Flushing Industrial Park, Parcels 1, 2 and 3

Tax Block 5066,
Lots 1201 to 1205 (formerly Lots 1 and 100),
Lots 1001 to 1169 (former Lot 9002),
Lots 1301 to 1579 (former Lot 9001) and
Lot 9100

QUEENS, NEW YORK

2010 Site Management Report

NYSDEC BCP Site Numbers:
C241051 (Parcel 1), C241078 (Parcel 2) and C241079 (Parcel 3)

AKRF Project Number: 30141

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TABLE OF CONTENTS

P.E. CERTIFICATION iii
EXECUTIVE SUMMARY iv
1.0 INTRODUCTION 1
2.0 BACKGROUND 1
2.1 SITE DESCRIPTION 1
2.2 REMEDIAL INVESTIGATION FINDINGS 2
2.2.1 Geology and Hydrogeology 2
2.2.2 Nature and Extent of Contamination Prior to Remediation 2
2.3 SITE REMEDIATION 3
2.3.1 Contaminated Materials Removal 3
2.3.2 Engineering Controls 4
2.3.3 Institutional Controls 4
3.0 CONSTRUCTION ACTIVITIES 5
3.1 PERMITTING AND APPROVALS 5
3.2 EXCAVATION 6
3.3 STOCKPILING 6
3.4 WASTE CHARACTERIZATION 6
3.5 SOIL TRANSPORTATION AND DISPOSAL 7
3.6 ON-SITE SOIL REUSE AS BACKFILL 7
3.7 BACKFILL FROM OFF-SITE SOURCES 7
3.8 FLUIDS MANAGEMENT 7
3.9 DEMARCATION 8
3.10 HEALTH AND SAFETY MONITORING 8
3.11 SEDIMENT AND EROSION CONTROL MEASURES 8
4.0 SITE COVER OPERATION AND MAINTENANCE 8
4.1 SITE COVER ALTERATIONS 8
4.2 SITE COVER INSPECTION 9
4.3 RECOMMENDED CORRECTIVE ACTION 9
5.0 VAPOR MITIGATION SYSTEM OPERATION AND MAINTENANCE 9
6.0 MONITORING 10
6.1 ENGINEERING CONTROL SYSTEM MONITORING 10
6.2 VAPOR SYSTEM MONITORING 10
6.2.1 Vapor System Inspection 10
6.2.2 Vapor System Sampling 10
6.2.3 Vapor Monitoring Results 11
6.3 GROUNDWATER MONITORING 11
6.4 SITE-WIDE INSPECTION 12
7.0 INSTITUTIONAL AND ENGINEERING CONTROL COMPLIANCE 12
8.0 CONCLUSIONS AND RECOMMENDATIONS 12

TABLES

Table 1 Stockpile Tracking Log
Table 2 Waste Characterization Sampling Analytical Results
Table 3 Outgoing Waste Tracking Log
Table 4 Post-Remediation Vapor Sample Laboratory Analytical Results

FIGURES

Figure 1 Project Site Location
Figure 2 Site Map
Figure 3 Current Site Cover (12/20/10)
Figure 4 Excavation Locations

APPENDICES

Appendix A Lot Boundary Documentation (CD)
Appendix B Photographs of Site Activities – 2010
Appendix C Agency Correspondence
Appendix D Laboratory Analytical Reports (CD)
Appendix E Solid Waste Disposal Documentation – Disposal Facility Approval Letters, Facility Permits, Waste Manifests (CD)
Appendix F Air Monitoring Logs (CD)
Appendix G Site Cover Inspection Log and Photographs
Appendix H Langan's Soil Vapor Mitigation System Confirmation
Appendix I Quarterly Vapor Monitoring Reports (CD)
Appendix J Site-wide Inspection Log
Appendix K Institutional and Engineering Control Certification Forms

P.E. CERTIFICATION

I, Michelle Lapin, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the 2007 Site Management Plan protocols, and I certify that the documentation of site management activities is accurately presented in the 2010 Site Management Report for Flushing Industrial Park, Parcel 1 (BCP Site No. C241051), Parcel 2 (BCP Site No. C241078), and Parcel 3 (BCP Site No. C241079).

For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

(a) the institutional control and engineering control employed at this site is unchanged from the date the control was put in place, or last approved by DER, with the exceptions cited in this Site Management Report;

(b) nothing has occurred that would impair the ability of such control to protect public health and the environment;

(c) nothing has occurred the would constitute a violation or failure to comply with any Site Management Plan for this control; and

(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.

NYS Professional Engineer #073934-1

3-30-11
Date

Signature

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(c) nothing has occurred the would constitute a violation or failure to comply with any Site Management Plan for this control; and

(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.

_____ _____ _____

NYS Professional Engineer #073934-1 Date Signature

EXECUTIVE SUMMARY

The Site Management Report (SMR) documents pertinent post-remediation activities at Flushing Industrial Park (Eastern), Parcel 1 (BCP Site No. C241051), Flushing Industrial Park (Western), Parcel 2 (BCP Site No. C241078), and Flushing Industrial Park (Western Waterfront), Parcel 3 (BCP Site No. C241079), during 2010. These three Parcels comprise approximately 13.3 acres located on the northwestern corner of College Point Boulevard and 40th Road, in Flushing, Queens, New York (collectively, the Property).

Historically, the Property contained several transformers, gasoline fueling facilities, an equipment repair area and a paint storage house. Consolidated Edison (the previous Property owner), historical maps and NYSDEC records indicated underground storage tanks (USTs) and aboveground storage tanks (ASTs) storing gasoline, diesel, insulating oil, kerosene, spent motor oil and heating oil. Multiple investigations were performed on the Property between 1989 and 2005 to identify and further evaluate soil and groundwater contamination. The soil and groundwater contamination appeared to be related to a combination of sources, including: spills/leaks from historical storage and repair of equipment [including numerous electrical transformers which likely contained polychlorinated biphenyls (PCBs)]; spills/leaks from ASTs, USTs and fueling operations; transport of contaminants by the tidally influenced water table; and some components in historic fill.

Remedial activities performed in 2006 and 2007 included the removal of contaminated materials and structures (including soil, light non-aqueous phase liquid (LNAPL), ASTs and USTs, drainage structures and geophysical anomalies, as needed). The remedy also included installation of a site cover (consisting of concrete, asphalt or 2 feet of clean fill) across the site and installation of a vapor mitigation system (consisting of a vapor barrier and sub-slab depressurization system) beneath the portion of the Parcel 2 structure with retail use on the ground floor. An Environmental Easement was filed to prevent future exposure to any residual contamination remaining. In December 2007, Final Engineering Reports (FERs) and Site Management Plans (SMPs) were submitted and NYSDEC granted Certificates of Completion for Parcels 1, 2 and 3. The three SMPs provide measures for long term management of residual contamination allowing for Restricted Residential use of the Property.

The remedy remains effective and protective of human health and the environment with continued implementation of the SMPs. The SMPs and all associated institutional and engineering controls were complied with in 2010 with the exception of some openings in the site cover as part of ongoing construction and the ongoing temporary cessation of groundwater monitoring. It is anticipated that the site cover will be repaired as construction is completed and the groundwater monitoring wells will be replaced after site cover completion. Implementation of the SMPs will continue, including the annual site-wide and site cover inspections and periodic review report in the form of this Site Management Report.

1.0 INTRODUCTION

This Site Management Report (SMR) was prepared to document pertinent activities performed at Flushing Industrial Park (Eastern), Parcel 1 (BCP Site No. C241051), Flushing Industrial Park (Western), Parcel 2 (BCP Site No. C241078), and Flushing Industrial Park (Western Waterfront), Parcel 3 (BCP Site No. C241079), during 2010. These three Parcels comprise approximately 13.3 acres located on the northwestern corner of College Point Boulevard and 40th Road, in Flushing, Queens, New York (collectively, the Property). The Property location is shown on Figure 1.

Remedial activities were completed on Parcels 1, 2 and 3 between February 2006 and December 2007 under the New York State Department of Environmental Conservation's (NYSDEC) Brownfield Cleanup Program (BCP). Brownfield Cleanup Agreements (BCAs) were executed in December 2004 and amended BCAs were executed in June 2005, December 2006, April 2007 and November 2007. Remedial work was performed in accordance with NYSDEC-approved work plans. The remediation was documented in three Parcel-specific Final Engineering Reports (FERs) dated December 2007, and on-going site management requirements were specified in three Site Management Plans (SMPs), submitted with the FERs. NYSDEC issued Certificates of Completion for Parcels 1, 2 and 3 in December 2007.

The purpose of this SMR is to document on-going site management activities associated with Engineering and Institutional Controls for the Property, and to certify that those controls are in accordance with the Site Management Plans (SMPs). The SMPs provide detailed descriptions of all procedures required to manage known and potential residual contamination.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Property is bounded by Roosevelt Avenue to the north, College Point Boulevard to the east, 40th Road to the south, and the Flushing River to the west (see Figure 2). The Property is located in the County of Queens, New York and, at the time of the FER, the Property was identified as Block 5066, Lots 1, 100, 9001, 9002 and 9100. The Property is now identified as Block 5066, Lots 1001 to 1169, 1201 to 1205, 1301 to 1579, and 9100.

In 2009, Lots 1 and 100 (the ground lots) were converted to condominium Lots 1201 to 1205, the boundaries of which include discontinuous and shared areas. In addition, residential condominium Lots 1001 through 1169 (former Lot 9002—Tower 3) were created in 2009 for the residential towers located above the retail structures. In 2010, residential condominium Lots 1301 through 1579 (former Lot 9001—Towers 1 and 2) were created. Lot 9100 remains for potential future residential (Towers 4, 5 and 6). Documentation of lot and ownership changes in 2010 is provided in Appendix A.

A site plan showing general development areas is provided as Figure 2. Occupancy of portions of the retail and residential spaces began in 2010. The eastern two-thirds of the development consist of open or actively-vented garage space on the ground (lowest) level. The retail and parking structures occupy the majority of Parcels 1 and 2, with residential towers (potentially including office space and/or community facilities) above these structures, starting at the fifth floor. Additional residential towers (designated Lot 9100) may be constructed over the western retail building on Parcel 2. The development plan includes the future construction of a waterfront esplanade that will include both landscaped and paved areas with upland connections on Parcel 3.

2.2 REMEDIAL INVESTIGATION FINDINGS

2.2.1 Geology and Hydrogeology

Results from the remedial and geotechnical investigations prior to remediation and redevelopment indicated that the top 6 to 16 feet of soil generally consisted of miscellaneous fill. The fill was variable, ranging from silty clay to sand with anthropogenic materials including brick, ash and cinders. The fill was underlain at some locations by a layer of organic silt, clay and peat up to about 30 feet thick near the Flushing River, and thinning out towards the east, ending about 200 to 300 feet from College Point Boulevard. A stiff silty clay/clayey silt stratum was occasionally encountered beneath the soft clayey soils. Occasional layers of sand, gravel, cobbles and boulders were interspersed in these strata. Below the fill and organic deposits was a layer of sand 30 to 60 feet thick, consisting of fine to coarse sand with varying percentages of silt and gravel. A stiff clay or silty clay stratum was encountered beneath the sand at a depth of 35 to 70 feet below grade (elevations -30 to -60 feet Queens Borough Datum).

Groundwater studies performed at the site and in surrounding areas before remediation indicated a general groundwater flow direction towards the west and northwest which appeared to be tidally influenced. Groundwater in the southern portion of the Property was locally influenced by a New York City Department of Environmental Protection (NYCDEP) sewer pump house located in this area. As part of remediation, interlocking bulkhead sheeting was installed at the western boundary of Parcel 3 and along segments of the western and southern Property boundaries. This sheeting appears to be limiting the tidal influence on the Property, based on measurements in monitoring wells installed before and after remediation excavation. Post-remediation water levels likely continue to fluctuate, due in part to the sheeting, continued construction excavation, and the installation of site storm sewers.

2.2.2 Nature and Extent of Contamination Prior to Remediation

Historically, the Property contained several transformers, gasoline fueling facilities, an equipment repair area and a paint storage house. Consolidated Edison (the previous Property owner), historical maps and NYSDEC records indicated underground storage tanks (USTs) and aboveground storage tanks (ASTs) storing gasoline, diesel, insulating oil, kerosene, spent motor oil and heating oil. Multiple investigations were performed on the Property between 1989 and 2005 to identify and further evaluate soil and groundwater contamination.

Soil Contamination

Subsurface investigations identified the main contaminant of concern in soil to be polychlorinated biphenyls (PCBs); however, elevated levels of volatile organic compounds (VOCs) (including benzene, sec-butylbenzene, chlorobenzene, ethylbenzene, naphthalene, and xylenes); semivolatile organic compounds (SVOCs); pesticides (including delta-BHC, dieldrin, 4,4-DDD, 4,4-DDE, 4,4-DDT, endosulfan sulfate, endrin); and metals (including arsenic, cadmium, lead and mercury) were also found. The laboratory analytical data revealed that elevated PCB concentrations were generally more prevalent in Parcels 2 and 3. In general, PCB concentrations were highest at or above the water table; however, one area on the south side of Parcels 2 and 3 was identified with hazardous waste concentrations of PCBs extending below the water table.

Groundwater Contamination

PCB-containing LNAPL was identified on the water table in three site monitoring wells on Parcels 2 and 3. Elevated levels of VOCs, SVOCs, PCBs, pesticides, and metals (arsenic, barium, cadmium, iron, lead, magnesium, manganese, selenium and sodium) were found in the groundwater.

The NYSDEC Class GA Ambient Water Quality Standards were exceeded in groundwater samples for total and dissolved PCBs, pesticides (aldrin, alpha-chlordane, dieldrin, 4,4-DDD and endrin), VOCs (acetone, benzene, chlorobenzene, toluene and vinyl chloride), SVOCs (1,3-dichlorobenzene), and total and dissolved TAL metals (arsenic, barium, cadmium, iron, lead, magnesium, manganese, selenium and sodium). The elevated concentrations of PCBs, pesticides, VOCs and SVOCs were identified in isolated areas, but the Class GA standard exceedances for metals were identified across the Property.

2.3 SITE REMEDIATION

The remediation was conducted in accordance with the NYSDEC-approved Interim Remedial Measure Work Plan (IRMWP) and Remedial Action Work Plans (RAWPs), including all addenda and modifications.

2.3.1 Contaminated Materials Removal

Based on the results of initial subsurface investigations, soil Site-Specific Action Levels (SSALs) were established for the protection of human health and the environment, considering the contemplated use and anticipated institutional and engineering controls. The SSALs were as follows:

Soil Site-Specific Action Levels

Parameter	Criterion
Individual Volatile Organic Compounds (VOCs)	TAGM 4046 RSCO
Total Semivolatile Organic Compounds (SVOCs)	100 ppm
Total Polychlorinated Biphenyls (PCBs)	10 ppm
Individual Pesticides	1 ppm or TAGM 4046 RSCO, if higher
Arsenic	24 ppm
Cadmium	10 ppm
Lead	500 ppm
Mercury	4 ppm
Silver	100 ppm
Cyanide	Hazardous Waste Reactivity Criterion

Notes: TAGM 4046 RSCO – Technical and Administrative Guidance Memorandum #4046 Recommended Soil Cleanup Objectives, January 24, 1994
ppm – parts per million

Contaminated materials removal included the excavation of soil with concentrations greater than the established SSALs above (and to the extent practicable, below) the water table; removal of LNAPL to the extent practicable; removal of ASTs and USTs; investigation and removal of drainage structures; and investigation of geophysical anomalies. Excavation and off-site disposal of contaminated soil was performed from February 2006 to November 2007.

2.3.2 Engineering Controls

Engineering controls were installed at the Property as part of the remedial action to prevent exposure to residual subsurface contamination. The engineering controls, which consist of a site cover and a sub-slab vapor mitigation system, are described in more detail below.

Site Cover

Following soil removal activities, a composite cover system was installed over the Property to prevent direct exposure to underlying soil. At the time that the FERs were submitted, the site cover on Parcels 1 and 2 consisted of concrete or asphalt.

Vapor Mitigation System

No vapor barrier was required for Parcels 1 and 3. The remedial action required a vapor mitigation system only for the portion of the development with retail use on the lowest level (i.e., the western retail building located on Parcel 2). Exposure to potential residual vapors there is minimized by the sub-slab vapor mitigation system installed beneath the building. The mitigation system consists of a network of PVC sub-slab depressurization piping placed beneath a vapor barrier with in-line fans venting extracted vapors above the roof of the parking garage.

2.3.3 Institutional Controls

Institutional controls incorporated into the remedy include an environmental easement to prohibit certain on-site uses, and ensure implementation of the Parcel-specific SMPs during future site use. These institutional controls are described in more detail below.

Environmental Easement

An environmental easement has been recorded for each of the three Parcels comprising the Property. The property deed and all subsequent instruments of conveyance will contain language indicating that the Property is subject to this environmental easement. The environmental easement includes the following site use restrictions:

- Single family housing, vegetable gardens and farming are prohibited;
- A school or day care facility is prohibited;
- Use of the site groundwater is prohibited without treatment rendering it safe for its intended purpose;
- All future activities that will disturb Residual Management Zones (i.e., penetrate through the site cover into the underlying soil) are prohibited unless they are conducted in accordance with the SMPs;
- The Property may be used for Restricted Residential use, as defined in 6 NYCRR 375-1.8(g)(2)(ii), provided that the long-term Engineering and Institutional Controls included in the SMPs remain in use;
- The Property may not be used for a more restricted level of use, such as unrestricted residential use, nor may the parking areas be converted to other enclosed purposes; and
- The easement requires annual submission of a written certification that: (1) controls are unchanged from the previous certification or that any changes to the controls

were approved by the NYSDEC and NYSDOH; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMPs.

Site Management Plan

The environmental easement requires compliance with three SMPs that were prepared to describe procedures and protocols for post-remediation management of the three Parcels. The SMPs each include four plans: (1) an Engineering and Institutional Control Plan for implementation and management of EC/ICs; (2) a Monitoring Plan for implementation of Site Monitoring; (3) an Operation and Maintenance Plan for implementation of the remedial cover, sub-slab venting system (Parcel 2 only), and the groundwater monitoring system; and (4) a Site Management Reporting Plan for submittal of data, information, recommendations, and certifications to NYSDEC. The Engineering and Institutional Control Plan portion of each SMP includes detailed procedures for handling residual on-site contamination during future soil disturbance activities.

3.0 CONSTRUCTION ACTIVITIES

The SMP established the following three Residual Management Zones (RMZs):

- RMZ A refers to previously placed backfill documented to meet SSALs (see Section 2.3.1). Excavated material from this zone that did not exhibit evidence of contamination was reused on-site as subsurface fill beneath the restored cover without additional sampling.
- RMZ B is material where previous endpoint sampling indicated that the material met the SSALs. Whenever this material was excavated, additional analyses were performed to confirm that the material met SSALs prior to its reuse on-site as backfill. If the excavated material exhibited evidence of contamination (i.e., odor, staining, or elevated photoionization detector (PID) readings) or if analytical results indicated concentrations above the SSALs, then the material was disposed of off-site.
- RMZ C is the material where endpoint sampling indicated concentrations greater than the SSALs. Soil in the vicinity of this known contamination was disposed of off-site.

Construction of the new development on the Property was performed throughout 2010. A qualified environmental professional oversaw all invasive work that disturbed the RMZs. Selected photographs showing the subsurface disturbances are provided in Appendix B.

3.1 PERMITTING AND APPROVALS

As indicated on the certification forms, local building permits were issued in 2010 for continued construction. The site lots have an "E" designation for hazardous materials, which requires New York City Office of Environmental Remediation (NYCOER) approval prior to NYC Department of Buildings (NYCDOB) issuance of many types of permits. Note that prior to 2010, "E" designation issues were formerly managed through the NYC Department of Environmental Protection (NYCDEP). NYCDEP acknowledged in a letter dated August 4, 2008 that remediation and the accompanying institutional and engineering controls under the BCP adequately address the "E" designation requirements and allowed for all permits to be issued by NYCDOB up through Temporary Certificate of Occupancy for non-residential spaces. The August 4, 2008 correspondence was amended by NYCOER on January 21, 2010 with a Notice of No Objection to retail Temporary Certificates of Occupancy. NYCOER approved the issuance of

residential Certificates of Occupancy in Notices of Satisfaction dated May 27, 2010 and October 22, 2010. Copies of pertinent NYCDEP and NYCOER correspondences are provided in Appendix C.

3.2 EXCAVATION

During excavation and stockpiling, the AKRF field personnel continuously monitored the excavated material for evidence of contamination and conducted periodic screening for VOCs using a photoionization detector (PID). No buried tanks, drums or other containers were encountered during excavation. Construction activities disturbed two of the three Residual Management Zones in 2010.

- Soil in RMZ A was excavated intermittently on Parcels 1, 2 and 3 from January 2010 to September 2010.
- Soil in RMZ B was excavated on Parcels 1, 2 and 3 from January 2010 to February 2010.
- No soil was excavated into the RMZ C zone during 2010.

The locations and surveyed elevations of excavations that extended into RMZ B are shown on Figure 4.

3.3 STOCKPILING

Soil was stockpiled based on the known or anticipated type and/or level of contamination (based on previous laboratory analytical data, PID readings, odor and/or staining). Soil exhibiting obvious contamination was stockpiled separately from potentially uncontaminated excavated material. Suspect contaminated soil was placed on rugged polyethylene tarps. Stockpiles were kept covered with appropriately anchored tarps and/or polyethylene sheeting whenever excavation and/or loading operations were not occurring. Stockpiles were encircled with haybales.

Stockpiles of excavated material were inspected as needed and after rain events; tarps and haybales were replaced as needed. Results of inspections were recorded on inspection forms maintained as part of the required construction Stormwater Pollution Prevention Plan (SWPPP). A stockpile tracking log (Table 1) was maintained to track source, sampling and final disposition of stockpiled material.

At the end of 2010, three stockpiles remained within the fenced area of Parcel 3. Stockpiles 70 and 71 contained material excavated from RMZ A and from limited off-site excavations for utility connections. Stockpile 72 contained RMZ A material. The stockpiles will be sampled as needed and either placed as backfill on-site or disposed of off-site in accordance with the SMPs.

3.4 WASTE CHARACTERIZATION

Stockpiles of soil planned for off-site disposal were sampled to characterize the materials. In 2010, twenty samples were analyzed for waste characterization based on disposal facility requirements. Waste characterization analyses typically included: total petroleum hydrocarbons (TPH), diesel range organics (DRO), VOCs by EPA Method 8260; SVOCs by EPA Method 8270; total metals by EPA Method 6010; PCBs by EPA Method 8082; and leachable VOCs, SVOCs, pesticides, and metals using the toxicity characteristic leaching procedure (TCLP) by EPA Methods 1311, 8260, 8270, 8081, 8151, 6010 and 7470; ignitability by EPA Method 1030; corrosivity by EPA Methods 9040/9045; and/or reactivity by EPA Methods 9014/9034. The

waste characterization samples were analyzed by TestAmerica in Shelton, Connecticut, a NYSDOH Environmental Laboratory Accreditation Procedure (ELAP)-certified laboratory.

Summary laboratory analytical results for the waste characterization samples are provided in Table 2, and the full laboratory reports are included on the CD provided in Appendix D.

3.5 SOIL TRANSPORTATION AND DISPOSAL

All excavated material with evidence of contamination (based on prior testing, PID readings, odor and/or staining) was disposed of off-site. In addition, soil/fill material that met the SSALs, but could not be used for backfill due to its mechanical properties or composition or because it was in excess of the volume required for backfilling, was also characterized for off-site disposal. Licensed haulers were used for this material. Material disposed of off-site is summarized in the Outgoing Waste Tracking Log provided in Table 3.

Prior to off-site disposal of soil, waste characterization (and, as appropriate, investigation) data for the material was provided to the intended disposal facility. Waste characterization data is summarized in Tables 2a to 2h. All facilities used in 2010 had previously approved material for the site and furthermore provided confirmation that they reviewed the data specific to the intended material and confirmed that the material was acceptable to them under their applicable permits. The disposal facilities confirmed that the new data was consistent with the previously approved material. Acceptance letters from disposal facilities are included in Appendix E.

The Property disposed of the following wastes from excavated material in 2010:

- From January 5, 2010 to June 11, 2010, a total of 27 trucks transported 816.06 tons of non-hazardous waste for disposal at the Clean Earth landfill in Philadelphia, Pennsylvania.
- From January 7, 2010 to June 15, 2010, a total of 50 trucks transported 1,469.72 tons of non-hazardous waste for disposal at the Clean Earth treatment facility in Carteret, New Jersey.

No hazardous waste was generated at the site in 2010. The total quantities of non-hazardous wastes removed from the Property and the respective disposal locations are shown in Table 3. Copies of waste manifests and bills of lading for material disposed of off-site are included in Appendix E.

3.6 ON-SITE SOIL REUSE AS BACKFILL

The SSAL criteria listed in Section 2.3.1 have been approved by NYSDEC for on-site reuse of material. Excavated material that had chemical or petroleum odors, visual chemical or petroleum staining, or elevated PID readings above 5 ppm were not reused on-site but were characterized for off-site disposal, as discussed in Section 3.3. Material excavated from RMZ A (previously placed backfill) was previously documented to meet SSALs; therefore, it was reused on-site beneath the cover without additional sampling. No soil excavated from RMZ B was reused on-site in 2010.

3.7 BACKFILL FROM OFF-SITE SOURCES

No backfill material from off-site sources was imported to the site during 2010.

3.8 FLUIDS MANAGEMENT

Dewatering fluids discharged into the New York City sewer system were addressed through approval by NYCDEP under Case No. C-3992. Dewatering at the site for general construction stopped in early 2010 and is not expected to resume.

3.9 DEMARCATION

After the completion of soil removal from RMZ B, the base of the excavation was surveyed by Linear Contracting, a New York State licensed surveyor with base elevations documented in the field by AKRF. Excavation locations and depths are depicted on Figure 4.

3.10 HEALTH AND SAFETY MONITORING

A Health and Safety Plan (HASP) which is as part of each SMP, includes requirements for personnel training, protocols for work zone air monitoring and community air monitoring, designated personal protection equipment, and decontamination procedures. The HASP also includes a community air monitoring plan (CAMP), which establishes protocols for VOC and particulate air monitoring to be conducted at the Property perimeter if work zone perimeter concentrations approach the applicable community action levels.

The HASP was followed for invasive work performed on the Property. Initial soil disturbance of RMZ A soil was overseen by personnel under the direction of a qualified environmental professional. RMZ B soil disturbance included air monitoring for VOCs and dust in the work zone. In areas where evidence of contamination was noted, work zone requirements were upgraded to require OSHA HAZWOPER trained workers.

VOC concentrations were monitored with a Thermo 580B PID or equivalent, and respirable particulate matter was monitored using a Thermo PDR1000 or DustTrak 8520. No remediation work zone or community air monitoring exceedances occurred [above the 15-minute time-weighted average (TWA) action levels specified in the HASP] during any activities performed under the SMP. Copies of the air monitoring logs are provided in Appendix F.

3.11 SEDIMENT AND EROSION CONTROL MEASURES

As required under 6 NYCRR Parts 700-705, a SWPPP was prepared to comply with the requirements and conditions of the State Pollutant Discharge Elimination System (SPDES) General Stormwater Permit for Construction Activity (Permit No. GP-02-01). A construction-phase SWPPP, provided as an appendix to the SMPs, included erosion and sediment controls in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control. Typical measures that were implemented to limit the potential for erosion and migration of soil included the use of hay bales, sewer inlet protection, a stabilized construction entrance, and dust control measures.

4.0 SITE COVER OPERATION AND MAINTENANCE

Exposure to residual contaminated soil/fill is prevented by an engineered composite cover system. This composite cover system is composed of asphalt or concrete. In the future, the cover system may also include landscaped areas with a minimum of two (2) feet of clean fill (meeting the Part 375 SCO, calculated as the lower of the SCOs for Residential Use or Protection of Groundwater, or for which specific approval would be given by NYSDEC).

4.1 SITE COVER ALTERATIONS

The site cover in place at the time of the FER submission consisted of concrete building slabs and sidewalks and asphalt pavement. During 2010, the site cover was modified with asphalt and additional concrete was placed for building and sidewalk construction. Disturbance of the

composite cover system and underlying residual soil was performed in accordance with the SMPs, as discussed in Section 3.0.

4.2 SITE COVER INSPECTION

AKRF inspected the site cover on December 20, 2010. The inspection consisted of checking the asphalt/concrete pavement for holes, cracking and/or signs of damage. All observed pavement was found to be intact, with no signs of significant cracking or damage. In some areas, observation of the cover was obscured by soil stockpiles, equipment, and/or sediment buildup; however, based on information from the Property owner representatives and observation throughout the year, the cover was expected to be essentially intact in the areas not visible during the December inspection. Openings in the site cover during the inspection were noted as follows:

- At the time of the inspection, one shallow excavation (approximately 1 to 2 feet deep) for the installation of utilities exposed RMZ A soil. As part of ongoing construction, this excavation will be backfilled and covered with asphalt or concrete.
- A large portion of Parcel 3 consisted of exposed RMZ A soil; however, Parcel 3 is inaccessible to the general public, as it is cordoned off with a chain-link fence.
- Five discrete (approx 3-foot by 3-foot) openings in the concrete block wall were noted in the northern portion of the parking area beneath the eastern retail with exposed RMZ A soil through the wall.

4.3 RECOMMENDED CORRECTIVE ACTION

According to the Property representatives, restoration of the cover in the utility excavation area and in the parking garage is expected in 2011. The exposed portions of Parcel 3 will be repaired as part of future esplanade construction. The locations and elevations of the asphalt and concrete site covers at the end of 2010, including areas where the site cover remains open, are shown on Figure 3. Restoration activities will be documented in subsequent Site Management Reports. The site cover inspection log and photographs of the site cover taken during the inspection are provided in Appendix G.

5.0 VAPOR MITIGATION SYSTEM OPERATION AND MAINTENANCE

The vapor mitigation system design and installation oversight were conducted by Langan Engineering and Environmental Services, Inc. (Langan) of Elmwood Park, New Jersey. The sub-slab depressurization system (SSDS) construction was completed and operational in November 2007, as documented in Langan's Engineering Controls (EC) Completion Report, dated November 28, 2007, which was presented with the FER. As permitted by the SMP, prior to initial building occupancy, operation of the sub-slab depressurization system was temporarily suspended during construction. From December 2007 to January 2010, the vapor mitigation system was temporarily taken out of service while construction continued on the western retail building.

In January 2010, the sub-slab depressurization system was reactivated prior to building occupancy. Langan conducted confirmation testing of the SSDS while in active operation on January 20, 2010 and concluded that the SSDS was operating effectively. As outlined in Langan's Soil Vapor Mitigation System Activation Status Memorandum dated January 22, 2010 (provided in Appendix H), the vapor mitigation measures have been modified since the submittal of the EC Completion Report and initial certification. These modifications included:

- The extension of the exhaust stacks to six stories above ground level;
- The addition of a second in-line fan to each stack on the 4th floor near the top of each stack;
- The reinstallation of the vapor barrier in the northern half of the western retail building footprint;
- The installation of a waterproofing course of Liquid Boot (a secondary vapor barrier) to the underside of the western retail building slab; and
- Modifications to the number and locations of clean-outs and sampling ports (SP).

No additional modifications have been made to the SSDS since the January 20, 2010 activation and Langan's January 22, 2010 certification based on Langan's Annual Status Memorandum, dated January 31, 2011, which outlined the overall status of the SSDS system throughout 2010. Vacuum measurements collected below the in-line fans were all in acceptable range during Langan's routine inspections. Measurable vacuum/pressure was documented at each of the accessible endpoint cleanout points of the SSDS which indicates that the SSDS has maintained negative pressure in the gravel beneath the vapor barrier. All in-fans were operational throughout the year with the exception of Fan 3B (located on the 4th floor). Fan 3B malfunctioned in November 2010; however, Langan concluded that the impaired fan does not substantially decrease the functionality of the system due to the redundancies built into the SSDS. Langan has scheduled to repair Fan 3B during the next routine inspection in early 2011. Langan's January 31, 2011 memorandum is provided in Appendix H.

6.0 MONITORING

6.1 ENGINEERING CONTROL SYSTEM MONITORING

Engineering control system monitoring included the site cover inspection discussed in Section 4.2. Sub-slab depressurization system inspection and monitoring was performed generally on a quarterly basis in February, May/June, August, and October 2010, as discussed in Section 6.2.

6.2 VAPOR SYSTEM MONITORING

6.2.1 Vapor System Inspection

The SSDS has been inspected regularly since the system was restarted on January 20, 2010. Inspections were conducted on a weekly basis during the first month and approximately quarterly thereafter (as part of the quarterly vapor discharge sampling). These inspections consisted of measuring flow rates and vacuum readings to confirm that all of the fans are operational. Inspections performed in 2010 indicated that all fans were operational (with the exception of Fan 3B in November and December 2010 as mentioned in Section 5.0) and measureable vacuum was noted at vapor sampling ports on both the 1st floor and 4th floor. Inspection logs were presented as attachments to Langan's memorandum provided in Appendix H, and in the Quarterly Vapor Monitoring Reports provided in Appendix I.

6.2.2 Vapor System Sampling

Vapor samples were collected for laboratory analysis from the sampling ports directly below each of the eight 4th floor SSDS fans to confirm that emissions were below the thresholds in the NYSDEC Division of Air Resources (DAR) publication "*Air Guide-1: Annual Guideline Concentrations (AGC)/Short-term Guideline Concentrations (SGC) Tables*", dated October 18, 2010. Samples were collected generally on a quarterly basis

on February 8, May 24, June 1, August 10, and October 29, 2010. During sampling, the 1st floor fans were running but the 4th floor fans were turned off so there was no vacuum on the sampling port. Eight samples (designated CE-VAPOR-1 to CE-VAPOR-8) were collected in 6-liter Summa canisters equipped with flow regulators and vacuum gauges to allow sample collection over a 30-minute period. One ambient air sample (CE-AA) was collected on the central portion of the roof to determine background levels. Vapors were also field-screened by collecting samples in Tedlar® bags and using a PID to detect total VOCs and a landfill gas meter to detect methane. Vapor sampling activities and other observations (e.g., field screening results, sampling personnel, and sample port integrity) were documented on the inspection log.

Summa canisters were placed in a secure shipping container for pickup by the laboratory under chain-of-custody protocol. Vapor samples were analyzed for volatile organic compounds (VOCs) using EPA Method TO-15 at TestAmerica, Inc. of South Burlington, Vermont, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Procedure (ELAP) certified laboratory.

6.2.3 Vapor Monitoring Results

Results of the sampling events were reported in quarterly vapor monitoring reports submitted to NYSDEC and NYSDOH and are summarized in Table 4. Copies of these quarterly reports are provided on a CD in Appendix I.

In the two of the four sampling events during 2010, low methane concentrations—a maximum of 0.2% methane, which is 4% of the lower explosive limit (LEL)—were detected in three sampling ports. Laboratory analysis found that VOC concentrations did not exceed the NYSDEC DAR-1 AGCs or SGCs. Detected compounds included 1,2,4-Trimethylbenzene, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 2-Butanone, 2-Hexanone, 2,2,4-Trimethylpentane, 4-Ethyltoluene, Acetone, Benzene, Carbon Disulfide, Chloroethane, Chloroform, Chloromethane, Cyclohexane, Dichlorodifluoromethane, Dichloroethane, Ethylbenzene, Isopropanol, Methyl ethyl ketone, Methyl isobutyl ketone, n-Heptane, n-Hexane, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, Trichloroethene, Trichlorofluoromethane, Trimethylpentane and Xylenes. Several of these compounds are potentially related to gasoline; however, they can also be attributed to construction chemicals such as primer, paints, and glues and many were also detected in the ambient air sample. The analytical results indicated that effluent treatment is not warranted as part of the vapor mitigation system.

Vapor monitoring activities will continue on a quarterly basis (unless permission to discontinue is granted in writing by NYSDEC and NYSDOH) to determine whether emissions continue to meet the threshold AGC and SGCs, and to evaluate system performance with the fans operating. In order to determine whether the system can be converted to passive venting (i.e., without operating the in-line fans), a separate sampling protocol will be established for approval by NYSDEC and NYSDOH.

6.3 GROUNDWATER MONITORING

No groundwater monitoring was performed in 2010 due to a large number of monitoring wells damaged during construction and ongoing construction in the immediate vicinity of damaged wells. NYSDEC was notified of this modification to the SMP initially via e-mail on November 9, 2009 and again in the 2010 SMR. Damaged monitoring wells will be replaced after grading

and site cover repair are completed on Parcel 3 as part of the esplanade construction and groundwater sampling will be resumed.

6.4 SITE-WIDE INSPECTION

A site-wide inspection was conducted at the same time as the site cap inspection on December 20, 2010 to ensure that all aspects of the remedy were in-place and effective. The remedy remains effective and protective of human health and the environment with continued implementation of the SMPs. A copy of the Site-Wide Inspection Log is included in Appendix J and discussions of pertinent issues are provided in this SMR.

7.0 INSTITUTIONAL AND ENGINEERING CONTROL COMPLIANCE

The IC/EC Certification Form was completed for each of the three remediation Parcels based on results from the site monitoring and inspections described in this SMR. Copies of the forms are provided as Appendix K. Engineering and institutional controls implemented as part of the remedial action are described in Section 2.3.2 and 2.3.3, respectively. A discussion related to certification items requiring clarification is provided within this SMR; appropriate corrective measures for non-compliance of the engineering and institutional controls are described in Sections 4.3 and 6.3.

The 2010 IC/EC Certification Forms provided in Appendix K reflect the certification period of January 2010 to December 2010. As discussed with NYSDEC, the 2011 site-wide inspection will be performed in late April 2012 and the next IC/EC certifications will cover January 1, 2011 to May 1, 2012. The 2011 SMR will be submitted to NYSDEC by June 15, 2012.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the inspections and data evaluation summarized in this report, the following conclusions and recommendations were developed:

- The permanent site cover is present and in good condition throughout the majority of the Property. Openings in the site cover were present on Parcel 3 and in several discrete areas on Parcels 1 and 2 where construction activities continue. The site cover should be restored in accordance with the SMP as construction is completed.
- The sub-slab vapor mitigation system resumed operation in January 2010, prior to building occupancy. SSDS inspection and effluent sampling should continue in accordance with the SMP.
- Groundwater monitoring was not performed in 2010, as the majority of wells were damaged during construction and access for reinstallation was limited due to ongoing construction activities. It is anticipated that the damaged groundwater monitoring wells will be re-installed after grading and site cover repair is completed on Parcel 3. Groundwater monitoring for natural attenuation should resume in accordance with the SMP after the monitoring wells are replaced.

TABLES

Flushing Industrial Park, Parcels 1-3

Table 1

Stockpile Tracking Log

Stockpile ID	Stockpile Material Origin	Residual Management Zones	Evidence of Contamination	Lab Sample Date	Laboratory Sample Analyses	Lab Results	Final Stockpile Disposition
65	Utility excavations on the southwestern portion of the site and south of the parking garage; grading RMZ-A on the southwest and southern portions of the site. Sidewalk repairs on east and south perimeters.	RMZ-A	No odors, staining or PID above background	CE-Stockpile-65A and B (11/10/09), CE-Stockpile-65C (11/24/09), CE-Stockpile-65D (12/22/09), CE-Stockpile-65E (12/23/09)	11/10/09 - 2, 8-point composites for total VOCs, PAHs, total and TCLP metals, ignitability, corrosivity, reactivity, sulfur, cyanide and PCBs 12/2/09 - one grab and 1, 8-pt composite for total VOCs, PAHs, total and TCLP metals, ignitability, corrosivity, reactivity, sulfur, cyanide and PCBs. 12/22/09 and 12/23/09 2 grab and 2, 8-pt composites for total VOCs, PAHs, total and TCLP metals, ignitability, corrosivity, reactivity, sulfur, cyanide and PCBs.	Approved for disposal at Clean Earth Carteret	Stockpile 65 disposed of at Clean Earth Carteret in January and June 2010
66	Utility excavations on northwestern portion of the site (north of BJ's)	RMZ-B (bottom of 40th Rd. gate and north of western retail building)	Petroleum-like and staining; slightly elevated PID readings (5ppm)	CE-Stockpile-66 A1 and A2 (12/7/09); CE-Stockpile-66B, C and D (12/18/09)	12/7/09 - 2 grabs for TPH DRO, total SVOCs and TCLP VOCs; 1 composite for TOX, total VOCs, total and TCLP metals (+cu, ni, zn), RCRA characteristics, PCBs, total sulfur and other full TCLP (TCLP SVOCs, pesticides and herbicides) 12/18/09 - 3 grabs for TPH DRO, total SVOCs	Approved for disposal at Clean Earth Carteret	Stockpile 66 disposed of at Clean Earth Carteret in January 2010
67	Utility excavations south of parking garage	RMZ-B	No odors, staining or PID above background	NA	NA	NA	Stockpile 67 added to Stockpile 68 and subsequently disposed of at Clean Earth Philadelphia
68	Utility excavations east-adjacent to the parking garage, on the southwestern portion of the site and the northwesternmost portion of the site.	RMZ B	No odors, staining or PID above background east of the parking garage; slight petroleum-like odor (no elevated PID readings) on the southwestern portion of the site	CE-Stockpile-68A through F and CE-Stockpile-68-1 (1/11/10); CE-Stockpile-68 G and F (3/31/10); CE-Stockpile-68H through K (5/3/10)	1/11/10 - 6 grabs for TPH DRO, total SVOCs and TCLP VOCs; 1 composite for TOX, total VOCs, total and TCLP metals (+cu, ni, zn), RCRA characteristics, PCBs, total sulfur and other full TCLP (TCLP SVOCs, pesticides and herbicides); 3/31/10- 1 grab for TPH DRO and 1 composite for TOX, total VOCs, total and TCLP metals (+cu, ni, zn), RCRA characteristics, PCBs, total sulfur and other full TCLP (TCLP SVOCs, pesticides and herbicides) 5/3/10-2 composites for TCL SVOCs and TPH DRO	Approved for disposal at Clean Earth Philadelphia	Stockpile 68 disposed of at Clean Earth Philadelphia in June 2010
69	Utility excavation south adjacent to the parking garage.	RMZ B	Slight creosote-like odor, no elevated PID readings, black-stained timbers, clayey material	CE-Stockpile-69A, 69B, 69C, 69C and 691 (5/3/10)	5/3/10 - 4-composites for TPH DRO to C44 and total SVOCs (CE-Stockpile-69A additionally sampled for TCLP VOCs); 3 grabs composited for TOX, total VOCs, total and TCLP metals (+cu, ni, zn), RCRA characteristics, PCBs, total sulfur and other full TCLP (TCLP SVOCs, pesticides and herbicides);	Approved for disposal at Clean Earth Philadelphia	Stockpile 69 disposed of at Clean Earth Philadelphia in June 2010
70	Asphalt/millings	RMZ A and Off-site	NA	NA	NA	NA	As of 12/20/10, staged in fenced area on the western portion of the site (Parcel 3)
71	Off-site utility excavation at the bottom of 40th Road west (near site entrance)	Off-site	No odors, staining or PID above background	NA	NA	NA	As of 12/20/10, staged in fenced in area on the southwestern portion of the site (Parcel 3)

Flushing Industrial Park, Parcels 1-3

Table 1

Stockpile Tracking Log

Stockpile ID	Stockpile Material Origin	Residual Management Zones	Evidence of Contamination	Lab Sample Date	Laboratory Sample Analyses	Lab Results	Final Stockpile Disposition
72	Utility excavations on the southwestern portion of the site and south of the parking garage	RMZ-A	No odors, staining or PID above background	NA	NA	NA	As of 12/20/10, staged in fenced area on the northwestern portion of the site (Parcel 3)

Notes

1. This table includes only stockpiles present on-site during 2010.
2. Laboratory analyses varied depending on the disposal facility requirements.
3. RMZ = residual management zone
4. TPH = total petroleum hydrocarbons; DRO = diesel range organics; VOCs = volatile organic compounds; SVOCs = semivolatile organic compounds; TCLP = toxicity characteristic leaching procedure; PCBs = polychlorinated biphenyls

Table 2A

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled ug/kg	CE-Stockpile 68-1 220-11286-7 1/11/2010	CE-Stockpile-69-1 220-12119-7 5/3/2010
1,1,1-Trichloroethane	2 U	0.73 U
1,1,2,2-Tetrachloroethane	1.9 U	0.72 U
1,1,2-Trichloroethane	1.4 U	0.51 U
1,1-Dichloroethane	1.1 U	0.41 U
1,1-Dichloroethene	2.1 U	0.80 U
1,2-Dichloroethane	2.1 U	0.80 U
1,2-Dichloropropane	2.5 U	0.92 U
2-Hexanone	4.4 U	1.7 U
Acetone	42 J *	10 J B
Benzene	2.1 U	0.79 U
Bromodichloromethane	1.1 U	0.41 U
Bromoform	2.2 U	0.84 U
Bromomethane	7.7 U	2.9 U
Carbon disulfide	1.5 U	1.5 J
Carbon tetrachloride	3.5 U	1.3 U
Chlorobenzene	2.2 U	0.81 U
Chloroethane	3.6 U	1.3 U
Chloroform	1.3 U	0.47 U
Chloromethane	2.9 U	1.1 U
cis-1,2-Dichloroethene	1.4 U	0.51 U
cis-1,3-Dichloropropene	2.1 U	0.77 U
Dibromochloromethane	1.3 U	0.48 U
Ethylbenzene	2.6 U	0.96 U
Methyl Ethyl Ketone	5.9 U	2.2 U
methyl isobutyl ketone	2 U	0.76 U
Methylene Chloride	11 J B	3.3 J B
Styrene	0.55 U	0.21 U
Tetrachloroethene	3 U	1.1 U
Toluene	0.27 U	0.10 U
trans-1,2-Dichloroethene	1.4 U	0.54 U
trans-1,3-Dichloropropene	0.99 U	0.37 U
Trichloroethene	3 U	1.1 U
Vinyl chloride	0.85 U	0.32 U
Xylenes, Total	1.8 U	0.67 U

Table 2B

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

Semi-Volatile Organic Compounds

Client ID	CE-Stockpile 68-A	CE-Stockpile 68-B	CE-Stockpile 68-C	CE-Stockpile 68-D	CE-Stockpile 68-E	CE-Stockpile 68-F
Lab Sample ID	220-11286-1	220-11286-2	220-11286-3	220-11286-4	220-11286-5	220-11286-6
Date Sampled	1/11/2010	1/11/2010	1/11/2010	1/11/2010	1/11/2010	1/11/2010
Dilution	1	1	1	20	1	1
ug/kg						
1,2,4-Trichlorobenzene	31 J	28 J	26 J	510 U	23 J	41 J
1,2-Dichlorobenzene	23 U	23 U	20 U	460 U	20 U	21 U
1,3-Dichlorobenzene	19 U	20 U	17 U	390 U	17 U	18 U
1,4-Dichlorobenzene	23 U	23 U	20 U	460 U	20 U	21 U
2,2'-oxybis[1-chloropropane]	20 U	20 U	18 U	410 U	18 U	18 U
2,4,5-Trichlorophenol	20 U	20 U	17 U	390 U	17 U	18 U
2,4,6-Trichlorophenol	11 U	11 U	9.4 U	210 U	9.3 U	9.7 U
2,4-Dichlorophenol	21 U	21 U	18 U	420 U	18 U	19 U
2,4-Dimethylphenol	19 U	19 U	17 U	380 U	16 U	17 U
2,4-Dinitrophenol	120 U	120 U	100 U	2,400 U	100 U	110 U
2,4-Dinitrotoluene	31 U	31 U	27 U	620 U	27 U	28 U
2,6-Dinitrotoluene	11 U	11 U	10 U	230 U	9.9 U	10 U
2-Chloronaphthalene	17 U	17 U	15 U	330 U	14 U	15 U
2-Chlorophenol	23 U	23 U	20 U	460 U	20 U	21 U
2-Methylnaphthalene	110 J	97 J	77 J	310 J	80 J	90 J
2-Methylphenol	23 U	23 U	21 U	470 U	20 U	21 U
2-Nitroaniline	24 U	24 U	21 U	480 U	21 U	22 U
2-Nitrophenol	25 U	25 U	22 U	490 U	21 U	22 U
3,3'-Dichlorobenzidine	80 U	80 U	70 U	1,600 U	70 U	73 U
3-Nitroaniline	12 U	12 U	11 U	250 U	11 U	11 U
4,6-Dinitro-2-methylphenol	170 U	170 U	150 U	3,400 U	150 U	150 U
4-Bromophenyl phenyl ether	25 U	25 U	22 U	500 U	22 U	23 U
4-Chloro-3-methylphenol	16 U	16 U	14 U	320 U	14 U	15 U
4-Chloroaniline	63 U	64 U	56 U	1300 U	55 U	58 U
4-Chlorophenyl phenyl ether	29 U	29 U	25 U	580 U	25 U	26 U
4-Methylphenol	110 J	140 J	73 J	510 U	50 J	60 J
4-Nitroaniline	30 U	30 U	26 U	600 U	26 U	27 U
4-Nitrophenol	29 U	30 U	26 U	590 U	26 U	27 U
Acenaphthene	170 J	190 J	110 J	1800 J	120 J	110 J
Acenaphthylene	91 J	97 J	65 J	380 U	130 J	220 J
Anthracene	440	410	320 J	7400 J	320 J	380
Benzo[a]anthracene	1,700	1,400	1,300	25,000	1,200	1,700
Benzo[a]pyrene	1,700	1,400	1,400	20,000	1,400	2,000
Benzo[b]fluoranthene	2,100	1,400	1,400	24,000	1,400	1,800
Benzo[g,h,i]perylene	1,900	2,000	1,800	13,000	1,800	2,200
Benzo[k]fluoranthene	760	580	500	7,500 J	520	730
Benzyl alcohol	37 U	37 U	32 U	740 U	32 U	33 U
Bis(2-chloroethoxy)methane	18 U	18 U	16 U	360 U	16 U	16 U
Bis(2-chloroethyl)ether	20 U	20 U	18 U	410 U	18 U	18 U
Bis(2-ethylhexyl) phthalate	620 B	700 B	630 B	1,700 J B	730 B	840 B
Butyl benzyl phthalate	22 U	37 J	31 J	440 U	44 J	44 J
Carbazole	120 J	130 J	100 J	940 J	100 J	72 J
Chrysene	1,800	1,400	1,400	26,000	1,300	1,700
Dibenz(a,h)anthracene	500	490	550	6,800 J	490	730
Dibenzofuran	130 J	110 J	86 J	4,700 J	96 J	91 J
Diethyl phthalate	39 U	39 U	34 U	790 U	42 J	36 U
Dimethyl phthalate	22 U	22 U	20 U	450 U	19 U	20 U
Di-n-butyl phthalate	150 J B	160 J B	150 J B	1,100 U	160 J B	150 J B
Di-n-octyl phthalate	22 U	22 U	19 U	440 U	19 U	20 U
Fluoranthene	2,800	2,000	1,800	47,000	1,600	1,800
Fluorene	210 J	240 J	140 J	6,500 J	160 J	150 J
Hexachlorobenzene	27 U	27 U	24 U	540 U	24 U	25 U
Hexachlorobutadiene	30 U	30 U	26 U	600 U	26 U	27 U
Hexachlorocyclopentadiene	180 U	180 U	160 U	3,700 U	160 U	170 U
Hexachloroethane	22 U	22 U	20 U	450 U	19 U	20 U
Indeno[1,2,3-cd]pyrene	2,100	2,100	1,900	15,000	1,900	2,400
Isophorone	21 U	22 U	19 U	430 U	19 U	20 U
Naphthalene	280 J	250 J	180 J	620 J	180 J	210 J
Nitrobenzene	25 U	25 U	22 U	500 U	22 U	23 U
N-Nitrosodi-n-propylamine	26 U	26 U	23 U	530 U	23 U	24 U
N-Nitrosodiphenylamine	22 U	22 U	19 U	440 U	19 U	20 U
Pentachlorophenol	240 U	240 U	210 U	4,800 U	210 U	220 U
Phenanthrene	1,500	1,500	1,100	27,000	1,200	1,100
Phenol	26 U	26 U	23 U	520 U	23 U	23 U
Pyrene	4,900	4,000	3,600	47,000	3,400	3,700

Table 2B

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

Semi-Volatile Organic Compounds

Client ID	CE-Stockpile-69A	CE-Stockpile-69B	CE-Stockpile-69C	CE-Stockpile-69D	CE-Stockpile-69E	CE-Stockpile-69F
Lab Sample ID	220-12119-1	220-12119-2	220-12119-3	220-12119-4	220-12119-5	220-12119-6
Date Sampled	5/3/2010	5/3/2010	5/3/2010	5/3/2010	5/4/2010	5/4/2010
Dilution	2	5	2	5	2	4
ug/kg						
1,2,4-Trichlorobenzene	580 J	2,200	46 U	1,300 J	130 J	310 J
1,2-Dichlorobenzene	42 U	100 U	41 U	110 U	46 U	110 U
1,3-Dichlorobenzene	36 U	87 U	35 U	94 U	39 U	93 U
1,4-Dichlorobenzene	53 J	100 U	41 U	110 U	46 U	110 U
2,2'-oxybis[1-chloropropane]	37 U	91 U	36 U	97 U	41 U	96 U
2,4,5-Trichlorophenol	36 U	88 U	35 U	95 U	39 U	93 U
2,4,6-Trichlorophenol	20 U	48 U	19 U	51 U	21 U	51 U
2,4-Dichlorophenol	38 U	93 U	37 U	100 U	42 U	99 U
2,4-Dimethylphenol	35 U	85 U	34 U	91 U	38 U	90 U
2,4-Dinitrophenol	210 U	520 U	210 U	560 U	240 U	560 U
2,4-Dinitrotoluene	57 U	140 U	56 U	150 U	62 U	150 U
2,6-Dinitrotoluene	21 U	51 U	20 U	55 U	23 U	54 U
2-Chloronaphthalene	30 U	74 U	30 U	80 U	33 U	79 U
2-Chlorophenol	41 U	100 U	41 U	110 U	46 U	110 U
2-Methylnaphthalene	500 J	1,100 J	160 J	1,200 J	540 J	1,200 J
2-Methylphenol	43 U	100 U	42 U	110 U	47 U	110 U
2-Nitroaniline	43 U	110 U	42 U	110 U	48 U	110 U
2-Nitrophenol	45 U	110 U	44 U	120 U	49 U	120 U
3,3'-Dichlorobenzidine	150 U	360 U	140 U	390 U	160 U	380 U
3-Nitroaniline	23 U	56 U	22 U	60 U	25 U	59 U
4,6-Dinitro-2-methylphenol	310 U	750 U	300 U	810 U	340 U	800 U
4-Bromophenyl phenyl ether	46 U	110 U	45 U	120 U	51 U	120 U
4-Chloro-3-methylphenol	29 U	72 U	29 U	77 U	32 U	76 U
4-Chloroaniline	120 U	280 U	110 U	310 U	130 U	300 U
4-Chlorophenyl phenyl ether	53 U	130 U	51 U	140 U	58 U	140 U
4-Methylphenol	47 U	110 U	46 U	120 U	51 U	120 U
4-Nitroaniline	55 U	130 U	53 U	140 U	60 U	140 U
4-Nitrophenol	54 U	130 U	53 U	140 U	59 U	140 U
Acenaphthene	42 U	100 U	530 J	780 J	89 J	110 U
Acenaphthylene	100 J	85 U	34 U	200 J	140 J	110 J
Anthracene	1,100	2,200	1,500	4,800	1,600	3,700
Benzo[a]anthracene	4,200	5,700	3,400	14,000	4,500	8,000
Benzo[a]pyrene	3,900	4,900	3,300	12,000	3,800	6,500
Benzo[b]fluoranthene	5,000	7,000	3,700	15,000	4,500	7,800
Benzo[g,h,i]perylene	3,300	4,200	2,700	12,000	3,700	5,700
Benzo[k]fluoranthene	1,900	2,200	1,400	5,400	1,700	3,000
Benzyl alcohol	67 U	170 U	66 U	180 U	74 U	180 U
Bis(2-chloroethoxy)methane	33 U	81 U	32 U	87 U	36 U	86 U
Bis(2-chloroethyl)ether	37 U	91 U	36 U	97 U	41 U	96 U
Bis(2-ethylhexyl) phthalate	170 J	170 U	67 U	200 J	95 J	180 U
Butyl benzyl phthalate	40 U	98 U	39 U	110 U	44 U	100 U
Carbazole	610 J	1,400 J	520 J	1800 J	720 J	1,600 J
Chrysene	4,400	5,400	3,300	13,000	4,200	7,500
Dibenz(a,h)anthracene	1,200	2,000	55 U	4,300	1,500	2,500
Dibenzofuran	620 J	1,300 J	360 J	1,800 J	680 J	1,700 J
Diethyl phthalate	72 U	180 U	70 U	190 U	79 U	190 U
Dimethyl phthalate	41 U	100 U	40 U	110 U	45 U	110 U
Di-n-butyl phthalate	840	2,100	100 U	2,200	930	2,200
Di-n-octyl phthalate	40 U	99 U	40 U	110 U	44 U	110 U
Fluoranthene	6,000	9,200	7,200	26,000	7,900	15,000
Fluorene	400 J	630 J	130 J	2,000	710 J	1,600 J
Hexachlorobenzene	49 U	120 U	48 U	130 U	54 U	130 U
Hexachlorobutadiene	55 U	130 U	54 U	140 U	60 U	140 U
Hexachlorocyclopentadiene	340 U	820 U	330 U	880 U	370 U	870 U
Hexachloroethane	41 U	100 U	40 U	110 U	45 U	110 U
Indeno[1,2,3-cd]pyrene	3,900	4,900	3,500	15,000	4,600	7,600
Isophorone	39 U	96 U	39 U	100 U	43 U	100 U
Naphthalene	650 J	1,200 J	36 U	1400 J	670 J	1,400 J
Nitrobenzene	45 U	110 U	44 U	120 U	50 U	120 U
N-Nitrosodi-n-propylamine	48 U	120 U	47 U	130 U	53 U	120 U
N-Nitrosodiphenylamine	40 U	98 U	39 U	110 U	44 U	100 U
Pentachlorophenol	430 U	1,100 U	420 U	1100 U	480 U	1100 U
Phenanthrene	3,300	5,400	4,700	19,000	5,900	13,000
Phenol	47 U	120 U	46 U	120 U	52 U	120 U
Pyrene	7,500	10,000	5,400	30,000	10,000	19,000

Table 2B

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

Semi-Volatile Organic Compounds

Client ID	CE-Stockpile-69-1	CE-Stockpile-68H	CE-Stockpile-68I	CE-Stockpile-68J	CE-Stockpile-68K
Lab Sample ID	220-12119-7	220-12119-8	220-12119-9	220-12119-10	220-12119-11
Date Sampled	5/3/2010	5/3/2010	5/3/2010	5/3/2010	5/3/2010
Dilution	10	1	1	1	5
ug/kg					
1,2,4-Trichlorobenzene	1,500 J	20 U	19 U	37 J	100 U
1,2-Dichlorobenzene	220 U	18 U	17 U	18 U	93 U
1,3-Dichlorobenzene	180 U	16 U	15 U	15 U	79 U
1,4-Dichlorobenzene	220 U	18 U	17 U	30 J	93 U
2,2'-oxybis[1-chloropropane]	190 U	16 U	15 U	16 U	82 U
2,4,5-Trichlorophenol	190 U	16 U	15 U	15 U	79 U
2,4,6-Trichlorophenol	100 U	8.5 U	8.0 U	8.3 U	43 U
2,4-Dichlorophenol	200 U	17 U	16 U	16 U	84 U
2,4-Dimethylphenol	180 U	15 U	14 U	15 U	76 U
2,4-Dinitrophenol	1,100 U	93 U	87 U	90 U	470 U
2,4-Dinitrotoluene	290 U	25 U	23 U	24 U	130 U
2,6-Dinitrotoluene	110 U	9.1 U	8.5 U	8.8 U	46 U
2-Chloronaphthalene	160 U	13 U	12 U	13 U	67 U
2-Chlorophenol	210 U	18 U	17 U	18 U	91 U
2-Methylnaphthalene	2,300 J	200 J	200 J	230 J	1,000 J
2-Methylphenol	220 U	19 U	17 U	18 U	94 U
2-Nitroaniline	220 U	19 U	18 U	18 U	96 U
2-Nitrophenol	230 U	20 U	18 U	19 U	99 U
3,3'-Dichlorobenzidine	760 U	64 U	60 U	62 U	320 U
3-Nitroaniline	120 U	9.9 U	9.3 U	9.6 U	50 U
4,6-Dinitro-2-methylphenol	1,600 U	130 U	130 U	130 U	680 U
4-Bromophenyl phenyl ether	240 U	20 U	19 U	19 U	100 U
4-Chloro-3-methylphenol	150 U	13 U	12 U	12 U	65 U
4-Chloroaniline	600 U	51 U	47 U	49 U	260 U
4-Chlorophenyl phenyl ether	270 U	23 U	21 U	22 U	120 U
4-Methylphenol	240 U	20 U	19 U	20 U	100 U
4-Nitroaniline	280 U	24 U	22 U	23 U	120 U
4-Nitrophenol	280 U	24 U	22 U	23 U	120 U
Acenaphthene	220 U	18 U	17 U	18 U	93 U
Acenaphthylene	1,400 J	15 U	14 U	16 J	77 U
Anthracene	4,500	390	370	470	2,400
Benzo[a]anthracene	17,000	840	950	1,500	7,400
Benzo[a]pyrene	16,000	760	880	1,300	6,200
Benzo[b]fluoranthene	18,000	890	950	1,500	6,700
Benzo[g,h,i]perylene	15,000	790	810	1,200	4,400
Benzo[k]fluoranthene	7,400	310	360	570	2,700
Benzyl alcohol	350 U	29 U	28 U	28 U	150 U
Bis(2-chloroethoxy)methane	170 U	14 U	13 U	14 U	73 U
Bis(2-chloroethyl)ether	190 U	16 U	15 U	16 U	82 U
Bis(2-ethylhexyl) phthalate	360 U	280 J	190 J	3,200	270 J
Butyl benzyl phthalate	210 U	170 J	35 J	69 J	110 J
Carbazole	2,900 J	270 J	240 J	290 J	1,300 J
Chrysene	16,000	800	960	1,500	6,600
Dibenz(a,h)anthracene	5,800	410	400	570	2,400
Dibenzofuran	2,800 J	260 J	250 J	290 J	1,400 J
Diethyl phthalate	370 U	31 U	29 U	30 U	160 U
Dimethyl phthalate	210 U	18 U	17 U	17 U	90 U
Di-n-butyl phthalate	4,400	370	350	360	1,900
Di-n-octyl phthalate	210 U	18 U	17 U	17 U	89 U
Fluoranthene	19,000	1,100	980	1,600	6,500
Fluorene	1,400 J	150 J	130 J	220 J	1,300 J
Hexachlorobenzene	260 U	22 U	20 U	21 U	110 U
Hexachlorobutadiene	280 U	24 U	22 U	23 U	120 U
Hexachlorocyclopentadiene	1,700 U	150 U	140 U	140 U	740 U
Hexachloroethane	210 U	18 U	17 U	17 U	90 U
Indeno[1,2,3-cd]pyrene	19,000	1,000	970	1,500	6,300
Isophorone	200 U	17 U	16 U	17 U	87 U
Naphthalene	2,600 J	230 J	250 J	300	1,100 J
Nitrobenzene	240 U	20 U	19 U	19 U	100 U
N-Nitrosodi-n-propylamine	250 U	21 U	20 U	20 U	110 U
N-Nitrosodiphenylamine	210 U	18 U	16 U	17 U	89 U
Pentachlorophenol	2,200 U	190 U	180 U	180 U	960 U
Phenanthrene	8,400	880	800	1,600	8,400
Phenol	240 U	21 U	19 U	34 J	100 U
Pyrene	31,000	1,800	2,200	3,200	13,000

Table 2C

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

Metals

Client ID Lab Sample ID Date Sampled mg/kg	CE-Stockpile 68-1 220-11286-7 1/11/2010	CE-Stockpile-69-1 220-12119-7 5/3/2010
Arsenic	13.1	14.5
Barium	461	79.7
Cadmium	1.7 J	0.77 J
Chromium	25.4	43.7
Copper	94.3	158
Lead	1,310	380
Mercury	1.2	0.92
Nickel	21.2	29.7
Selenium	4.6 U	4.2 U
Silver	0.32 J	0.78 J
Zinc	795	339

Table 2D

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

Polychlorinated Biphenyls

Client ID	**CE-Stockpile 68-1**	**CE-Stockpile-69-1**
Lab Sample ID	**220-11286-7**	**220-12119-7**
Date Sampled	**1/11/2010**	**5/3/2010**
Dilution	**1**	**500**
ug/kg		
PCB-1016	2 U	910 U
PCB-1221	2 U	910 U
PCB-1232	2 U	910 U
PCB-1242	2 U	910 U
PCB-1248	2 U	910 U
PCB-1254	78 p	990 U
PCB-1260	270	74,000

Table 2E

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

TCLP *Pesticides*

Client ID Lab Sample ID Date Sampled mg/L	CE-Stockpile 68-A 220-11286-1 1/11/2010	CE-Stockpile-69A 220-12119-1 5/3/2010
1,1-Dichloroethene	0.00083 U	0.00083 U
1,2-Dichloroethane	0.00072 U	0.00072 U
Benzene	0.00074 U	0.00074 U
Carbon tetrachloride	0.0011 U	0.0011 U
Chlorobenzene	0.00072 U	0.00072 U
Chloroform	0.0026 J B	0.00067 U
Methyl Ethyl Ketone	0.0025 J	0.0011 J B
Tetrachloroethene	0.00081 U	0.00081 U
Trichloroethene	0.00062 U	0.00062 U
Vinyl chloride	0.00098 U	0.00098 U

Table 2F

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

TCLP *Semi-Volatile Organic Compounds*

Client ID Lab Sample ID Date Sampled mg/L	CE-Stockpile 68-1 220-11286-7 1/11/2010	CE-Stockpile-69-1 220-12119-7 5/3/2010
1,4-Dichlorobenzene	0.00062 U	0.00062 U
2,4,5-Trichlorophenol	0.00056 U	0.00056 U
2,4,6-Trichlorophenol	0.00074 U	0.00074 U
2,4-Dinitrotoluene	0.00080 U	0.00080 U
2-Methylphenol	0.00048 U	0.00048 U
4-Methylphenol	0.00058 U	0.00058 U
Hexachlorobenzene	0.00066 U	0.00066 U
Hexachlorobutadiene	0.00040 U	0.00040 U
Hexachloroethane	0.00074 U	0.00074 U
Nitrobenzene	0.00056 U	0.00056 U
Pentachlorophenol	0.00062 U	0.00062 U
Pyridine	0.0077 U	0.0077 U

Table 2G

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

TCLP *Metals*

Client ID **Lab Sample ID** **Date Sampled** **mg/L**	**CE-Stockpile 68-1** **220-11286-7** **1/11/2010**	**CE-Stockpile-69-1** **220-12119-7** **5/3/2010**
Arsenic	0.020 U	0.020 U
Barium	0.70	0.45
Cadmium	0.0050 U	0.0060 J
Chromium	0.0025 U	0.0026 J
Copper	0.012 J	0.18
Lead	1.4	0.40
Mercury	0.0010 U	0.0010 U
Nickel	0.063	0.089
Selenium	0.062 U	0.062 U
Silver	0.0012 U	0.0012 U
Zinc	3.1	4.2

Table 2H

Flushing Industrial Park, Parcels 1, 2 and 3

Waste Characterization Results Clean Earth Philadelphia Disposal Facility

Soil Analytical Results

TCLP Pesticides

Client ID Lab Sample ID Date Sampled mg/L	CE-Stockpile 68-1 220-11286-7 1/11/2010	CE-Stockpile-69-1 220-12119-7 5/3/2010
2,4-D	0.00010 U	0.050 U
2,4,5-TP (Silvex)	0.000090 U	0.050 U
Chlordane (technical)	0.00021 U	0.000085 U
Endrin	0.000068 U	0.000027 U
gamma-BHC (Lindane)	0.000028 U	0.000011 U
Heptachlor	0.000030 U	0.000012 U
Heptachlor epoxide	0.000028 U	0.000011 U
Methoxychlor	0.00041 U	0.00016 U
Toxaphene	0.00020 U	0.000080 U

Tables 2A-H
Flushing Industrial Park, Parcels 1, 2 and 3
Waste Characterization Results Clean Earth Philadelphia Disposal Facility
Soil Analytical Results
Notes

GENERAL

NA : Not analyzed.

U : The analyte was not detected at the indicated concentration.

J : The concentration given is an estimated value.

B : The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

p : The relative percent difference (RPD) between the primary and confirmation column/detector is >40%. The lower value has been reported.

***** Laboratory Control Standard or Laboratory Control Standard Duplicate exceeds the control limits.

TCLP : Toxicity Characteristics Leaching Procedure.

µg/kg : micrograms per kilogram = parts per billion (ppb)

mg/kg : milligrams per kilogram = parts per million (ppm)

mg/L : milligrams per Liter = parts per million (ppm)

OUTGOING WASTE TRACKING
Table 3
Flushing Industrial Park, Parcels 1, 2 and 3
Flushing, New York

Truck # (per day)	Depart Date	Manifest Number	Truck ID	License Plate	Disposal Facility	Description of Waste	Disposal Date	Weight (tons)
1	1/5/2010	378418	Rainbow 847	AJ1755	Clean Earth: Philly	Non-haz (stockpile #66)	1/5/2010	26.04
2	1/5/2010	378417	NJ 822	AL660X	Clean Earth: Philly	Non-haz (stockpile #66)	1/5/2010	25.22
3	1/5/2010	378193	Rainbow 847	AJ1755	Clean Earth: Philly	Non-haz (stockpile #66)	1/5/2010	31.81
4	1/5/2010	378194	NJ 822	AL660X	Clean Earth: Philly	Non-haz (stockpile #66)	1/5/2010	28.14
1	1/7/2010	369687	Rainbow 824	AK457Y	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	26.48
2	1/7/2010	369683	Rainbow 880	AL778 N	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	28.29
3	1/7/2010	369684	Rainbow 881	AL803 R	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	26.62
4	1/7/2010	369685	NJ 823	AK661X	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	28.15
5	1/7/2010	369686	Rainbow 828	AL730J	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	28.79
6	1/7/2010	369668	Rainbow 824	AK457Y	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	29.29
7	1/7/2010	369672	Rainbow 880	AL778N	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	29.79
8	1/7/2010	369671	Rainbow 881	AL803R	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	29.38
9	1/7/2010	369670	NJ 823	AK661X	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	30.14
10	1/7/2010	369669	Rainbow 828	AL730J	Clean Earth: Carteret	Non-haz (stockpile #65)	1/7/2010	31.49
1	1/11/2010	378416	Rainbow 816	AK534T	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	28.10
2	1/11/2010	378415	Rainbow 886	AL639S	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	28.97
3	1/11/2010	378413	Rainbow 02	AL658B	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	26.13
4	1/11/2010	378414	Rainbow 819	AK503Z	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	27.53
5	1/11/2010	378412	Rainbow 80	AL599A	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	28.44
6	1/11/2010	369747	Rainbow 886	AL639S	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	27.70
7	1/11/2010	369743	Rainbow 816	AK534T	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	28.98
8	1/11/2010	369744	Rainbow 02	AL658B	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	29.19
9	1/11/2010	369746	Rainbow 80	AL599A	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	24.65
10	1/11/2010	369745	Rainbow 819	AK503Z	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	28.51
11	1/11/2010	369748	Rainbow 816	AK534T	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	31.48
12	1/11/2010	369751	Rainbow 886	AL639S	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	29.71
13	1/11/2010	369749	Rainbow 02	AL658B	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	26.13
14	1/11/2010	369750	Rainbow 80	AL599A	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	29.23
15	1/11/2010	369752	Rainbow 819	AK503Z	Clean Earth: Carteret	Non-haz (stockpile #65)	1/11/2010	31.54
1	6/9/2010	249380	Rainbow 880	AL778N	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	28.53
2	6/9/2010	249382	Rainbow 828	AM854L	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	31.34
3	6/9/2010	249384	Rainbow 881	AL803R	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	29.42
4	6/9/2010	249389	Rainbow 862	AL251K	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	27.99
5	6/9/2010	249386	Rainbow 888	AM354H	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	30.16

OUTGOING WASTE TRACKING
Table 3
Flushing Industrial Park, Parcels 1, 2 and 3
Flushing, New York

Truck # (per day)	Depart Date	Manifest Number	Truck ID	License Plate	Disposal Facility	Description of Waste	Disposal Date	Weight (tons)
6	6/9/2010	249381	Rainbow 880	AL778N	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	26.03
7	6/9/2010	249383	Rainbow 828	AM854L	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	27.71
8	6/9/2010	249385	Rainbow 881	AM803R	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	24.91
9	6/9/2010	249387	Rainbow 888	AM354H	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	31.12
10	6/9/2010	408453	Rainbow 862	AL251K	Clean Earth: Philly	Non-haz (stockpile#68)	6/9/2010	29.54
1	6/10/2010	408452	Rainbow 882	AM286B	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	33.18
2	6/10/2010	408451	Rainbow 02	AL658B	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	28.30
3	6/10/2010	408450	Rainbow 874	AL130M	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	28.15
4	6/10/2010	408449	Rainbow 872	AM635D	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	29.41
5	6/10/2010	408448	Nicholas J 825	AM234M	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	30.12
6	6/10/2010	408447	Nicholas J 207	AM856L	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	28.88
7	6/10/2010	408441	Rainbow 874	AL130M	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	31.49
8	6/10/2010	408442	Rainbow 882	AM286B	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	33.22
9	6/10/2010	408443	Rainbow 02	AL658B	Clean Earth: Philly	Non-haz (stockpile#68)	6/10/2010	31.97
10	6/10/2010	408444	Rainbow 872	AM635D	Clean Earth: Philly	Non-haz (stockpile#68/69)	6/10/2010	27.50
11	6/10/2010	408445	Nicholas J 825	AM234M	Clean Earth: Philly	Non-haz (stockpile#68/69)	6/10/2010	27.26
12	6/10/2010	408446	Nicholas J 207	AM856L	Clean Earth: Philly	Non-haz (stockpile#68/69)	6/10/2010	28.20
1	6/11/2010	408440	Rainbow 05	AL373S	Clean Earth: Philly	Non-haz (stockpile#68/69)	6/11/2010	29.71
2	6/11/2010	408374	Nicholas J 817	AM231M	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	31.31
3	6/11/2010	408377	Nicholas J 206	AM489A	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	31.55
4	6/11/2010	408375	Nicholas J 201	AL558Z	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	28.89
5	6/11/2010	408381	Rainbow 871	AM285B	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	29.78
6	6/11/2010	408380	Nicholas J 200	AM876P	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	29.41
7	6/11/2010	408379	Nicholas J 869	AM193E	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	29.82
8	6/11/2010	408376	Rainbow 878	AL774N	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	34.00
9	6/11/2010	408378	Nicholas J 817	AM231M	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	31.66
10	6/11/2010	408396	Nicholas J 206	AM489A	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	32.74
11	6/11/2010	408395	Nicholas J 201	AL558Z	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	32.39
12	6/11/2010	408394	Rainbow 871	AM285B	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	32.26
13	6/11/2010	408392	Rainbow 878	AL774N	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	34.04
14	6/11/2010	408393	Nicholas J 200	AM876P	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	34.61
15	6/11/2010	426940	Rainbow 05	AL373S	Clean Earth: Philly	Non-haz (stockpile#68/69)	6/11/2010	30.71
16	6/11/2010	408391	Nicholas J 869	AM193E	Clean Earth: Carteret	Non haz (stockpile #65)	6/11/2010	31.53

OUTGOING WASTE TRACKING
Table 3
Flushing Industrial Park, Parcels 1, 2 and 3
Flushing, New York

Truck # (per day)	Depart Date	Manifest Number	Truck ID	License Plate	Disposal Facility	Description of Waste	Disposal Date	Weight (tons)
1	6/14/2010	427040	Nicholas J 821	AM233M	Clean Earth: Carteret	Non haz (stockpile #65)	6/14/2010	32.15
2	6/14/2010	408389	Nicholas J 206	AM489A	Clean Earth: Carteret	Non haz (stockpile #65)	6/14/2010	32.59
3	6/14/2010	408390	Nicholas J 201	AL558Z	Clean Earth: Carteret	Non haz (stockpile #65)	6/14/2010	33.49
4	6/14/2010	408388	Nicholas J 821	AM233M	Clean Earth: Carteret	Non haz (stockpile #65)	6/14/2010	29.37
5	6/14/2010	408387	Nicholas J 206	AM489A	Clean Earth: Carteret	Non haz (stockpile #65)	6/14/2010	31.52
6	6/14/2010	408386	Nicholas J 29	AL558Z	Clean Earth: Carteret	Non haz (stockpile #65)	6/14/2010	28.15
1	6/15/2010	408384	Nicholas J 844	AM235M	Clean Earth: Carteret	Non haz (stockpile #65)	6/15/2010	32.59
2	6/15/2010	408383	Nicholas J 826	AJ560T	Clean Earth: Carteret	Non haz (stockpile #65)	6/15/2010	31.61
3	6/15/2010	408382	Nicholas J 826	AJ560T	Clean Earth: Carteret	Non haz (stockpile #65)	6/15/2010	31.99
4	6/15/2010	408385	Nicholas J 844	AM235M	Clean Earth: Carteret	Non haz (stockpile #65)	6/15/2010	27.56

NON-HAZARDOUS WASTE SUMMARY BY MONTH

	No. of Trucks	Weight (tons)
Jan-10	29	825.92
Jun-10	48	1,459.86
TOTALS	**77**	**2,285.78**

NON-HAZARDOUS WASTE SUMMARY BY DISPOSAL FACILITY

	No. of Trucks	Weight (tons)
Clean Earth Carteret	49	1,469.72
Clean Earth Phil.	28	816.06
TOTALS	**77**	**2,285.78**

Notes:
Clean Earth: Carteret = Clean Earth of Carteret facility at 24 Middlesex Avenue, Carteret, NJ
Clean Earth: Philly = Clean Earth of Philadelphia facility at 3201 S. 61st Street, Philadelphia, PA

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-1			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820120	831824	200-1086-2	220-13862-2
Date Sampled			2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution			3.33	10	5	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	3.7 U	11 U	1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	4.6 U	14 U	1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	5.1 U	15 U	1 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	3.7 U	11 U	1 U	0.2 U
1,1-Dichloroethane	NS	630	2.7 U	8.1 U	1 U	0.2 U
1,1-Dichloroethene	NS	70,000	2.7 U	7.9 U	1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	13 U	37 U	2.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	15	9.8 U	1 U	0.66
1,2-Dibromoethane	NS	1.7	5.1 U	15 U	1 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	4 U	12 U	1 U	0.2 U
1,2-Dichloroethane	NS	38	2.7 U	8.1 U	1 U	0.2 U
1,2-Dichloroethene (cis)	NS	63,000	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloropropane	NS	4,000	3.1 U	9.2 U	1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	4.7 U	14 U	1 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	24	18	2.1	0.65
1,3-Butadiene	NS	33	3.8 U	11 U	1 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	20	12 U	1 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	3 U	9.1 U	1 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	3 U	9.1 U	1 U	0.2 U
1,4-Dichlorobenzene	NS	90	4 U	12 U	1 U	0.2 U
1,4-Dioxane	3,000	130	61 U	180 U	25 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	3.1 U	9.3 U	1 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	3.5 U	10 U	1 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	5.3 U	16 U	2.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	9.8	9.8 U	1 U	0.22
Acetone	180,000	28,000,000	40 U	120 U	25 U	5 U
Benzene	1300	130	2.6	6.4 U	1 U	0.2 U
Bromodichloromethane	NS	20	4.5 U	13 U	1 U	0.2 U
Bromoform	NS	910	6.9 U	21 U	1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	2.6 U	7.8 U	1 U	0.2 U
Carbon disulfide	6,200	700000	5.3 U	16 U	2.5 U	0.5 U
Carbon tetrachloride	1,900	67	4.2 U	13 U	1 U	0.2 U
Chlorobenzene	NS	110,000	3.1 U	9.2 U	1 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	4.5 U	13 U	2.5 U	0.5 U
Chloroform	150	43	3.3 U	9.8 U	1 U	1.4
Chloromethane (Methyl chloride)	22,000	NS	3.5 U	10 U	2.5 U	0.5 U
Cyclohexane	NS	6,000,000	4.5	6.9 U	1 U	0.22
Dibromochloromethane	NS	NS	5.7 U	17 U	1 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	8.4 U	25 U	2.5 U	0.5 U
Ethylbenzene	54,000	1,000,000	16	8.7 U	1 U	2.3
Hexachlorobutadiene	NS	45	7.1 U	21 U	1 U	0.2 U
Isopropanol	98,000	7,000,000	160	120 U	25 U	7.4
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	7 U	20 U	2.7	1.2
Methyl ethyl ketone (2-Butanone)	13,000	NS	5 U	15 U	2.5 U	2.8
Methyl isobutyl ketone	31,000	3,000,000	7 U	20 U	2.5 U	0.5 U
Methylene Chloride	14,000	2,100	6.6	17 U	2.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	6.1 U	18 U	1 U	0.2 U
n-Heptane	210,000	3,900,000	27	8.2	1 U	0.49
n-Hexane	NS	700,000	6 U	18 U	1 U	0.31
Styrene	17,000	1,000,000	3.3	8.5 U	1 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	NS	52 U	150 U	25 U	5 U
Tetrachloroethene (PCE)	1,000	NS	4.5 U	14 U	1 U	0.45
Tetrahydrofuran	30,000	350,000	50 U	150 U	25 U	5 U
Toluene **	37,000	5,000,000	16	7.5 U	1 U	0.8
Trichloroethene (TCE)	14,000	NS	3.6 U	11 U	1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	NS	3.8 U	11 U	1 U	0.27
Vinyl bromide	NS	3,000	2.9 U	8.7 U	1 U	0.2 U
Vinyl Chloride	180,000	110	1.7 U	5.1 U	1 U	0.2 U
Xylene (m&p)	4,300	NS	52	14	3.5	7
Xylene (m,p)	4,300	NS	30	17 U	2.5 U	8.6
Xylene (o)	4,300	NS	23	14	1.9	1.6
Total VOCs	NS	NS	409.8	54.2	10.2	36.37

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-2			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820121	831825	200-1086-3	220-13862-3
Date Sampled			2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution			10	10	5	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	11 U	11 U	1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	14 U	14 U	1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	15 U	15 U	1 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	11 U	11 U	1 U	0.2 U
1,1-Dichloroethane	NS	630	8.1 U	8.1 U	1 U	0.2 U
1,1-Dichloroethene	NS	70,000	7.9 U	7.9 U	1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	37 U	37 U	2.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	9.8 U	9.8 U	1.2	0.27
1,2-Dibromoethane	NS	1.7	15 U	15 U	1 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	12 U	12 U	1 U	0.2 U
1,2-Dichloroethane	NS	38	8.1 U	8.1 U	1 U	0.2 U
1,2-Dichloroethene (cis)	NS	63,000	7.9 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	7.9 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	7.9 U	7.9 U	1 U	0.2 U
1,2-Dichloropropane	NS	4,000	9.2 U	9.2 U	1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	14 U	14 U	1 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	29	14	2.7	0.37
1,3-Butadiene	NS	33	11 U	11 U	1 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	23	12 U	1 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	9.1 U	9.1 U	1 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	9.1 U	9.1 U	1 U	0.2 U
1,4-Dichlorobenzene	NS	90	12 U	12 U	1 U	0.2 U
1,4-Dioxane	3,000	130	180 U	180 U	25 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	40	21	1.6	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	10 U	10 U	1 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	16 U	16 U	2.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	9.8 U	9.8 U	1.2	0.2 U
Acetone	180,000	28,000,000	120 U	120 U	34	5.2
Benzene	1300	130	6.4 U	6.4 U	1	0.25
Bromodichloromethane	NS	20	13 U	13 U	1 U	0.2 U
Bromoform	NS	910	21 U	21 U	1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	7.8 U	7.8 U	1 U	0.2 U
Carbon disulfide	6,200	700000	16 U	16 U	2.5 U	0.5 U
Carbon tetrachloride	1,900	67	13 U	13 U	1 U	0.2 U
Chlorobenzene	NS	110,000	9.2 U	9.2 U	1 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	20	13 U	2.5 U	0.5 U
Chloroform	150	43	9.8 U	9.8 U	1 U	0.23
Chloromethane (Methyl chloride)	22,000	NS	10 U	10 U	2.5 U	0.5
Cyclohexane	NS	6,000,000	6.9	6.9 U	1 U	0.2 U
Dibromochloromethane	NS	NS	17 U	17 U	1 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	25 U	25 U	2.5 U	0.5 U
Ethylbenzene	54,000	1,000,000	14	8.7 U	1 U	1.5
Hexachlorobutadiene	NS	45	21 U	21 U	1 U	0.2 U
Isopropanol	98,000	7,000,000	140	120 U	25 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	20 U	20 U	9.8	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	15 U	15 U	7	0.64
Methyl isobutyl ketone	31,000	3,000,000	20 U	20 U	2.5 U	0.5 U
Methylene Chloride	14,000	2,100	17 U	17 U	2.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	18 U	18 U	1 U	0.2 U
n-Heptane	210,000	3,900,000	30	21	4.3	0.52
n-Hexane	NS	700,000	18 U	18 U	1 U	0.22
Styrene	17,000	1,000,000	8.5 U	8.5 U	1 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	NS	150 U	150 U	25 U	5 U
Tetrachloroethene (PCE)	1,000	NS	14 U	14 U	1	0.2 U
Tetrahydrofuran	30,000	350,000	150 U	150 U	25 U	5 U
Toluene **	37,000	5,000,000	9	7.5 U	1 U	1.1
Trichloroethene (TCE)	14,000	NS	11 U	11 U	1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	NS	11 U	11 U	1 U	0.26
Vinyl bromide	NS	3,000	8.7 U	8.7 U	1 U	0.2 U
Vinyl Chloride	180,000	110	5.1 U	5.1 U	1 U	0.2 U
Xylene (m&p)	4,300	NS	23	9.1	2	3.7
Xylene (m,p)	4,300	NS	17 U	17 U	2.5 U	4.8
Xylene (o)	4,300	NS	23	9.1	1 U	1.1
Total VOCs	NS	NS	357.9	74.2	65.8	20.66

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-3			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820122	831826	200-1086-4	220-13862-4
Date Sampled			2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution			3.33	10	5	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	3.7 U	11 U	1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	4.6 U	14 U	1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	5.1 U	15 U	1 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	3.7 U	11 U	1 U	0.2 U
1,1-Dichloroethane	NS	630	2.7 U	8.1 U	1 U	0.2 U
1,1-Dichloroethene	NS	70,000	2.7 U	7.9 U	1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	13 U	37 U	2.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	10	9.8 U	1	1.1
1,2-Dibromoethane	NS	1.7	5.1 U	15 U	1 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	4 U	12 U	1 U	0.2 U
1,2-Dichloroethane	NS	38	2.7 U	8.1 U	1 U	0.2 U
1,2-Dichloroethene (cis)	NS	63,000	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloropropane	NS	4,000	3.1 U	9.2 U	1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	4.7 U	14 U	1 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	6.4	17	7.2	1.8
1,3-Butadiene	NS	33	3.8 U	11 U	1 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	34	12 U	1 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	3 U	9.1 U	1 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	3 U	9.1 U	1 U	0.2 U
1,4-Dichlorobenzene	NS	90	4 U	12 U	1 U	0.2 U
1,4-Dioxane	3,000	130	61 U	180 U	25 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	3.1 U	9.3 U	1 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	3.5 U	10 U	1 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	5.3 U	16 U	2.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	3.6	9.8 U	1 U	0.81
Acetone	180,000	28,000,000	140	120 U	25 U	5 U
Benzene	1300	130	2.1 U	6.4 U	1 U	0.21
Bromodichloromethane	NS	20	4.5 U	13 U	1 U	0.2 U
Bromoform	NS	910	6.9 U	21 U	1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	2.6 U	7.8 U	1 U	0.2 U
Carbon disulfide	6,200	700000	5.3 U	16 U	2.5 U	0.5 U
Carbon tetrachloride	1,900	67	4.2 U	13 U	1 U	0.2 U
Chlorobenzene	NS	110,000	3.1 U	9.2 U	1 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	4.5 U	13 U	2.5 U	1.2
Chloroform	150	43	3.3 U	9.8 U	1 U	0.53
Chloromethane (Methyl chloride)	22,000	NS	3.5 U	10 U	2.5 U	0.5 U
Cyclohexane	NS	6,000,000	2.3 U	6.9 U	1.3	0.2 U
Dibromochloromethane	NS	NS	5.7 U	17 U	1 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	8.4 U	25 U	2.5 U	0.5 U
Ethylbenzene	54,000	1,000,000	8.3	13	4.7	2.5
Hexachlorobutadiene	NS	45	7.1 U	21 U	1 U	0.2 U
Isopropanol	98,000	7,000,000	210	120 U	25 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	7 U	20 U	10	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	100	15 U	2.5 U	0.62
Methyl isobutyl ketone	31,000	3,000,000	7 U	20 U	2.5 U	0.5 U
Methylene Chloride	14,000	2,100	5.9 U	17 U	2.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	6.1 U	18 U	1 U	0.2 U
n-Heptane	210,000	3,900,000	3.6	8.2 U	5	2.6
n-Hexane	NS	700,000	6 U	18 U	1 U	0.2 U
Styrene	17,000	1,000,000	3.2	8.5 U	1 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	NS	52 U	150 U	25 U	5 U
Tetrachloroethene (PCE)	1,000	NS	4.5	14 U	1 U	0.43
Tetrahydrofuran	30,000	350,000	62	150 U	25 U	5 U
Toluene **	37,000	5,000,000	14	7.5 U	1 U	0.46
Trichloroethene (TCE)	14,000	NS	3.6 U	11 U	1 U	0.2
Trichlorofluoromethane (Freon 11)	68,000	NS	3.8 U	11 U	1 U	0.28
Vinyl bromide	NS	3,000	2.9 U	8.7 U	1 U	0.2 U
Vinyl Chloride	180,000	110	1.7 U	5.1 U	1 U	0.2 U
Xylene (m&p)	4,300	NS	38	27	13	7.6
Xylene (m,p)	4,300	NS	24	17 U	2.6	9.1
Xylene (o)	4,300	NS	13	27	11	1.5
Total VOCs	NS	NS	674.6	84	55.8	30.94

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-4			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820123	831827	200-1086-5	220-13862-5
Date Sampled			2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution			9.97	10	5	2
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	11 U	11 U	1 U	0.4 U
1,1,2,2-Tetrachloroethane	NS	16,000	14 U	14 U	1 U	0.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	15 U	15 U	1 U	0.4 U
1,1,2-Trichloroethane	NS	1,400	11 U	11 U	1 U	0.4 U
1,1-Dichloroethane	NS	630	8.1 U	8.1 U	1 U	0.4 U
1,1-Dichloroethene	NS	70,000	7.9 U	7.9 U	1 U	0.4 U
1,2,4-Trichlorobenzene	3,700	NS	37 U	37 U	2.5 U	1 U
1,2,4-Trimethylbenzene	NS	290,000	9.8 U	9.8 U	1 U	0.66
1,2-Dibromoethane	NS	1.7	15 U	15 U	1 U	0.4 U
1,2-Dichlorobenzene	30,000	360,000	12 U	12 U	1 U	0.4 U
1,2-Dichloroethane	NS	38	8.1 U	8.1 U	1 U	0.4 U
1,2-Dichloroethene (cis)	NS	63,000	7.9 U	7.9 U	1 U	0.4 U
1,2-Dichloroethene (trans)	NS	63,000	7.9 U	7.9 U	1 U	0.4 U
1,2-Dichloroethene,Total	NS	NS	7.9 U	7.9 U	1 U	0.4 U
1,2-Dichloropropane	NS	4,000	9.2 U	9.2 U	1 U	0.4 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	14 U	14 U	1 U	0.4 U
1,3,5-Trimethylbenzene	NS	290,000	9.8 U	35	4.3	2.6
1,3-Butadiene	NS	33	11 U	11 U	1 U	0.4 U
1,3-Dichlorobenzene	30,000	360,000	34	12 U	1 U	0.4 U
1,3-Dichloropropene (cis)	NS	NS	9.1 U	9.1 U	1 U	0.4 U
1,3-Dichloropropene (trans)	NS	NS	9.1 U	9.1 U	1 U	0.4 U
1,4-Dichlorobenzene	NS	90	12 U	12 U	1 U	0.4 U
1,4-Dioxane	3,000	130	180 U	180 U	25 U	10 U
2,2,4-Trimethylpentane	NS	3,300,000	9.3 U	9.3 U	1 U	0.4 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	10 U	10 U	1 U	0.4 U
3-Chloropropene (allyl chloride)	600	1,000	16 U	16 U	2.5 U	1 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	9.8 U	9.8 U	1 U	0.4 U
Acetone	180,000	28,000,000	120 U	120 U	25 U	10 U
Benzene	1300	130	6.4 U	6.4 U	1.2	0.67
Bromodichloromethane	NS	20	13 U	13 U	1 U	0.4 U
Bromoform	NS	910	21 U	21 U	1 U	0.4 U
Bromomethane (Methyl bromide)	3,900	NS	7.8 U	7.8 U	1 U	0.4 U
Carbon disulfide	6,200	700000	16 U	16 U	2.5 U	1 U
Carbon tetrachloride	1,900	67	13 U	13 U	1 U	0.4 U
Chlorobenzene	NS	110,000	9.2 U	9.2 U	1 U	0.4 U
Chloroethane (ethyl chloride)	NS	NS	13 U	13 U	2.5 U	1 U
Chloroform	150	43	9.8 U	9.8 U	1 U	0.4 U
Chloromethane (Methyl chloride)	22,000	NS	10 U	10 U	2.5 U	1 U
Cyclohexane	NS	6,000,000	6.9 U	6.9 U	1.1	0.62
Dibromochloromethane	NS	NS	17 U	17 U	1 U	0.4 U
Dichlorodifluoromethane	NS	12,000,000	25 U	25 U	2.5 U	1 U
Ethylbenzene	54,000	1,000,000	8.7 U	29	2.6	3
Hexachlorobutadiene	NS	45	21 U	21 U	1 U	0.4 U
Isopropanol	98,000	7,000,000	690	120 U	25 U	10 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	20 U	20 U	8.9	1 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	15 U	15 U	2.5 U	1 U
Methyl isobutyl ketone	31,000	3,000,000	20 U	20 U	2.5 U	1 U
Methylene Chloride	14,000	2,100	19	17 U	2.5 U	1 U
MTBE (Methyl tert-butyl ether)	NS	NS	18 U	18 U	1 U	0.4 U
n-Heptane	210,000	3,900,000	8.6	15	2.8	2
n-Hexane	NS	700,000	18 U	18 U	1 U	0.54
Styrene	17,000	1,000,000	8.5 U	8.5 U	1 U	0.4 U
Tertiary butyl alcohol (TBA)	NS	NS	150 U	150 U	25 U	10 U
Tetrachloroethene (PCE)	1,000	NS	14 U	14 U	1 U	0.74
Tetrahydrofuran	30,000	350,000	150 U	150 U	25 U	10 U
Toluene **	37,000	5,000,000	26	7.5 U	1 U	0.4 U
Trichloroethene (TCE)	14,000	NS	11 U	11 U	1 U	0.4 U
Trichlorofluoromethane (Freon 11)	68,000	NS	11 U	11 U	1 U	0.4 U
Vinyl bromide	NS	3,000	8.7 U	8.7 U	1 U	0.4 U
Vinyl Chloride	180,000	110	5.1 U	5.1 U	1 U	0.4 U
Xylene (m&p)	4,300	NS	36	96	9.4	6.8
Xylene (m,p)	4,300	NS	24	30	2.5 U	12
Xylene (o)	4,300	NS	11	65	7.3	4.8
Total VOCs	NS	NS	848.6	270	37.6	34.43

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-5			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820125	831356	200-1085-6	220-13862-6
Date Sampled			2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution			2.27	10	1	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	2.5 U	11 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	3.1 U	14 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	3.4 U	15 U	0.2 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	2.5 U	11 U	0.2 U	0.2 U
1,1-Dichloroethane	NS	630	1.8 U	8.1 U	0.2 U	0.2 U
1,1-Dichloroethene	NS	70,000	1.8 U	7.9 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	8.2 U	37 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	5.4	9.8 U	0.84	0.2 U
1,2-Dibromoethane	NS	1.7	3.5 U	15 U	0.2 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	2.7 U	12 U	0.2 U	0.2 U
1,2-Dichloroethane	NS	38	1.8 U	8.1 U	0.33	0.29
1,2-Dichloroethene (cis)	NS	63,000	1.8 U	7.9 U	0.2 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	1.8 U	7.9 U	0.2 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	1.8 U	7.9 U	0.2 U	0.2 U
1,2-Dichloropropane	NS	4,000	2.1 U	9.2 U	0.2 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	3.1 U	14 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	2.2 U	9.8 U	0.23	0.2 U
1,3-Butadiene	NS	33	2.4 U	11 U	0.2 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	22	12 U	0.2 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	2 U	9.1 U	0.2 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	2 U	9.1 U	0.2 U	0.2 U
1,4-Dichlorobenzene	NS	90	2.7 U	12 U	2.2	0.2 U
1,4-Dioxane	3,000	130	40 U	180 U	5 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	2.1 U	9.3 U	0.9	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	2.3 U	10 U	0.2 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	3.4 U	16 U	0.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	2.2 U	9.8 U	0.2	0.2 U
Acetone	180,000	28,000,000	71	120 U	10	9.4
Benzene	1300	130	3.1	6.4 U	1.3	0.92
Bromodichloromethane	NS	20	3 U	13 U	0.2 U	0.2 U
Bromoform	NS	910	4.7 U	21 U	0.2 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	1.7 U	7.8 U	0.2 U	0.2 U
Carbon disulfide	6,200	700000	3.7	16 U	3	0.64
Carbon tetrachloride	1,900	67	2.8 U	13 U	0.2 U	0.2 U
Chlorobenzene	NS	110,000	2.1 U	9.2 U	0.2 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	2.9 U	13 U	0.5 U	0.5 U
Chloroform	150	43	2.4	9.8 U	0.2 U	0.2 U
Chloromethane (Methyl chloride)	22,000	NS	2.3 U	10 U	0.83	1.1
Cyclohexane	NS	6,000,000	1.5 U	6.9 U	0.89	0.2 U
Dibromochloromethane	NS	NS	3.8 U	17 U	0.2 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	5.4 U	25 U	0.5 U	0.5 U
Ethylbenzene	54,000	1,000,000	4.3	8.7 U	1.8	0.37
Hexachlorobutadiene	NS	45	4.8 U	21 U	0.2 U	0.2 U
Isopropanol	98,000	7,000,000	150	120 U	5 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	4.5 U	20 U	0.5 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	8.6	32	4.1	0.95
Methyl isobutyl ketone	31,000	3,000,000	4.5 U	20 U	3.6	0.72
Methylene Chloride	14,000	2,100	3.8 U	17 U	0.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	4 U	18 U	0.2 U	0.2 U
n-Heptane	210,000	3,900,000	2.3	8.2 U	0.4	0.22
n-Hexane	NS	700,000	11	18 U	0.72	0.28
Styrene	17,000	1,000,000	60	12	1.4	0.2 U
Tertiary butyl alcohol (TBA)	NS	NS	33 U	150 U	5 U	5 U
Tetrachloroethene (PCE)	1,000	NS	3.1 U	14 U	0.2 U	0.2 U
Tetrahydrofuran	30,000	350,000	32 U	150 U	7.5	5 U
Toluene **	37,000	5,000,000	57	20	3.1	2.5
Trichloroethene (TCE)	14,000	NS	2.4 U	11 U	0.2 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	NS	2.5 U	11 U	0.22	0.26
Vinyl bromide	NS	3,000	2 U	8.7 U	0.2 U	0.2 U
Vinyl Chloride	180,000	110	1.2 U	5.1 U	0.2 U	0.2 U
Xylene (m&p)	4,300	NS	20	8.7 U	6.2	0.95
Xylene (m,p)	4,300	NS	15	17 U	4.9	1.2
Xylene (o)	4,300	NS	5.2	8.7 U	1.3	0.22
Total VOCs	NS	NS	441	64	55.96	20.02

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-6			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820126	831357	200-1086-7	220-13862-7
Date Sampled			2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution			1	10	15.3	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	1.1 U	11 U	3.1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	1.4 U	14 U	3.1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	1.5 U	15 U	3.1 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	1.1 U	11 U	3.1 U	0.2 U
1,1-Dichloroethane	NS	630	0.81 U	8.1 U	3.1 U	0.2 U
1,1-Dichloroethene	NS	70,000	0.79 U	7.9 U	3.1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	3.7 U	37 U	7.6 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	1.6	9.8 U	3.1 U	0.98
1,2-Dibromoethane	NS	1.7	1.5 U	15 U	3.1 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	1.2 U	12 U	3.1 U	0.2 U
1,2-Dichloroethane	NS	38	0.81 U	10	3.1 U	0.29
1,2-Dichloroethene (cis)	NS	63,000	0.79 U	7.9 U	3.1 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	0.79 U	7.9 U	3.1 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	0.79 U	7.9 U	3.1 U	0.2 U
1,2-Dichloropropane	NS	4,000	0.92 U	9.2 U	3.1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	1.4 U	14 U	3.1 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	0.98 U	9.8 U	3.1 U	0.25
1,3-Butadiene	NS	33	1.1 U	11 U	3.1 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	2	12 U	3.1 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	0.91 U	9.1 U	3.1 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	0.91 U	9.1 U	3.1 U	0.2 U
1,4-Dichlorobenzene	NS	90	1.2 U	12 U	3.1 U	0.2 U
1,4-Dioxane	3,000	130	18 U	180 U	76 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	1.1	9.3 U	3.1 U	0.2
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	1 U	10 U	3.1 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	1.6 U	16 U	7.6 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	0.98 U	9.8 U	3.1 U	0.21
Acetone	180,000	28,000,000	62	120 U	76 U	16
Benzene	1300	130	1.4	6.4 U	3.1 U	0.45
Bromodichloromethane	NS	20	1.3 U	13 U	3.1 U	0.2 U
Bromoform	NS	910	2.1 U	21 U	3.1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	0.78 U	7.8 U	3.1 U	0.2 U
Carbon disulfide	6,200	700000	1.6 U	16 U	15	2.3
Carbon tetrachloride	1,900	67	1.3 U	13 U	3.1 U	0.2 U
Chlorobenzene	NS	110,000	0.92 U	9.2 U	3.1 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	1.3 U	13 U	7.6 U	0.5 U
Chloroform	150	43	0.98 U	9.8 U	3.1 U	0.2 U
Chloromethane (Methyl chloride)	22,000	NS	1.1	10 U	7.6 U	0.75
Cyclohexane	NS	6,000,000	0.93	6.9 U	3.1 U	0.2 U
Dibromochloromethane	NS	NS	1.7 U	17 U	3.1 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	2.5	25 U	7.6 U	0.51
Ethylbenzene	54,000	1,000,000	2.3	8.7 U	3.1 U	0.85
Hexachlorobutadiene	NS	45	2.1 U	21 U	3.1 U	0.2 U
Isopropanol	98,000	7,000,000	24	120 U	76 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	2 U	20 U	7.6 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	1.5 U	68	180	8
Methyl isobutyl ketone	31,000	3,000,000	2 U	20 U	41	7.3
Methylene Chloride	14,000	2,100	1.7 U	17 U	7.6 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	1.8 U	18 U	3.1 U	0.2 U
n-Heptane	210,000	3,900,000	1.4	8.2 U	3.1 U	0.39
n-Hexane	NS	700,000	9.9	18 U	3.1 U	0.3
Styrene	17,000	1,000,000	1.3	13	4.1	0.37
Tertiary butyl alcohol (TBA)	NS	NS	15 U	150 U	76 U	5 U
Tetrachloroethene (PCE)	1,000	NS	1.4 U	14 U	3.1 U	0.2 U
Tetrahydrofuran	30,000	350,000	15 U	150	420	26
Toluene **	37,000	5,000,000	68	31	4.8	3.2
Trichloroethene (TCE)	14,000	NS	1.1 U	11 U	3.1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	NS	1.2	11 U	3.1 U	0.27
Vinyl bromide	NS	3,000	0.87 U	8.7 U	3.1 U	0.2 U
Vinyl Chloride	180,000	110	0.51 U	5.1 U	3.1 U	0.2 U
Xylene (m&p)	4,300	NS	9.6	8.7 U	5.9	2.5
Xylene (m,p)	4,300	NS	7.4	17 U	7.6 U	3
Xylene (o)	4,300	NS	2	8.7 U	3.1 U	0.51
Total VOCs	NS	NS	199.73	272	670.8	74.63

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-7			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820127	831358	200-1086-8	220-13862-8
Date Sampled			2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution			4.55	10	25.3	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	5 U	11 U	5.1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	6.2 U	14 U	5.1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	7 U	15 U	5.1 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	5 U	11 U	5.1 U	0.2 U
1,1-Dichloroethane	NS	630	3.7 U	8.1 U	5.1 U	0.2 U
1,1-Dichloroethene	NS	70,000	3.6 U	7.9 U	5.1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	17 U	37 U	13 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	4.9	9.8 U	5.1 U	0.2 U
1,2-Dibromoethane	NS	1.7	7 U	15 U	5.1 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	5.5 U	12 U	5.1 U	0.2 U
1,2-Dichloroethane	NS	38	3.7 U	8.1 U	5.1 U	0.23
1,2-Dichloroethene (cis)	NS	63,000	3.6 U	7.9 U	5.1 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	3.6 U	7.9 U	5.1 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	3.6 U	7.9 U	5.1 U	0.2 U
1,2-Dichloropropane	NS	4,000	4.2 U	9.2 U	5.1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	6.4 U	14 U	5.1 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	4.5 U	9.8 U	5.1 U	0.2 U
1,3-Butadiene	NS	33	5.1 U	11 U	5.1 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	16	12 U	5.1 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	4.1 U	9.1 U	5.1 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	4.1 U	9.1 U	5.1 U	0.2 U
1,4-Dichlorobenzene	NS	90	5.5 U	12 U	5.1 U	0.2 U
1,4-Dioxane	3,000	130	83 U	180 U	130 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	4.3 U	9.3 U	5.1 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	4.7 U	10 U	5.1 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	7.2 U	16 U	13 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	4.5 U	9.8 U	5.1 U	0.2 U
Acetone	180,000	28,000,000	55 U	120 U	130 U	13
Benzene	1300	130	5.1	6.4 U	5.1 U	0.41
Bromodichloromethane	NS	20	6.1 U	13 U	5.1 U	0.2 U
Bromoform	NS	910	9.4 U	21 U	5.1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	3.5 U	7.8 U	5.1 U	0.2 U
Carbon disulfide	6,200	700000	9.3	16 U	13 U	0.5 U
Carbon tetrachloride	1,900	67	5.7 U	13 U	5.1 U	0.2 U
Chlorobenzene	NS	110,000	4.2 U	9.2 U	5.1 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	6.1 U	13 U	13 U	0.5 U
Chloroform	150	43	4.4 U	9.8 U	5.1 U	0.2 U
Chloromethane (Methyl chloride)	22,000	NS	4.7 U	10 U	13 U	0.96
Cyclohexane	NS	6,000,000	3.1 U	6.9 U	5.1 U	0.2 U
Dibromochloromethane	NS	NS	7.8 U	17 U	5.1 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	11 U	25 U	13 U	0.5 U
Ethylbenzene	54,000	1,000,000	4.8	8.7 U	5.1 U	0.32
Hexachlorobutadiene	NS	45	9.7 U	21 U	5.1 U	0.2 U
Isopropanol	98,000	7,000,000	76	120 U	130 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	9.4 U	20 U	13 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	38	380	380	2.4
Methyl isobutyl ketone	31,000	3,000,000	9.4 U	34	44	0.6
Methylene Chloride	14,000	2,100	8 U	17 U	13 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	8.3 U	18 U	5.1 U	0.2 U
n-Heptane	210,000	3,900,000	3.7 U	8.2 U	5.1 U	0.23
n-Hexane	NS	700,000	8.1 U	18 U	5.1 U	0.26
Styrene	17,000	1,000,000	510	51	9.8	0.2 U
Tertiary butyl alcohol (TBA)	NS	NS	70 U	150 U	130 U	5 U
Tetrachloroethene (PCE)	1,000	NS	6.2 U	14 U	5.1 U	0.2 U
Tetrahydrofuran	30,000	350,000	68	530	770	5 U
Toluene **	37,000	5,000,000	32	14	5.1 U	2.1
Trichloroethene (TCE)	14,000	NS	4.9 U	11 U	5.1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	NS	5.1 U	11 U	5.1 U	0.26
Vinyl bromide	NS	3,000	4 U	8.7 U	5.1 U	0.2 U
Vinyl Chloride	180,000	110	2.3 U	5.1 U	5.1 U	0.2 U
Xylene (m&p)	4,300	NS	21	8.7 U	6.4	0.86
Xylene (m,p)	4,300	NS	13	17 U	13 U	1.1
Xylene (o)	4,300	NS	7.4	8.7 U	5.1 U	0.2
Total VOCs	NS	NS	805.5	629	1210.2	22.93

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-VAPOR-8			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820128	831359	200-1086-9	220-13862-9
Date Sampled			2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution			1	10	20	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	1.1 U	11 U	4 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	1.4 U	14 U	4 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	1.5 U	15 U	4 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	1.1 U	11 U	4 U	0.2 U
1,1-Dichloroethane	NS	630	0.81 U	8.1 U	4 U	0.2 U
1,1-Dichloroethene	NS	70,000	0.79 U	7.9 U	4 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	3.7 U	37 U	10 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	3.9	9.8 U	4 U	0.2 U
1,2-Dibromoethane	NS	1.7	1.5 U	15 U	4 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	1.2 U	12 U	4 U	0.2 U
1,2-Dichloroethane	NS	38	0.81 U	8.5	4 U	0.2 U
1,2-Dichloroethene (cis)	NS	63,000	0.79 U	7.9 U	4 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	0.79 U	7.9 U	4 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	0.79 U	7.9 U	4 U	0.2 U
1,2-Dichloropropane	NS	4,000	0.92 U	9.2 U	4 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	1.4 U	14 U	4 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	1.2	9.8 U	4 U	0.2 U
1,3-Butadiene	NS	33	1.1 U	11 U	4 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	15	12 U	4 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	0.91 U	9.1 U	4 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	0.91 U	9.1 U	4 U	0.2 U
1,4-Dichlorobenzene	NS	90	1.2 U	12 U	4 U	0.2 U
1,4-Dioxane	3,000	130	18 U	180 U	100 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	1.5	9.3 U	4 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	1 U	10 U	4 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	1.6 U	16 U	10 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	1.3	9.8 U	4 U	0.2 U
Acetone	180,000	28,000,000	76	120 U	100 U	8
Benzene	1300	130	1.7	6.4 U	4 U	0.23
Bromodichloromethane	NS	20	1.3 U	13 U	4 U	0.2 U
Bromoform	NS	910	2.1 U	21 U	4 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	0.78 U	7.8 U	4 U	0.2 U
Carbon disulfide	6,200	700000	1.6 U	16 U	17	0.5 U
Carbon tetrachloride	1,900	67	1.3 U	13 U	4 U	0.2 U
Chlorobenzene	NS	110,000	0.92 U	9.2 U	4 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	1.3 U	13 U	10 U	0.5 U
Chloroform	150	43	0.98 U	9.8 U	4 U	0.48
Chloromethane (Methyl chloride)	22,000	NS	1.4	10 U	10 U	0.54
Cyclohexane	NS	6,000,000	1.1	6.9 U	5.2	0.2 U
Dibromochloromethane	NS	NS	1.7 U	17 U	4 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	2.5 U	25 U	10 U	0.5
Ethylbenzene	54,000	1,000,000	3.6	8.7 U	4 U	0.37
Hexachlorobutadiene	NS	45	2.1 U	21 U	4 U	0.2 U
Isopropanol	98,000	7,000,000	69	120 U	100 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	2 U	20 U	10 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	2.7	120	200	0.79
Methyl isobutyl ketone	31,000	3,000,000	2 U	20 U	28	0.5 U
Methylene Chloride	14,000	2,100	2	17 U	10 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	1.8 U	18 U	4 U	0.2 U
n-Heptane	210,000	3,900,000	1.8	8.2 U	4 U	0.21
n-Hexane	NS	700,000	12	18 U	4 U	0.25
Styrene	17,000	1,000,000	29	27	5.8	0.2 U
Tertiary butyl alcohol (TBA)	NS	NS	15 U	150 U	100 U	5 U
Tetrachloroethene (PCE)	1,000	NS	1.4 U	14 U	4 U	0.27
Tetrahydrofuran	30,000	350,000	15 U	230	560	5 U
Toluene **	37,000	5,000,000	79	26	4.9	2.3
Trichloroethene (TCE)	14,000	NS	1.1 U	11 U	4 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	NS	1.4	11 U	4 U	0.25
Vinyl bromide	NS	3,000	0.87 U	8.7 U	4 U	0.2 U
Vinyl Chloride	180,000	110	0.51 U	5.1 U	4 U	0.2 U
Xylene (m&p)	4,300	NS	16	8.7 U	6.3	1
Xylene (m,p)	4,300	NS	12	17 U	10 U	1.2
Xylene (o)	4,300	NS	3.8	8.7 U	4 U	0.23
Total VOCs	NS	NS	335.4	411.5	827.2	16.62

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	CE-AA			
Lab Sample ID	DAR-1 SGC	DAR-1 AGC	820124	831360	200-1086-1	220-13862-1
Date Sampled			2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution			1	1	1	1
VOCs (µg/m³)	µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1,000,000	1.1 U	1.1 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	16,000	1.4 U	1.4 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	180,000,000	1.5 U	1.5 U	0.2 U	0.2 U
1,1,2-Trichloroethane	NS	1,400	1.1 U	1.1 U	0.2 U	0.2 U
1,1-Dichloroethane	NS	630	0.81 U	0.81 U	0.2 U	0.2 U
1,1-Dichloroethene	NS	70,000	0.79 U	0.79 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	3,700	NS	3.7 U	3.7 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	290,000	0.98 U	0.98 U	0.2 U	0.2 U
1,2-Dibromoethane	NS	1.7	1.5 U	1.5 U	0.2 U	0.2 U
1,2-Dichlorobenzene	30,000	360,000	1.2 U	1.2 U	0.2 U	0.2 U
1,2-Dichloroethane	NS	38	0.81 U	0.81 U	0.2 U	0.2 U
1,2-Dichloroethene (cis)	NS	63,000	0.79 U	0.79 U	0.2 U	0.2 U
1,2-Dichloroethene (trans)	NS	63,000	0.79 U	0.79 U	0.2 U	0.2 U
1,2-Dichloroethene,Total	NS	NS	0.79 U	0.79 U	0.2 U	0.2 U
1,2-Dichloropropane	NS	4,000	0.92 U	0.92 U	0.2 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	17,000,000	1.4 U	1.4 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	NS	290,000	0.98 U	0.98 U	0.2 U	0.2 U
1,3-Butadiene	NS	33	1.1 U	1.1 U	0.2 U	0.2 U
1,3-Dichlorobenzene	30,000	360,000	1.2 U	1.2 U	0.2 U	0.2 U
1,3-Dichloropropene (cis)	NS	NS	0.91 U	0.91 U	0.2 U	0.2 U
1,3-Dichloropropene (trans)	NS	NS	0.91 U	0.91 U	0.2 U	0.2 U
1,4-Dichlorobenzene	NS	90	1.2 U	1.2 U	0.2 U	0.2 U
1,4-Dioxane	3,000	130	18 U	18 U	5 U	5 U
2,2,4-Trimethylpentane	NS	3,300,000	0.93 U	0.93 U	0.2	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	NS	1 U	1 U	0.2 U	0.2 U
3-Chloropropene (allyl chloride)	600	1,000	1.6 U	1.6 U	0.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	NS	0.98 U	0.98 U	0.2 U	0.2 U
Acetone	180,000	28,000,000	12	12 U	28	5 U
Benzene	1300	130	1	0.64 U	0.23	0.27
Bromodichloromethane	NS	20	1.3 U	1.3 U	0.2 U	0.2 U
Bromoform	NS	910	2.1 U	2.1 U	0.2 U	0.2 U
Bromomethane (Methyl bromide)	3,900	NS	0.78 U	0.78 U	0.2 U	0.2 U
Carbon disulfide	6,200	700000	1.6 U	1.6 U	0.5 U	0.5 U
Carbon tetrachloride	1,900	67	1.3 U	1.3 U	0.2 U	0.2 U
Chlorobenzene	NS	110,000	0.92 U	0.92 U	0.2 U	0.2 U
Chloroethane (ethyl chloride)	NS	NS	1.3 U	1.3 U	0.5 U	0.5 U
Chloroform	150	43	0.98 U	0.98 U	0.2 U	0.2 U
Chloromethane (Methyl chloride)	22,000	NS	1.3	1 U	0.51	0.55
Cyclohexane	NS	6,000,000	0.69 U	0.69 U	0.2 U	0.2 U
Dibromochloromethane	NS	NS	1.7 U	1.7 U	0.2 U	0.2 U
Dichlorodifluoromethane	NS	12,000,000	2.5 U	2.5 U	0.5 U	0.5 U
Ethylbenzene	54,000	1,000,000	0.91	0.87 U	0.2 U	0.2 U
Hexachlorobutadiene	NS	45	2.1 U	2.1 U	0.2 U	0.2 U
Isopropanol	98,000	7,000,000	12 U	12 U	5 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	NS	2 U	2 U	0.56	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	NS	1.5 U	1.6	4.2	0.5 U
Methyl isobutyl ketone	31,000	3,000,000	2 U	2 U	0.5 U	0.5 U
Methylene Chloride	14,000	2,100	8	1.7 U	0.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	NS	1.8 U	1.8 U	0.2 U	0.2 U
n-Heptane	210,000	3,900,000	0.82 U	0.82 U	0.29	0.2 U
n-Hexane	NS	700,000	3.3	1.8 U	0.27	0.2 U
Styrene	17,000	1,000,000	0.85 U	0.85 U	0.2 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	NS	15 U	15 U	5 U	5 U
Tetrachloroethene (PCE)	1,000	NS	1.4 U	1.4 U	0.2 U	0.2 U
Tetrahydrofuran	30,000	350,000	15 U	15 U	5 U	5 U
Toluene **	37,000	5,000,000	5.3	3	0.67	0.63
Trichloroethene (TCE)	14,000	NS	1.1 U	1.1 U	0.2 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	NS	1.5	1.4	0.24	0.26
Vinyl bromide	NS	3,000	0.87 U	0.87 U	0.2 U	0.2 U
Vinyl Chloride	180,000	110	0.51 U	0.51 U	0.2 U	0.2 U
Xylene (m&p)	4,300	NS	2.9	1.8	0.23	0.5 U
Xylene (m,p)	4,300	NS	2.9	1.8	0.5 U	0.41
Xylene (o)	4,300	NS	0.87 U	0.87 U	0.2 U	0.2 U
Total VOCs	NS	NS	39.11	9.6	35.4	2.12

Table 4
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

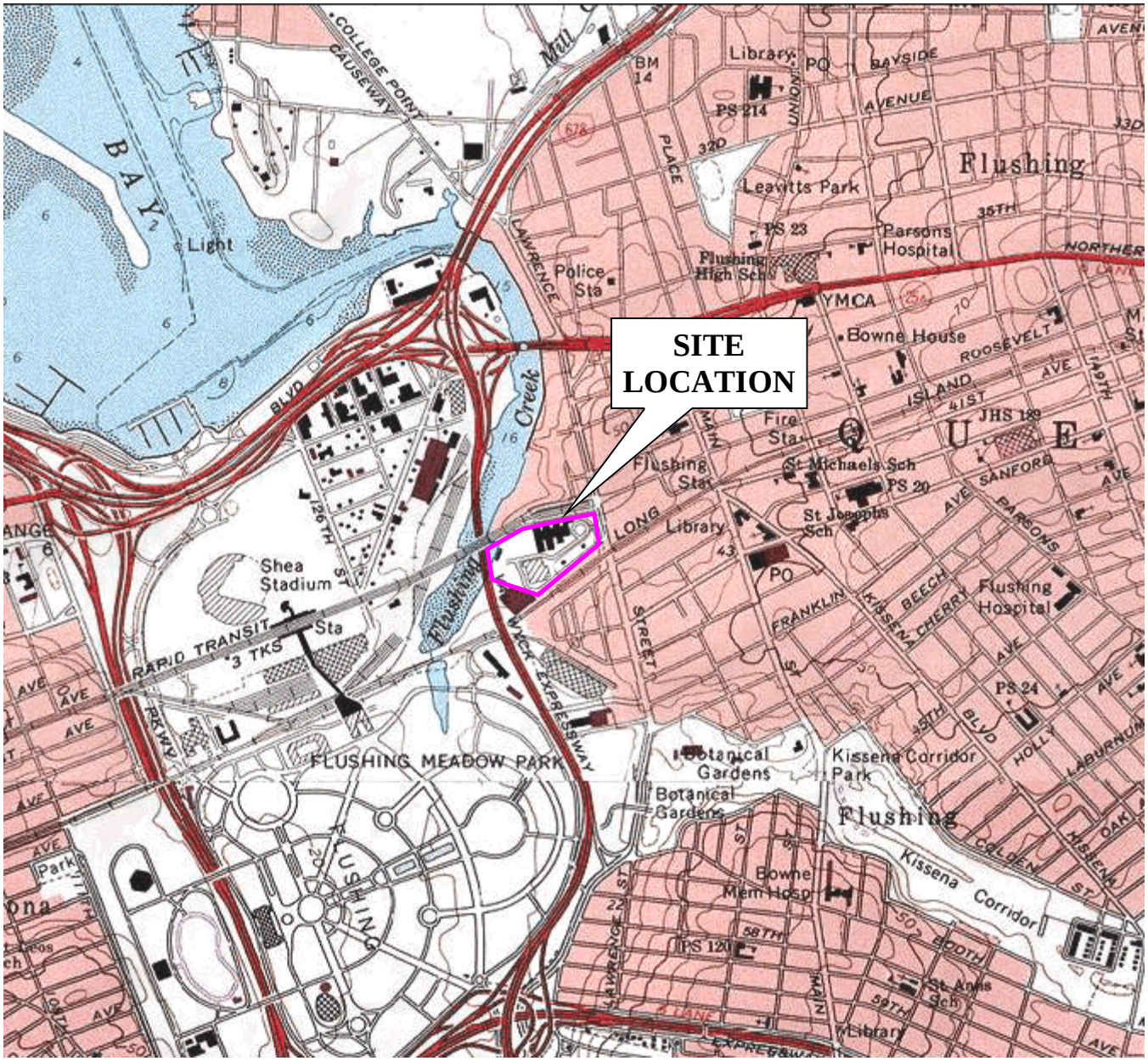
U : The analyte was not detected at the indicated concentration.

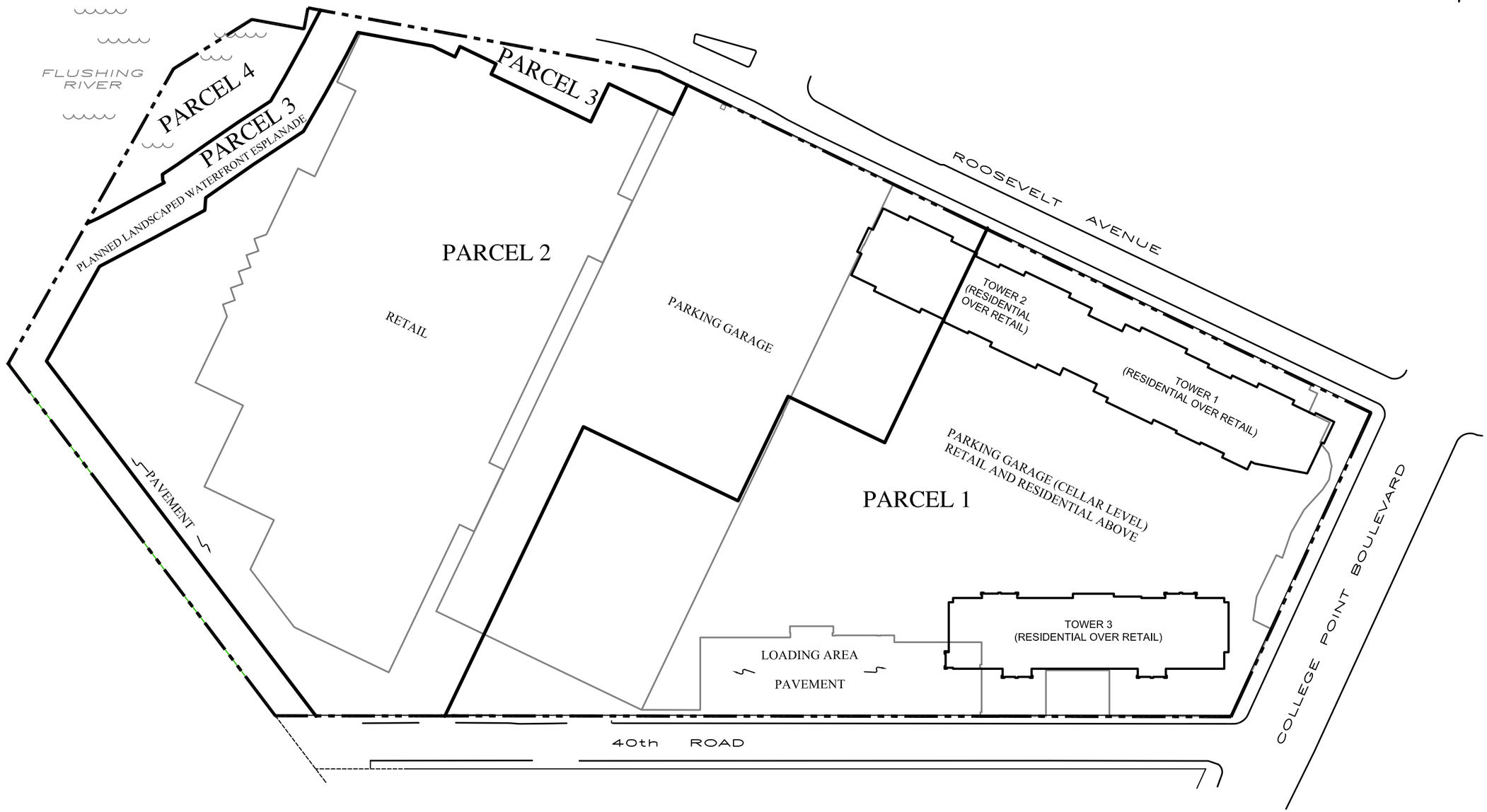
AIR

DAR-1 AGC/SGC : NYSDEC Division of Air Resources (DAR) Annual Guideline Concentrations (AGC) and Short-Term Guideline Concentrations (SGC) published in Air Guide-1 (DAR-1) Oct 18, 2010.

µg/m^3 : micrograms per cubic meter of air

FIGURES


SITE LOCATION
Flushing
Flushing
Flushing



Legend:

- BUILDING LINE
- PARCEL BOUNDARY
- PROPERTY BOUNDARY

0' 50' 100' 200'

SCALE IN FEET

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FLUSHING INDUSTRIAL PARK, PARCELS 1 - 4
Flushing, New York

SITE MAP

DATE **1.12.11**

SCALE **as shown**

PROJECT No. **30141**

FIGURE No. **2**

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11x17

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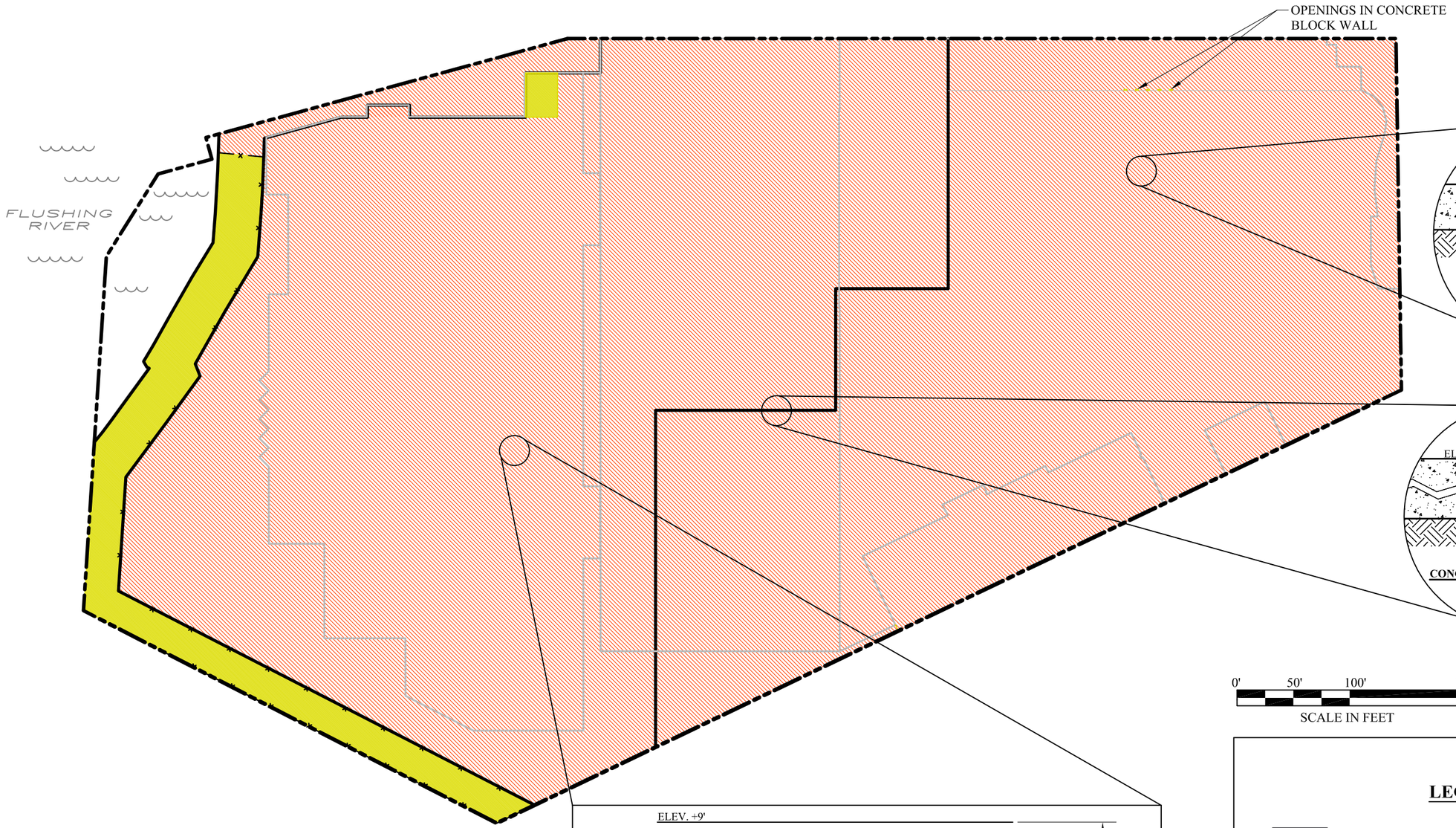
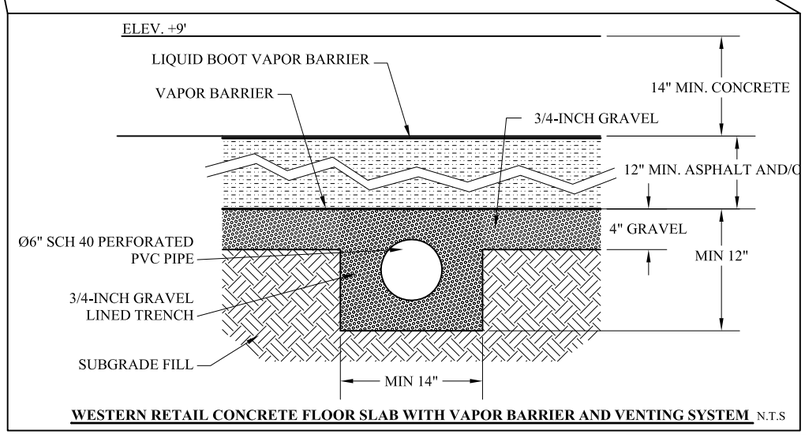




WESTERN RETAIL CONCRETE FLOOR SLAB WITH VAPOR BARRIER AND VENTING SYSTEM N.T.S

NOTES:

1. DETAILS WERE COMPILED FROM A SURVEY BY WOHL & O'MARA, L.L.P. (SKY VIEW PARC, DIAGRAM 'R' DATED 11/20/07); FROM VENTING SYSTEM AND VAPOR BARRIER DETAILS PROVIDED BY LANGAN ENGINEERING & ENVIRONMENTAL SERVICES C-901A "AS-BUILT SOIL VAPOR COLLECTION SYSTEM AND DETAILS" DATED 11/28/07; "SOIL VAPOR-MITIGATION SYSTEM ACTIVATION STATUS MEMORANDUM" DATED 1/22/10; AND C-901B "AS-BUILT SOIL VAPOR COLLECTION SYSTEM AND DETAILS" DATED 11/28/07; AND BY AKRF, INC. FIELD OBSERVATIONS ON 12/20/10.

2. ELEVATIONS ARE IN QUEENS BOROUGH DATUM.

LEGEND:

- OPENING IN SITE COVER
- COVERED BY CONCRETE
- x CHAINLINK FENCE
- BUILDING LINE
- PARCEL BOUNDARY
- PROPERTY BOUNDARY

AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

FLUSHING INDUSTRIAL PARK
FLUSHING, NEW YORK

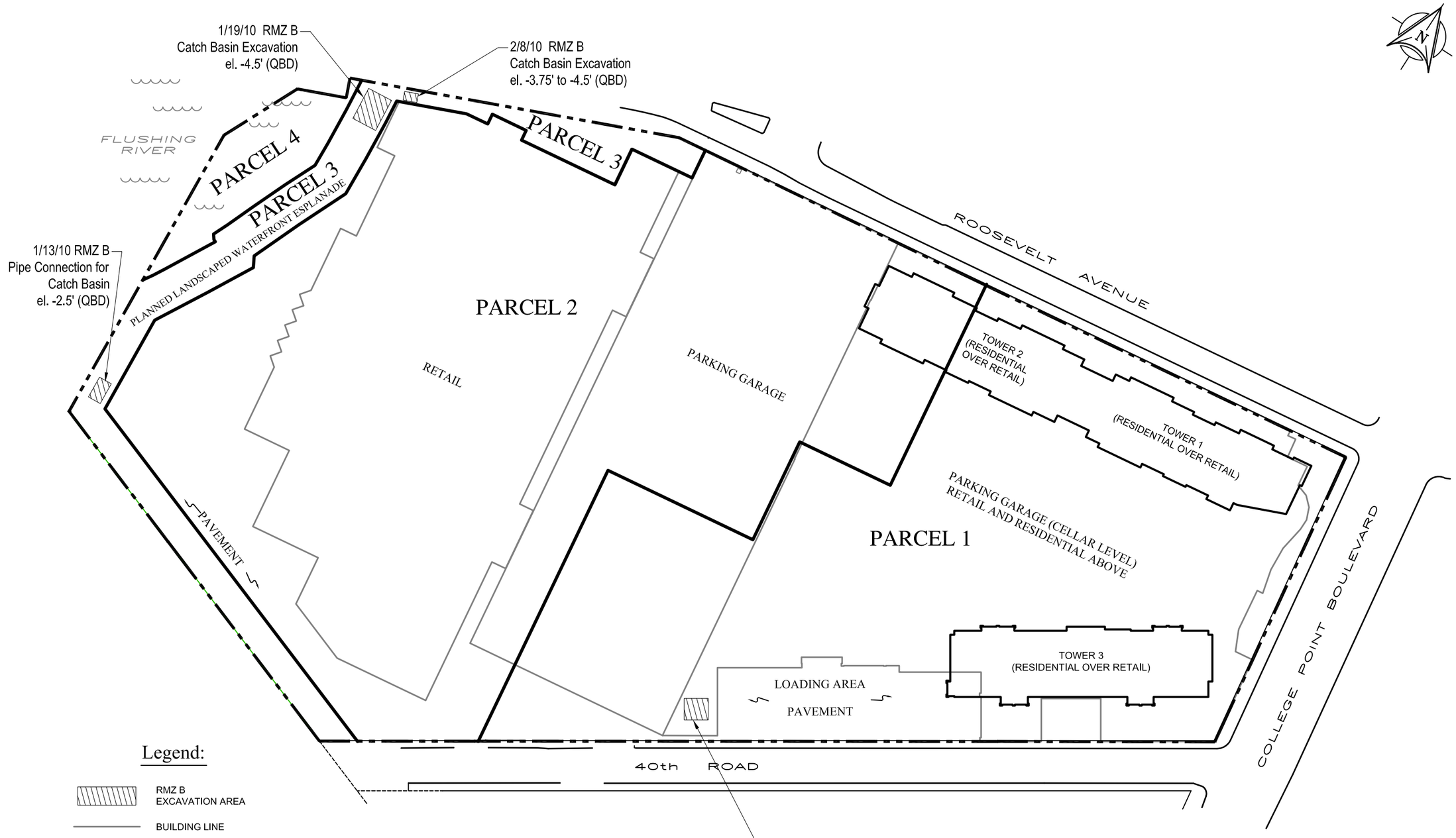
CURRENT SITE COVER (12/20/10)

DATE
1.13.11

PROJECT NO.
30141

SCALE
1"=100'

FIGURE
3



THE BASE ELEVATIONS WERE SURVEYED BY LINEAR CONTRACTING, A NEW YORK STATE LICENCED SURVEYOR AND RECORDED IN THE FIELD BY AKRF ON THE DATES INDICATED. ELEVATIONS ARE IN QUEENS BOROUGH DATUM (QBD).

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AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FLUSHING INDUSTRIAL PARK, PARCELS 1 - 4
Flushing, New York

2010 RMZ B EXCAVATION AREAS

DATE
1.12.11

SCALE
as shown

PROJECT No.
30141

FIGURE No.
4

APPENDIX A

LOT BOUNDARY DOCUMENTATION (CD)

JENNIFER COGHLAN
DIRECT DIAL: (646) 378-7215
JCOGHLAN@SPRLAW.COM

March 17, 2011

Via Email and FedEx

Rosalie Rusinko, Esq.
New York State Department of
Environmental Conservation
100 Hillside Avenue, Suite 1W
White Plains, NY 10603

Re: Flushing Industrial Park, Parcels 1-3
BCP Site Nos. C241051, C241078, C241079

Dear Rosalie:

We are writing to inform you of ownership changes at the above-referenced sites. At the time the Certificates of Completion ("COC") were issued, the ownership of the various lots that comprised the site was as follows:

Lot 1 – Flushing Town Center III, LP
Lot 100 – Flushing Town Center III, LP
Lot 9001 – AFC2, LLC
Lot 9002 – AFC2, LLC
Lot 9100 – AFC2, LLC

Both of those entities were signatories to the Brownfield Cleanup Agreements ("BCAs") for all 3 parcels and recipients of the COCs.

Since that time, as explained in our February 10, 2010 letter, Lots 1 and 100 were divided into Lots 1201-1205. Lots 1201, 1202, 1203 and 1205 are still owned by Flushing Town Center III, LP. In addition, Lot 1204 (the residential access unit) has been transferred to the residential homeowners association, Sky View Parc Homeowners Association, Inc. Finally, Lot 1202 will be transferred to Target Corporation in the coming weeks. Target was added to the BCA for Parcel 1 due to its status as a future owner and was a recipient of that COC.

As reported in the 2009 Site Management Report, Former Lot 9002 has been divided into Lots 1001-1169. Those lots comprise Tower 3 of the residential development and FTC Residential Company II, L.P., which was added to all 3 BCAs due to its status as a future owner

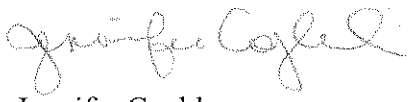
of the residential development and was a recipient of the COCs, currently owns all of the unsold units.

Former Lot 9001 has now been divided into Lots 1301-1579. Those lots comprise Towers 1 and 2 of the residential development and FTC Residential Company I, L.P., which was added to all 3 BCAs due to its status as a future owner of the residential development and was a recipient of the COCs, currently owns all of the unsold units.

Lot 9100 has not been divided and is currently owned by FTC Residential Company III, L.P., which was added to all 3 BCAs due to its status as a future owner of the residential development and was a recipient of the COCs.

We trust that this letter will serve, to the extent necessary, as the required notification under Section 27-1425 of the ECL. Please call if you have any questions or require additional information. Thank you for your assistance.

Sincerely,



Jennifer Coghlan

Cc (via email):
Mike Koep, FTC III
Dave Brickman, FTC III
Steve Talles, FTC III
Kate Brunner, AKRF
Jonathan Canter, Esq., Kramer Levin

3105/rusinko 3.17.11

NYC DEPARTMENT OF FINANCE
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2009121500287002003EA81D

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 20**

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS
Document Page Count: 7 Non-Standard Form Size

PRESENTER:
PICK UP TEAM EXAMINERS #TA 09-06-484
TITLE ASSOCIATES
193 JORALEMON STREET
BROOKLYN, NY 11201
718-596-4844
TEAMEXAMINERS@VERIZON.NET

RETURN TO:
KRAMER LEVIN NAFTALIS & FRANKEL LLP
ATTORNEYS FOR SPONSOR
1177 AVENUE OF THE AMERICAS
NEW YORK, NY 10036
212-715-9100
ATTENTION:JONATHAN H. CANTER,,ESQ.

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	9002	Entire Lot		135-02 40TH ROAD
Property Type: APARTMENT BUILDING					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1001	Entire Lot	6A	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					

x Additional Properties on Continuation Page

CROSS REFERENCE DATA

CRFN_____ ***or*** Document ID_____ ***or*** _____ Year____ Reel ___ Page ____ ***or*** File Number_____

PARTIES

PARTY 1:
AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	159.00
Affidavit Fee:	$	0.00

Filing Fee:		
	$	0.00
NYC Real Property Transfer Tax:		
	$	0.00
NYS Real Estate Transfer Tax:		
	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 12-17-2009 14:05
City Register File No.(CRFN):
2009000414021

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NYC DEPARTMENT OF FINANCE
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2009121500287002003CAA9D

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1002	Entire Lot	6B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1003	Entire Lot	6C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1004	Entire Lot	6D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1005	Entire Lot	6F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1006	Entire Lot	6G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1007	Entire Lot	6H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1008	Entire Lot	6J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1009	Entire Lot	6K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1010	Entire Lot	6L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1011	Entire Lot	6M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1012	Entire Lot	6N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1013	Entire Lot	6P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1014	Entire Lot	6Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1015	Entire Lot	6R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2009121500287002003CAA9D

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1016	Entire Lot	7A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1017	Entire Lot	7B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1018	Entire Lot	7C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1019	Entire Lot	7D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1020	Entire Lot	7E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1021	Entire Lot	7F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1022	Entire Lot	7G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1023	Entire Lot	7H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1024	Entire Lot	7J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1025	Entire Lot	7K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1026	Entire Lot	7L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1027	Entire Lot	7M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1028	Entire Lot	7N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1029	Entire Lot	7P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2009121500287002003CAA9D

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1030	Entire Lot	7Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1031	Entire Lot	7R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1032	Entire Lot	8A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1033	Entire Lot	8B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1034	Entire Lot	8C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1035	Entire Lot	8D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1036	Entire Lot	8E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1037	Entire Lot	8F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1038	Entire Lot	8G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1039	Entire Lot	8H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1040	Entire Lot	8J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1041	Entire Lot	8K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1042	Entire Lot	8L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1043	Entire Lot	8M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2009121500287002003CAA9D

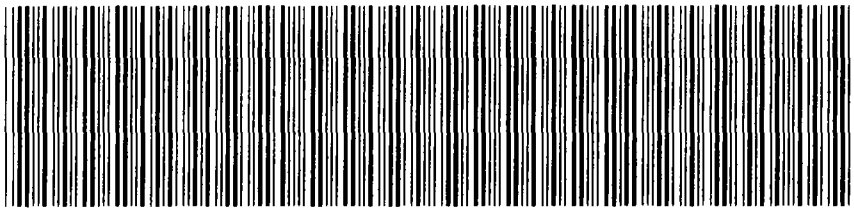
RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1044	Entire Lot	8N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1045	Entire Lot	8P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1046	Entire Lot	8Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1047	Entire Lot	8R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1048	Entire Lot	9A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1049	Entire Lot	9B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1050	Entire Lot	9C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1051	Entire Lot	9D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1052	Entire Lot	9E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1053	Entire Lot	9F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1054	Entire Lot	9G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1055	Entire Lot	9H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1056	Entire Lot	9J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1057	Entire Lot	9K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2009121500287002003CAA9D

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1058	Entire Lot	9L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1059	Entire Lot	9M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1060	Entire Lot	9N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1061	Entire Lot	9P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1062	Entire Lot	9Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1063	Entire Lot	9R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1064	Entire Lot	10A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1065	Entire Lot	10B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1066	Entire Lot	10C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1067	Entire Lot	10D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1068	Entire Lot	10E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1069	Entire Lot	10F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1070	Entire Lot	10G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1071	Entire Lot	10H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2009121500287002003CAA9D

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 7 OF 20**

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1072	Entire Lot	10J	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1073	Entire Lot	10K	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1074	Entire Lot	10L	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1075	Entire Lot	10M	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1076	Entire Lot	10N	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1077	Entire Lot	10P	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1078	Entire Lot	10Q	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1079	Entire Lot	10R	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1080	Entire Lot	11A	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1081	Entire Lot	11B	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1082	Entire Lot	11C	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1083	Entire Lot	11D	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1084	Entire Lot	11E	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1085	Entire Lot	11F	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2009121500287002003CAA9D

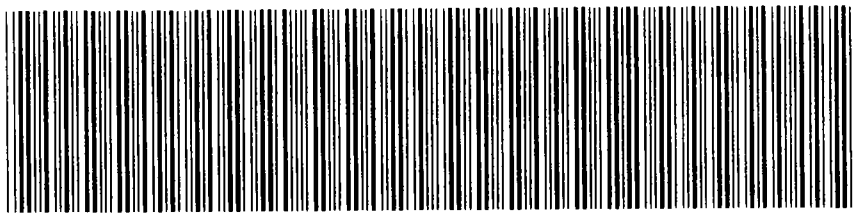
RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1086	Entire Lot	11G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1087	Entire Lot	11H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1088	Entire Lot	11K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1089	Entire Lot	11L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1090	Entire Lot	11M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1091	Entire Lot	11N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1092	Entire Lot	11P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1093	Entire Lot	11Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1094	Entire Lot	11R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1095	Entire Lot	12A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1096	Entire Lot	12B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1097	Entire Lot	12C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1098	Entire Lot	12D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1099	Entire Lot	12E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2009121500287002003CAA9D

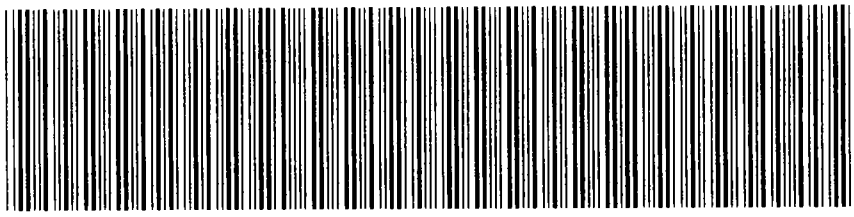
RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1100	Entire Lot	12F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1101	Entire Lot	12G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1102	Entire Lot	12H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1103	Entire Lot	12K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1104	Entire Lot	12L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1105	Entire Lot	12M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1106	Entire Lot	12N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1107	Entire Lot	12P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1108	Entire Lot	12Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1109	Entire Lot	12R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1110	Entire Lot	15A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1111	Entire Lot	15B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1112	Entire Lot	15C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1113	Entire Lot	15D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



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RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1114	Entire Lot	15E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1115	Entire Lot	15F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1116	Entire Lot	15G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1117	Entire Lot	15H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1118	Entire Lot	15K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1119	Entire Lot	15L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1120	Entire Lot	15M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1121	Entire Lot	15N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1122	Entire Lot	15P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1123	Entire Lot	15Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1124	Entire Lot	15R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1125	Entire Lot	PH3A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1126	Entire Lot	PH3B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1127	Entire Lot	PH3C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

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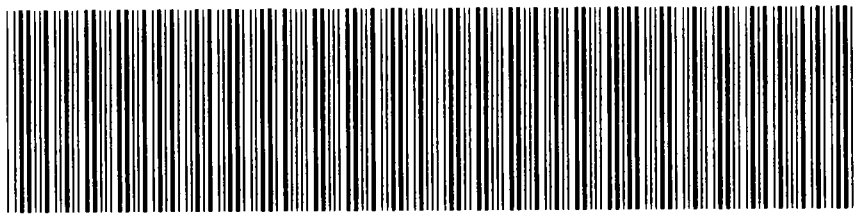

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RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1128	Entire Lot	PH3D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1129	Entire Lot	PH3E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1130	Entire Lot	PH3F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1131	Entire Lot	PH3G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1132	Entire Lot	PH3H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1133	Entire Lot	PH3K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1134	Entire Lot	PH3L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1135	Entire Lot	PH3M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1136	Entire Lot	PH3N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1137	Entire Lot	PH3P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1138	Entire Lot	PH3Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1139	Entire Lot	PH3R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1140	Entire Lot	PH2A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1141	Entire Lot	PH2B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

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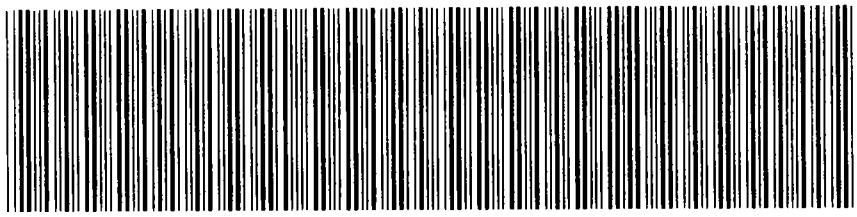

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RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 12 OF 20**

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1142	Entire Lot	PH2C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1143	Entire Lot	PH2D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1144	Entire Lot	PH2E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1145	Entire Lot	PH2F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1146	Entire Lot	PH2G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1147	Entire Lot	PH2H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1148	Entire Lot	PH2K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1149	Entire Lot	PH2L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1150	Entire Lot	PH2M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1151	Entire Lot	PH2N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1152	Entire Lot	PH2P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1153	Entire Lot	PH2Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1154	Entire Lot	PH2R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1155	Entire Lot	PH1A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
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2009121500287002003CAA9D

Document ID: 2009121500287002 Document Date: 12-04-2009 Preparation Date: 12-16-2009
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1156	Entire Lot	PH1B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1157	Entire Lot	PH1C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1158	Entire Lot	PH1D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1159	Entire Lot	PH1E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1160	Entire Lot	PH1F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1161	Entire Lot	PH1G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1162	Entire Lot	PH1H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1163	Entire Lot	PH1K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1164	Entire Lot	PH1L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1165	Entire Lot	PH1M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1166	Entire Lot	PH1N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1167	Entire Lot	PH1P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1168	Entire Lot	PH1Q	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1169	Entire Lot	PH1R	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

B

CONDOMINIUM NO.: 664

NAME OF CONDOMINIUM: SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER THREE

ADDRESS OF CONDOMINIUM: 40-22 COLLEGE POINT BOULEVARD / FLUSHING, NEW YORK 11354

DECLARANT: AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

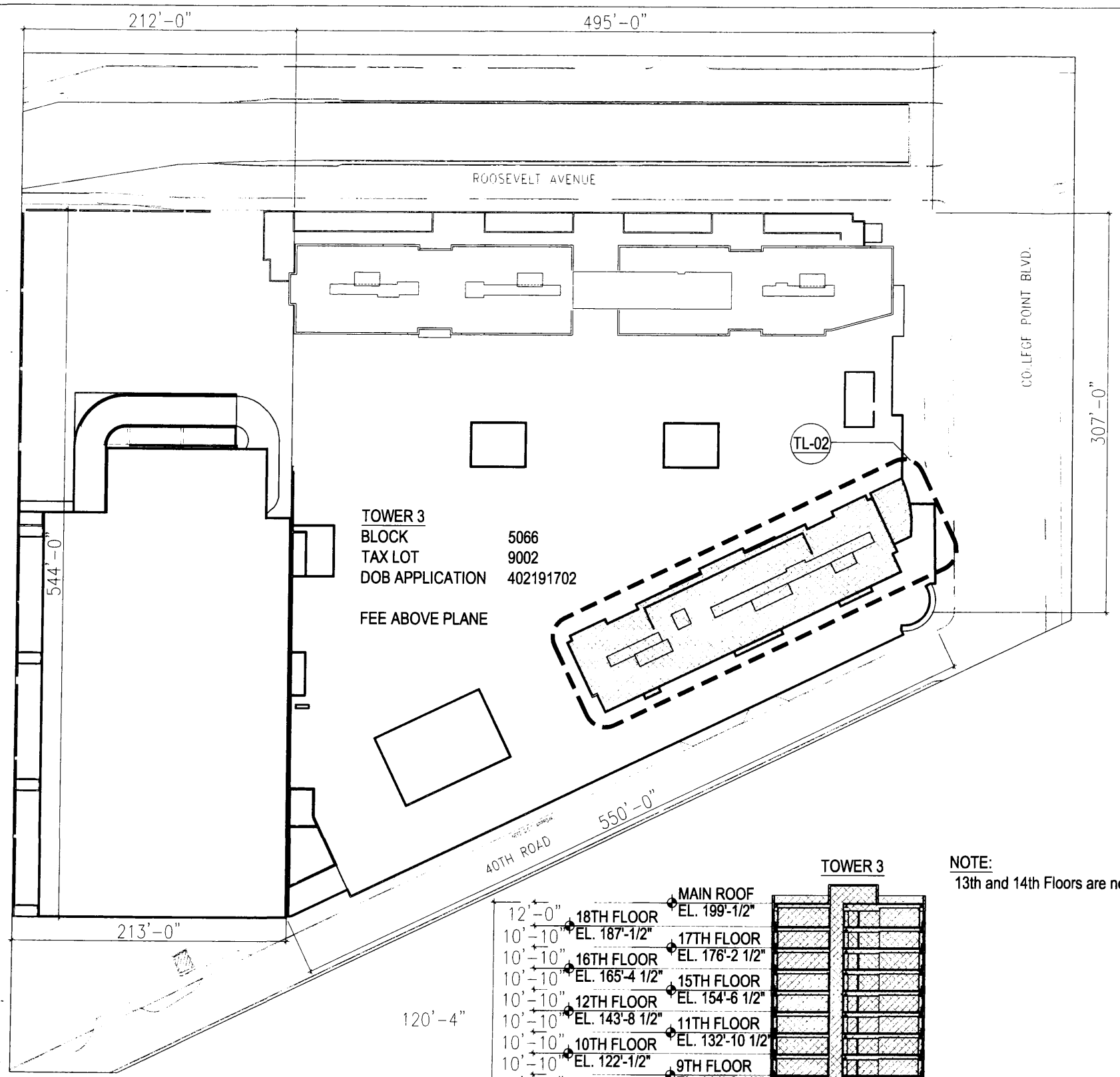
TAX BLOCK: 5066

TAX LOTS: NKA: 1001-1169 FKA: 9002

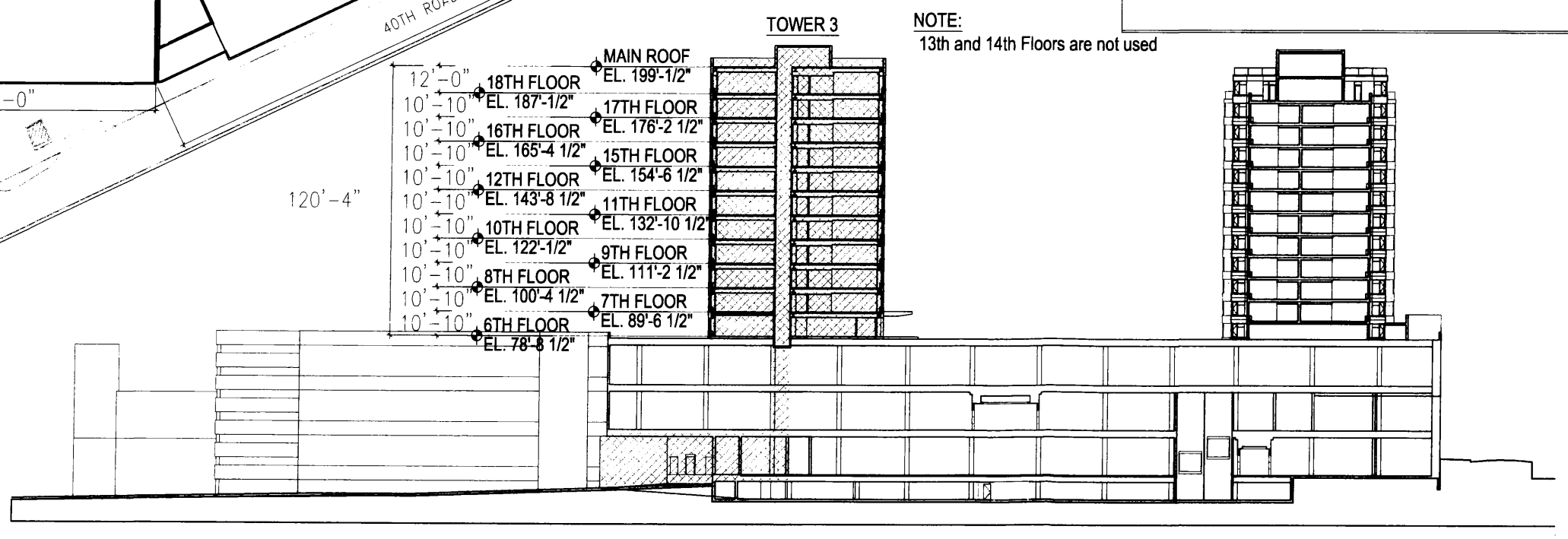
APPROVED BY THE TAX MAP UNIT: 12/4/09

FILED IN NEW YORK CITY
REGISTERS OFFICE / LAND RECORDS DIVISION: _____

THE LAND AFFECTED BY THE WITHIN INSTRUMENTS LIES IN
SECTION 25 IN TAX BLOCK 5066
ON THE BLOCK MAP OF TAXES AND ASSESSMENTS IN
THE BOROUGH OF QUEENS.



PLOT PLAN
SCALE: 1" = 100'-0"



SECTION
SCALE: 1" = 75'-0"

NOTE:
13th and 14th Floors are not used

CONDOMINIUM PLAN CERTIFICATION:

THE TAX MAP UNIT, CITY OF NEW YORK CERTIFIES THAT

(A) THE ANNEXED FLOOR PLANS CONSISTS OF 4 PAGES (TL-03 to TL-06) COVERING 11 FLOORS IN PREMISES KNOWN AS:

SKY VIEW PARC RESIDENTIAL CONDOMINIUM
TOWER THREE
40-22 COLLEGE POINT BOULEVARD
FLUSHING, NEW YORK

(B) THE LOT DESIGNATIONS FOR THE SEPARATE UNITS SHOWN THEREON CONFORM TO THE OFFICIAL TAX LOT NUMBER DESIGNATIONS FOR SUCH UNIT AS SHOWN ON THE BLOCK MAP OF TAXES AND ASSESSMENTS OF THE CITY OF NEW YORK BOROUGH OF QUEENS.

CARTOGRAPHER
TAX MAP UNIT: _____

DATE: 12/4/09

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE ~~UNITS~~ AS BUILT.

SWORN TO ME BEFORE
THIS 23rd DAY OF November 2009

MICHAEL S. SPIVACK
NOTARY PUBLIC, State of New York
No. 01SP4978714
Qualified in Queens County
Commission Expires March 11, 2011

REGISTERED ARCHITECT
CARL W. [illegible]
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

PROJECT NUMBER: **19712.00**

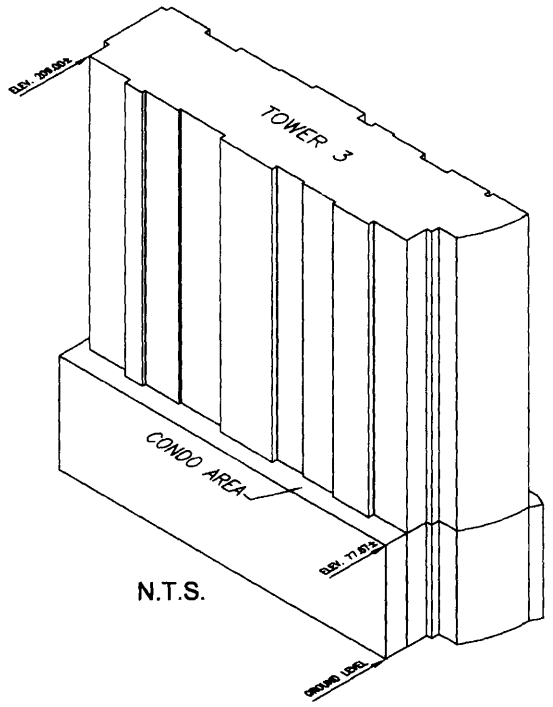
DRAWING TITLE:
PLOT PLAN SECTION &

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER THREE TAX LOT**

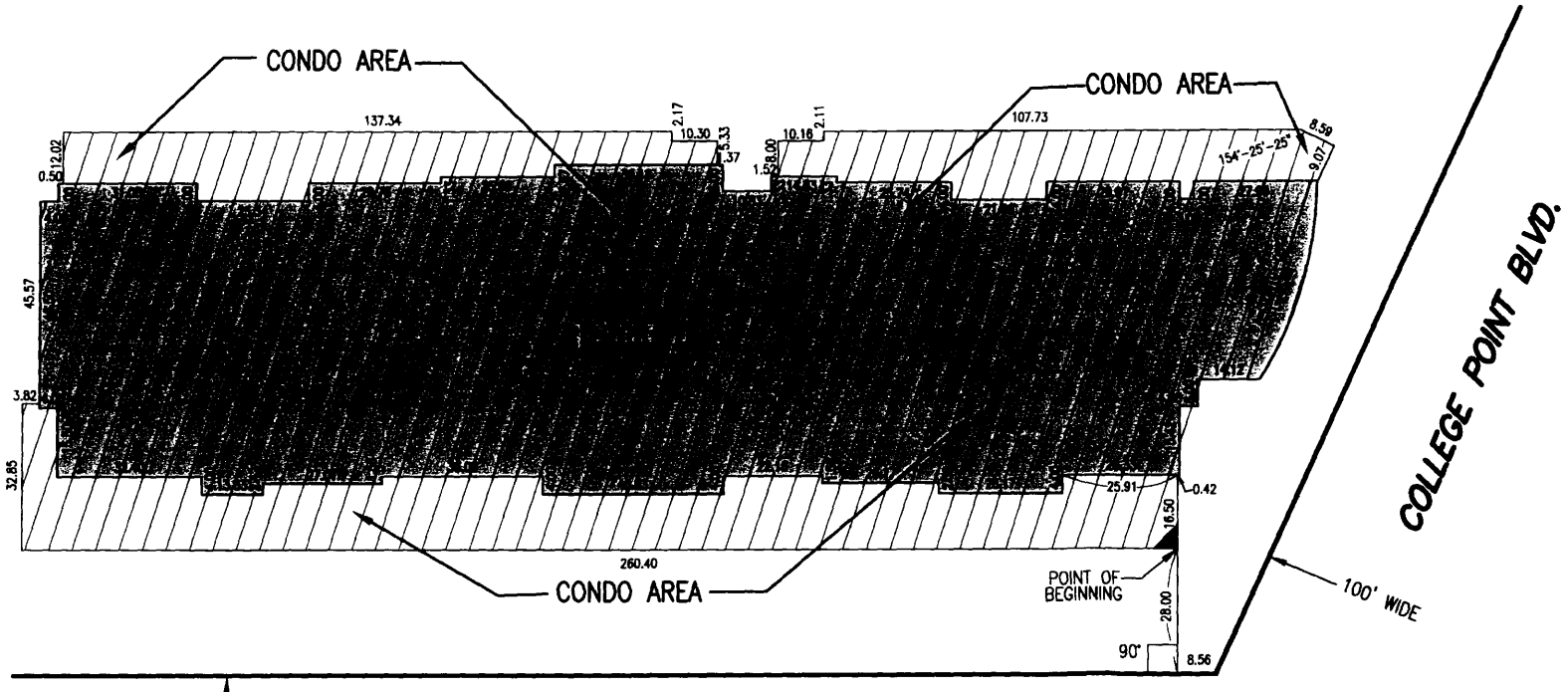
DRAWING NUMBER: **TL-01**

DATE: **SEPTEMBER 3, 2009**

SCALE: **AS SHOWN**



N.T.S.



THE PARCEL SHOWN ABOVE BEGINS AT A PLANE ELEVATION OF 77.67 FEET
(FOR INFORMATION ONLY; REFER TO ARCHITECT'S PLANS)
SCALE: 1"=20'

NOTE: ALL ANGLES ARE 90° UNLESS INDICATED OTHERWISE

CONDO 3 AREA (TOWER 3) = 25,578 Sq. Ft.

TAX LOT CERTIFICATION:
THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER:

DATE: 12/4/09

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 23rd DAY OF November 2009

MICHAEL S. SPIVACK
NOTARY PUBLIC, State of New York
No. 01SP4978714
Qualified in Queens County
Commission Expires March 11, 2011

REGISTERED ARCHITECT
CARL M. SCHELMANN
1995
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

PROJECT NUMBER: 19712.00

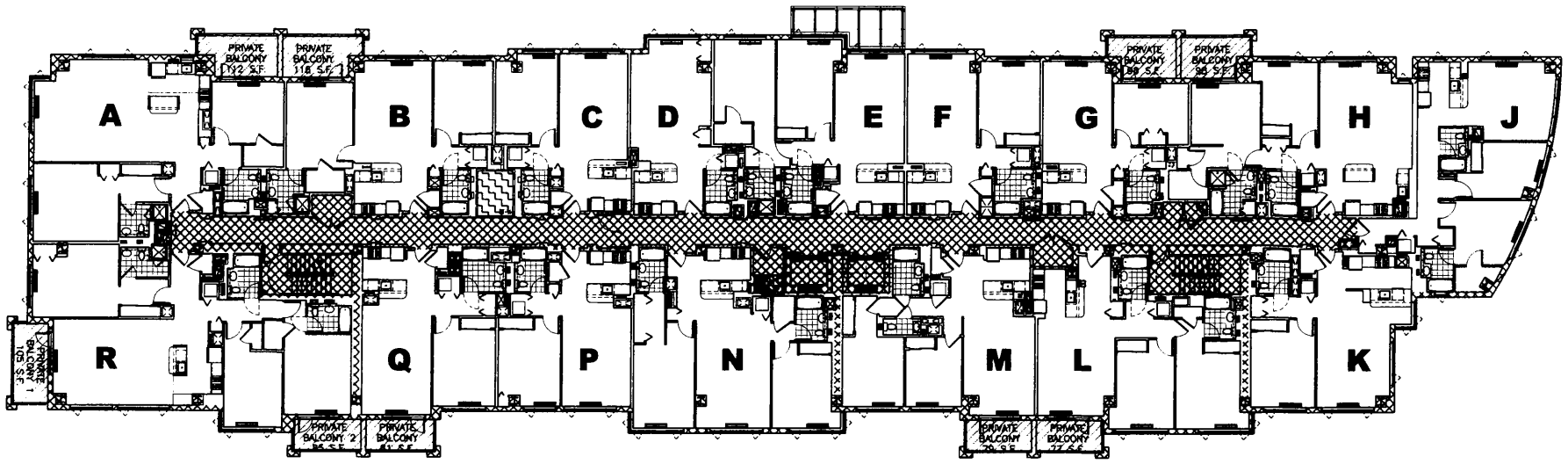
DRAWING TITLE:
TAX LOT SURVEY MAP

SET: SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER THREE TAX LOT

DRAWING NUMBER: **TL-02**

DATE: SEPTEMBER 3, 2009

SCALE: NTS



RETAIL UNIT	SQ. FT.
	62

GENERAL COMMON ELEMENT	SQ. FT.
	2,536

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT
	847

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10A	1064	1,476	113
9A	1048	1,476	113
8A	1032	1,476	113
7A	1016	1,476	113

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10B	1065	1,106	116
9B	1049	1,106	116
8B	1033	1,106	116
7B	1017	1,106	116

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
10C	1066	757
9C	1050	757
8C	1034	757
7C	1018	757

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10D	1067	600	
9D	1051	600	
8D	1035	600	
7D	1019	600	

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10E	1068	1,117	
9E	1052	1,117	
8E	1036	1,117	
7E	1020	1,117	

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
10F	1069	774
9F	1053	774
8F	1037	774
7F	1021	774

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10G	1070	734	98
9G	1054	734	98
8G	1038	734	98
7G	1022	734	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10H	1071	1,242	98
9H	1055	1,242	98
8H	1039	1,242	98
7H	1023	1,242	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
10J	1072	1,111
9J	1056	1,111
8J	1040	1,111
7J	1024	1,111

7TH – 10TH FLOOR PLAN

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
10K	1073	910
9K	1057	910
8K	1041	910
7K	1025	910

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10L	1074	1,153	77
9L	1058	1,153	77
8L	1042	1,153	77
7L	1026	1,153	77

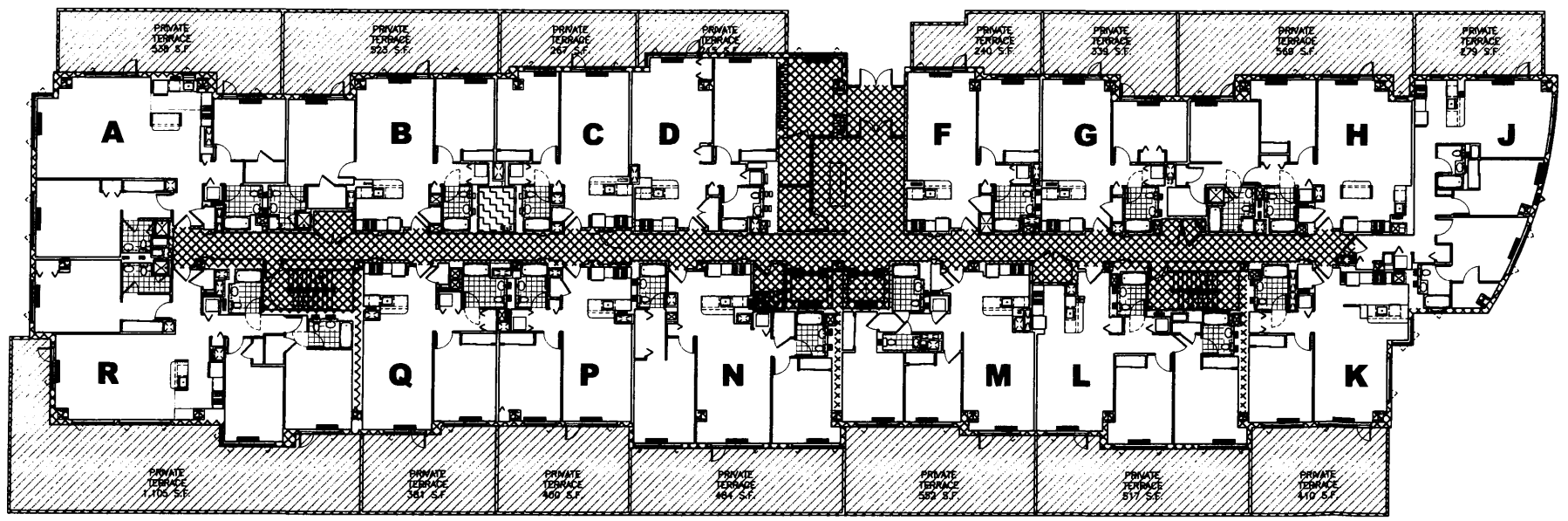
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10M	1075	1,065	79
9M	1059	1,065	79
8M	1043	1,065	79
7M	1027	1,065	79

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
10N	1076	1,208
9N	1060	1,208
8N	1044	1,208
7N	1028	1,208

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
10P	1077	763
9P	1061	763
8P	1045	763
7P	1029	763

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
10Q	1078	851	81
9Q	1062	851	81
8Q	1046	851	81
7Q	1030	851	81

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY 1 (SQ.FT.)	BALCONY 2 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
10R	1079	1,765	105	80	185
9R	1063	1,765	105	80	185
8R	1047	1,765	105	80	185
7R	1031	1,765	105	80	185



RETAIL UNIT	SQ. FT.
	62

GENERAL COMMON ELEMENT	SQ. FT.
	3,539

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	6,744

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6A	1001	1,476	538

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6B	1002	1,106	523

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6C	1003	757	267

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6D	1004	932	215

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6F	1005	774	240

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6G	1006	734	339

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6H	1007	1,242	569

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6J	1008	1,111	279

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6K	1009	910	410

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6L	1010	1,153	517

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6M	1011	1,065	552

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6N	1012	1,208	484

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6P	1013	763	400

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6Q	1014	851	381

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
6R	1015	1,765	1,105

6TH FLOOR PLAN

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER:

DATE: 12/4/09

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE ~~UNITS~~ AS BUILT.

SWORN TO ME BEFORE
THIS 23rd DAY OF November 2009.

MICHAEL S. SPIVACK
NOTARY PUBLIC, State of New York
No. 01SP4978714
Qualified in Queens County
Commission Expires March 11, 2011

REGISTERED ARCHITECT
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

KEY:
- RESIDENTIAL UNIT
- RESTAURANT KITCHEN EXHAUST FLUE EASEMENT AREA
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS (EAST) RESIDENTIAL ACCESS UNIT

PROJECT NUMBER: 19712.00

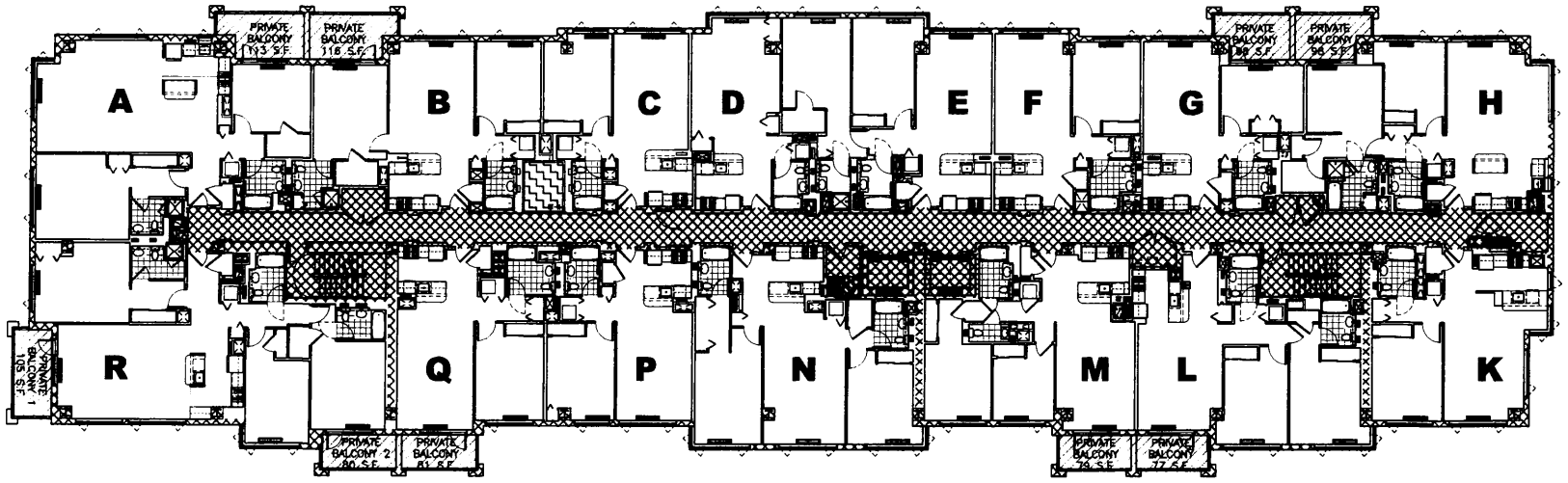
DRAWING TITLE:
TOWER 3: 6TH - 10TH FLOOR PLANS

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER THREE TAX LOT**

DRAWING NUMBER: **TL-03**

DATE: **SEPTEMBER 3, 2009**

SCALE: **1/32" = 1'-0"**



RETAIL UNIT	SQ. FT.
	62

GENERAL COMMON ELEMENT	SQ. FT.
	2,544

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	848

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-A	1125	1,476	113
15A	1110	1,476	113
12A	1095	1,476	113

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-B	1126	1,106	116
15B	1111	1,106	116
12B	1096	1,106	116

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH3-C	1127	757
15C	1112	757
12C	1097	757

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-D	1128	600	
15D	1113	600	
12D	1098	600	

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH3-E	1129	1,117
15E	1114	1,117
12E	1099	1,117

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH3-F	1130	774
15F	1115	774
12F	1100	774

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-G	1131	734	98
15G	1116	734	98
12G	1101	734	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-H	1132	1,249	98
15H	1117	1,249	98
12H	1102	1,249	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH3-K	1133	910
15K	1118	910
12K	1103	910

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-L	1134	1,153	77
15L	1119	1,153	77
12L	1104	1,153	77

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-M	1135	1,065	79
15M	1120	1,065	79
12M	1105	1,065	79

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH3-N	1136	1,208
15N	1121	1,208
12N	1106	1,208

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH3-P	1137	763
15P	1122	763
12P	1107	763

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH3-Q	1138	851	81
15Q	1123	851	81
12Q	1108	851	81

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY 1 (SQ.FT.)	BALCONY 2 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH3-R	1139	1,765	105	80	185
15R	1124	1,765	105	80	185
12R	1109	1,765	105	80	185

12TH,15TH FLOOR PLANS
(13TH & 14TH NOT USED)

16TH FLOOR PLANS
PENTHOUSE 3

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:
THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER:

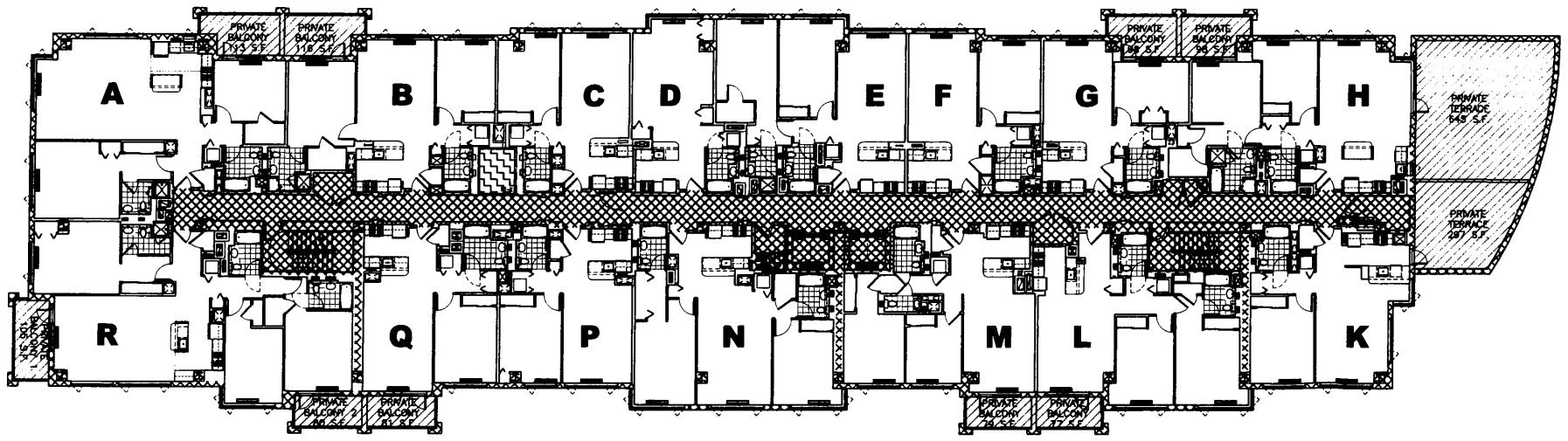
DATE: 12/4/09

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 23rd DAY OF November 2009

MICHAEL S. SPIVACK
NOTARY PUBLIC, State of New York
No. 01SP4978714
Qualified in Queens County
Commission Expires March 11, 2011



RETAIL UNIT	SQ. FT.
	62

GENERAL COMMON ELEMENT	SQ. FT.
	2,632

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	1,788

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
11A	1080	1,476	113

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
11B	1081	1,106	116

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
11C	1082	757

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
11D	1083	600

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
11E	1084	1,117

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
11F	1085	774	

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
11G	1086	734	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)	TERRACE (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
11H	1087	1,249	98	645	743

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
11K	1088	910	297

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
11L	1089	1,153	77

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
11M	1090	1,065	79

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
11N	1091	1,208

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
11P	1092	763

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
11Q	1093	851	81

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY 1 (SQ.FT.)	BALCONY 2 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
11R	1094	1,765	105	80	185

11TH FLOOR PLAN

REGISTERED ARCHITECT CARL W. ORDEMANN 15995 STATE OF NEW YORK SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

KEY:
- RESIDENTIAL UNIT
- RESTAURANT KITCHEN EXHAUST FLUE EASEMENT AREA
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS (EAST) RESIDENTIAL ACCESS UNIT

PROJECT NUMBER: 19712.00

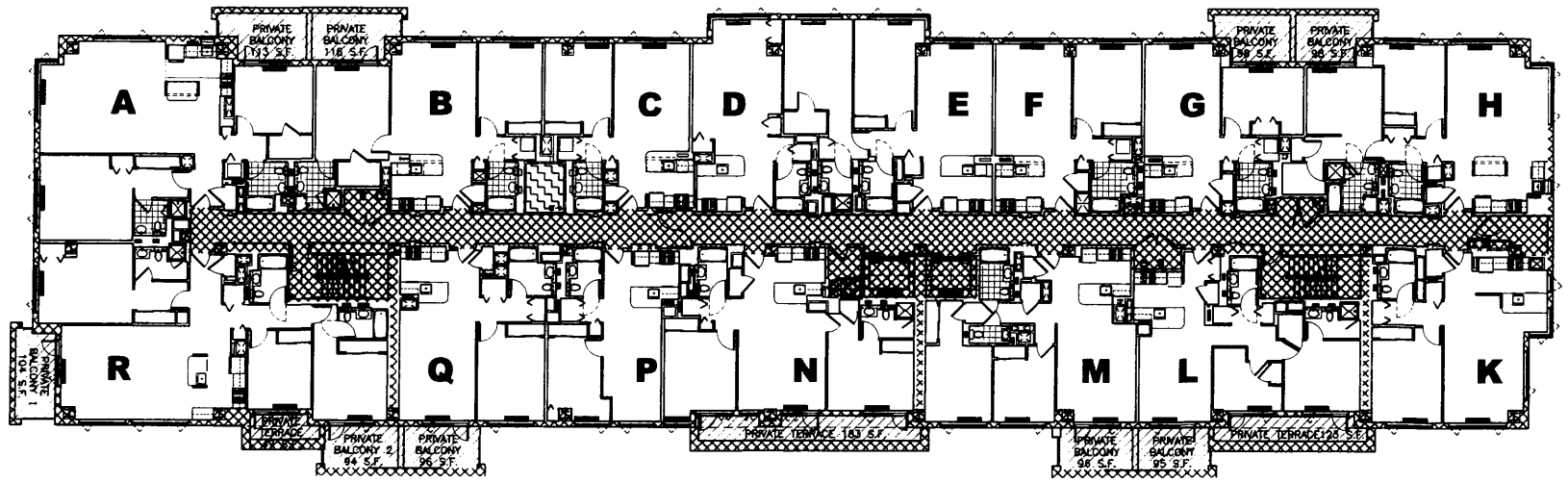
DRAWING TITLE:
TOWER 3: 11TH, 12TH, 15TH & PH-3 (16TH) FLOOR PLANS

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER THREE TAX LOT**

DRAWING NUMBER: **TL-04**

DATE: **SEPTEMBER 3, 2009**

SCALE: **1/32" = 1'-0"**



RETAIL UNIT	SQ. FT.
	62

GENERAL COMMON ELEMENT	SQ. FT.
	2,834

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	1,203

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH1-A	1155	1,476	113

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH1-B	1156	1,106	116

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-C	1157	726

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-D	1158	594

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-E	1159	1,104

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-F	1160	754

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH1-G	1161	734	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH1-H	1162	1,249	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-K	1163	911

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)	TERRACE (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH1-L	1164	982	95	123	218

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH1-M	1165	1,045	96

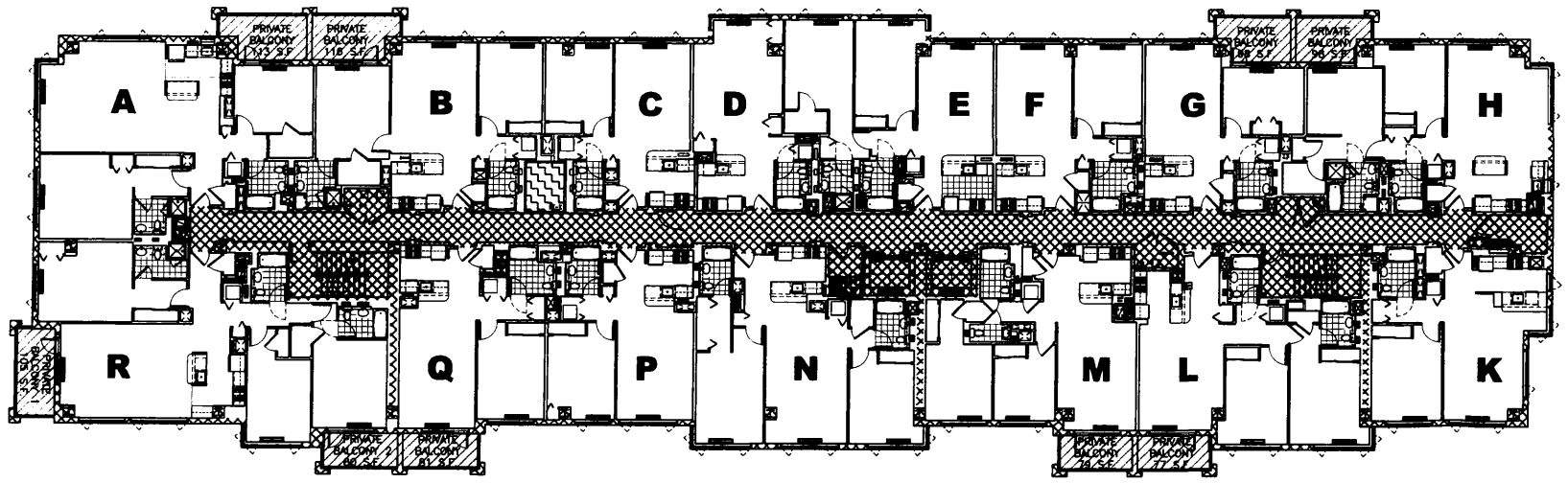
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH1-N	1166	1,104	183

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-P	1167	641

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH1-Q	1168	827	96

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY 1 (SQ.FT.)	BALCONY 2 (SQ.FT.)	TERRACE (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH1-R	1169	1,670	104	94	47	245

18TH FLOOR PLAN
PENTHOUSE 1



RETAIL UNIT	SQ. FT.
	62

GENERAL COMMON ELEMENT	SQ. FT.
	2,548

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	847

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-A	1140	1,476	113

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-B	1141	1,106	116

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-C	1142	726

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-D	1143	594

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-E	1144	1,104

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-F	1145	754

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-G	1146	734	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-H	1147	1,249	98

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-K	1148	910

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-L	1149	1,153	77

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-M	1150	1,065	79

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-N	1151	1,208

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-P	1152	763

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-Q	1153	851	81

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY 1 (SQ.FT.)	BALCONY 2 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH2-R	1154	1,765	105	80	185

17TH FLOOR PLAN
PENTHOUSE 2

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:
THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER:

DATE: 12/4/09

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 23rd DAY OF December 2009

MICHAEL S. SPIVACK
NOTARY PUBLIC, State of New York
No. 01SP4978714
Qualified in Queens County
Commission Expires March 11, 2011

REGISTERED ARCHITECT
W. ORDEMAN
035
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

KEY:
- RESIDENTIAL UNIT
- RESTAURANT KITCHEN EXHAUST FLUE EASEMENT AREA
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS (EAST) RESIDENTIAL ACCESS UNIT

PROJECT NUMBER: 19712.00

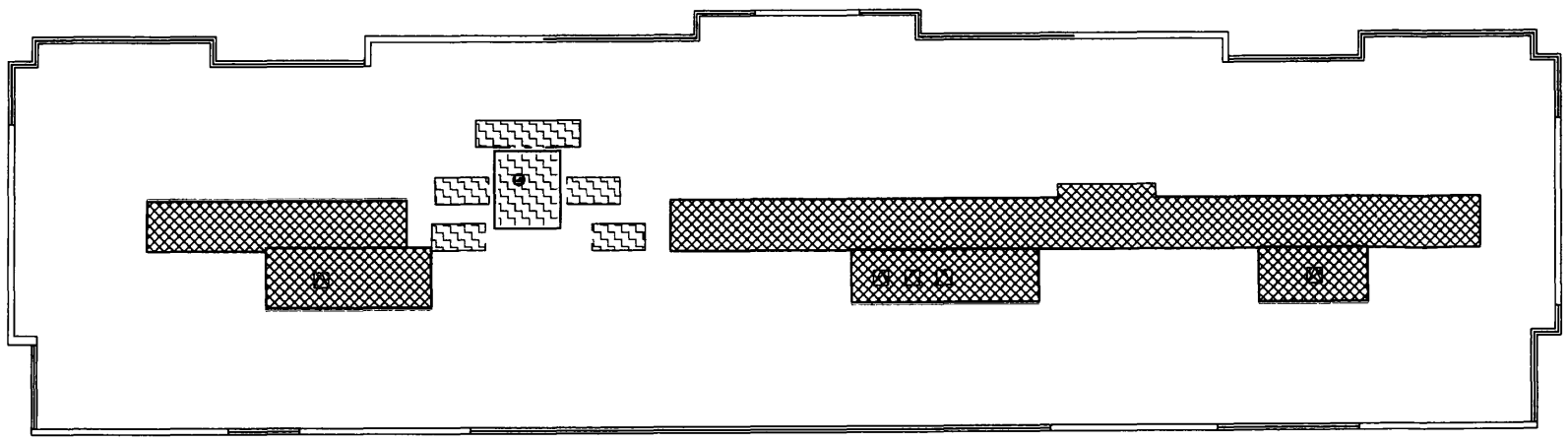
DRAWING TITLE:
TOWER 3:
PH-2 (17TH) & PH-1 (18TH)
FLOOR PLANS

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER THREE TAX LOT**

DRAWING NUMBER: **TL-05**

DATE: **SEPTEMBER 3, 2009**

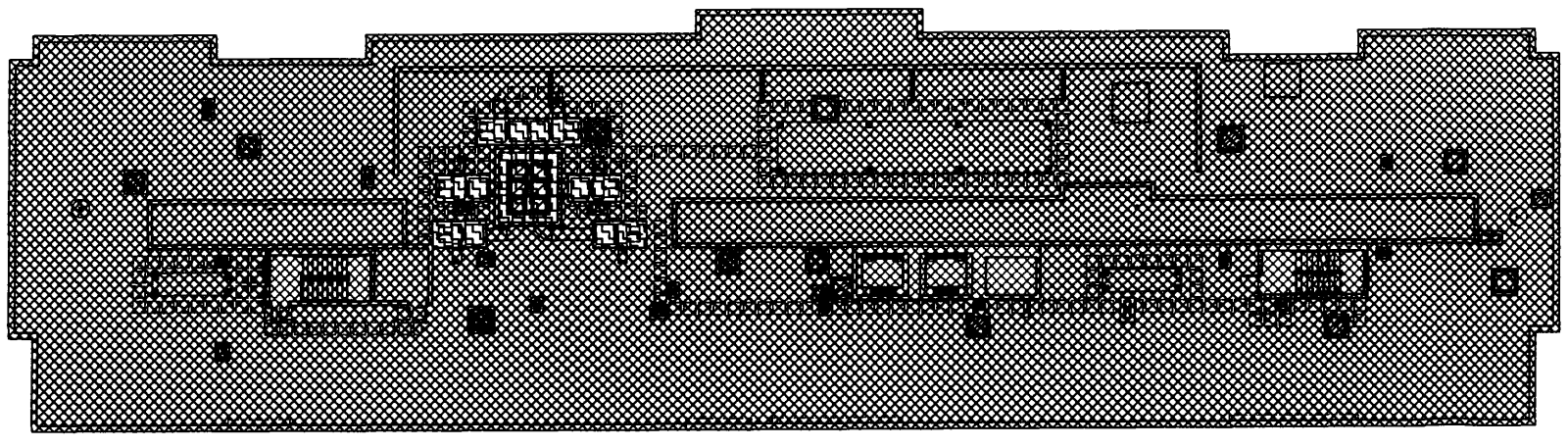
SCALE: **1/32" = 1'-0"**



GENERAL COMMON ELEMENT	SQ. FT.
	2,564

RETAIL UNIT	SQ. FT.
	351

BULKHEAD 2



GENERAL COMMON ELEMENT	SQ. FT.
	16,685

RETAIL UNIT	SQ. FT.
	351

MAIN ROOF – BULKHEAD 1

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER:

DATE: 12/4/09

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 23rd DAY OF November 2009

MICHAEL S. SPIVACK
NOTARY PUBLIC, State of New York
No. 01SP4978714
Qualified in Queens County
Commission Expires March 11, 2011

REGISTERED ARCHITECT
KARL W. ORDEMANN
15995
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
AFC2, LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

KEY:
- RESIDENTIAL UNIT
- RESTAURANT KITCHEN EXHAUST FLUE EASEMENT AREA
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS (EAST) RESIDENTIAL ACCESS UNIT

PROJECT NUMBER: 19712.00

DRAWING TITLE:
TOWER 3: MAIN ROOF - BULKHEAD 1 & 2 FLOOR PLANS

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER THREE TAX LOT**

DRAWING NUMBER: **TL-06**

DATE: **SEPTEMBER 3, 2009**

SCALE: **1/32" = 1'-0"**

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2010102700196002004E2522

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 32**

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS
Document Page Count: 11

PRESENTER:
HOLD FOR DENNISE A. TO PICK UP
ADVANTAGE TITLE AGENCY - TITLE # 10-CQ-42950
410 NEW YORK AVENUE
HUNTINGTON, NY 11743
631-424-6100
mschantz@advantagetitle.com

RETURN TO:
HOLD FOR DENNISE A. TO PICK UP
ADVANTAGE TITLE AGENCY - TITLE # 10-CQ-42950
410 NEW YORK AVENUE
HUNTINGTON, NY 11743
631-424-6100
mschantz@advantagetitle.com

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	9001	Entire Lot		135-01 ROOSEVELT AVENUE
Property Type:	COMMERCIAL REAL ESTATE				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1301	Entire Lot	8B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

x Additional Properties on Continuation Page

CROSS REFERENCE DATA

CRFN_____ ***or*** Document ID_____ ***or*** _____ Year____ Reel ___ Page ____ ***or*** File Number_____

PARTIES

PARTY 1:
SKY VIEW PARC RESIDENTIAL CONDO TOWER 1 & TOWER 2
40-26 COLLEGE POINT BLVD. (TOWER ONE), 40-28 COLLEGE POINT BLVD. (TOWER TWO)
FLUSHING, NY 11354

FEES AND TAXES

Mortgage

Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	180.00
Affidavit Fee:	$	0.00

Filing Fee: $ 0.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 10-28-2010 14:59
City Register File No.(CRFN):
2010000361457

City Register Official Signature

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2010102700196002004C27A2

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1302	Entire Lot	8C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1303	Entire Lot	8D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1304	Entire Lot	8E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1305	Entire Lot	8F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1306	Entire Lot	8I	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1307	Entire Lot	8J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1308	Entire Lot	8K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1309	Entire Lot	8L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1310	Entire Lot	8M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1311	Entire Lot	8N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1312	Entire Lot	9A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1313	Entire Lot	9B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1314	Entire Lot	9C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1315	Entire Lot	9D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

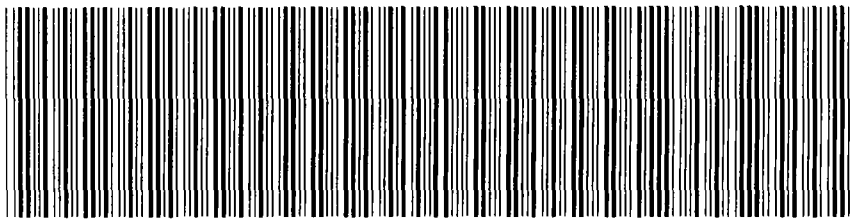
2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1316	Entire Lot	9E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1317	Entire Lot	9F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1318	Entire Lot	9G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1319	Entire Lot	9H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1320	Entire Lot	9I	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1321	Entire Lot	9J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1322	Entire Lot	9K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1323	Entire Lot	9L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1324	Entire Lot	9M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1325	Entire Lot	9N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1326	Entire Lot	9P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1327	Entire Lot	10A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1328	Entire Lot	10B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1329	Entire Lot	10C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2010102700196002004C27A2

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 4 OF 32**

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1330	Entire Lot	10D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1331	Entire Lot	10E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1332	Entire Lot	10F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1333	Entire Lot	10G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1334	Entire Lot	10H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1335	Entire Lot	10I	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1336	Entire Lot	10J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1337	Entire Lot	10K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1338	Entire Lot	10L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1339	Entire Lot	10M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1340	Entire Lot	10N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1341	Entire Lot	10P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1342	Entire Lot	11A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1343	Entire Lot	11B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2010102700196002004C27A2

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) PAGE 5 OF 32

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1344	Entire Lot	11C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1345	Entire Lot	11D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1346	Entire Lot	11E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1347	Entire Lot	11F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1348	Entire Lot	11G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1349	Entire Lot	11H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1350	Entire Lot	11I	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1351	Entire Lot	11J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1352	Entire Lot	11K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1353	Entire Lot	11L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1354	Entire Lot	11M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1355	Entire Lot	11N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1356	Entire Lot	11P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1357	Entire Lot	12A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

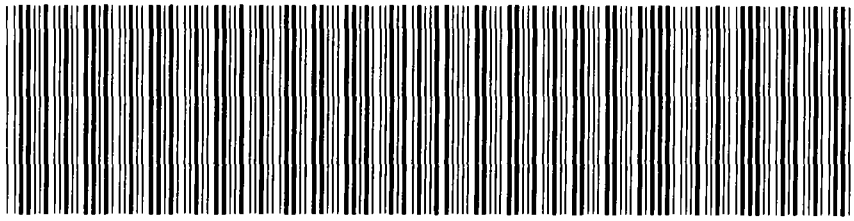
2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1358	Entire Lot	12B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1359	Entire Lot	12C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1360	Entire Lot	12D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1361	Entire Lot	12E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1362	Entire Lot	12F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1363	Entire Lot	12G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1364	Entire Lot	12H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1365	Entire Lot	12I	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1366	Entire Lot	12J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1367	Entire Lot	12K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1368	Entire Lot	12L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1369	Entire Lot	12M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1370	Entire Lot	12N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1371	Entire Lot	12P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



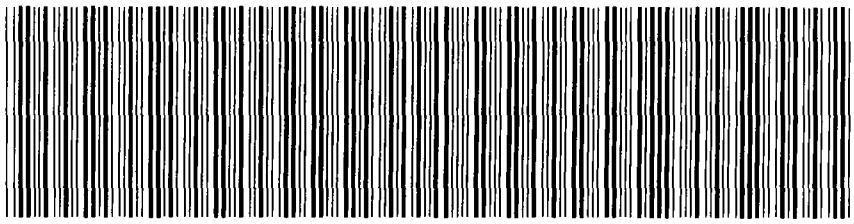
2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1372	Entire Lot	15A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1373	Entire Lot	15B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1374	Entire Lot	15C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1375	Entire Lot	15D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1376	Entire Lot	15E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1377	Entire Lot	15F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1378	Entire Lot	15G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1379	Entire Lot	15J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1380	Entire Lot	15K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1381	Entire Lot	15L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1382	Entire Lot	15M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1383	Entire Lot	15N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1384	Entire Lot	15P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1385	Entire Lot	16A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1386	Entire Lot	16B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1387	Entire Lot	16C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1388	Entire Lot	16D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1389	Entire Lot	16E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1390	Entire Lot	16F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1391	Entire Lot	16G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1392	Entire Lot	16J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1393	Entire Lot	16K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1394	Entire Lot	16L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1395	Entire Lot	16M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1396	Entire Lot	16N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1397	Entire Lot	16P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1398	Entire Lot	17A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1399	Entire Lot	17B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2010102700196002004C27A2

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1400	Entire Lot	17C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1401	Entire Lot	17D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1402	Entire Lot	17E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1403	Entire Lot	17F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1404	Entire Lot	17G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1405	Partial Lot	17J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1406	Entire Lot	17K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1407	Entire Lot	17L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1408	Entire Lot	17M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1409	Entire Lot	17N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1410	Entire Lot	17P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1411	Entire Lot	18A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1412	Entire Lot	18B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1413	Entire Lot	18C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1414	Entire Lot	18D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1415	Entire Lot	18E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1416	Entire Lot	18F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1417	Entire Lot	18G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1418	Entire Lot	18J	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1419	Entire Lot	18K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1420	Entire Lot	18L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1421	Entire Lot	18M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1422	Entire Lot	18N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1423	Entire Lot	18P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1424	Entire Lot	PH2A	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1425	Entire Lot	PH2B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1426	Entire Lot	PH2C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1427	Entire Lot	PH2D	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1428	Entire Lot	PH2E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1429	Entire Lot	PH2F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1430	Entire Lot	PH2G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1431	Entire Lot	PH2H	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1432	Entire Lot	PH2K	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1433	Entire Lot	PH2L	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1434	Entire Lot	PH2M	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1435	Entire Lot	PH2N	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1436	Entire Lot	PH2P	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1437	Entire Lot	PH1B	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1438	Entire Lot	PH1C	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1439	Entire Lot	PH1E	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1440	Entire Lot	PH1F	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1441	Entire Lot	PH1G	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

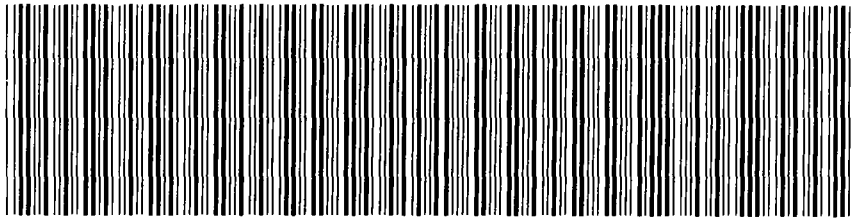
2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1442	Entire Lot	PH1J	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1443	Entire Lot	PH1K	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1444	Entire Lot	PH1M	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1445	Entire Lot	PH1N	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1446	Entire Lot	805	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1447	Entire Lot	806	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1448	Entire Lot	807	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1449	Entire Lot	808	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1450	Entire Lot	809	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1451	Entire Lot	810	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1452	Entire Lot	811	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1453	Entire Lot	901	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1454	Entire Lot	902	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1455	Entire Lot	903	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



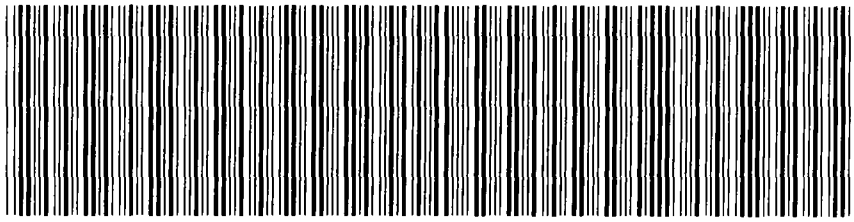
2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1456	Entire Lot	905	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1457	Entire Lot	906	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1458	Entire Lot	907	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1459	Entire Lot	908	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1460	Entire Lot	909	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1461	Partial Lot	910	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1462	Entire Lot	911	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1463	Entire Lot	912	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1464	Entire Lot	915	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1465	Entire Lot	916	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1466	Entire Lot	1001	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1467	Entire Lot	1002	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1468	Entire Lot	1003	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1469	Entire Lot	1005	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1470	Entire Lot	1006	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1471	Entire Lot	1007	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1472	Entire Lot	1008	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1473	Entire Lot	1009	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1474	Entire Lot	1010	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1475	Entire Lot	1011	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1476	Entire Lot	1012	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1477	Entire Lot	1015	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1478	Entire Lot	1016	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1479	Entire Lot	1101	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1480	Entire Lot	1102	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1481	Entire Lot	1103	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1482	Entire Lot	1105	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1483	Entire Lot	1106	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

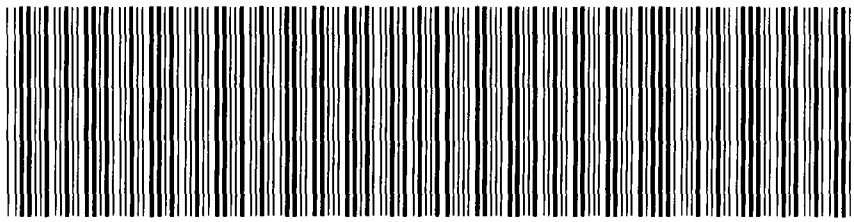
2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1484	Entire Lot	1107	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1485	Entire Lot	1108	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1486	Entire Lot	1109	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1487	Entire Lot	1110	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1488	Entire Lot	1111	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1489	Entire Lot	1112	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1490	Entire Lot	1115	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1491	Entire Lot	1116	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1492	Entire Lot	1201	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1493	Entire Lot	1202	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1494	Entire Lot	1203	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1495	Entire Lot	1205	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1496	Entire Lot	1206	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1497	Entire Lot	1207	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



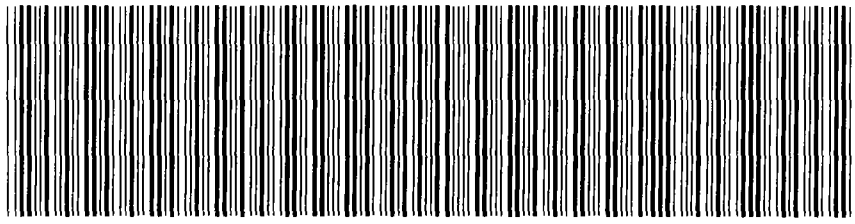
2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1498	Entire Lot	1208	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1499	Entire Lot	1209	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1500	Entire Lot	1210	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1501	Entire Lot	1211	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1502	Entire Lot	1212	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1503	Entire Lot	1215	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1504	Entire Lot	1216	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1505	Entire Lot	1501	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1506	Entire Lot	1502	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1507	Entire Lot	1503	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1508	Entire Lot	1505	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1509	Entire Lot	1506	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1510	Entire Lot	1507	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1511	Entire Lot	1508	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1512	Entire Lot	1509	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1513	Entire Lot	1510	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1514	Entire Lot	1511	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1515	Entire Lot	1512	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1516	Entire Lot	1515	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1517	Entire Lot	1516	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1518	Entire Lot	1601	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1519	Entire Lot	1602	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1520	Entire Lot	1603	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1521	Entire Lot	1605	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1522	Entire Lot	1606	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1523	Entire Lot	1607	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1524	Entire Lot	1608	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1525	Entire Lot	1609	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

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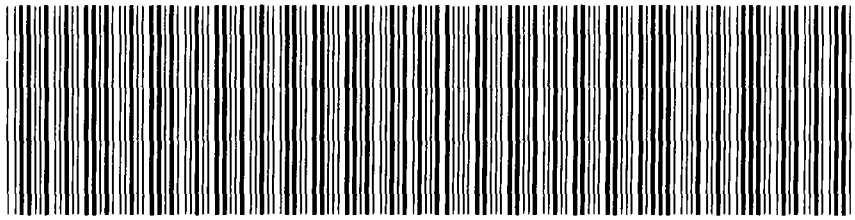

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Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1526	Entire Lot	1610	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1527	Entire Lot	1611	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1528	Entire Lot	1612	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1529	Entire Lot	1615	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1530	Entire Lot	1616	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1531	Entire Lot	1701	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1532	Entire Lot	1702	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1533	Entire Lot	1703	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1534	Entire Lot	1705	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1535	Entire Lot	1706	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1536	Entire Lot	1707	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1537	Entire Lot	1708	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1538	Entire Lot	1709	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1539	Entire Lot	1710	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

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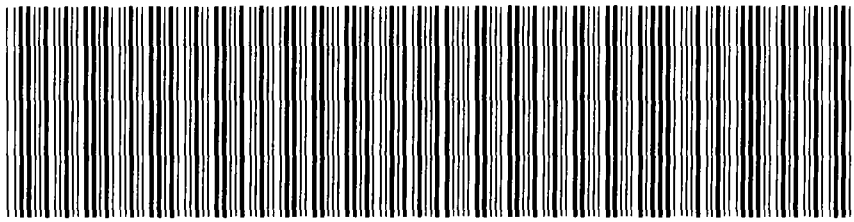

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PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1540	Entire Lot	1711	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1541	Entire Lot	1712	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1542	Entire Lot	1715	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1543	Entire Lot	1716	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1544	Entire Lot	1801	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1545	Entire Lot	1802	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1546	Entire Lot	1803	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1547	Entire Lot	1805	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1548	Entire Lot	1806	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1549	Entire Lot	1807	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1550	Entire Lot	1808	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1551	Entire Lot	1809	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1552	Entire Lot	1810	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1553	Entire Lot	1811	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

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2010102700196002004C27A2

Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
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PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1554	Entire Lot	1812	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1555	Entire Lot	1815	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1556	Entire Lot	1816	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1557	Entire Lot	PH201	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1558	Entire Lot	PH202	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1559	Entire Lot	PH203	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1560	Entire Lot	PH205	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1561	Entire Lot	PH206	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1562	Entire Lot	PH207	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1563	Entire Lot	PH208	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1564	Entire Lot	PH209	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1565	Entire Lot	PH210	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1566	Entire Lot	PH211	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1567	Entire Lot	PH212	40-28 COLLEGE POINT BLVD
Property Type: SINGLE RESIDENTIAL CONDO UNIT					

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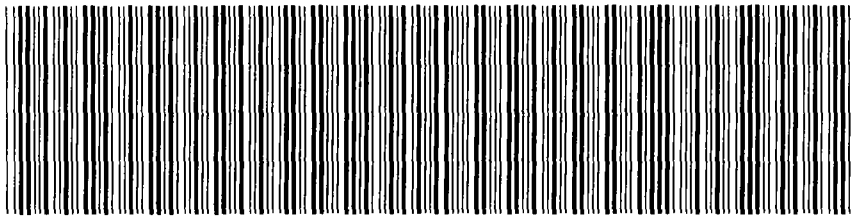

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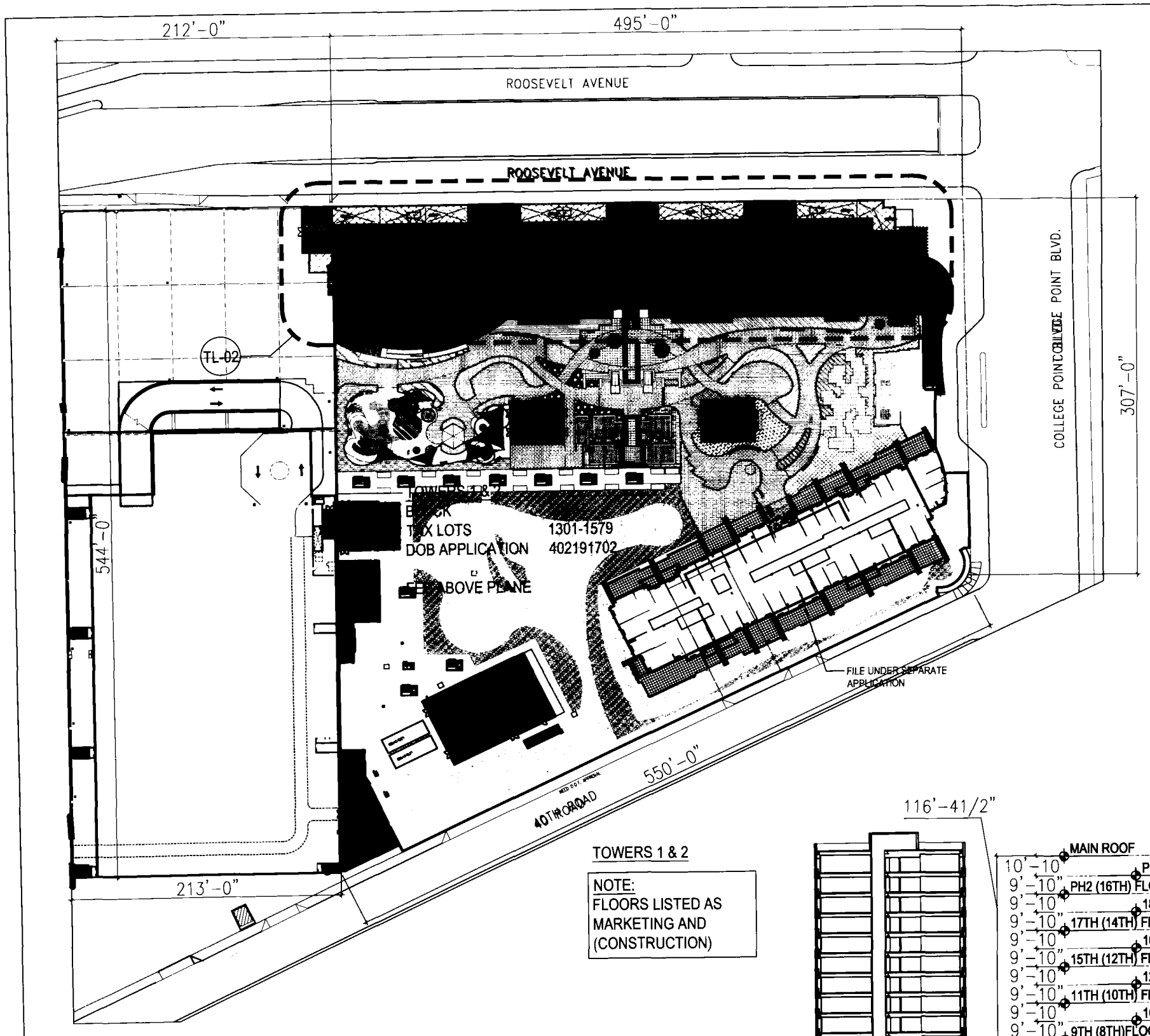
Document ID: 2010102700196002 Document Date: 10-20-2010 Preparation Date: 10-27-2010
Document Type: MAPS

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	5066	1568	Entire Lot	PH215	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1569	Entire Lot	PH216	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1570	Entire Lot	PH101	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1571	Entire Lot	PH102	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1572	Entire Lot	PH103	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1573	Entire Lot	PH106	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1574	Entire Lot	PH107	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1575	Entire Lot	PH108	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1576	Entire Lot	PH110	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1577	Entire Lot	PH111	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1578	Entire Lot	PH115	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				
Borough	**Block**	**Lot**		**Unit**	**Address**
QUEENS	5066	1579	Entire Lot	PH116	40-28 COLLEGE POINT BLVD
Property Type:	SINGLE RESIDENTIAL CONDO UNIT				

CONDOMINIUM NO.:	760
NAME OF CONDOMINIUM:	SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO
ADDRESS OF CONDOMINIUM:	TOWER 1 40-26 COLLEGE POINT BOULEVARD FLUSHING, NEW YORK 11354 TOWER 2 40-28 COLLEGE POINT BOULEVARD FLUSHING, NEW YORK 11354
DECLARANT:	FTC RESIDENTIAL COMPANY I, L.P. 620 EIGHTH AVENUE, 22ND FLOOR NEW YORK, NY 10018
TAX BLOCK:	5066
TAX LOTS:	NKA: LOTS 1301-1579 FKA: LOT 9001
APPROVED BY THE TAX MAP UNIT / LAND RECORDS DIVISION:	October 20, 2010
FILED IN NEW YORK CITY REGISTERS OFFICE :	_____

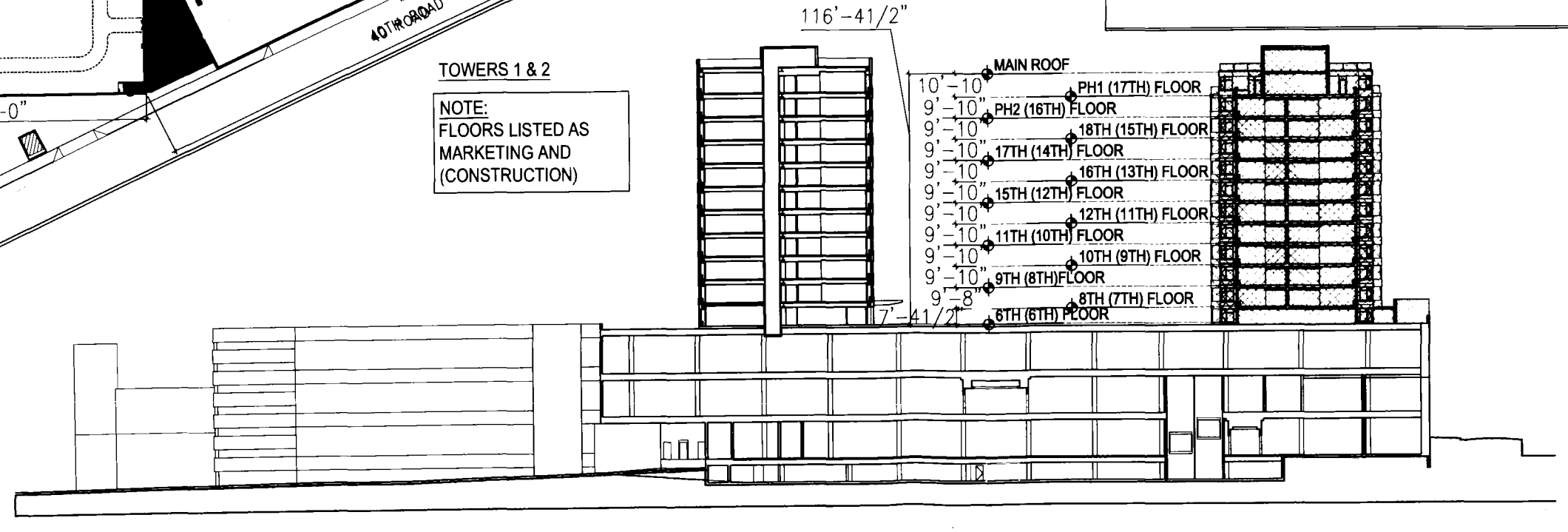
THE LAND AFFECTED BY THE WITHIN INSTRUMENTS LIES IN
SECTION _____ IN TAX BLOCK 5066
ON THE BLOCK MAP OF TAXES AND ASSESSMENTS IN
THE BOROUGH OF QUEENS.



PLOT PLAN
SCALE: 1" = 100'-0"

TOWERS 1 & 2

NOTE:
FLOORS LISTED AS MARKETING AND (CONSTRUCTION)



SECTION
SCALE: 1" = 75'-0"

CONDOMINIUM PLAN CERTIFICATION:

THE TAX MAP UNIT, CITY OF NEW YORK CERTIFIES THAT

(A) THE ANNEXED FLOOR PLANS CONSIST OF 8 PAGES (TL-03 to TL-10) COVERING 12 FLOORS IN PREMISES KNOWN AS:

SKY VIEW PARC RESIDENTIAL CONDOMINIUM
TOWER ONE
40-26 COLLEGE POINT BOULEVARD
FLUSHING, NEW YORK 11354

TOWER TWO
40-28 COLLEGE POINT BOULEVARD
FLUSHING, NEW YORK 11354

(B) THE LOT DESIGNATIONS FOR THE SEPARATE UNITS SHOWN THEREON CONFORM TO THE OFFICIAL TAX LOT NUMBER DESIGNATIONS FOR SUCH UNITS AS SHOWN ON THE BLOCK MAP OF TAXES AND ASSESSMENTS OF THE CITY OF NEW YORK BOROUGH OF QUEENS.

CARTOGRAPHER TAX MAP UNIT: _____

DATE: October 20, 2010

REGISTERED ARCHITECT CARL W. ORDEMANN 15995 STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

PROJECT NUMBER: 19712.00

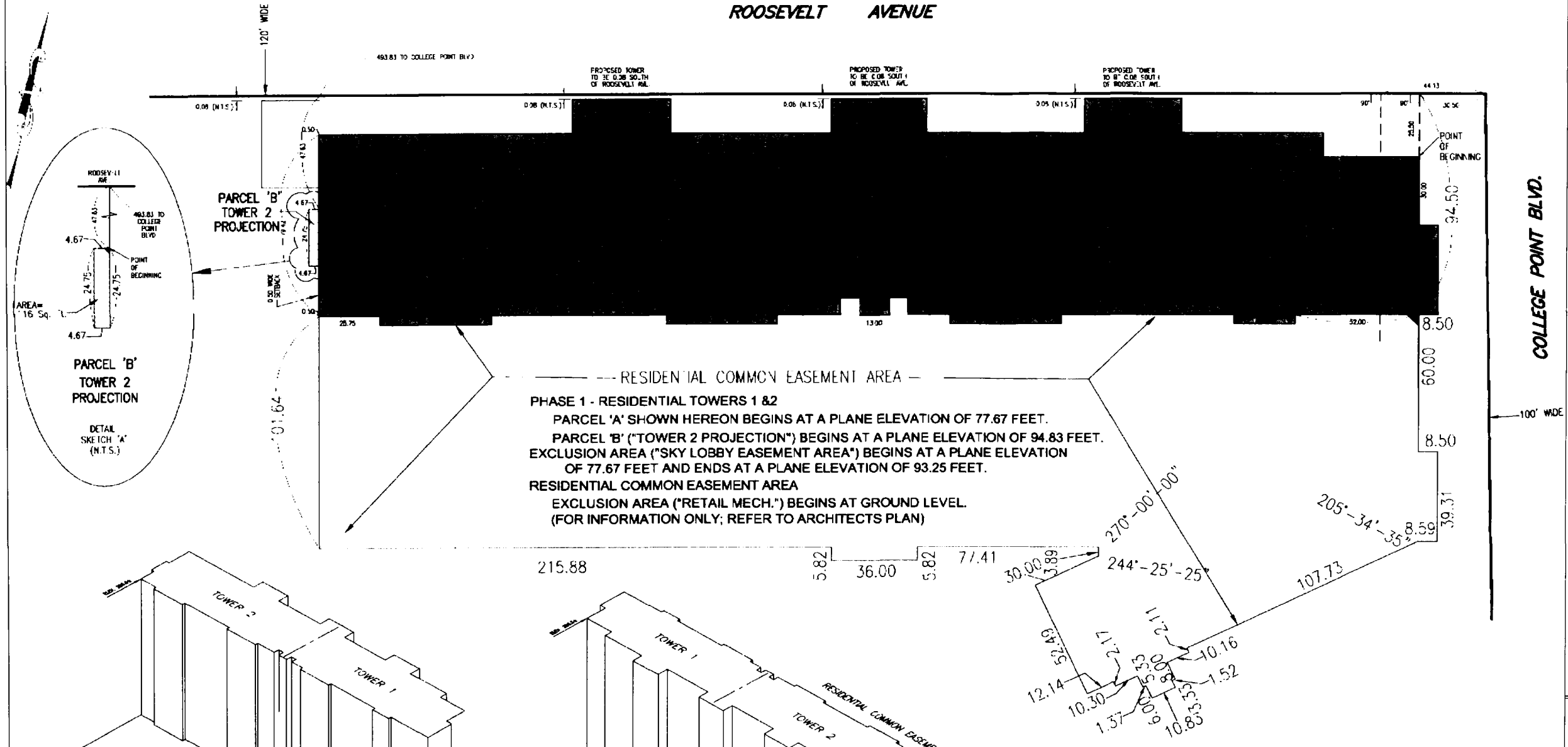
DRAWING TITLE:
PLOT PLAN SECTION &

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-01**

DATE: **AUGUST 27, 2010**

SCALE: **AS SHOWN**



NOTE: ALL ANGLES ARE 90° UNLESS INDICATED OTHERWISE

PARCEL 'A' AREA - 39,107 Sq. Ft.

PARCEL 'B' AREA - 116 Sq. Ft.

RESIDENTIAL COMMON EASEMENT AREA - 51,279 Sq. Ft.

REGISTERED ARCHITECT CHRISTIAN KORDEMANN 15955 STATE OF NEW YORK SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

PROJECT NUMBER: 19712.00

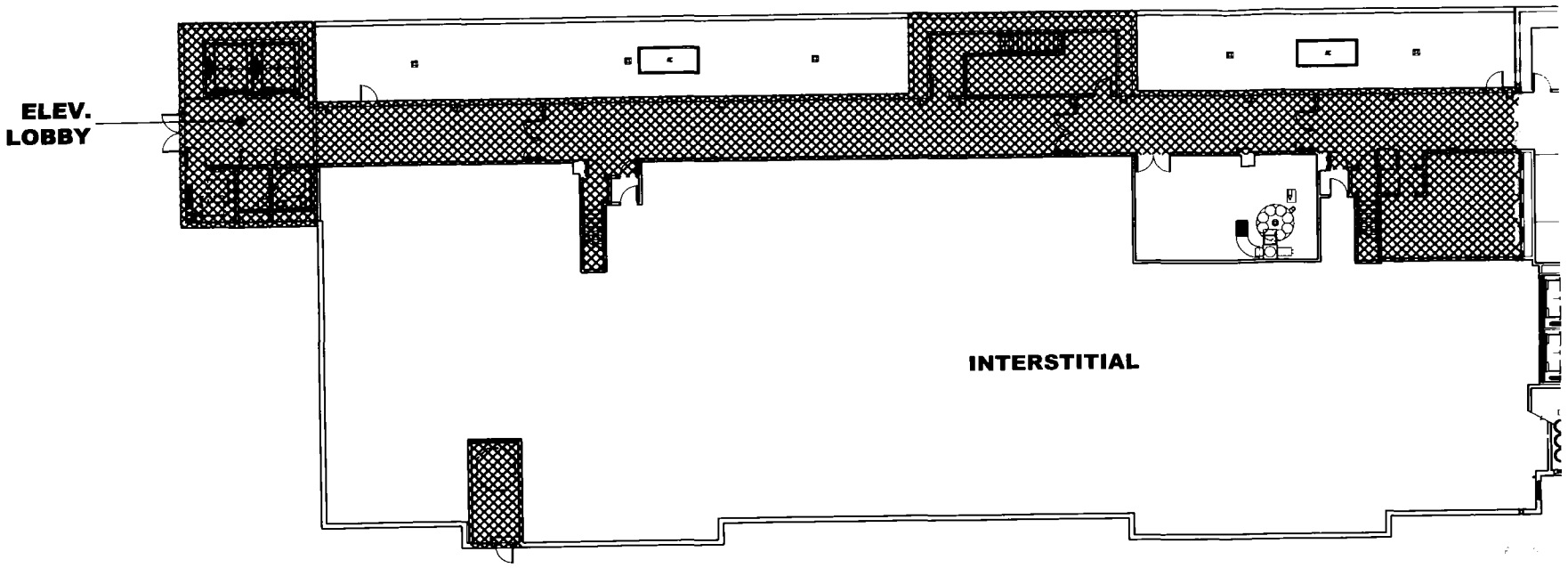
DRAWING TITLE:
TAX LOT SURVEY MAP

SET: SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT

DRAWING NUMBER: TL-02

DATE: AUGUST 27, 2010

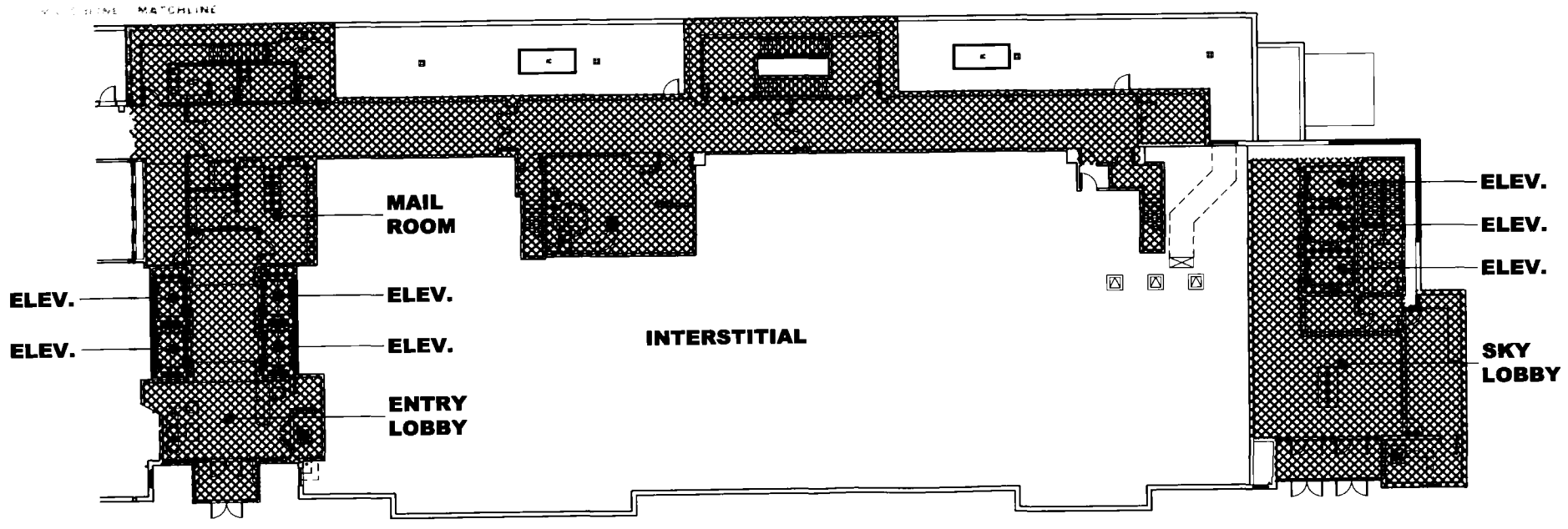
SCALE: NTS



GENERAL COMMON ELEMENT	SQ. FT.
	4,980

TOWER 2

6TH FLOOR PLAN



GENERAL COMMON ELEMENT	SQ. FT.
	8,656

TOWER 1

6TH FLOOR PLAN

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK. BOUROUGH OF QUEENS.

CARTOGRAPHER: [signature]

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE

THIS 15 DAY OF October 2010

[signature]

SEAL

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified In Kings County
My Commission Expires 5/27/2011

REGISTERED ARCHITECT
W. ORDEMAN
15995
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

KEY:

- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

PROJECT NUMBER: 19712.00

DRAWING TITLE:

TOWERS 1 & 2:
6TH FLOOR (MARKETING & CONSTRUCTION)

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-03**

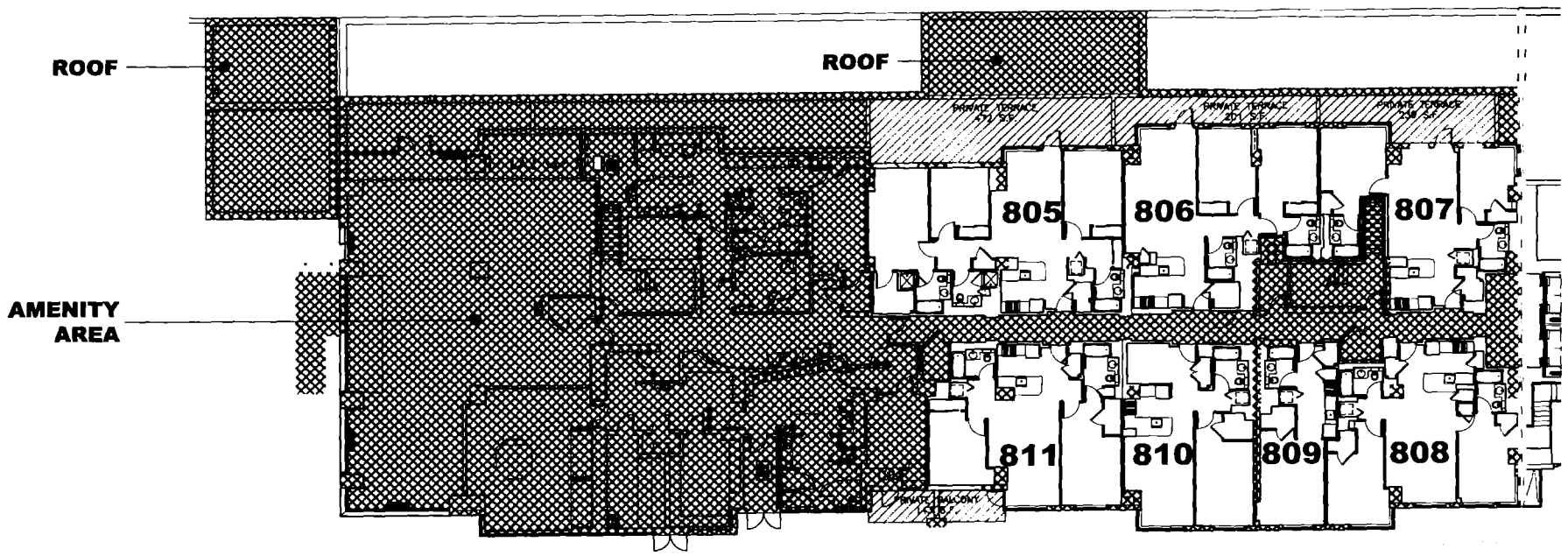
DATE: **OCTOBER 11, 2010**

SCALE: **1/32" = 1'-0"**

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
805	1446	1,434	472

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
806	1447	1,118	201

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
807	1448	1,009	239



APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
811	1452	1,053	143

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
810	1451	851

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
809	1450	498

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
808	1449	1,074

GENERAL COMMON ELEMENT	SQ. FT.
	11,314

TOWER 2

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	1,104

8TH FLOOR – MARKETING

7TH FLOOR – CONSTRUCTION

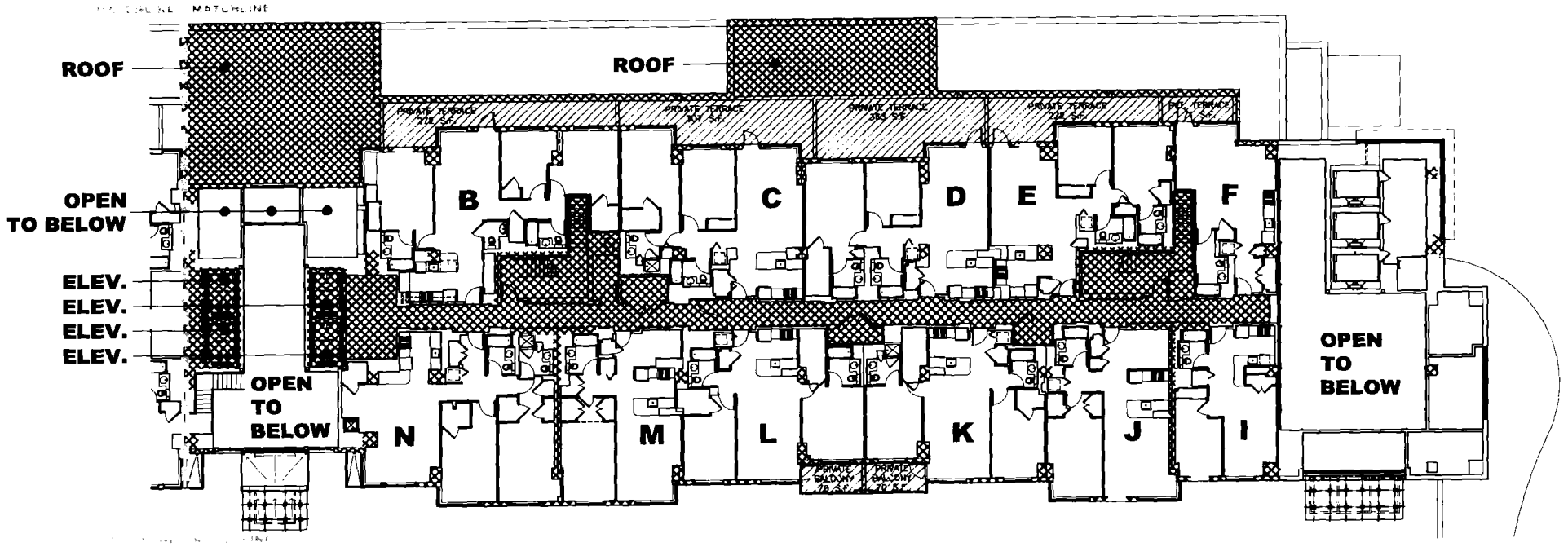
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
8B	1301	1,388	272

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
8C	1302	1,129	307

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
8D	1303	1,110	363

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
8E	1304	1,052	222

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
8F	1305	630	71



GENERAL COMMON ELEMENT	SQ. FT.
	2,741

TOWER 1

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	1,438

8TH FLOOR – MARKETING

7TH FLOOR – CONSTRUCTION

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
8N	1311	1,365

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
8M	1310	875

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
8L	1309	1,052	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
8K	1308	1,046	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
8J	1307	891

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
8I	1306	669

DIMENSION OF UNITS

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER: [signature]

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 15 DAY OF October, 2010

[signature]
SEAL

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified in Kings County
My Commission Expires 5/07/2011

REGISTERED ARCHITECT CARL W. ORDEMANN 15995 STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

KEY:
- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

PROJECT NUMBER: 19712.00

DRAWING TITLE:
TOWERS 1 & 2:
8TH FLOOR (MARKETING)
7TH FLOOR
(CONSTRUCTION)

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-04**

DATE: **OCTOBER 11, 2010**

SCALE: **1/32" = 1'-0"**

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
901	1453	1,653
1001	1466	1,653
1101	1479	1,653
1201	1492	1,653
1501	1505	1,653
1601	1518	1,653
1701	1531	1,653
1801	1544	1,653

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
902	1454	1,061
1002	1467	1,061
1102	1480	1,061
1202	1493	1,061
1502	1506	1,061
1602	1519	1,061
1702	1532	1,061
1802	1545	1,061

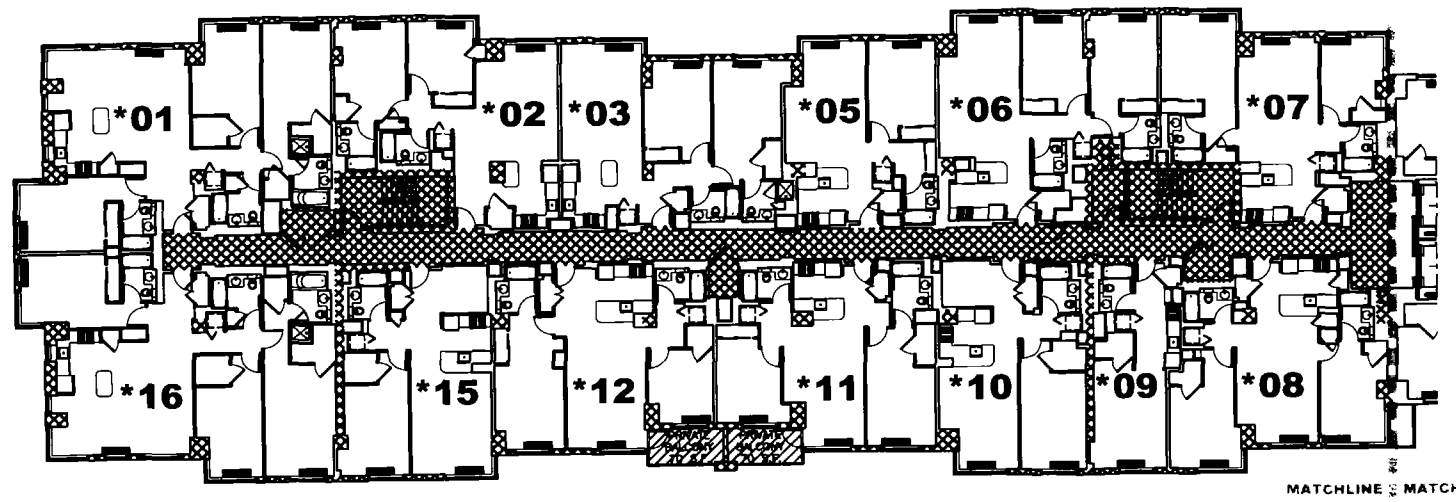
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
903	1455	1,107
1003	1468	1,107
1103	1481	1,107
1203	1494	1,107
1503	1507	1,107
1603	1520	1,107
1703	1533	1,107
1803	1546	1,107

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
905	1456	768
1005	1469	768
1105	1482	768
1205	1495	768
1505	1508	768
1605	1521	768
1705	1534	768
1805	1547	768

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
906	1457	1,118
1006	1470	1,118
1106	1483	1,118
1206	1496	1,118
1506	1509	1,118
1606	1522	1,118
1706	1535	1,118
1806	1548	1,118

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
907	1458	1,059
1007	1471	1,059
1107	1484	1,059
1207	1497	1,059
1507	1510	1,059
1607	1523	1,059
1707	1536	1,059
1807	1549	1,059

MATCHLINE MATCHLINE



MATCHLINE MATCHLINE

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
911	1462	1,053	70
1011	1475	1,053	70
1111	1488	1,053	70
1211	1501	1,053	70
1511	1514	1,053	70
1611	1527	1,053	70
1711	1540	1,053	70
1811	1553	1,053	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
912	1463	1,083	70
1012	1476	1,083	70
1112	1489	1,083	70
1212	1502	1,083	70
1512	1515	1,083	70
1612	1528	1,083	70
1712	1541	1,083	70
1812	1554	1,083	70

GENERAL COMMON ELEMENT	SQ. FT.
	2,254

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	144

TOWER 2

9TH – 18TH FLOOR – MARKETING
(13TH/14TH NOT USED)
8TH – 15TH FLOOR – CONSTRUCTION

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
916	1465	1,691
1016	1478	1,691
1116	1491	1,691
1216	1504	1,691
1516	1517	1,691
1616	1530	1,691
1716	1543	1,691
1816	1556	1,691

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
915	1464	896
1015	1477	896
1115	1490	896
1215	1503	896
1515	1516	896
1615	1529	896
1715	1542	896
1815	1555	896

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
910	1461	851
1010	1474	851
1110	1487	851
1210	1500	851
1510	1513	851
1610	1526	851
1710	1539	851
1810	1552	851

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
909	1460	498
1009	1473	498
1109	1486	498
1209	1499	498
1509	1512	498
1609	1525	498
1709	1538	498
1809	1551	498

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
908	1459	1,074
1008	1472	1,074
1108	1485	1,074
1208	1498	1,074
1508	1511	1,074
1608	1524	1,074
1708	1537	1,074
1808	1550	1,074

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9A	1312	812
10A	1327	812
11A	1342	812
12A	1357	812

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9B	1313	1,423
10B	1328	1,423
11B	1343	1,423
12B	1358	1,423

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9C	1314	1,129
10C	1329	1,129
11C	1344	1,129
12C	1359	1,129

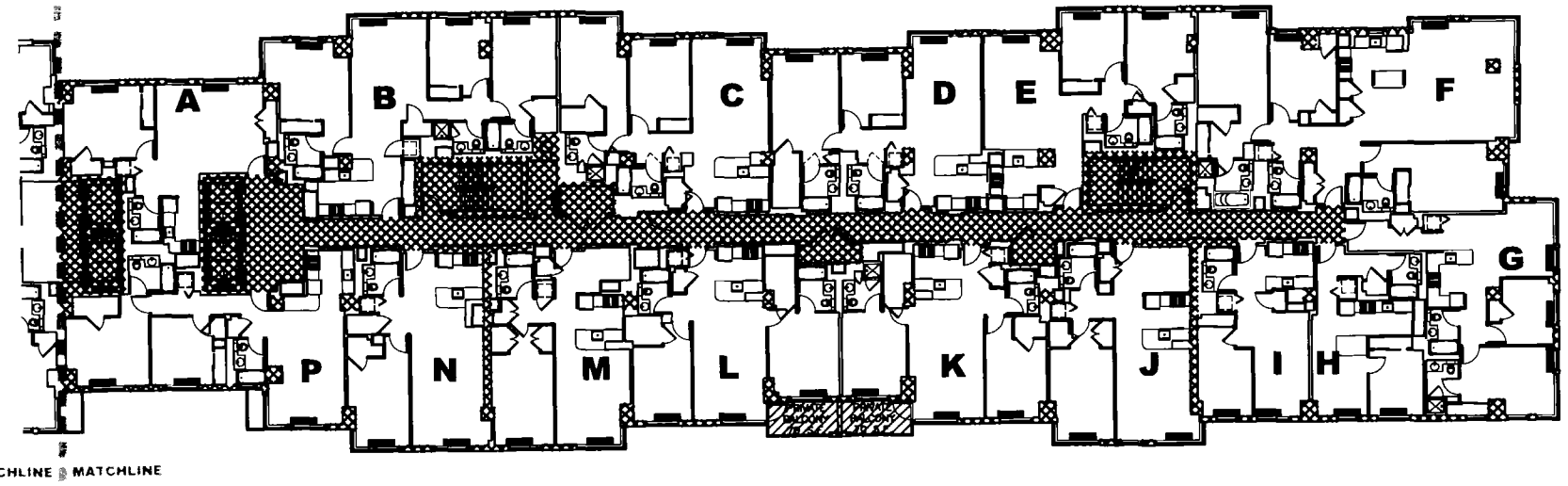
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9D	1315	1,110
10D	1330	1,110
11D	1345	1,110
12D	1360	1,110

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9E	1316	1,052
10E	1331	1,052
11E	1346	1,052
12E	1361	1,052

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9F	1317	1,855
10F	1332	1,855
11F	1347	1,855
12F	1362	1,855

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9G	1318	954
10G	1333	954
11G	1348	954
12G	1363	954

MATCHLINE MATCHLINE



MATCHLINE MATCHLINE

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
9L	1323	1,052	70
10L	1338	1,052	70
11L	1353	1,052	70
12L	1368	1,052	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
9K	1322	1,046	70
10K	1337	1,046	70
11K	1352	1,046	70
12K	1367	1,046	70

GENERAL COMMON ELEMENT	SQ. FT.
	2,739

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	144

TOWER 1

9TH – 12TH FLOOR – MARKETING
(13TH/14TH NOT USED)
8TH – 11TH FLOOR – CONSTRUCTION

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9P	1326	1,111
10P	1341	1,111
11P	1356	1,111
12P	1371	1,111

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9N	1325	851
10N	1340	851
11N	1355	851
12N	1370	851

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9M	1324	875
10M	1339	875
11M	1354	875
12M	1369	875

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9J	1321	891
10J	1336	891
11J	1351	891
12J	1366	891

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9I	1320	643
10I	1335	643
11I	1350	643
12I	1365	643

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
9H	1319	571
10H	1334	571
11H	1349	571
12H	1364	571

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER: Attic E Stuffmon

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE

THIS 15 DAY OF October 2010

SEAL

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified in Kings County
My Commission Expires 5/26/2011

Melody Ramos

REGISTERED ARCHITECT
CARL W. ORDEMANN
15995
STATE OF NEW YORK
SEAL

ARCHITECT:

Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:

FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

KEY:

- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

PROJECT NUMBER: 19712.00

DRAWING TITLE:
TOWERS 1 & 2:
9TH - 12TH FLOORS (MARKETING)
8TH - 11TH FLOORS (CONSTRUCTION)

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-05**

DATE: **OCTOBER 11, 2010**

SCALE: **1/32"=1'-0**

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

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CARTOGRAPHER: _____

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE

THIS 15 DAY OF October 2010

Melody Ramos

SEAL.

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified In Kings County
My Commission Expires 5/31/2011

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15A	1372	812
16A	1385	812
17A	1398	812
18A	1411	812

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15B	1373	1,423
16B	1386	1,423
17B	1399	1,423
18B	1412	1,423

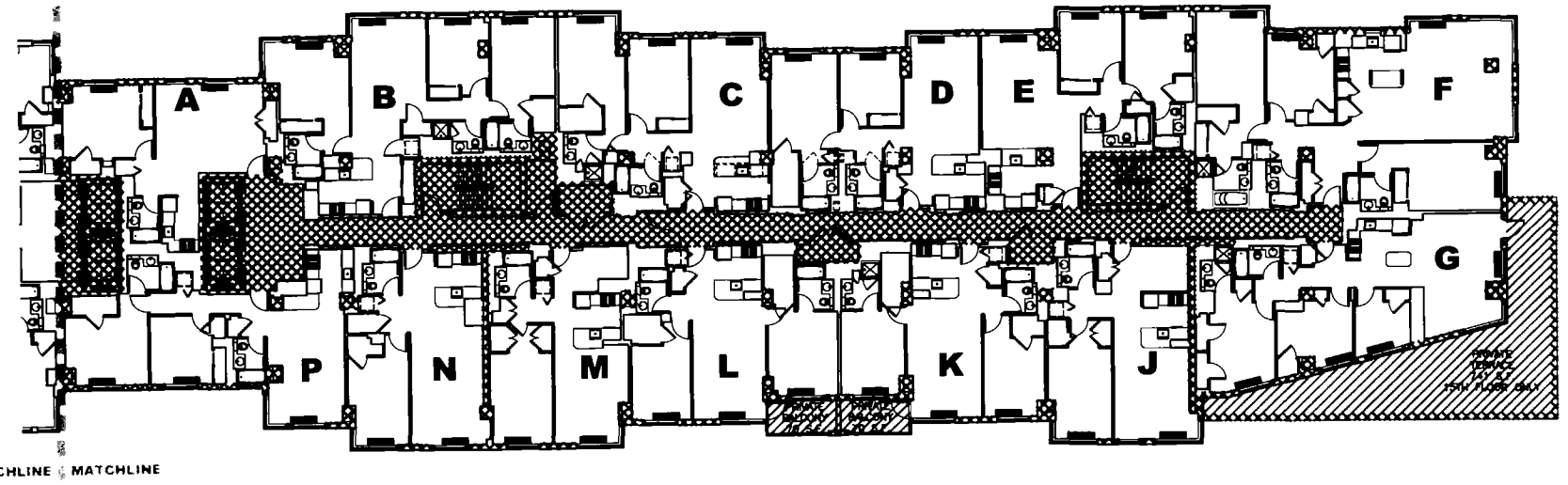
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15C	1374	1,129
16C	1387	1,129
17C	1400	1,129
18C	1413	1,129

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15D	1375	1,110
16D	1388	1,110
17D	1401	1,110
18D	1414	1,110

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15E	1376	1,052
16E	1389	1,052
17E	1402	1,052
18E	1415	1,052

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15F	1377	1,855
16F	1390	1,855
17F	1403	1,855
18F	1416	1,855

MATCHLINE MATCHLINE



MATCHLINE MATCHLINE

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
15L	1381	1,052	70
16L	1394	1,052	70
17L	1407	1,052	70
18L	1420	1,052	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
15K	1380	1,046	70
16K	1393	1,046	70
17K	1406	1,046	70
18K	1419	1,046	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15P	1384	1,111
16P	1397	1,111
17P	1410	1,111
18P	1423	1,111

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15N	1383	851
16N	1396	851
17N	1409	851
18N	1422	851

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15M	1382	875
16M	1395	875
17M	1408	875
18M	1421	875

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
15J	1379	891
16J	1392	891
17J	1405	891
18J	1418	891

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
15G	1378	1,317	741
16G	1391	1,317	
17G	1404	1,317	
18G	1417	1,317	

GENERAL COMMON ELEMENT	SQ. FT.
	2,824

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	885

TOWER 1

15TH – 18TH FLOOR– MARKETING
(13TH/14TH NOT USED)
12TH – 15TH FLOOR– CONSTRUCTION

REGISTERED ARCHITECT
CARL W. ORDEMANN
15995
STATE OF NEW YORK
SEAL

ARCHITECT:

Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:

FTC RESIDENTIAL COMPANY I, L.P
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

KEY:

- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

PROJECT NUMBER: 19712.00

DRAWING TITLE:
TOWERS 1:
15TH - 18TH FLOORS (MARKETING)
12TH - 15TH FLOORS (CONSTRUCTION)

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-06**

DATE: **OCTOBER 11, 2010**

SCALE: **1/32"=1'-0**

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH201	1557	1,653

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH202	1558	1,061

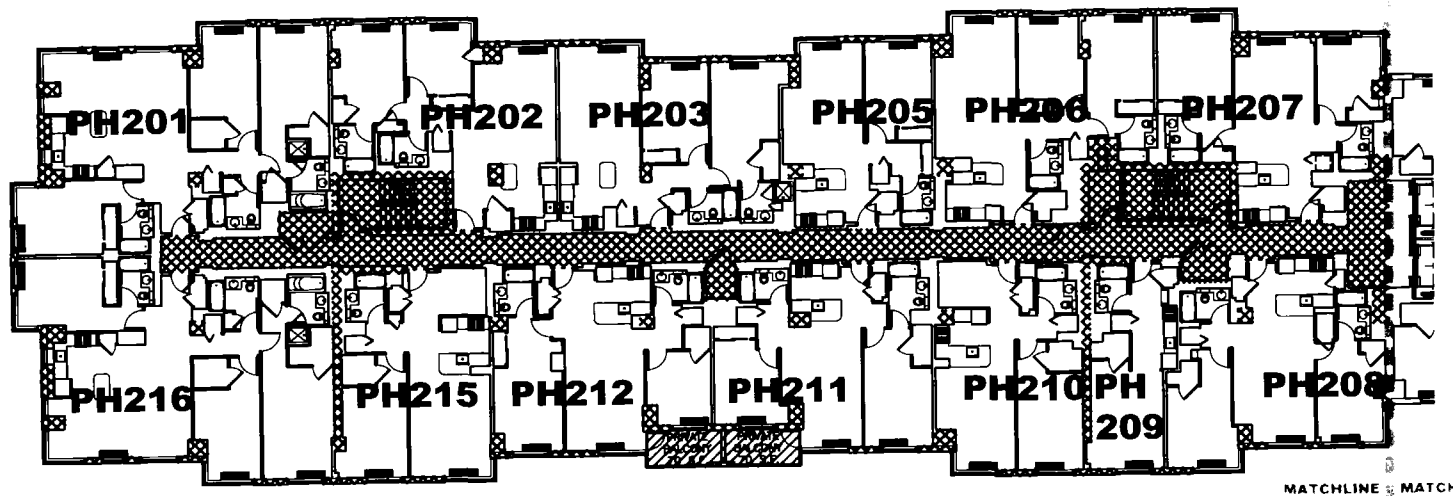
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH203	1559	1,107

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH205	1560	768

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH206	1561	1,118

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH207	1562	1,059

MATCHLINE



MATCHLINE

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH211	1566	1,053	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH212	1567	1,083	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH216	1569	1,691

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH215	1568	896

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH210	1565	851

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH209	1564	498

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH208	1563	1,074

GENERAL COMMON ELEMENT	SQ. FT.
	2,259

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	144

TOWER 2

PENTHOUSE 2 – MARKETING

16TH FLOOR – CONSTRUCTION

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-A	1424	812

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-B	1425	1,423

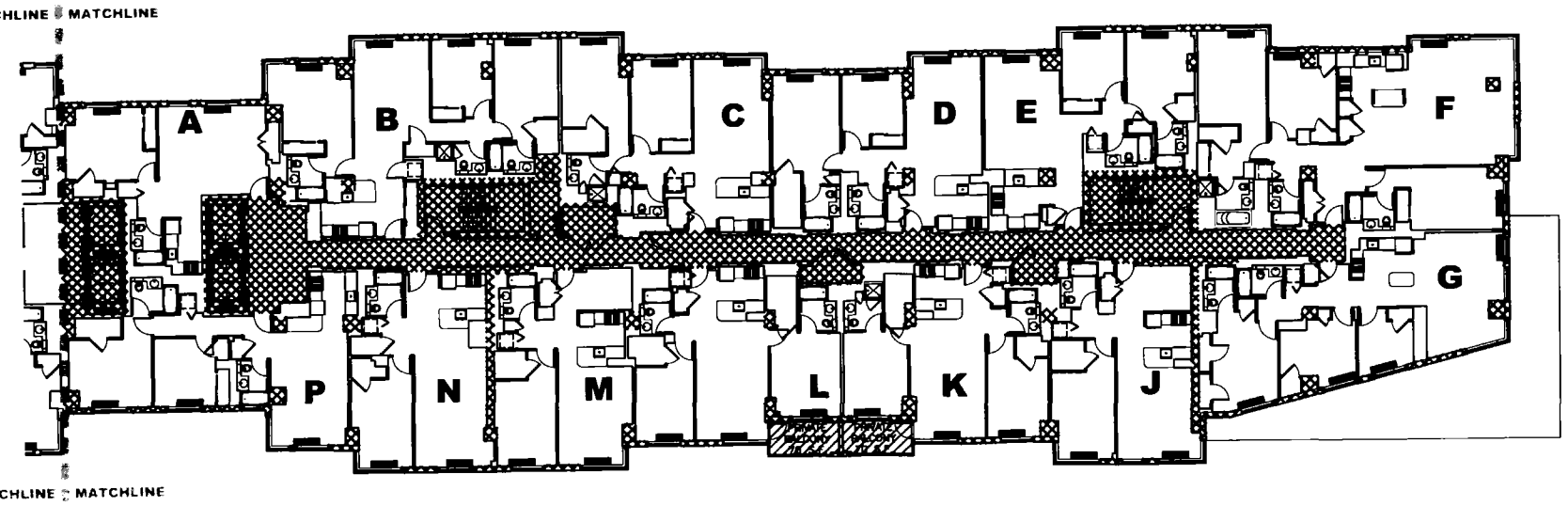
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-C	1426	1,129

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-D	1427	1,110

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-E	1428	1,052

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-F	1429	1,855

MATCHLINE



MATCHLINE

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-L	1433	1,052	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH2-K	1432	1,046	70

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-P	1436	1,111

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-N	1435	851

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-M	1434	875

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-J	1431	891

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH2-G	1430	1,317

GENERAL COMMON ELEMENT	SQ. FT.
	2,730

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	144

TOWER 1

PENTHOUSE 2 – MARKETING

16TH FLOOR – CONSTRUCTION

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER: [signature]

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 15 DAY OF October, 2010

SEAL

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified in Kings County
My Commission Expires 5/2/2012

Melody Ramos

REGISTERED ARCHITECT
CARL W. ORDEMANN
15995
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
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F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

PROJECT NUMBER: 19712.00

KEY:
- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

DRAWING TITLE:
TOWERS 1 & 2:
PH2 (19TH) FLOOR (MARKETING)
16TH FLOOR (CONSTRUCTION)

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-07**

DATE: **OCTOBER 11, 2010**

SCALE: **1/32"=1'-0**

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH101	1570	1,534	89

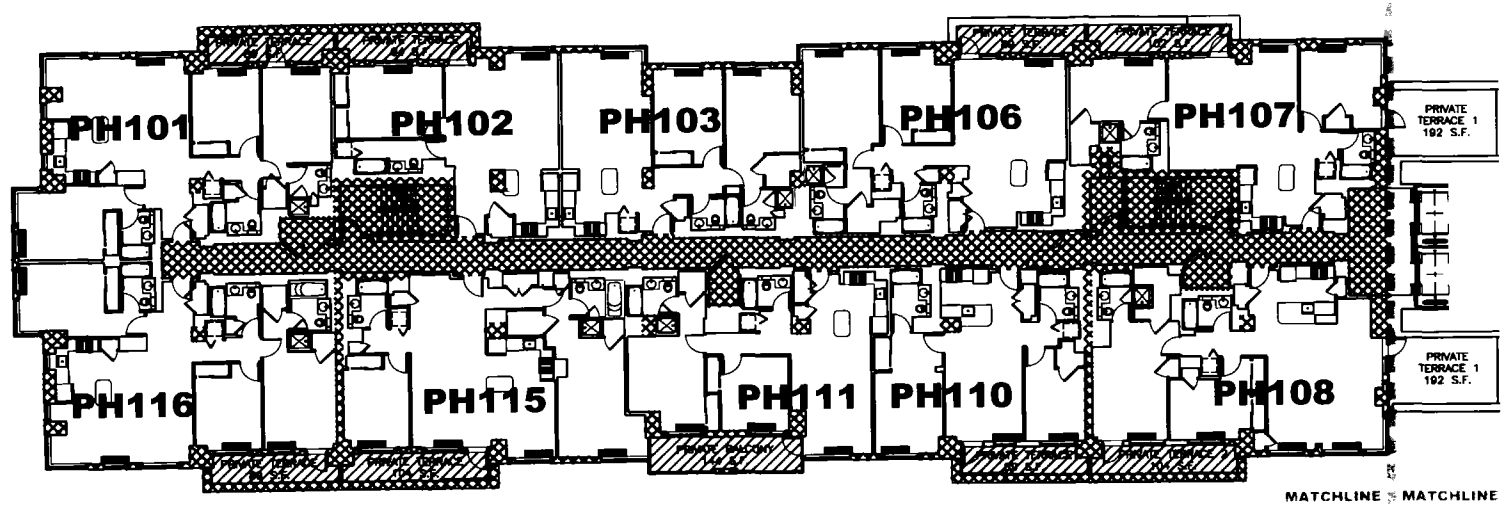
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH102	1571	929	94

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH103	1572	1,152

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH106	1573	1,365	89

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE 1 (SQ.FT.)	TERRACE 2 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH107	1574	1,273	192	102	294

MATCHLINE



MATCHLINE

GENERAL COMMON ELEMENT	SQ. FT.
	2,512

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH116	1579	1,582	89

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH115	1578	1,454	104

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH111	1577	1,137	144

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH110	1576	1,030	89

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE 1 (SQ.FT.)	TERRACE 2 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH108	1575	1,433	192	104	296

TOWER 2

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	911

PENTHOUSE 1 – MARKETING

17TH FLOOR – CONSTRUCTION

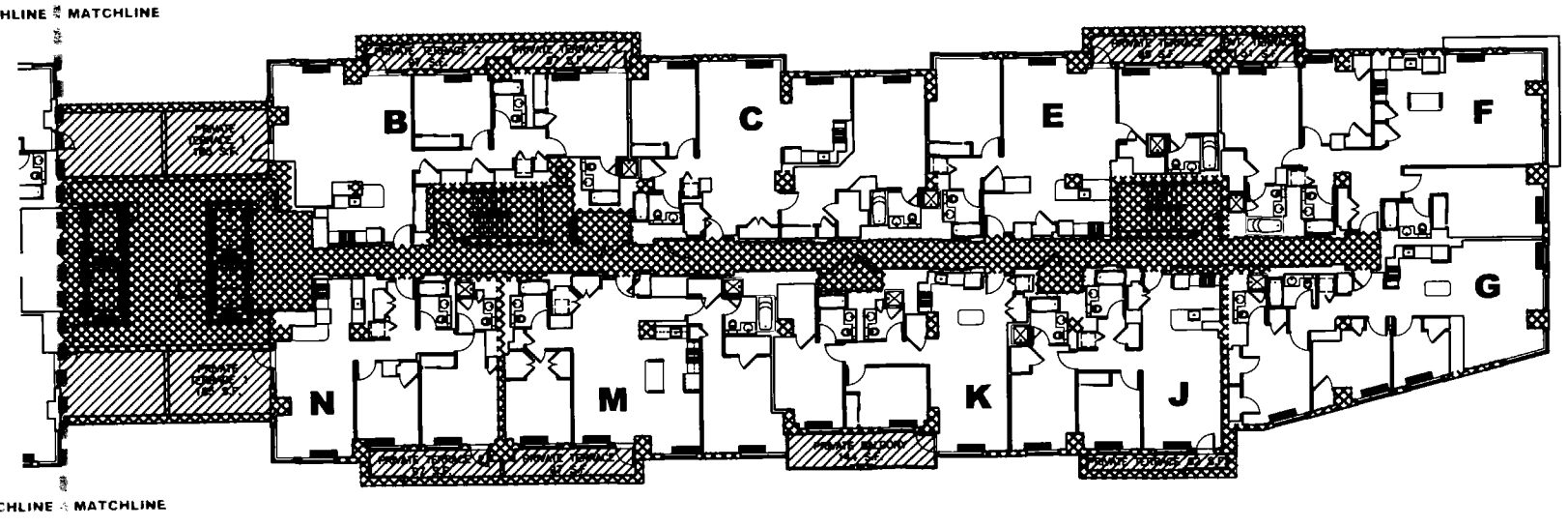
APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE 1 (SQ.FT.)	TERRACE 2 (SQ.FT.)	TERRACE 3 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH1-B	1437	1,499	185	97	97	379

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-C	1438	1,525

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH1-E	1439	1,322	95

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH1-F	1440	1,727	51

MATCHLINE



MATCHLINE

GENERAL COMMON ELEMENT	SQ. FT.
	3,520

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE 1 (SQ.FT.)	TERRACE 2 (SQ.FT.)	TOTAL EXTERIOR (SQ.FT.)
PH1-N	1445	1,146	185	97	282

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH1-M	1444	1,430	97

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	BALCONY (SQ.FT.)
PH1-K	1443	1,125	144

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)	TERRACE (SQ.FT.)
PH1-J	1442	1,076	62

APT. UNIT	TAX LOT	INTERIOR (SQ.FT.)
PH1-G	1441	1,317

TOWER 1

RESIDENTIAL LIMITED COMMON ELEMENT	SQ. FT.
	1,514

PENTHOUSE 1 – MARKETING

17TH FLOOR – CONSTRUCTION

DIMENSION OF UNITS:

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER: [signature]

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 15 DAY OF October 2010

SEAL

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified in Kings County
My Commission Expires 5/27/2011

Melody Ramos

REGISTERED ARCHITECT
CHRISTOPHER W. ORDEMANN
015995
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

KEY:
- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

PROJECT NUMBER: 19712.00

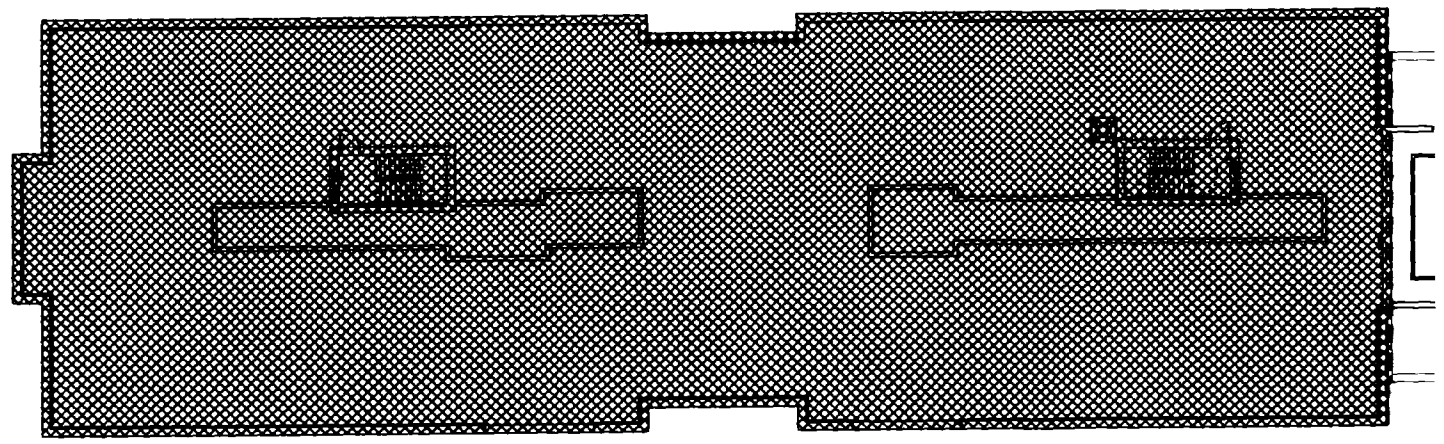
DRAWING TITLE:
TOWERS 1 & 2:
PH1 (20TH) FLOOR (MARKETING)
17TH FLOOR (CONSTRUCTION)

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-08**

DATE: **OCTOBER 11, 2010**

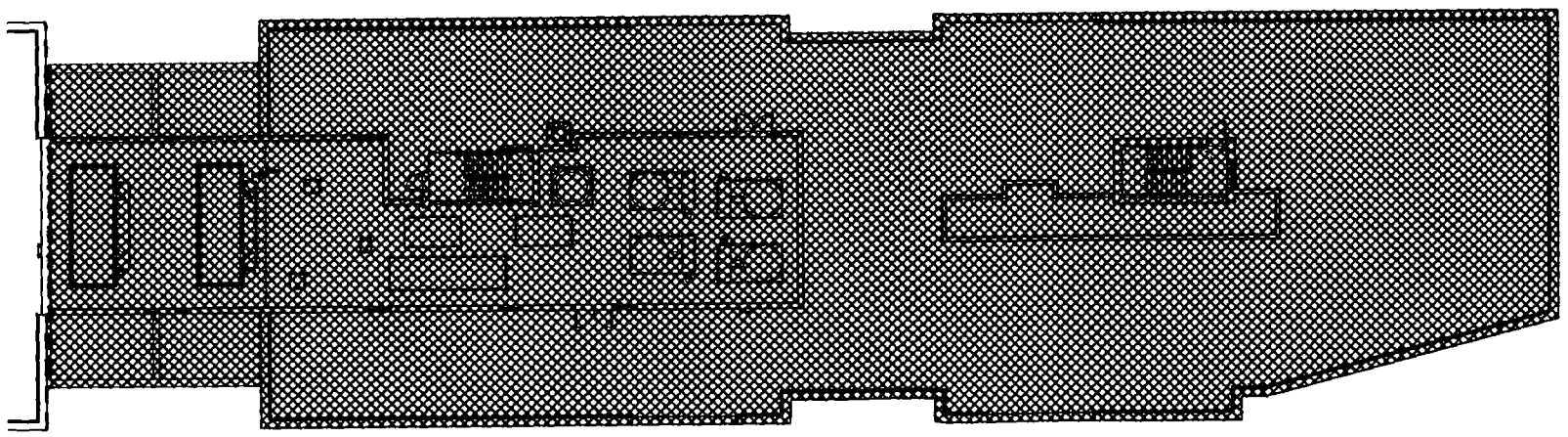
SCALE: **1/32"=1'-0**



GENERAL COMMON ELEMENT	SQ. FT.
	14,840

TOWER 2

MAIN ROOF



GENERAL COMMON ELEMENT	SQ. FT.
	15,905

TOWER 1

MAIN ROOF

DIMENSION OF UNITS.

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:
THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK. BOUROUGH OF QUEENS.

CARTOGRAPHER:

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 15 DAY OF October 2010

SEAL

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified In Kings County
My Commission Expires 5/8/2011

Melody Ramos

REGISTERED ARCHITECT
CARL W. STOCKMAN
15935
STATE OF NEW YORK

SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

KEY:
- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

PROJECT NUMBER: 19712.00

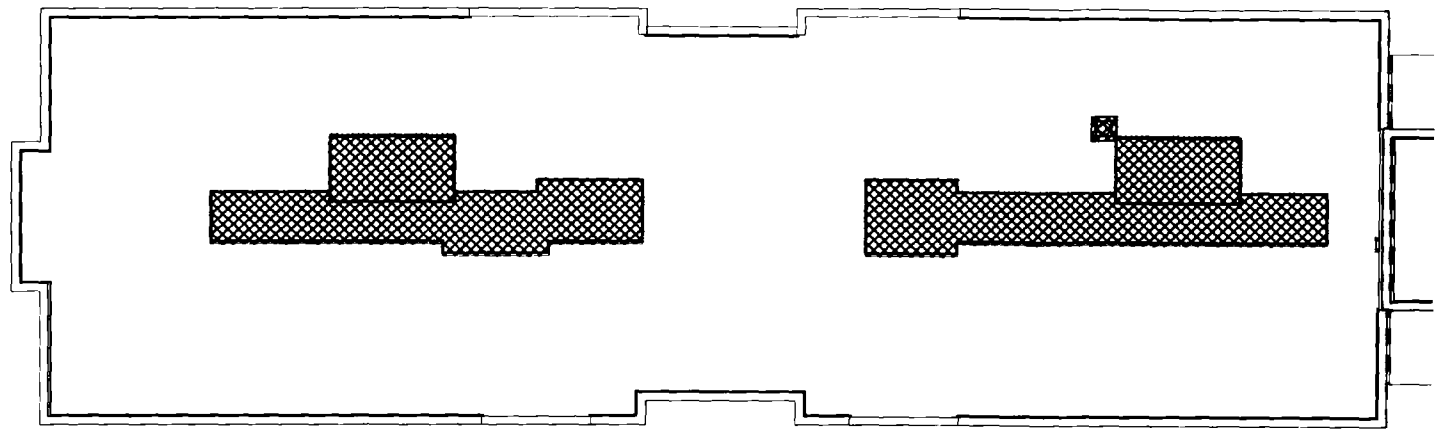
DRAWING TITLE:
TOWERS 1 & 2: MAIN ROOF PLANS

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-09**

DATE: **OCTOBER 11, 2010**

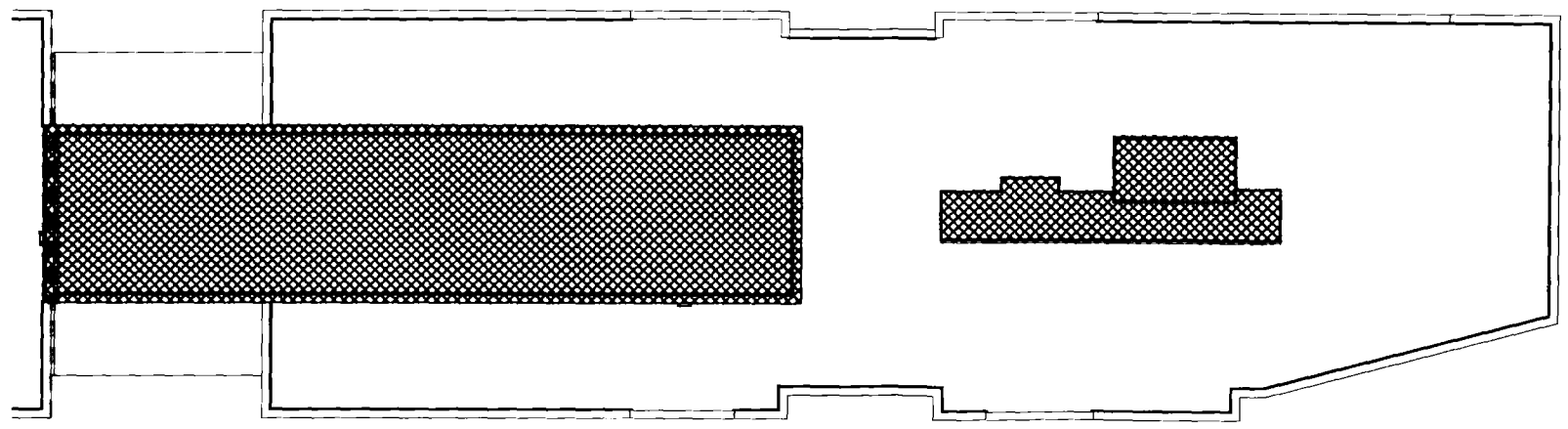
SCALE: **1/32" = 1'-0"**



GENERAL COMMON ELEMENT	SQ. FT.
	1,771

TOWER 2

BULKHEAD



GENERAL COMMON ELEMENT	SQ. FT.
	4,446

TOWER 1

BULKHEAD

DIMENSION OF UNITS.

THE FLOOR AREA OF THE UNITS IS MEASURED HORIZONTALLY FROM THE OUTSIDE OF THE EXTERIOR WALLS TO THE CENTERLINE OF THE PARTITIONS SEPARATING ONE UNIT FROM ANOTHER UNIT, OR TO THE CENTERLINE OF THE WALLS OR PARTITIONS SEPARATING A UNIT FROM HALLWAYS, AND INCLUDES EQUIPMENT SPACES, CORRIDORS AND STAIRS WITHIN SUCH UNIT.

ANY COMMON ELEMENT WITHIN A UNIT SHALL NOT BE CONSIDERED AS PART OF THAT UNIT.

TAX LOT CERTIFICATION:

THE UNIT DESIGNATION AND THE TAX LOT NUMBERS SHOWN BEFORE COMFORM TO THE OFFICIAL TAX LOT NUMBERS SHOWN ON THE TAX MAPS OF THE REAL PROPERTY ASSESSMENT BUREAU OF THE CITY OF NEW YORK, BOUROUGH OF QUEENS.

CARTOGRAPHER: Attilio G. Sottosanti

DATE: October 20, 2010

ARCHITECT CERTIFICATION:

STATE OF NEW YORK
COUNTY OF NEW YORK
THIS IS TO CERTIFY THAT THIS PLAN IS AN ACCURATE COPY OF A PORTION OF THE PLANS OF THE BUILDING AS FILED WITH AND APPROVED BY THE DEPARTMENT OF BUILDINGS, CITY OF NEW YORK AND FULLY AND FAIRLY DEPICTS THE LAYOUT, LOCATION, UNIT DESIGNATIONS AND APPROXIMATE DIMENSIONS OF THE UNITS AS BUILT.

SWORN TO ME BEFORE
THIS 15 DAY OF October 2010

SEAL

MELODY RAMOS
Notary Public - State of New York
NO. 01RA6092857
Qualified in Kings County
My Commission Expires 5/27/2011

Melody Ramos

REGISTERED ARCHITECT
CHRISTOPHER M. ORDEMANN
015035
STATE OF NEW YORK
SEAL

ARCHITECT:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DECLARANT:
FTC RESIDENTIAL COMPANY I, L.P.
620 EIGHTH AVENUE, 22ND FLOOR
NEW YORK, NY 10018

KEY:
- RESIDENTIAL UNIT
- GENERAL COMMON ELEMENTS
- LIMITED COMMON ELEMENTS

PROJECT NUMBER: **19712.00**

DRAWING TITLE:
TOWERS 1 & 2: BULKHEAD 1 & 2 PLANS

SET: **SKY VIEW PARC RESIDENTIAL CONDOMINIUM TOWER ONE & TOWER TWO TAX LOT**

DRAWING NUMBER: **TL-10**

DATE: **OCTOBER 11, 2010**

SCALE: **1/32" = 1'-0"**

APPENDIX B

PHOTOGRAPHS OF SITE ACTIVITIES - 2010

Photograph 1: Excavation (RMZ-A) for utility installation on the southwestern portion of Parcel 1.

Photograph 2: Excavation (RMZ-A) for utility installation on the southern portion of the site.

Photograph 3: Excavation for utility installation on the northern portion of Parcel 3.

Photograph 4: Air monitoring equipment at excavation for utility installation on the northwestern portion of Parcel 3.

Photograph 5: Utility installation in the northern portion of Parcel 3.

Photograph 6: Storm sewer installation in the northwestern portion of the site.

Photograph 7: Utility installation in the southern portion of the site.

Photograph 8: Underground utility tie-in connection to water main in 40th Road.

Photograph 9: Utility excavation on the western portion of Parcel 3.

Photograph 10: Utility excavation on the western portion of Parcel 3.

Photograph 11: Sewer installation excavation on the southern portion of Parcel 1.

Photograph 12: Sewer installation on the southern portion of Parcel 1.

Photograph 13: RMZ A soil stockpiling on the southwestern portion of the site.

Photograph 14: Preparing soil staging area on the western portion of the site.

Photograph 15: Soil stockpiles on the southwestern portion of the site.

Photograph 16: RMZ B stockpiling on the western portion of the site.

APPENDIX C
AGENCY CORRESPONDENCE

OFFICE OF ENVIRONMENTAL REMEDIATION
253 Broadway - 14th Floor
New York, New York 10007

Daniel Walsh, Ph.D.
Director
Tel: (212) 788-8841
Fax: (212) 788-2941

NOTICE OF SATISFACTION

Skyviewparc Tower 2

DOB Job No. 402191702 - 01 - NB

October 22, 2010

Ira Gluckman, R.A.
Queens Borough Commissioner
NYC Department of Buildings
120-55 Queens Boulevard
Kew Gardens, NY 11424

Re: **40-28 College Point Boulevard - Hazardous Materials & Noise "E" Designation**
Skyviewparc Tower 2, East Building (A.K.A. Flushing Town Center)
E-74: Block 5066, Lot 9001 (Former Lot 1), Flushing, Queens, CD 7
Downtown Flushing Rezoning – CEQR # 95 DCP 052Q
OER Project # 11EH-N059Q / DEP Project # 06DEPTECH257Q

Dear Commissioner Gluckman:

The New York City Office of Environmental Remediation (OER) has reviewed the October 2010 Perkins Eastman Architects, PC Installation Report for the above referenced site. Skyviewparc (also known as Flushing Town Center) is a planned approximately 3,313,452 gross square foot mixed-use development on approximately 13.5 acres of land in Flushing (Queens), New York. Skyviewparc consists of two buildings, East and West, as well as a waterfront esplanade along the Flushing River. The East Building consists of a four-story podium (1 parking level and 3 retail levels); the top of the podium contains approximately 3 acres of rooftop amenities for the residential buildings. There are three, twelve-story residential towers and a six-story open parking structure associated with the East Building. **Skyviewparc Tower 2 is one of the three (3) residential towers associated with the East Building**. The subject property has been designated with a Hazardous Materials and Noise "E" (E-74) by the NYC Department of City Planning as part of the Downtown Flushing Rezoning action (CEQR #95 DCP 052Q).

Hazardous Material "E"

As previously stated in a DEP correspondence dated August 4, 2008 (See Attached), all Hazardous Materials "E" designation requirements have been met as a result of the issuance of a NYSDEC Brownfield Cleanup Program (BCP) "Notice of Certificate of Completion" in December 2007 as well as the recording of NYSDEC Easements that ensure long term Site Management of underlying residual impacts as well as NYSDEC implemented remedial mitigation requirements.

COPY

Noise "E"

OER has reviewed the October 2010 Installation Report prepared by Perkin Eastman Architects, PC. The Installation Report included a R.A. certified letter verifying compliance with all Noise "E" requirements as well as proofs of purchase and photographs of the windows and alternate means of ventilation installed in the residential spaces. Based upon review of the submitted documentation, OER has determined that the applicant has satisfied its commitments.

Conclusions

OER has no objection to the issuance of a Temporary Certificate of Occupancy (TCO) and/or Certificate of Occupancy (CO) by DOB as long as they relate to the residential space of Tower 2 (only). Although we have concluded that all Hazardous Materials and Noise "E" requirements have been satisfied for this project, our department recommends that the Hazardous Materials and Noise "E" designations remain on the subject site in case future excavation and/or project plans are altered requiring OER review/approval.

If you have any questions or comments, please contact me at 212.341.0964.

Sincerely,

Daniel L. Cole, P.G.
Bureau Chief, E - Designation Program

cc: D. Walsh, S. Chawla, M. Bertini, PMA-OER
Kathleen Brunner, AKRF – kbrunner@akrf.com
Michael Cinamon, MUSS – michaelc@muss.com
Mark Chertok, Sive, Paget & Riesel – mchertok@sprlaw.com

COPY

OFFICE OF ENVIRONMENTAL REMEDIATION
253 Broadway - 14th Floor
New York, New York 10007

Daniel Walsh, Ph.D.
Director
Tel: (212) 788-8841
Fax: (212) 788-2941

NOTICE OF SATISFACTION

Skyviewparc Tower 1

DOB Job No. 402191702 - 01 - NB

October 22, 2010

Ira Gluckman, R.A.
Queens Borough Commissioner
NYC Department of Buildings
120-55 Queens Boulevard
Kew Gardens, NY 11424

Re: **40-28 College Point Boulevard - Hazardous Materials & Noise "E" Designation**
Skyviewparc Tower 1, East Building (A.K.A. Flushing Town Center)
E-74: Block 5066, Lot 9001 (Former Lot 1), Flushing, Queens, CD 7
Downtown Flushing Rezoning – CEQR # 95 DCP 052Q
OER Project # 11EH-N058Q / DEP Project # 06DEPTECH257Q

Dear Commissioner Gluckman:

The New York City Office of Environmental Remediation (OER) has reviewed the October 2010 Perkins Eastman Architects, PC Installation Report for the above referenced site. Skyviewparc (also known as Flushing Town Center) is a planned approximately 3,313,452 gross square foot mixed-use development on approximately 13.5 acres of land in Flushing (Queens), New York. Skyviewparc consists of two buildings, East and West, as well as a waterfront esplanade along the Flushing River. The East Building consists of a four-story podium (1 parking level and 3 retail levels); the top of the podium contains approximately 3 acres of rooftop amenities for the residential buildings. There are three, twelve-story residential towers and a six-story open parking structure associated with the East Building. **Skyviewparc Tower 1 is one of the three (3) residential towers associated with the East Building**. The subject property has been designated with a Hazardous Materials and Noise "E" (E-74) by the NYC Department of City Planning as part of the Downtown Flushing Rezoning action (CEQR #95 DCP 052Q).

Hazardous Material "E"

As previously stated in a DEP correspondence dated August 4, 2008 (See Attached), all Hazardous Materials "E" designation requirements have been met as a result of the issuance of a NYSDEC Brownfield Cleanup Program (BCP) "Notice of Certificate of Completion" in December 2007 as well as the recording of NYSDEC Easements that ensure long term Site Management of underlying residual impacts as well as NYSDEC implemented remedial mitigation requirements.

COPY

Noise "E"

OER has reviewed the October 2010 Installation Report prepared by Perkin Eastman Architects, PC. The Installation Report included a R.A. certified letter verifying compliance with all Noise "E" requirements as well as proofs of purchase and photographs of the windows and alternate means of ventilation installed in the residential spaces. Based upon review of the submitted documentation, OER has determined that the applicant has satisfied its commitments.

Conclusions

OER has no objection to the issuance of a Temporary Certificate of Occupancy (TCO) and/or Certificate of Occupancy (CO) by DOB as long as they relate to the residential space of Tower 1 (only). Although we have concluded that all Hazardous Materials and Noise "E" requirements have been satisfied for this project, our department recommends that the Hazardous Materials and Noise "E" designations remain on the subject site in case future excavation and/or project plans are altered requiring OER review/approval.

If you have any questions or comments, please contact me at 212.341.0964.

Sincerely,

Daniel L. Cole, P.G.
Bureau Chief, E - Designation Program

cc: D. Walsh, S. Chawla, M. Bertini, PMA-OER
Kathleen Brunner, AKRF – kbrunner@akrf.com
Michael Cinamon, MUSS – michaelc@muss.com
Mark Chertok, Sive, Paget & Riesel – mchertok@sprlaw.com

COPY

OFFICE OF ENVIRONMENTAL REMEDIATION
253 Broadway - 14th Floor
New York, New York 10007

Daniel Walsh, Ph.D.
Director
Tel: (212) 788-8841
Fax: (212) 788-2941

NOTICE OF SATISFACTION

Skyviewparc Tower 3

DOB Job No. 402191702 - 01 - NB

May 27, 2010

Ira Gluckman, R.A.
Queens Borough Commissioner
NYC Department of Buildings
120-55 Queens Boulevard
Kew Gardens, NY 11424

Re: **40-28 College Point Boulevard - Hazardous Materials & Noise "E" Designations**
Skyviewparc Tower 3, East Building (A.K.A. Flushing Town Center)
E-74: Block 5066, Lot 9002 (Former Lot 1), Flushing, Queens, CD 7
Downtown Flushing Rezoning – CEQR # 95 DCP 052Q
OER Project # 10EH-N281Q / DEP Project # 06DEPTECH257Q

Dear Commissioner Gluckman:

The New York City Office of Environmental Remediation (OER) has reviewed the May 2010 Perkins Eastman Architects, PC Installation Report for the above referenced site. Skyviewparc (also known as Flushing Town Center) is a planned approximately 3,313,452 gross square foot mixed-use development on approximately 13.5 acres of land in Flushing (Queens), New York. Skyviewparc consists of two buildings, East and West, as well as a waterfront esplanade along the Flushing River. The East Building consists of a four-story podium (1 parking level and 3 retail levels); the top of the podium contains approximately 3 acres of rooftop amenities for the residential buildings. There are three, twelve-story residential towers and a six-story open parking structure associated with the East Building. **Skyviewparc Tower 3 is one of the three (3) residential towers associated with the East Building**. The subject property has been designated with a Hazardous Materials and Noise "E" (E-74) by the NYC Department of City Planning as part of the Downtown Flushing Rezoning action (CEQR #95 DCP 052Q).

Hazardous Material "E"

As previously stated in a DEP correspondence dated August 4, 2008 (See Attached), all Hazardous Materials "E" designation requirements have been met as a result of the issuance of a NYSDEC Brownfield Cleanup Program (BCP) "Notice of Certificate of Completion" in December 2007 as well as the recording of NYSDEC Easements that ensure long term Site Management of underlying residual impacts as well as NYSDEC implemented remedial mitigation requirements.

COPY

Noise "E"

OER has reviewed the May 2010 Installation Report prepared by Perkin Eastman Architects, PC. The Installation Report included a R.A. certified letter verifying compliance with all Noise "E" requirements as well as proofs of purchase and photographs of the windows and alternate means of ventilation installed in the residential spaces. Based upon review of the submitted documentation, OER has determined that the applicant has satisfied its commitments.

Conclusions

OER has no objection to the issuance of a Temporary Certificate of Occupancy (TCO) and/or Certificate of Occupancy (CO) by DOB as long as they relate to the residential space of Tower 3 (only). Although we have concluded that all Hazardous Materials and Noise "E" requirements have been satisfied for this project, our department recommends that the Hazardous Materials and Noise "E" designations remain on the subject site in case future excavation and/or project plans are altered requiring OER review/approval.

If you have any questions or comments, please contact me at 212.341.0964.

Sincerely,

Daniel L. Cole, P.G.
Bureau Chief, E - Designation Program

cc: D. Walsh, S. Chawla, M. Bertini, PMA-OER
Kathleen Brunner, AKRF – kbrunner@akrf.com
Michael Cinamon, MUSS – michaelc@muss.com
Mark Chertok, Sive, Paget & Riesel – mchertok@sprlaw.com

COPY

The City of New York

DEPARTMENT OF ENVIRONMENTAL PROTECTION

59-17 Junction Boulevard
Flushing, New York 11373

Emily Lloyd
Commissioner

Tel. (718) 595-6565
Fax (718) 595-3525
elloyd@dep.nyc.gov

Angela Licata
Deputy Commissioner

Bureau of Environmental Planning & Analysis

Tel. (718) 595-4398
Fax: (718) 595-4479
alicata@dep.nyc.gov

August 4, 2008

Derek Lee, R.A.
Queens Borough Commissioner
NYC Department of Buildings
120-55 Queens Boulevard
Kew Gardens, NY 11424

Re: **40-28 College Point Blvd. - Hazardous Materials & Noise "E" Designation**
Skyviewparc (A.K.A. Flushing Town Center), Phase I, East Building / Parcel 1
DOB Permit: 402191702-01
E-74: Block 5066, Lot 1, Flushing, Queens, CD 7
Downtown Flushing Rezoning – CEQR # 95 DCP 052Q
DEP Project # 06 DEPTECH 257Q

131-07 40th Road - Hazardous Materials & Noise "E" Designation
Skyviewparc (A.K.A. Flushing Town Center), Phase A, East Building / Parcel 2
DOB Permit: 402191711-01-NB
E-74: Block 5066, Lot 100, Flushing, Queens, CD 7
Downtown Flushing Rezoning – CEQR # 95 DCP 052Q
DEP Project # 06 DEPTECH 257Q

Dear Commissioner Lee:

The New York City Department of Environmental Protection, Bureau of Environmental Planning and Analysis (DEP) has reviewed the MUSS Development, LLC April 2008 Project Phasing Schedule for the above referenced site. Skyviewparc (also known as Flushing Town Center) is an approximately 3,313,452 gross square foot mixed-use development to be located on an approximately 13.5 acres of land in Flushing (Queens), New York. Skyviewparc consists of two buildings – East and West as well as a waterfront esplanade along the Flushing River. While the East Building consists of a four story podium (1 level parking and 3 levels retail), the top of the podium contains approximately 3 acres of rooftop amenities for the residential buildings, there are also three – twelve story residential towers, and a six story open parking structure, the West Building consists of a three story retail podium, and three twelve story residential towers. The phased Project is located on College Point Boulevard, between 40th Road and Roosevelt Avenue. The subject property has been designated with a Hazardous Materials and Noise "E" (E-74) by the New York City Department of City Planning as part of the Downtown Flushing Rezoning action (CEQR #95 DCP 052Q).

As a result of the subject site receiving a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) NOTICE OF CERTIFICATE OF COMPLETION in December 2007 and the fact that NYSDEC Easements has been recorded for this site, DEP has determined that the NYSDEC BCP cleanup efforts and recorded easements supersede the Hazardous Materials "E" designation requirements for this site. The NYSDEC project/easement numbers for the site are BCP No. C241051 (Eastern Parcel 1) and Recording for Queens County as Document Number 2007000620191, dated 12-19-2007, BCP No. C241078 (Western Parcel 2) and Recording for Queens County as Document Number 2007000620190, dated 12-19-2007, and BCP No. C241079 (Western

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
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Waterfront Parcel 3) and Recording for Queens County as Document Number 2007000620192, dated 12-19-2007. Upon review and approval of the Noise "E" P.E. or R.A. certified Installation Report at the completion of construction, a Final Notice of Satisfaction (FNOS) will be issued for the Hazardous Materials "E" designation since the NYSDEC BCP Certificates of Completion and Easement recordings supersede the Hazardous Materials "E" designation requirements for this site. With the exception of the pending FNOS, all Hazardous Materials "E" designation requirements for this project have been met.

As stated in DEP's previously issued August 3, 2006 Notice To Proceed, the applicant has demonstrated that window/wall attenuation of 35 dB(A) would allow the development to achieve an interior noise level of 45 dB(A). The applicant proposes to achieve the required attenuation by using windows consisting of a ¼" laminated glass inner lite, ¼" plate glass outer lite and a nominal airspace between these lites of 4.375", which would offer an OITC rating of 37. An alternate means of ventilation will be provided by roof-top mounted air conditioning units and Package Terminal Air Conditioner through wall units which will heat or cool the conditioned air from the roof top units. DEP has concluded that the applicant may proceed with construction, provided that an Installation Report, certified by a P.E. or Registered Architect is submitted by the applicant to DEP for review and approval following the completion of construction.

With the exception of DOB issuing a Certificate of Occupancy (CO) for this site at the completion of construction that would require DEP to issue a Hazardous Materials and Noise "E" Designation Notice of Satisfaction and/or Final Notice of Satisfaction, DEP has no objection to the issuance of any remaining permits (i.e., Temporary Certificate of Occupancy – TCO and Amended TCO's) by DOB that relate to this Phased development project.

Future correspondence and submittals should include the following tracking number **06DEPTECH257Q.** If you have any questions or comments, please feel free to contact Dan Cole at 718.595.4536 for Hazardous Materials or Mr. Wei Yu at 718.595.4350 for Noise "E" requirements.

Sincerely,

John Wuthenow
Director - Site Assessment

cc: G. Heath
D. Cole
M. Winter
S. Vafadari
W.Yu
File
Michael Brenner – MUSS Development, LLC
Kathleen Brunner – AKRF, Inc.
Marcus Simons – AKRF, Inc.

APPENDIX D

LABORATORY ANALYTICAL REPORTS (CD)

Flushing Industrial Park, Parcels 1-3
Appendix D - Laboratory Analytical Reports Organization Summary

Date Submitted	Lab Job ID	Sample Summary	Subdirectory
1/11/2010	220-11286	CE-Stockpile-68A to 68F, 68-1	Disposal - Waste Characterization
1/18/2010 1/26/2010	220-11323	CE-Eflluent-16, 16A	NYCDEP Discharge
2/8/2010	135909	CE-Vapor-1 to 8, CE-AA	Vapor Monitoring
3/31/2010	220-11841	CE-Stockpile-68G	Disposal - Waste Characterization
5/3/2010	220-12119	CE-Stockpile-69A to 69K, 69-1	Disposal - Waste Characterization
5/24/2010	137497	CE-Vapor-5 to 8, CE-AA	Vapor Monitoring
6/1/2010	137572	CE-Vapor-1 to 4	Vapor Monitoring
8/10/2010	200-1086-1	CE-Vapor-1 to 8, CE-AA	Vapor Monitoring
10/29/2010	220-13862-1	CE-Vapor-1 to 8, CE-AA	Vapor Monitoring

TestAmerica
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ANALYTICAL REPORT

Job Number: 220-11323-1

SDG Number: 220-11323

Job Description: CE Flushing Industrial Park

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Joan Widomski
Data Review Analyst I
2/3/2010 12:43 PM

Designee for
Erin A Arasate
Project Manager I
erin.arasate@testamericainc.com
02/03/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
Report Narrative 3
Executive Summary 5
Method Summary 6
Method / Analyst Summary 7
Sample Summary 8
Sample Results 9
Sample Datasheets 10
Data Qualifiers 17
Client Chain of Custody 18
Sample Receipt Checklist 21
Internal Coc (if required) 23

Case Narrative for Job: 220-11323

Client: AKRF Inc
Date: February 3, 2010

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

Lawrence Decker
Laboratory Director

February 3, 2010
Date

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) SM 5210B: The glucose-glutamic acid standard recovered outside the recovery limits specified in the method.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11323-1	**CE-EFFLUENT-16**					
Toluene		1.1	J	5.0	ug/L	624
Ethylbenzene		0.54	J	5.0	ug/L	624
Xylenes, Total		2.7	J	5.0	ug/L	624
PCB-1260		0.012	J	0.051	ug/L	608
Copper		12.5		10.0	ug/L	200.7
Nickel		4.5	J	5.0	ug/L	200.7
Lead		9.9	J	15.0	ug/L	200.7
Zinc		14.1	J	25.0	ug/L	200.7
Field pH		8.2			SU	SM4500 H+
Temperature		42.2			Fahrenheit	SM4500 H+
Flashpoint		>200			Degrees F	1020A
Nitrate as N		0.40		0.10	mg/L	300.0
Chloride		731		50.0	mg/L	300.0
Nitrite as N		0.074	J	1.0	mg/L	300.0
Nitrogen, Kjeldahl		3.7		0.50	mg/L	351.2
Nitrogen, Total		4.2		0.50	mg/L	351.2
Phenolics, Total Recoverable		0.0093		0.0050	mg/L	420.4
Total Solids		1440		10.0	mg/L	SM 2540B
Total Suspended Solids		26.0		2.5	mg/L	SM 2540D
Cr (VI)		0.010		0.010	mg/L	SM 3500 CR D
220-11323-2	**CE-EFFLUENT-16 A**					
Carbonaceous Biochemical Oxygen Demand		8.3	N	2.0	mg/L	SM 5210B

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	40CFR136A 624	
Semivolatile Organic Compounds (GC/MS)	TAL CT	40CFR136A 625	
Liquid-Liquid Extraction	TAL CT		40CFR136A 625
Organochlorine Pesticides & PCBs (GC)	TAL CT	40CFR136A 608	
Liquid-Liquid Extraction (Separtory Funnel)	TAL CT		40CFR136A 608
Total Recoverable Metals by ICP	TAL CT	EPA 200.7	
Preparation, Total Metals	TAL CT		EPA 200.7
Mercury (CVAA)	TAL CT	EPA 245.1	
Preparation, Mercury	TAL CT		EPA 245.1
Ignitability, Setaflash Closed-Cup Method	TAL CT	SW846 1020A	
HEM and SGT-HEM	TAL CT	1664A 1664A	
Nitrate & Nitrite	TAL CT	40CFR136A 300.0	
Chloride	TAL CT	40CFR136A 300.0	
TKN	TAL CT	MCAWW 351.2	
Nitrogen, Total Kjeldahl	TAL CT		MCAWW 351.2
Phenolics, Total Recoverable	TAL CT	MCAWW 420.4	
Distillation, Phenolics	TAL CT		Distill/Phenol
Solids, Total	TAL CT	SM SM 2540B	
Solids, Total Suspended (TSS)	TAL CT	SM SM 2540D	
Chromium, Hexavalent	TAL CT	SM SM 3500 CR D	
BOD, 5-Day	TAL CT	SM SM 5210B	
pH, Field	TAL CT	SM SM4500 H+	

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Method	Analyst	Analyst ID
40CFR136A 624	Humbert, Dave	DH
40CFR136A 625	Jonas, Stephan	SJ
40CFR136A 608	Dini, Tracy	TD
EPA 200.7	Petronchak, Nestor	NP
EPA 245.1	Voytek, Joseph F	JFV
SM SM4500 H+	Arasate, Erin A	EAA
SW846 1020A	Nemeth, Doreen	DN
1664A 1664A	Tillotson, Ray	RT
40CFR136A 300.0	Madumadu, Dave	DM
MCAWW 351.2	Natoli, Richard A	RN
MCAWW 351.2	Nemeth, Doreen	DN
MCAWW 420.4	Natoli, Richard A	RN
SM SM 2540B	Mendoza, Julia	JM
SM SM 2540D	Mendoza, Julia	JM
SM SM 3500 CR D	Mendoza, Julia	JM
SM SM 5210B	Nemeth, Doreen	DN

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-11323-1	CE-EFFLUENT-16	Water	01/18/2010 1215	01/18/2010 1640
220-11323-2	CE-EFFLUENT-16 A	Water	01/26/2010 1815	01/26/2010 1815

SAMPLE RESULTS

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

624 Volatile Organic Compounds (GC/MS)

Method: 624
Preparation: N/A
Dilution: 1.0
Date Analyzed: 01/25/2010 1635
Date Prepared:

Analysis Batch: 220-35459

Instrument ID: MSY
Lab File ID: Y9620.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.099	U	0.099	5.0
Toluene	1.1	J	0.074	5.0
Ethylbenzene	0.54	J	0.15	5.0
Xylenes, Total	2.7	J	0.68	5.0
Methyl tert-butyl ether	0.24	U	0.24	5.0
Chloroform	0.11	U	0.11	5.0
1,1,1-Trichloroethane	0.16	U	0.16	5.0
Carbon tetrachloride	0.22	U	0.22	5.0
Tetrachloroethene	0.12	U	0.12	5.0
1,4-Dichlorobenzene	0.29	U	0.29	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		60 - 127
4-Bromofluorobenzene	91		47 - 120
Toluene-d8 (Surr)	98		83 - 120

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 220-35349		Instrument ID:	MSZ
Preparation:	625	Prep Batch: 220-35309		Lab File ID:	Zx15013.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	01/20/2010 2201			Final Weight/Volume:	1 mL
Date Prepared:	01/20/2010 0919			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	0.38	U	0.38	4.2
Naphthalene	0.31	U	0.31	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	70		36 - 120
2-Fluorobiphenyl	55		38 - 120
2-Fluorophenol	33		12 - 120
Nitrobenzene-d5	47		34 - 120
Phenol-d5	25		10 - 120
Terphenyl-d14	74		10 - 120

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

608 Organochlorine Pesticides & PCBs (GC)

Method:	608	Analysis Batch: 220-35400	Instrument ID: GC9
Preparation:	608	Prep Batch: 220-35351	Initial Weight/Volume: 1960 mL
Dilution:	1.0		Final Weight/Volume: 2 mL
Date Analyzed:	01/22/2010 1115		Injection Volume: 1 uL
Date Prepared:	01/21/2010 0924		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.015	U	0.015	0.051
PCB-1221	0.015	U	0.015	0.051
PCB-1232	0.015	U	0.015	0.051
PCB-1242	0.015	U	0.015	0.051
PCB-1248	0.015	U	0.015	0.051
PCB-1254	0.015	U	0.015	0.051
PCB-1260	0.012	J	0.011	0.051

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	29		28 - 139
Tetrachloro-m-xylene	86		45 - 129

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

200.7 Total Recoverable Metals by ICP

Method:	200.7	Analysis Batch: 220-35469		Instrument ID:	ICAP3
Preparation:	200.7	Prep Batch: 220-35413		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	01/26/2010 1310			Final Weight/Volume:	50 mL
Date Prepared:	01/25/2010 0953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	1.0	U	1.0	5.0
Copper	12.5		1.5	10.0
Nickel	4.5	J	1.0	5.0
Lead	9.9	J	2.5	15.0
Zinc	14.1	J	5.0	25.0

245.1 Mercury (CVAA)

Method:	245.1	Analysis Batch: 220-35458		Instrument ID:	MERC1
Preparation:	245.1	Prep Batch: 220-35451		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	01/26/2010 1453			Final Weight/Volume:	50 mL
Date Prepared:	01/26/2010 1132				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.060	U	0.060	0.20

General Chemistry

Client Sample ID: CE-EFFLUENT-16

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
SGT-HEM (Oil and Grease - Nonpolar)	0.62	U	mg/L	0.62	5.0	1.0	1664A
Analysis Batch: 220-35381	Date Analyzed: 01/21/2010 1406						
Chloride	731		mg/L	4.2	50.0	50	300.0
Analysis Batch: 220-35428	Date Analyzed: 01/19/2010 1233						
Nitrate as N	0.40		mg/L	0.010	0.10	1.0	300.0
Analysis Batch: 220-35429	Date Analyzed: 01/19/2010 1206						
Nitrite as N	0.074	J	mg/L	0.056	1.0	10	300.0
Analysis Batch: 220-35429	Date Analyzed: 01/19/2010 1219						
Nitrogen, Kjeldahl	3.7		mg/L	0.050	0.50	1.0	351.2
Analysis Batch: 220-35461	Date Analyzed: 01/26/2010 1337						
Prep Batch: 220-35460	Date Prepared: 01/25/2010 1445						
Nitrogen, Total	4.2		mg/L	0.050	0.50	1.0	351.2
Analysis Batch: 220-35464	Date Analyzed: 01/26/2010 1533						
Prep Batch: 220-35460	Date Prepared: 01/25/2010 1445						
Phenolics, Total Recoverable	0.0093		mg/L	0.0025	0.0050	1.0	420.4
Analysis Batch: 220-35332	Date Analyzed: 01/20/2010 1316						
Prep Batch: 220-35326	Date Prepared: 01/19/2010 1445						
Total Solids	1440		mg/L	4.0	10.0	1.0	SM 2540B
Analysis Batch: 220-35290	Date Analyzed: 01/19/2010 1455						
Total Suspended Solids	26.0		mg/L	0.84	2.5	1.0	SM 2540D
Analysis Batch: 220-35352	Date Analyzed: 01/21/2010 1037						
Cr (VI)	0.010		mg/L	0.0027	0.010	1.0	SM 3500 CR
Analysis Batch: 220-35261	Date Analyzed: 01/19/2010 1018						

Analyte	Result	Qual	Units	Dil	Method
Flashpoint	>200		Degrees F	1.0	1020A
Analysis Batch: 220-35401	Date Analyzed (Start): 01/22/2010 1410 (End) 01/22/2010 1430				

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

General Chemistry

Client Sample ID: **CE-EFFLUENT-16 A**

Lab Sample ID: 220-11323-2
Client Matrix: Water

Date Sampled: 01/26/2010 1815
Date Received: 01/26/2010 1815

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Carbonaceous Biochemical Oxygen Demand	8.3	N	mg/L	0.50	2.0	1.0	SM 5210B
Analysis Batch: 220-35639	Date Analyzed: 01/27/2010 0945						

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Field Service / Mobile Lab

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

Analyte	Result	Qual	Units	RL	RL	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	8.2		SU			1.0	SM4500 H+	220-35628	01/18/2010 1215
Temperature	42.2		Fahrenheit			1.0	SM4500 H+	220-35628	01/18/2010 1215

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
	N	Spiked sample recovery is not within control limits.

PC 246

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: AKRF, Inc. - Kate Brunner	**Field Sampler:** Steve Grens	**TAT Required (business days):** Standard	**Lab PM/Contact:** Erin Arasate
Company:	**Mobile/Field Number:** (917) 63-6022		**Lab Job Number (Lab Use Only):** 11323
Address: 440 Park Avenue South 7th Floor	**E-Mail:** sgrens@akrf.com	**Deliverable Type (Report/EDD):** EDD	**Passed Rad Screen (Lab Use Only):** [X] Yes [ ] No
City, State, Zip: New York, NY 10016	**PO #:**	**Sample Disposal:** [ ] Return to Client [X] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Cooler Temperatures (Lab Use Only):** 1.0 C Page #1
Phone: (646) 388-95	**WO #:**		**Analysis (Attach list if more space is needed)**
Email: kbrunner@akrf.com	**Project #:** 30141-0116	**State Regulatory QC Criteria Requirements:** Category "A" deliverable	
Project Name/Site Location (State): 40-22 College CE Flushing - Point Blvd.	**SSOW#:**		

COC Number: 12134
Page 1 of 1
Carrier Tracking Notes:

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

No. of Containers/Preservatives

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	NYC DEP Effluent Standards	Comments
1	CE-Effluent-16	1/18/10	1215	Aq	No	X	X	X	X			X		@ Sample Collection PH = 8.2 su Temp = 42.2°F
														Some Analytes have 24-hour holding time.

Relinquished by: Steve Grens	Date/Time: 11/18/10 1440	Company AKRF	Received by:	Date/Time: 11/18/10 1440	Company TAL CT
Relinquished by:	Date/Time: 11/18/10 1640	Company TAL CT	Received by:	Date/Time: 11/18/10 1640	Company TAL CT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

02/03/2010

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Kate Brunner	**Field Sampler:** Steve Givens	**TAT Required (business days):** Standard	**Lab PM/Contact:** Erin Avasate	**COC Number:** 12132
Company: AKRF, Inc.	**Mobile/Field Number:** (917) 613 6022		**Lab Job Number (Lab Use Only):** 11323	**Page** 1 of 1
Address: 440 Park Ave South	**E-Mail:** Sgivens@akrf.com	**Deliverable Type (Report/EDD):** EDD		**Carrier Tracking Notes:**
City, State, Zip: New York, NY 10016	**PO #:** 30141-0116	**Sample Disposal:** [ ] Return to Client [X] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Passed Rad Screen (Lab Use Only):** [ ] Yes [ ] No	
Phone: (646) 388-9525	**WO #:**		**Cooler Temperatures (Lab Use Only):** -0.6 °C IR0160	
Email: kbrunner	**Project #:**	**State Regulatory QC Criteria Requirements:** Cat "A" deliverables		
Project Name/Site Location (State): CE Flushing 40-22 College Pt. Blvd	**SSOW#:**			

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Analysis (Attach list if more space is needed): BOD	Comments
	CE-Effluent-16A	1/26/10	0925	Aq	NO	X							X	24-hour Holding Time!!
														Temp = 39.6°F
														pH = 7.8 su

Relinquished by:	Date/Time: 1/26/10 1010	Company: AKRF	Received by:	Date/Time: 01/26/10 1010	Company: TAL CT
Relinquished by:	Date/Time: 01/26/10 1800	Company: TAL CT	Received by:	Date/Time: 1-26-10	Company: 13:15
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:
Client:
Client Project:

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Initials	Date
11323 - 01	H_2SO_4	<2	N/A	N/A	N/A	KLB	1/19/10
↓ 01	↓	<2	↓	↓	↓	↓	↓
↓ 01	HNO_3	<2	↓	↓	↓	↓	↓

KLBlack 1/19/10

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11323-1
SDG Number: 220-11323

Login Number: 11323
List Source: TestAmerica Connecticut
Creator: Cedeno, Jorge
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11323-1
SDG Number: 220-11323

Login Number: 11323
List Source: TestAmerica Connecticut
Creator: Cedeno, Jorge
List Number: 2

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.6C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	N/A	

TestAmerica - Connecticut
Internal Chain-of-Custody

220-11323
AKRF- Ce Flushing

Trip Blank:

QC: Air:

FB:

Soil: Water: 1

Date Received: 1/18/10

Sample #s: 1

Locations: 93C, R-1R

Laboratory Sample #	Signature-Sample Removal	Date	Time	Reason	Signature-Sample Return	Date	Time
1	JM	1/19/10	928	CR6, BOD5, NO2, NO3 - TS	JM	1/19/10	13:30
1	RT	1/19	1340	TSS Phenol	RT	1/19	1610
1	JP	1/20/10	9:10	EXT	used		
1	JM	1/20/10	9:30	BOD	JM	1/20/10	15:30
1	JP	1/21/10	9:05	EXT	used		
1	JM	1/21/10	8:45	TSS	JM	1/21/10	11:25
1	RT	1/21	1310	664	used		
1	DM	1/22/10	1400	F1 P+	DM	1/22/10	1540
1	JN	1/25/10	0925	NTR	JN	1/25/10	1015
1	JN	1/25/10	1130	TKN	JN	1/25	1530
1	D.H.	1/25/10	16:15	VOA	used		
1	JN	1/26/10	0942	NTR	JN	1/26/10	1140
						JM	2/2/10

02/03/2010

TestAmerica - Connecticut
Internal Chain-of-Custody

220-11323
AKRF

Trip Blank:

QC: Air:

FB:

Soil: Water: #2

Date Received: 1-26-10

Sample #s: #2

Locations: 93C

Laboratory Sample #	Signature-Sample Removal	Date	Time	Reason	Signature-Sample Return	Date	Time
2	JM	1/27/10	8:40	~~Conductivity~~ CBOD ~~TDS~~	JM	1/27/10	11:35

DAM 2/2/10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-11323-1

SDG Number: 220-11323

Job Description: CE Flushing Industrial Park

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Joan Widomski
Data Review Analyst I
2/3/2010 12:43 PM

Designee for
Erin A Arasate
Project Manager I
erin.arasate@testamericainc.com
02/03/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
Report Narrative 3
Executive Summary 5
Method Summary 6
Method / Analyst Summary 7
Sample Summary 8
Sample Results 9
Sample Datasheets 10
Data Qualifiers 17
Client Chain of Custody 18
Sample Receipt Checklist 21
Internal Coc (if required) 23

Case Narrative for Job: 220-11323

Client: AKRF Inc
Date: February 3, 2010

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

Lawrence Decker
Laboratory Director

February 3, 2010
Date

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) SM 5210B: The glucose-glutamic acid standard recovered outside the recovery limits specified in the method.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11323-1	**CE-EFFLUENT-16**					
Toluene		1.1	J	5.0	ug/L	624
Ethylbenzene		0.54	J	5.0	ug/L	624
Xylenes, Total		2.7	J	5.0	ug/L	624
PCB-1260		0.012	J	0.051	ug/L	608
Copper		12.5		10.0	ug/L	200.7
Nickel		4.5	J	5.0	ug/L	200.7
Lead		9.9	J	15.0	ug/L	200.7
Zinc		14.1	J	25.0	ug/L	200.7
Field pH		8.2			SU	SM4500 H+
Temperature		42.2			Fahrenheit	SM4500 H+
Flashpoint		>200			Degrees F	1020A
Nitrate as N		0.40		0.10	mg/L	300.0
Chloride		731		50.0	mg/L	300.0
Nitrite as N		0.074	J	1.0	mg/L	300.0
Nitrogen, Kjeldahl		3.7		0.50	mg/L	351.2
Nitrogen, Total		4.2		0.50	mg/L	351.2
Phenolics, Total Recoverable		0.0093		0.0050	mg/L	420.4
Total Solids		1440		10.0	mg/L	SM 2540B
Total Suspended Solids		26.0		2.5	mg/L	SM 2540D
Cr (VI)		0.010		0.010	mg/L	SM 3500 CR D
220-11323-2	**CE-EFFLUENT-16 A**					
Carbonaceous Biochemical Oxygen Demand		8.3	N	2.0	mg/L	SM 5210B

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	40CFR136A 624	
Semivolatile Organic Compounds (GC/MS)	TAL CT	40CFR136A 625	
Liquid-Liquid Extraction	TAL CT		40CFR136A 625
Organochlorine Pesticides & PCBs (GC)	TAL CT	40CFR136A 608	
Liquid-Liquid Extraction (Separtory Funnel)	TAL CT		40CFR136A 608
Total Recoverable Metals by ICP	TAL CT	EPA 200.7	
Preparation, Total Metals	TAL CT		EPA 200.7
Mercury (CVAA)	TAL CT	EPA 245.1	
Preparation, Mercury	TAL CT		EPA 245.1
Ignitability, Setaflash Closed-Cup Method	TAL CT	SW846 1020A	
HEM and SGT-HEM	TAL CT	1664A 1664A	
Nitrate & Nitrite	TAL CT	40CFR136A 300.0	
Chloride	TAL CT	40CFR136A 300.0	
TKN	TAL CT	MCAWW 351.2	
Nitrogen, Total Kjeldahl	TAL CT		MCAWW 351.2
Phenolics, Total Recoverable	TAL CT	MCAWW 420.4	
Distillation, Phenolics	TAL CT		Distill/Phenol
Solids, Total	TAL CT	SM SM 2540B	
Solids, Total Suspended (TSS)	TAL CT	SM SM 2540D	
Chromium, Hexavalent	TAL CT	SM SM 3500 CR D	
BOD, 5-Day	TAL CT	SM SM 5210B	
pH, Field	TAL CT	SM SM4500 H+	

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Method	Analyst	Analyst ID
40CFR136A 624	Humbert, Dave	DH
40CFR136A 625	Jonas, Stephan	SJ
40CFR136A 608	Dini, Tracy	TD
EPA 200.7	Petronchak, Nestor	NP
EPA 245.1	Voytek, Joseph F	JFV
SM SM4500 H+	Arasate, Erin A	EAA
SW846 1020A	Nemeth, Doreen	DN
1664A 1664A	Tillotson, Ray	RT
40CFR136A 300.0	Madumadu, Dave	DM
MCAWW 351.2	Natoli, Richard A	RN
MCAWW 351.2	Nemeth, Doreen	DN
MCAWW 420.4	Natoli, Richard A	RN
SM SM 2540B	Mendoza, Julia	JM
SM SM 2540D	Mendoza, Julia	JM
SM SM 3500 CR D	Mendoza, Julia	JM
SM SM 5210B	Nemeth, Doreen	DN

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-11323-1	CE-EFFLUENT-16	Water	01/18/2010 1215	01/18/2010 1640
220-11323-2	CE-EFFLUENT-16 A	Water	01/26/2010 1815	01/26/2010 1815

SAMPLE RESULTS

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

624 Volatile Organic Compounds (GC/MS)

Method: 624
Preparation: N/A
Dilution: 1.0
Date Analyzed: 01/25/2010 1635
Date Prepared:

Analysis Batch: 220-35459

Instrument ID: MSY
Lab File ID: Y9620.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.099	U	0.099	5.0
Toluene	1.1	J	0.074	5.0
Ethylbenzene	0.54	J	0.15	5.0
Xylenes, Total	2.7	J	0.68	5.0
Methyl tert-butyl ether	0.24	U	0.24	5.0
Chloroform	0.11	U	0.11	5.0
1,1,1-Trichloroethane	0.16	U	0.16	5.0
Carbon tetrachloride	0.22	U	0.22	5.0
Tetrachloroethene	0.12	U	0.12	5.0
1,4-Dichlorobenzene	0.29	U	0.29	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		60 - 127
4-Bromofluorobenzene	91		47 - 120
Toluene-d8 (Surr)	98		83 - 120

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

625 Semivolatile Organic Compounds (GC/MS)

Method:	625	Analysis Batch: 220-35349		Instrument ID:	MSZ
Preparation:	625	Prep Batch: 220-35309		Lab File ID:	Zx15013.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	01/20/2010 2201			Final Weight/Volume:	1 mL
Date Prepared:	01/20/2010 0919			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	0.38	U	0.38	4.2
Naphthalene	0.31	U	0.31	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	70		36 - 120
2-Fluorobiphenyl	55		38 - 120
2-Fluorophenol	33		12 - 120
Nitrobenzene-d5	47		34 - 120
Phenol-d5	25		10 - 120
Terphenyl-d14	74		10 - 120

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

608 Organochlorine Pesticides & PCBs (GC)

Method:	608	Analysis Batch: 220-35400	Instrument ID: GC9
Preparation:	608	Prep Batch: 220-35351	Initial Weight/Volume: 1960 mL
Dilution:	1.0		Final Weight/Volume: 2 mL
Date Analyzed:	01/22/2010 1115		Injection Volume: 1 uL
Date Prepared:	01/21/2010 0924		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.015	U	0.015	0.051
PCB-1221	0.015	U	0.015	0.051
PCB-1232	0.015	U	0.015	0.051
PCB-1242	0.015	U	0.015	0.051
PCB-1248	0.015	U	0.015	0.051
PCB-1254	0.015	U	0.015	0.051
PCB-1260	0.012	J	0.011	0.051

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	29		28 - 139
Tetrachloro-m-xylene	86		45 - 129

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

200.7 Total Recoverable Metals by ICP

Method:	200.7	Analysis Batch: 220-35469		Instrument ID:	ICAP3
Preparation:	200.7	Prep Batch: 220-35413		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	01/26/2010 1310			Final Weight/Volume:	50 mL
Date Prepared:	01/25/2010 0953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Cadmium	1.0	U	1.0	5.0
Copper	12.5		1.5	10.0
Nickel	4.5	J	1.0	5.0
Lead	9.9	J	2.5	15.0
Zinc	14.1	J	5.0	25.0

245.1 Mercury (CVAA)

Method:	245.1	Analysis Batch: 220-35458		Instrument ID:	MERC1
Preparation:	245.1	Prep Batch: 220-35451		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	01/26/2010 1453			Final Weight/Volume:	50 mL
Date Prepared:	01/26/2010 1132				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.060	U	0.060	0.20

General Chemistry

Client Sample ID: CE-EFFLUENT-16

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
SGT-HEM (Oil and Grease - Nonpolar)	0.62	U	mg/L	0.62	5.0	1.0	1664A
Analysis Batch: 220-35381	Date Analyzed: 01/21/2010 1406						
Chloride	731		mg/L	4.2	50.0	50	300.0
Analysis Batch: 220-35428	Date Analyzed: 01/19/2010 1233						
Nitrate as N	0.40		mg/L	0.010	0.10	1.0	300.0
Analysis Batch: 220-35429	Date Analyzed: 01/19/2010 1206						
Nitrite as N	0.074	J	mg/L	0.056	1.0	10	300.0
Analysis Batch: 220-35429	Date Analyzed: 01/19/2010 1219						
Nitrogen, Kjeldahl	3.7		mg/L	0.050	0.50	1.0	351.2
Analysis Batch: 220-35461	Date Analyzed: 01/26/2010 1337						
Prep Batch: 220-35460	Date Prepared: 01/25/2010 1445						
Nitrogen, Total	4.2		mg/L	0.050	0.50	1.0	351.2
Analysis Batch: 220-35464	Date Analyzed: 01/26/2010 1533						
Prep Batch: 220-35460	Date Prepared: 01/25/2010 1445						
Phenolics, Total Recoverable	0.0093		mg/L	0.0025	0.0050	1.0	420.4
Analysis Batch: 220-35332	Date Analyzed: 01/20/2010 1316						
Prep Batch: 220-35326	Date Prepared: 01/19/2010 1445						
Total Solids	1440		mg/L	4.0	10.0	1.0	SM 2540B
Analysis Batch: 220-35290	Date Analyzed: 01/19/2010 1455						
Total Suspended Solids	26.0		mg/L	0.84	2.5	1.0	SM 2540D
Analysis Batch: 220-35352	Date Analyzed: 01/21/2010 1037						
Cr (VI)	0.010		mg/L	0.0027	0.010	1.0	SM 3500 CR
Analysis Batch: 220-35261	Date Analyzed: 01/19/2010 1018						

Analyte	Result	Qual	Units	Dil	Method
Flashpoint	>200		Degrees F	1.0	1020A
Analysis Batch: 220-35401	Date Analyzed (Start): 01/22/2010 1410 (End) 01/22/2010 1430				

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

General Chemistry

Client Sample ID: **CE-EFFLUENT-16 A**

Lab Sample ID: 220-11323-2
Client Matrix: Water

Date Sampled: 01/26/2010 1815
Date Received: 01/26/2010 1815

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Carbonaceous Biochemical Oxygen Demand	8.3	N	mg/L	0.50	2.0	1.0	SM 5210B
Analysis Batch: 220-35639	Date Analyzed: 01/27/2010 0945						

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Field Service / Mobile Lab

Client Sample ID: **CE-EFFLUENT-16**

Lab Sample ID: 220-11323-1
Client Matrix: Water

Date Sampled: 01/18/2010 1215
Date Received: 01/18/2010 1640

Analyte	Result	Qual	Units	RL	RL	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	8.2		SU			1.0	SM4500 H+	220-35628	01/18/2010 1215
Temperature	42.2		Fahrenheit			1.0	SM4500 H+	220-35628	01/18/2010 1215

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-11323-1
Sdg Number: 220-11323

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
	N	Spiked sample recovery is not within control limits.

PC 246

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: AKRF, Inc. - Kate Brunner	**Field Sampler:** Steve Grens	**TAT Required (business days):** Standard	**Lab PM/Contact:** Erin Arasate
Company:	**Mobile/Field Number:** (917) 63-6022		**Lab Job Number (Lab Use Only):** 11323
Address: 440 Park Avenue South 7th Floor	**E-Mail:** sgrens@akrf.com	**Deliverable Type (Report/EDD):** EDD	**Passed Rad Screen (Lab Use Only):** [X] Yes [ ] No
City, State, Zip: New York, NY 10016	**PO #:**	**Sample Disposal:** [ ] Return to Client [X] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Cooler Temperatures (Lab Use Only):** 1.0 C Page #1
Phone: (646) 388-95	**WO #:**		**Analysis (Attach list if more space is needed)**
Email: kbrunner@akrf.com	**Project #:** 30141-0116	**State Regulatory QC Criteria Requirements:** Category "A" deliverable	
Project Name/Site Location (State): 40-22 College CE Flushing - Point Blvd.	**SSOW#:**		

COC Number: 12134
Page 1 of 1
Carrier Tracking Notes:

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

No. of Containers/Preservatives

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	NYC DEP Effluent Standards	Comments
1	CE-Effluent-16	1/18/10	1215	Aq	No	X	X	X	X			X		@ Sample Collection PH = 8.2 su Temp = 42.2°F
														Some Analytes have 24-hour holding time.

Relinquished by: Steve Grens	Date/Time: 11/18/10 1440	Company AKRF	Received by:	Date/Time: 11/18/10 1440	Company TAL CT
Relinquished by:	Date/Time: 11/18/10 1640	Company TAL CT	Received by:	Date/Time: 11/18/10 1640	Company TAL CT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

02/03/2010

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Kate Brunner	**Field Sampler:** Steve Givens	**TAT Required (business days):** Standard	**Lab PM/Contact:** Erin Avasate	**COC Number:** 12132
Company: AKRF, Inc.	**Mobile/Field Number:** (917) 613 6022		**Lab Job Number (Lab Use Only):** 11323	**Page** 1 of 1
Address: 440 Park Ave South	**E-Mail:** Sgivens@akrf.com	**Deliverable Type (Report/EDD):** EDD		**Carrier Tracking Notes:**
City, State, Zip: New York, NY 10016	**PO #:** 30141-0116	**Sample Disposal:** [ ] Return to Client [X] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Passed Rad Screen (Lab Use Only):** [ ] Yes [ ] No	
Phone: (646) 388-9525	**WO #:**		**Cooler Temperatures (Lab Use Only):** -0.6 °C IR0160	
Email: kbrunner	**Project #:**	**State Regulatory QC Criteria Requirements:** Cat "A" deliverables		
Project Name/Site Location (State): CE Flushing 40-22 College Pt. Blvd	**SSOW#:**			

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Analysis (Attach list if more space is needed): BOD	Comments
	CE-Effluent-16A	1/26/10	0925	Aq	NO	X							X	24-hour Holding Time!!
														Temp = 39.6°F
														pH = 7.8 su

Relinquished by:	Date/Time: 1/26/10 1010	Company: AKRF	Received by:	Date/Time: 01/26/10 1010	Company: TAL CT
Relinquished by:	Date/Time: 01/26/10 1800	Company: TAL CT	Received by:	Date/Time: 1-26-10	Company: 13:15
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments:

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:
Client:
Client Project:

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Initials	Date
11323 - 01	H_2SO_4	<2	N/A	N/A	N/A	KLB	1/19/10
↓ 01	↓	<2	↓	↓	↓	↓	↓
↓ 01	HNO_3	<2	↓	↓	↓	↓	↓

KLBlack 1/19/10

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11323-1
SDG Number: 220-11323

Login Number: 11323
List Source: TestAmerica Connecticut
Creator: Cedeno, Jorge
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11323-1
SDG Number: 220-11323

Login Number: 11323
List Source: TestAmerica Connecticut
Creator: Cedeno, Jorge
List Number: 2

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-0.6C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	N/A	

TestAmerica - Connecticut
Internal Chain-of-Custody

220-11323
AKRF- Ce Flushing

Trip Blank:

QC: Air:

FB:

Soil: Water: 1

Date Received: 1/18/10

Sample #s: 1

Locations: 93C, R-1R

Laboratory Sample #	Signature-Sample Removal	Date	Time	Reason	Signature-Sample Return	Date	Time
1	JM	1/19/10	928	CR6, BOD5, NO2, NO3 - TS	JM	1/19/10	13:30
1	RT	1/19	1340	TSS Phenol	RT	1/19	1610
1	JP	1/20/10	9:10	EXT	used		
1	JM	1/20/10	9:30	BOD	JM	1/20/10	15:30
1	JP	1/21/10	9:05	EXT	used		
1	JM	1/21/10	8:45	TSS	JM	1/21/10	11:25
1	RT	1/21	1310	664	used		
1	DM	1/22/10	1400	F1 P+	DM	1/22/10	1540
1	JN	1/25/10	0925	NTR	JN	1/25/10	1015
1	JN	1/25/10	1130	TKN	JN	1/25	1530
1	D.H.	1/25/10	16:15	VOA	used		
1	JN	1/26/10	0942	NTR	JN	1/26/10	1140
						JM	2/2/10

02/03/2010

TestAmerica - Connecticut
Internal Chain-of-Custody

220-11323
AKRF

Trip Blank:

QC: Air:

FB:

Soil: Water: #2

Date Received: 1-26-10

Sample #s: #2

Locations: 93C

Laboratory Sample #	Signature-Sample Removal	Date	Time	Reason	Signature-Sample Return	Date	Time
2	JM	1/27/10	8:40	~~Conductivity~~ CBOD ~~TDS~~	JM	1/27/10	11:35

DAM 2/2/10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-12119-1

Job Description: CE Flushing Industrial Park

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Cheryl Cascella
Data Review Analyst I
5/14/2010 4:25 PM

Designee for
Erin A Arasate
Project Manager I
erin.arasate@testamericainc.com
05/14/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
Report Narrative 3
Method Summary 4
Sample Summary 6
Sample Datasheets 7
Data Qualifiers 43
Client Chain of Custody 44

Job Narrative
220-12119-1

Comments
No additional comments.

Receipt
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): CE-Stockpile-69C (220-12119-3). The container label list CE-Stockpile-68C. The client was contacted and the laboratory was instructed to use the ID listed on the COC.

The following samples were recieved at the laboratory with no collection time documented on the Chain of CustodyCE-Stockpile-69-1 (220-12119-7). The sample collection time was taken form the sample bottle.

The following samples had volume split from the original container on 05/05/10 for subcontract analysis being provided by TestAmerica Edison for expanded DRO: CE-Stockpile-68H (220-12119-8), CE-Stockpile-68I (220-12119-9), CE-Stockpile-68J (220-12119-10), CE-Stockpile-69A (220-12119-1), CE-Stockpile-69B (220-12119-2), CE-Stockpile-69C (220-12119-3), CE-Stockpile-69D (220-12119-4), CE-Stockpile-69E (220-12119-5), CE-Stockpile-69F (220-12119-6). The client did not submit separate containers for these analyses.

A separate VOA container was not submitted by the client for the following TCLP VOA sample: CE-Stockpile-69A (220-12119-1). Volume for the TCLP VOA samples was split from the original container prior to laboratory usage for extraction of DRO and SVOA.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Internal standard (ISTD) response for the following sample was outside control limits: CE-Stockpile-68I (220-12119-9), CE-Stockpile-68J (220-12119-10), CE-Stockpile-68K (220-12119-11), CE-Stockpile-69D (220-12119-4), CE-Stockpile-69E (220-12119-5), CE-Stockpile-69F (220-12119-6). The sample was re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The matrix spike duplicate (MSD) recoveries for batch 36717was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8015B: The laboratory control sample (LCS) associated with batch 36883 was outside the lower acceptance criteria. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits; therefore, the data have been reported.

Method(s) 515.1, 8151A: This method incorporates the use of second column confirmation. Corrective action for unacceptable percent recovery is not taken for surrogate or spike compounds unless the results from both columns are outside criteria. Any results which fall outside criteria are qualified and reported.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 9045C: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: CE-Stockpile-69-1 (220-12119-7)

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-12119-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
TCLP Extraction	TAL CT		SW846 1311
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
TCLP Extraction	TAL CT		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Automated Soxhlet Extraction	TAL CT		SW846 3541
Diesel Range Organics (DRO) (GC)	TAL EDI	SW846 8015B	
Microwave Extraction	TAL EDI		SW846 3546
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
TCLP Extraction	TAL CT		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
PCBs	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Herbicides (GC)	TAL SAV	SW846 8151A	
TCLP Extraction	TAL SAV		SW846 1311
Extraction (Herbicides)	TAL SAV		SW846 8151A
Metals (ICP)	TAL CT	SW846 6010B	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Total Metals	TAL CT		SW846 3010A
Preparation, Metals	TAL CT		SW846 3050B
Mercury (CVAA)	TAL CT	SW846 7470A	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Mercury	TAL CT		SW846 7470A
Mercury	TAL CT	SW846 7471A	
Preparation, Mercury	TAL CT		SW846 7471A
Ignitability, Solids	TAL EDI	SW846 1030	
Cyanide, Reactive	TAL CT	SW846 9012	
Cyanide, Reactive	TAL CT		SW846 7.3.3
Organic Halides, Extractable (EOX)	TAL SAV	SW846 9023	
Sulfide, Reactive	TAL CT	SW846 9034	
Sulfide, Reactive	TAL CT		SW846 7.3.4
Sulfur, Total	TAL SAV	SW846 9038	
Bomb Preparation Method for Solid Waste	TAL SAV		SW846 5050
pH	TAL CT	SW846 9045C	
Percent Solid	TAL CT	EPA Moisture	

METHOD SUMMARY

Client: AKRF Inc Job Number: 220-12119-1

Description	Lab Location	Method	Preparation Method

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-12119-1	CE-Stockpile-69A	Solid	05/03/2010 0926	05/04/2010 1845
220-12119-2	CE-Stockpile-69B	Solid	05/03/2010 0928	05/04/2010 1845
220-12119-3	CE-Stockpile-69C	Solid	05/03/2010 0931	05/04/2010 1845
220-12119-4	CE-Stockpile-69D	Solid	05/03/2010 0935	05/04/2010 1845
220-12119-5	CE-Stockpile-69E	Solid	05/04/2010 1146	05/04/2010 1845
220-12119-6	CE-Stockpile-69F	Solid	05/04/2010 1148	05/04/2010 1845
220-12119-7	CE-Stockpile-69-1	Solid	05/03/2010 0947	05/04/2010 1845
220-12119-8	CE-Stockpile-68H	Solid	05/03/2010 0905	05/04/2010 1845
220-12119-9	CE-Stockpile-68I	Solid	05/03/2010 0908	05/04/2010 1845
220-12119-10	CE-Stockpile-68J	Solid	05/03/2010 0911	05/04/2010 1845
220-12119-11	CE-Stockpile-68K	Solid	05/03/2010 0915	05/04/2010 1845

Kate Brunner
AKRF Inc
440 Park Avenue South
New York, NY 10016

Job Number: 220-12119-1
Lab Sample Id: 220-12119-1
Client Matrix: Solid
Date Sampled: 05/03/2010 0926
Date Received: 05/04/2010 1845

Client Sample ID: CE-Stockpile-69A

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Vinyl chloride	0.00098	U	mg/L	0.00098	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
1,1-Dichloroethene	0.00083	U	mg/L	0.00083	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
Methyl Ethyl Ketone	0.0011	J B	mg/L	0.0011	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
Chloroform	0.00067	U	mg/L	0.00067	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
Carbon tetrachloride	0.0011	U	mg/L	0.0011	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
Benzene	0.00074	U	mg/L	0.00074	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
1,2-Dichloroethane	0.00072	U	mg/L	0.00072	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
Trichloroethene	0.00062	U	mg/L	0.00062	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
Tetrachloroethene	0.00081	U	mg/L	0.00081	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
Chlorobenzene	0.00072	U	mg/L	0.00072	8260BTCLP	05/07/2010 2043	05/07/2010 2043	1.0
GC/MS SEMI VOA								
Phenol	47	U	ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Bis(2-chloroethyl)ether	37	U	ug/Kg	37	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2-Chlorophenol	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/07/2010 1654	2.0
1,3-Dichlorobenzene	36	U	ug/Kg	36	8270C	05/05/2010 1152	05/07/2010 1654	2.0
1,4-Dichlorobenzene	53	J	ug/Kg	42	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Benzyl alcohol	67	U	ug/Kg	67	8270C	05/05/2010 1152	05/07/2010 1654	2.0
1,2-Dichlorobenzene	42	U	ug/Kg	42	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,2'-oxybis[1-chloropropane]	37	U	ug/Kg	37	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2-Methylphenol	43	U	ug/Kg	43	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Hexachloroethane	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/07/2010 1654	2.0
N-Nitrosodi-n-propylamine	48	U	ug/Kg	48	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4-Methylphenol	47	U	ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Nitrobenzene	45	U	ug/Kg	45	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Isophorone	39	U	ug/Kg	39	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2-Nitrophenol	45	U	ug/Kg	45	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,4-Dimethylphenol	35	U	ug/Kg	35	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Bis(2-chloroethoxy)methane	33	U	ug/Kg	33	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,4-Dichlorophenol	38	U	ug/Kg	38	8270C	05/05/2010 1152	05/07/2010 1654	2.0

Kate Brunner
AKRF Inc
440 Park Avenue South
New York, NY 10016

Job Number: 220-12119-1
Lab Sample Id: 220-12119-1
Client Matrix: Solid
Date Sampled: 05/03/2010 0926
Date Received: 05/04/2010 1845
% Moisture: 25.7

Client Sample ID: CE-Stockpile-69A

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
1,2,4-Trichlorobenzene	580	J	ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Naphthalene	650	J	ug/Kg	37	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4-Chloroaniline	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Hexachlorobutadiene	55	U	ug/Kg	55	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4-Chloro-3-methylphenol	29	U	ug/Kg	29	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2-Methylnaphthalene	500	J	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Hexachlorocyclopentadiene	340	U	ug/Kg	340	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,4,6-Trichlorophenol	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,4,5-Trichlorophenol	36	U	ug/Kg	36	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2-Chloronaphthalene	30	U	ug/Kg	30	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2-Nitroaniline	43	U	ug/Kg	43	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Acenaphthylene	100	J	ug/Kg	35	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Dimethyl phthalate	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,6-Dinitrotoluene	21	U	ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Acenaphthene	42	U	ug/Kg	42	8270C	05/05/2010 1152	05/07/2010 1654	2.0
3-Nitroaniline	23	U	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,4-Dinitrophenol	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Dibenzofuran	620	J	ug/Kg	50	8270C	05/05/2010 1152	05/07/2010 1654	2.0
2,4-Dinitrotoluene	57	U	ug/Kg	57	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4-Nitrophenol	54	U	ug/Kg	54	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Fluorene	400	J	ug/Kg	43	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4-Chlorophenyl phenyl ether	53	U	ug/Kg	53	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Diethyl phthalate	72	U	ug/Kg	72	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4-Nitroaniline	55	U	ug/Kg	55	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4,6-Dinitro-2-methylphenol	310	U	ug/Kg	310	8270C	05/05/2010 1152	05/07/2010 1654	2.0
N-Nitrosodiphenylamine	40	U	ug/Kg	40	8270C	05/05/2010 1152	05/07/2010 1654	2.0
4-Bromophenyl phenyl ether	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Hexachlorobenzene	49	U	ug/Kg	49	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Pentachlorophenol	430	U	ug/Kg	430	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Phenanthrene	3300		ug/Kg	35	8270C	05/05/2010 1152	05/07/2010 1654	2.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-1
Client Matrix: Solid
Date Sampled: 05/03/2010 0926
Date Received: 05/04/2010 1845
% Moisture: 25.7

Client Sample ID: CE-Stockpile-69A

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Carbazole	610	J	ug/Kg	40	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Anthracene	1100		ug/Kg	28	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Di-n-butyl phthalate	840		ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Fluoranthene	6000		ug/Kg	35	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Pyrene	7500		ug/Kg	34	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Butyl benzyl phthalate	40	U	ug/Kg	40	8270C	05/05/2010 1152	05/07/2010 1654	2.0
3,3'-Dichlorobenzidine	150	U	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Benzo[a]anthracene	4200		ug/Kg	25	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Chrysene	4400		ug/Kg	53	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Bis(2-ethylhexyl) phthalate	170	J	ug/Kg	69	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Di-n-octyl phthalate	40	U	ug/Kg	40	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Benzo[b]fluoranthene	5000		ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Benzo[k]fluoranthene	1900		ug/Kg	64	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Benzo[a]pyrene	3900		ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Indeno[1,2,3-cd]pyrene	3900		ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Dibenz(a,h)anthracene	1200		ug/Kg	56	8270C	05/05/2010 1152	05/07/2010 1654	2.0
Benzo[g,h,i]perylene	3300		ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 1654	2.0
GC SEMI VOA								
Diesel Range Organics (C10-C44)	180		mg/Kg	12	8015B	05/06/2010 1153	05/08/2010 1255	1.0
GENERAL CHEMISTRY								
Percent Moisture	25.7		%	0.10	Moisture		05/05/2010 1541	1.0
Percent Solids	74.3		%	0.10	Moisture		05/05/2010 1541	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-2
Client Matrix: Solid
Date Sampled: 05/03/2010 0928
Date Received: 05/04/2010 1845
% Moisture: 23.0

Client Sample ID: CE-Stockpile-69B

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Bis(2-chloroethyl)ether	91	U	ug/Kg	91	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2-Chlorophenol	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
1,3-Dichlorobenzene	87	U	ug/Kg	87	8270C	05/05/2010 1152	05/07/2010 1722	5.0
1,4-Dichlorobenzene	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Benzyl alcohol	170	U	ug/Kg	170	8270C	05/05/2010 1152	05/07/2010 1722	5.0
1,2-Dichlorobenzene	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,2'-oxybis[1-chloropropane]	91	U	ug/Kg	91	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2-Methylphenol	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Hexachloroethane	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
N-Nitrosodi-n-propylamine	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4-Methylphenol	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Nitrobenzene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Isophorone	96	U	ug/Kg	96	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2-Nitrophenol	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,4-Dimethylphenol	85	U	ug/Kg	85	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Bis(2-chloroethoxy)methane	81	U	ug/Kg	81	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,4-Dichlorophenol	93	U	ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 1722	5.0
1,2,4-Trichlorobenzene	2200		ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Naphthalene	1200	J	ug/Kg	91	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4-Chloroaniline	280	U	ug/Kg	280	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Hexachlorobutadiene	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4-Chloro-3-methylphenol	72	U	ug/Kg	72	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2-Methylnaphthalene	1100	J	ug/Kg	50	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Hexachlorocyclopentadiene	820	U	ug/Kg	820	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,4,6-Trichlorophenol	48	U	ug/Kg	48	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,4,5-Trichlorophenol	88	U	ug/Kg	88	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2-Chloronaphthalene	74	U	ug/Kg	74	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2-Nitroaniline	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Acenaphthylene	85	U	ug/Kg	85	8270C	05/05/2010 1152	05/07/2010 1722	5.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-2
Client Matrix: Solid
Date Sampled: 05/03/2010 0928
Date Received: 05/04/2010 1845
% Moisture: 23.0

Client Sample ID: CE-Stockpile-69B

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,6-Dinitrotoluene	51	U	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Acenaphthene	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
3-Nitroaniline	56	U	ug/Kg	56	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,4-Dinitrophenol	520	U	ug/Kg	520	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Dibenzofuran	1300	J	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1722	5.0
2,4-Dinitrotoluene	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4-Nitrophenol	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Fluorene	630	J	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4-Chlorophenyl phenyl ether	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Diethyl phthalate	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4-Nitroaniline	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4,6-Dinitro-2-methylphenol	750	U	ug/Kg	750	8270C	05/05/2010 1152	05/07/2010 1722	5.0
N-Nitrosodiphenylamine	98	U	ug/Kg	98	8270C	05/05/2010 1152	05/07/2010 1722	5.0
4-Bromophenyl phenyl ether	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Hexachlorobenzene	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Pentachlorophenol	1100	U	ug/Kg	1100	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Phenanthrene	5400		ug/Kg	86	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Carbazole	1400	J	ug/Kg	97	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Anthracene	2200		ug/Kg	68	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Di-n-butyl phthalate	2100		ug/Kg	250	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Fluoranthene	9200		ug/Kg	87	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Pyrene	10000		ug/Kg	82	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Butyl benzyl phthalate	98	U	ug/Kg	98	8270C	05/05/2010 1152	05/07/2010 1722	5.0
3,3'-Dichlorobenzidine	360	U	ug/Kg	360	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Benzo[a]anthracene	5700		ug/Kg	62	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Chrysene	5400		ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Bis(2-ethylhexyl) phthalate	170	U	ug/Kg	170	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Di-n-octyl phthalate	99	U	ug/Kg	99	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Benzo[b]fluoranthene	7000		ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 1722	5.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-2
Client Matrix: Solid
Date Sampled: 05/03/2010 0928
Date Received: 05/04/2010 1845
% Moisture: 23.0

Client Sample ID: CE-Stockpile-69B

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA							
Benzo[k]fluoranthene	2200	ug/Kg	160	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Benzo[a]pyrene	4900	ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Indeno[1,2,3-cd]pyrene	4900	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Dibenz(a,h)anthracene	2000	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1722	5.0
Benzo[g,h,i]perylene	4200	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1722	5.0
GC SEMI VOA							
Diesel Range Organics (C10-C44)	87	mg/Kg	11	8015B	05/06/2010 1153	05/08/2010 1310	1.0
GENERAL CHEMISTRY							
Percent Moisture	23.0	%	0.10	Moisture		05/05/2010 1541	1.0
Percent Solids	77.0	%	0.10	Moisture		05/05/2010 1541	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-3
Client Matrix: Solid
Date Sampled: 05/03/2010 0931
Date Received: 05/04/2010 1845
% Moisture: 23.9

Client Sample ID: CE-Stockpile-69C

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Bis(2-chloroethyl)ether	36	U	ug/Kg	36	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2-Chlorophenol	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/10/2010 1618	2.0
1,3-Dichlorobenzene	35	U	ug/Kg	35	8270C	05/05/2010 1152	05/10/2010 1618	2.0
1,4-Dichlorobenzene	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Benzyl alcohol	66	U	ug/Kg	66	8270C	05/05/2010 1152	05/10/2010 1618	2.0
1,2-Dichlorobenzene	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,2'-oxybis[1-chloropropane]	36	U	ug/Kg	36	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2-Methylphenol	42	U	ug/Kg	42	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Hexachloroethane	40	U	ug/Kg	40	8270C	05/05/2010 1152	05/10/2010 1618	2.0
N-Nitrosodi-n-propylamine	47	U	ug/Kg	47	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4-Methylphenol	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Nitrobenzene	44	U	ug/Kg	44	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Isophorone	39	U	ug/Kg	39	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2-Nitrophenol	44	U	ug/Kg	44	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,4-Dimethylphenol	34	U	ug/Kg	34	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Bis(2-chloroethoxy)methane	32	U	ug/Kg	32	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,4-Dichlorophenol	37	U	ug/Kg	37	8270C	05/05/2010 1152	05/10/2010 1618	2.0
1,2,4-Trichlorobenzene	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Naphthalene	36	U	ug/Kg	36	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4-Chloroaniline	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Hexachlorobutadiene	54	U	ug/Kg	54	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4-Chloro-3-methylphenol	29	U	ug/Kg	29	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2-Methylnaphthalene	160	J	ug/Kg	20	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Hexachlorocyclopentadiene	330	U	ug/Kg	330	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,4,6-Trichlorophenol	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,4,5-Trichlorophenol	35	U	ug/Kg	35	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2-Chloronaphthalene	30	U	ug/Kg	30	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2-Nitroaniline	42	U	ug/Kg	42	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Acenaphthylene	34	U	ug/Kg	34	8270C	05/05/2010 1152	05/10/2010 1618	2.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-3
Client Matrix: Solid
Date Sampled: 05/03/2010 0931
Date Received: 05/04/2010 1845
% Moisture: 23.9

Client Sample ID: CE-Stockpile-69C

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	40	U	ug/Kg	40	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,6-Dinitrotoluene	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Acenaphthene	530	J	ug/Kg	41	8270C	05/05/2010 1152	05/10/2010 1618	2.0
3-Nitroaniline	22	U	ug/Kg	22	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,4-Dinitrophenol	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Dibenzofuran	360	J	ug/Kg	49	8270C	05/05/2010 1152	05/10/2010 1618	2.0
2,4-Dinitrotoluene	56	U	ug/Kg	56	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4-Nitrophenol	53	U	ug/Kg	53	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Fluorene	130	J	ug/Kg	42	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4-Chlorophenyl phenyl ether	51	U	ug/Kg	51	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Diethyl phthalate	70	U	ug/Kg	70	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4-Nitroaniline	53	U	ug/Kg	53	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4,6-Dinitro-2-methylphenol	300	U	ug/Kg	300	8270C	05/05/2010 1152	05/10/2010 1618	2.0
N-Nitrosodiphenylamine	39	U	ug/Kg	39	8270C	05/05/2010 1152	05/10/2010 1618	2.0
4-Bromophenyl phenyl ether	45	U	ug/Kg	45	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Hexachlorobenzene	48	U	ug/Kg	48	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Pentachlorophenol	420	U	ug/Kg	420	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Phenanthrene	4700		ug/Kg	34	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Carbazole	520	J	ug/Kg	39	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Anthracene	1500		ug/Kg	27	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Di-n-butyl phthalate	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Fluoranthene	7200		ug/Kg	35	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Pyrene	5400		ug/Kg	33	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Butyl benzyl phthalate	39	U	ug/Kg	39	8270C	05/05/2010 1152	05/10/2010 1618	2.0
3,3'-Dichlorobenzidine	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Benzo[a]anthracene	3400		ug/Kg	25	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Chrysene	3300		ug/Kg	51	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Bis(2-ethylhexyl) phthalate	67	U	ug/Kg	67	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Di-n-octyl phthalate	40	U	ug/Kg	40	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Benzo[b]fluoranthene	3700		ug/Kg	19	8270C	05/05/2010 1152	05/10/2010 1618	2.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-3
Client Matrix: Solid
Date Sampled: 05/03/2010 0931
Date Received: 05/04/2010 1845
% Moisture: 23.9

Client Sample ID: CE-Stockpile-69C

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Benzo[k]fluoranthene	1400		ug/Kg	63	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Benzo[a]pyrene	3300		ug/Kg	19	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Indeno[1,2,3-cd]pyrene	3500		ug/Kg	45	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Dibenz(a,h)anthracene	55	U	ug/Kg	55	8270C	05/05/2010 1152	05/10/2010 1618	2.0
Benzo[g,h,i]perylene	2700		ug/Kg	45	8270C	05/05/2010 1152	05/10/2010 1618	2.0
GC SEMI VOA								
Diesel Range Organics (C10-C44)	93		mg/Kg	11	8015B	05/06/2010 1153	05/08/2010 1324	1.0
GENERAL CHEMISTRY								
Percent Moisture	23.9		%	0.10	Moisture		05/05/2010 1541	1.0
Percent Solids	76.1		%	0.10	Moisture		05/05/2010 1541	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-4
Client Matrix: Solid
Date Sampled: 05/03/2010 0935
Date Received: 05/04/2010 1845
% Moisture: 28.4

Client Sample ID: CE-Stockpile-69D

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Bis(2-chloroethyl)ether	97	U	ug/Kg	97	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2-Chlorophenol	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
1,3-Dichlorobenzene	94	U	ug/Kg	94	8270C	05/05/2010 1152	05/07/2010 1819	5.0
1,4-Dichlorobenzene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Benzyl alcohol	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1819	5.0
1,2-Dichlorobenzene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,2'-oxybis[1-chloropropane]	97	U	ug/Kg	97	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2-Methylphenol	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Hexachloroethane	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
N-Nitrosodi-n-propylamine	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4-Methylphenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Nitrobenzene	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Isophorone	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2-Nitrophenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,4-Dimethylphenol	91	U	ug/Kg	91	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Bis(2-chloroethoxy)methane	87	U	ug/Kg	87	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,4-Dichlorophenol	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1819	5.0
1,2,4-Trichlorobenzene	1300	J	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Naphthalene	1400	J	ug/Kg	97	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4-Chloroaniline	310	U	ug/Kg	310	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Hexachlorobutadiene	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4-Chloro-3-methylphenol	77	U	ug/Kg	77	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2-Methylnaphthalene	1200	J	ug/Kg	54	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Hexachlorocyclopentadiene	880	U	ug/Kg	880	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,4,6-Trichlorophenol	51	U	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,4,5-Trichlorophenol	95	U	ug/Kg	95	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2-Chloronaphthalene	80	U	ug/Kg	80	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2-Nitroaniline	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Acenaphthylene	200	J	ug/Kg	92	8270C	05/05/2010 1152	05/07/2010 1819	5.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-4
Client Matrix: Solid
Date Sampled: 05/03/2010 0935
Date Received: 05/04/2010 1845
% Moisture: 28.4

Client Sample ID: CE-Stockpile-69D

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,6-Dinitrotoluene	55	U	ug/Kg	55	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Acenaphthene	780	J	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
3-Nitroaniline	60	U	ug/Kg	60	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,4-Dinitrophenol	560	U	ug/Kg	560	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Dibenzofuran	1800	J	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1819	5.0
2,4-Dinitrotoluene	150	U	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4-Nitrophenol	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Fluorene	2000		ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4-Chlorophenyl phenyl ether	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Diethyl phthalate	190	U	ug/Kg	190	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4-Nitroaniline	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4,6-Dinitro-2-methylphenol	810	U	ug/Kg	810	8270C	05/05/2010 1152	05/07/2010 1819	5.0
N-Nitrosodiphenylamine	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
4-Bromophenyl phenyl ether	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Hexachlorobenzene	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Pentachlorophenol	1100	U	ug/Kg	1100	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Phenanthrene	19000		ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Carbazole	1800	J	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Anthracene	4800		ug/Kg	73	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Di-n-butyl phthalate	2200		ug/Kg	270	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Fluoranthene	26000		ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Pyrene	30000		ug/Kg	88	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Butyl benzyl phthalate	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
3,3'-Dichlorobenzidine	390	U	ug/Kg	390	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Benzo[a]anthracene	14000		ug/Kg	67	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Chrysene	13000		ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Bis(2-ethylhexyl) phthalate	200	J	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Di-n-octyl phthalate	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Benzo[b]fluoranthene	15000		ug/Kg	50	8270C	05/05/2010 1152	05/07/2010 1819	5.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-4
Client Matrix: Solid
Date Sampled: 05/03/2010 0935
Date Received: 05/04/2010 1845
% Moisture: 28.4

Client Sample ID: CE-Stockpile-69D

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA							
Benzo[k]fluoranthene	5400	ug/Kg	170	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Benzo[a]pyrene	12000	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Indeno[1,2,3-cd]pyrene	15000	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Dibenz(a,h)anthracene	4300	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 1819	5.0
Benzo[g,h,i]perylene	12000	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1819	5.0
GC SEMI VOA							
Diesel Range Organics (C10-C44)	200	mg/Kg	12	8015B	05/06/2010 1153	05/08/2010 1339	1.0
GENERAL CHEMISTRY							
Percent Moisture	28.4	%	0.10	Moisture		05/05/2010 1541	1.0
Percent Solids	71.6	%	0.10	Moisture		05/05/2010 1541	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-5
Client Matrix: Solid
Date Sampled: 05/04/2010 1146
Date Received: 05/04/2010 1845
% Moisture: 31.3

Client Sample ID: CE-Stockpile-69E

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	52	U	ug/Kg	52	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Bis(2-chloroethyl)ether	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2-Chlorophenol	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 1847	2.0
1,3-Dichlorobenzene	39	U	ug/Kg	39	8270C	05/05/2010 1152	05/07/2010 1847	2.0
1,4-Dichlorobenzene	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Benzyl alcohol	74	U	ug/Kg	74	8270C	05/05/2010 1152	05/07/2010 1847	2.0
1,2-Dichlorobenzene	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,2'-oxybis[1-chloropropane]	41	U	ug/Kg	41	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2-Methylphenol	47	U	ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Hexachloroethane	45	U	ug/Kg	45	8270C	05/05/2010 1152	05/07/2010 1847	2.0
N-Nitrosodi-n-propylamine	53	U	ug/Kg	53	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4-Methylphenol	51	U	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Nitrobenzene	50	U	ug/Kg	50	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Isophorone	43	U	ug/Kg	43	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2-Nitrophenol	49	U	ug/Kg	49	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,4-Dimethylphenol	38	U	ug/Kg	38	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Bis(2-chloroethoxy)methane	36	U	ug/Kg	36	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,4-Dichlorophenol	42	U	ug/Kg	42	8270C	05/05/2010 1152	05/07/2010 1847	2.0
1,2,4-Trichlorobenzene	130	J	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Naphthalene	670	J	ug/Kg	41	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4-Chloroaniline	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Hexachlorobutadiene	60	U	ug/Kg	60	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4-Chloro-3-methylphenol	32	U	ug/Kg	32	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2-Methylnaphthalene	540	J	ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Hexachlorocyclopentadiene	370	U	ug/Kg	370	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,4,6-Trichlorophenol	21	U	ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,4,5-Trichlorophenol	39	U	ug/Kg	39	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2-Chloronaphthalene	33	U	ug/Kg	33	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2-Nitroaniline	48	U	ug/Kg	48	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Acenaphthylene	140	J	ug/Kg	38	8270C	05/05/2010 1152	05/07/2010 1847	2.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-5
Client Matrix: Solid
Date Sampled: 05/04/2010 1146
Date Received: 05/04/2010 1845
% Moisture: 31.3

Client Sample ID: CE-Stockpile-69E

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	45	U	ug/Kg	45	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,6-Dinitrotoluene	23	U	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Acenaphthene	89	J	ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 1847	2.0
3-Nitroaniline	25	U	ug/Kg	25	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,4-Dinitrophenol	240	U	ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Dibenzofuran	680	J	ug/Kg	55	8270C	05/05/2010 1152	05/07/2010 1847	2.0
2,4-Dinitrotoluene	62	U	ug/Kg	62	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4-Nitrophenol	59	U	ug/Kg	59	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Fluorene	710	J	ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4-Chlorophenyl phenyl ether	58	U	ug/Kg	58	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Diethyl phthalate	79	U	ug/Kg	79	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4-Nitroaniline	60	U	ug/Kg	60	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4,6-Dinitro-2-methylphenol	340	U	ug/Kg	340	8270C	05/05/2010 1152	05/07/2010 1847	2.0
N-Nitrosodiphenylamine	44	U	ug/Kg	44	8270C	05/05/2010 1152	05/07/2010 1847	2.0
4-Bromophenyl phenyl ether	51	U	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Hexachlorobenzene	54	U	ug/Kg	54	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Pentachlorophenol	480	U	ug/Kg	480	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Phenanthrene	5900		ug/Kg	39	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Carbazole	720	J	ug/Kg	44	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Anthracene	1600		ug/Kg	30	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Di-n-butyl phthalate	930		ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Fluoranthene	7900		ug/Kg	39	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Pyrene	10000		ug/Kg	37	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Butyl benzyl phthalate	44	U	ug/Kg	44	8270C	05/05/2010 1152	05/07/2010 1847	2.0
3,3'-Dichlorobenzidine	160	U	ug/Kg	160	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Benzo[a]anthracene	4500		ug/Kg	28	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Chrysene	4200		ug/Kg	58	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Bis(2-ethylhexyl) phthalate	95	J	ug/Kg	76	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Di-n-octyl phthalate	44	U	ug/Kg	44	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Benzo[b]fluoranthene	4500		ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 1847	2.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-5
Client Matrix: Solid
Date Sampled: 05/04/2010 1146
Date Received: 05/04/2010 1845
% Moisture: 31.3

Client Sample ID: CE-Stockpile-69E

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Benzo[k]fluoranthene	1700		ug/Kg	70	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Benzo[a]pyrene	3800		ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Indeno[1,2,3-cd]pyrene	4600		ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Dibenz(a,h)anthracene	1500		ug/Kg	62	8270C	05/05/2010 1152	05/07/2010 1847	2.0
Benzo[g,h,i]perylene	3700		ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1847	2.0
GC SEMI VOA								
Diesel Range Organics (C10-C44)	13	U *	mg/Kg	13	8015B	05/07/2010 1939	05/11/2010 0418	1.0
GENERAL CHEMISTRY								
Percent Moisture	31.3		%	0.10	Moisture		05/05/2010 1541	1.0
Percent Solids	68.7		%	0.10	Moisture		05/05/2010 1541	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-6
Client Matrix: Solid
Date Sampled: 05/04/2010 1148
Date Received: 05/04/2010 1845
% Moisture: 43.2

Client Sample ID: CE-Stockpile-69F

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Bis(2-chloroethyl)ether	96	U	ug/Kg	96	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2-Chlorophenol	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
1,3-Dichlorobenzene	93	U	ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 1916	4.0
1,4-Dichlorobenzene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Benzyl alcohol	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1916	4.0
1,2-Dichlorobenzene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,2'-oxybis[1-chloropropane]	96	U	ug/Kg	96	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2-Methylphenol	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Hexachloroethane	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
N-Nitrosodi-n-propylamine	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4-Methylphenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Nitrobenzene	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Isophorone	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2-Nitrophenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,4-Dimethylphenol	90	U	ug/Kg	90	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Bis(2-chloroethoxy)methane	86	U	ug/Kg	86	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,4-Dichlorophenol	99	U	ug/Kg	99	8270C	05/05/2010 1152	05/07/2010 1916	4.0
1,2,4-Trichlorobenzene	310	J	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Naphthalene	1400	J	ug/Kg	96	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4-Chloroaniline	300	U	ug/Kg	300	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Hexachlorobutadiene	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4-Chloro-3-methylphenol	76	U	ug/Kg	76	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2-Methylnaphthalene	1200	J	ug/Kg	53	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Hexachlorocyclopentadiene	870	U	ug/Kg	870	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,4,6-Trichlorophenol	51	U	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,4,5-Trichlorophenol	93	U	ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2-Chloronaphthalene	79	U	ug/Kg	79	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2-Nitroaniline	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Acenaphthylene	110	J	ug/Kg	91	8270C	05/05/2010 1152	05/07/2010 1916	4.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-6
Client Matrix: Solid
Date Sampled: 05/04/2010 1148
Date Received: 05/04/2010 1845
% Moisture: 43.2

Client Sample ID: CE-Stockpile-69F

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,6-Dinitrotoluene	54	U	ug/Kg	54	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Acenaphthene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
3-Nitroaniline	59	U	ug/Kg	59	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,4-Dinitrophenol	560	U	ug/Kg	560	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Dibenzofuran	1700	J	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1916	4.0
2,4-Dinitrotoluene	150	U	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4-Nitrophenol	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Fluorene	1600	J	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4-Chlorophenyl phenyl ether	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Diethyl phthalate	190	U	ug/Kg	190	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4-Nitroaniline	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4,6-Dinitro-2-methylphenol	800	U	ug/Kg	800	8270C	05/05/2010 1152	05/07/2010 1916	4.0
N-Nitrosodiphenylamine	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1916	4.0
4-Bromophenyl phenyl ether	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Hexachlorobenzene	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Pentachlorophenol	1100	U	ug/Kg	1100	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Phenanthrene	13000		ug/Kg	91	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Carbazole	1600	J	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Anthracene	3700		ug/Kg	72	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Di-n-butyl phthalate	2200		ug/Kg	270	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Fluoranthene	15000		ug/Kg	92	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Pyrene	19000		ug/Kg	87	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Butyl benzyl phthalate	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1916	4.0
3,3'-Dichlorobenzidine	380	U	ug/Kg	380	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Benzo[a]anthracene	8000		ug/Kg	66	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Chrysene	7500		ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Bis(2-ethylhexyl) phthalate	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Di-n-octyl phthalate	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Benzo[b]fluoranthene	7800		ug/Kg	49	8270C	05/05/2010 1152	05/07/2010 1916	4.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-6
Client Matrix: Solid
Date Sampled: 05/04/2010 1148
Date Received: 05/04/2010 1845
% Moisture: 43.2

Client Sample ID: CE-Stockpile-69F

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Benzo[k]fluoranthene	3000		ug/Kg	170	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Benzo[a]pyrene	6500		ug/Kg	50	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Indeno[1,2,3-cd]pyrene	7600		ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Dibenz(a,h)anthracene	2500		ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 1916	4.0
Benzo[g,h,i]perylene	5700		ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1916	4.0
GC SEMI VOA								
Diesel Range Organics (C10-C44)	27	*	mg/Kg	15	8015B	05/07/2010 1939	05/11/2010 0430	1.0
GENERAL CHEMISTRY								
Percent Moisture	43.2		%	0.10	Moisture		05/05/2010 1543	1.0
Percent Solids	56.8		%	0.10	Moisture		05/05/2010 1543	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-7
Client Matrix: Solid
Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845
% Moisture: 27.4

Client Sample ID: CE-Stockpile-69-1

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Benzene	0.79	U	ug/Kg	0.79	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Bromodichloromethane	0.41	U	ug/Kg	0.41	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Bromoform	0.84	U	ug/Kg	0.84	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Bromomethane	2.9	U	ug/Kg	2.9	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Methyl Ethyl Ketone	2.2	U	ug/Kg	2.2	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Acetone	10	J B	ug/Kg	3.1	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Carbon disulfide	1.5	J	ug/Kg	0.56	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Carbon tetrachloride	1.3	U	ug/Kg	1.3	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Chlorobenzene	0.81	U	ug/Kg	0.81	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Chloroethane	1.3	U	ug/Kg	1.3	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Chloroform	0.47	U	ug/Kg	0.47	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Chloromethane	1.1	U	ug/Kg	1.1	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Dibromochloromethane	0.48	U	ug/Kg	0.48	8260B	05/05/2010 1555	05/05/2010 1555	1.0
1,1-Dichloroethane	0.41	U	ug/Kg	0.41	8260B	05/05/2010 1555	05/05/2010 1555	1.0
1,2-Dichloroethane	0.80	U	ug/Kg	0.80	8260B	05/05/2010 1555	05/05/2010 1555	1.0
1,1-Dichloroethene	0.80	U	ug/Kg	0.80	8260B	05/05/2010 1555	05/05/2010 1555	1.0
1,2-Dichloropropane	0.92	U	ug/Kg	0.92	8260B	05/05/2010 1555	05/05/2010 1555	1.0
cis-1,3-Dichloropropene	0.77	U	ug/Kg	0.77	8260B	05/05/2010 1555	05/05/2010 1555	1.0
trans-1,3-Dichloropropene	0.37	U	ug/Kg	0.37	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Ethylbenzene	0.96	U	ug/Kg	0.96	8260B	05/05/2010 1555	05/05/2010 1555	1.0
2-Hexanone	1.7	U	ug/Kg	1.7	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Methylene Chloride	3.3	J B	ug/Kg	1.5	8260B	05/05/2010 1555	05/05/2010 1555	1.0
methyl isobutyl ketone	0.76	U	ug/Kg	0.76	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Styrene	0.21	U	ug/Kg	0.21	8260B	05/05/2010 1555	05/05/2010 1555	1.0
1,1,2,2-Tetrachloroethane	0.72	U	ug/Kg	0.72	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Tetrachloroethene	1.1	U	ug/Kg	1.1	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Toluene	0.10	U	ug/Kg	0.10	8260B	05/05/2010 1555	05/05/2010 1555	1.0
1,1,1-Trichloroethane	0.73	U	ug/Kg	0.73	8260B	05/05/2010 1555	05/05/2010 1555	1.0
1,1,2-Trichloroethane	0.51	U	ug/Kg	0.51	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Trichloroethene	1.1	U	ug/Kg	1.1	8260B	05/05/2010 1555	05/05/2010 1555	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-7
Client Matrix: Solid
Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845
% Moisture: 27.4

Client Sample ID: CE-Stockpile-69-1

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS VOA								
Vinyl chloride	0.32	U	ug/Kg	0.32	8260B	05/05/2010 1555	05/05/2010 1555	1.0
Xylenes, Total	0.67	U	ug/Kg	0.67	8260B	05/05/2010 1555	05/05/2010 1555	1.0
cis-1,2-Dichloroethene	0.51	U	ug/Kg	0.51	8260B	05/05/2010 1555	05/05/2010 1555	1.0
trans-1,2-Dichloroethene	0.54	U	ug/Kg	0.54	8260B	05/05/2010 1555	05/05/2010 1555	1.0
GC/MS SEMI VOA								
1,4-Dichlorobenzene	0.00062	U	mg/L	0.00062	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
2,4-Dinitrotoluene	0.00080	U	mg/L	0.00080	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
2,4,5-Trichlorophenol	0.00056	U	mg/L	0.00056	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
2,4,6-Trichlorophenol	0.00074	U	mg/L	0.00074	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
2-Methylphenol	0.00048	U	mg/L	0.00048	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
Hexachlorobenzene	0.00066	U	mg/L	0.00066	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
Hexachlorobutadiene	0.00040	U	mg/L	0.00040	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
Hexachloroethane	0.00074	U	mg/L	0.00074	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
Nitrobenzene	0.00056	U	mg/L	0.00056	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
Pentachlorophenol	0.00062	U	mg/L	0.00062	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
Pyridine	0.0077	U	mg/L	0.0077	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
4-Methylphenol	0.00058	U	mg/L	0.00058	8270CTCLP	05/07/2010 1057	05/10/2010 1426	1.0
Phenol	240	U	ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1944	10
Bis(2-chloroethyl)ether	190	U	ug/Kg	190	8270C	05/05/2010 1152	05/07/2010 1944	10
2-Chlorophenol	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1944	10
1,3-Dichlorobenzene	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1944	10
1,4-Dichlorobenzene	220	U	ug/Kg	220	8270C	05/05/2010 1152	05/07/2010 1944	10
Benzyl alcohol	350	U	ug/Kg	350	8270C	05/05/2010 1152	05/07/2010 1944	10
1,2-Dichlorobenzene	220	U	ug/Kg	220	8270C	05/05/2010 1152	05/07/2010 1944	10
2,2'-oxybis[1-chloropropane]	190	U	ug/Kg	190	8270C	05/05/2010 1152	05/07/2010 1944	10
2-Methylphenol	220	U	ug/Kg	220	8270C	05/05/2010 1152	05/07/2010 1944	10
Hexachloroethane	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1944	10
N-Nitrosodi-n-propylamine	250	U	ug/Kg	250	8270C	05/05/2010 1152	05/07/2010 1944	10
4-Methylphenol	240	U	ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1944	10

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-7
Client Matrix: Solid
Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845
% Moisture: 27.4

Client Sample ID: CE-Stockpile-69-1

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Nitrobenzene	240	U	ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1944	10
Isophorone	200	U	ug/Kg	200	8270C	05/05/2010 1152	05/07/2010 1944	10
2-Nitrophenol	230	U	ug/Kg	230	8270C	05/05/2010 1152	05/07/2010 1944	10
2,4-Dimethylphenol	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1944	10
Bis(2-chloroethoxy)methane	170	U	ug/Kg	170	8270C	05/05/2010 1152	05/07/2010 1944	10
2,4-Dichlorophenol	200	U	ug/Kg	200	8270C	05/05/2010 1152	05/07/2010 1944	10
1,2,4-Trichlorobenzene	1500	J	ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1944	10
Naphthalene	2600	J	ug/Kg	190	8270C	05/05/2010 1152	05/07/2010 1944	10
4-Chloroaniline	600	U	ug/Kg	600	8270C	05/05/2010 1152	05/07/2010 1944	10
Hexachlorobutadiene	280	U	ug/Kg	280	8270C	05/05/2010 1152	05/07/2010 1944	10
4-Chloro-3-methylphenol	150	U	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 1944	10
2-Methylnaphthalene	2300	J	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1944	10
Hexachlorocyclopentadiene	1700	U	ug/Kg	1700	8270C	05/05/2010 1152	05/07/2010 1944	10
2,4,6-Trichlorophenol	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1944	10
2,4,5-Trichlorophenol	190	U	ug/Kg	190	8270C	05/05/2010 1152	05/07/2010 1944	10
2-Chloronaphthalene	160	U	ug/Kg	160	8270C	05/05/2010 1152	05/07/2010 1944	10
2-Nitroaniline	220	U	ug/Kg	220	8270C	05/05/2010 1152	05/07/2010 1944	10
Acenaphthylene	1400	J	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1944	10
Dimethyl phthalate	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1944	10
2,6-Dinitrotoluene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 1944	10
Acenaphthene	220	U	ug/Kg	220	8270C	05/05/2010 1152	05/07/2010 1944	10
3-Nitroaniline	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 1944	10
2,4-Dinitrophenol	1100	U	ug/Kg	1100	8270C	05/05/2010 1152	05/07/2010 1944	10
Dibenzofuran	2800	J	ug/Kg	260	8270C	05/05/2010 1152	05/07/2010 1944	10
2,4-Dinitrotoluene	290	U	ug/Kg	290	8270C	05/05/2010 1152	05/07/2010 1944	10
4-Nitrophenol	280	U	ug/Kg	280	8270C	05/05/2010 1152	05/07/2010 1944	10
Fluorene	1400	J	ug/Kg	220	8270C	05/05/2010 1152	05/07/2010 1944	10
4-Chlorophenyl phenyl ether	270	U	ug/Kg	270	8270C	05/05/2010 1152	05/07/2010 1944	10
Diethyl phthalate	370	U	ug/Kg	370	8270C	05/05/2010 1152	05/07/2010 1944	10
4-Nitroaniline	280	U	ug/Kg	280	8270C	05/05/2010 1152	05/07/2010 1944	10

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-7
Client Matrix: Solid
Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845
% Moisture: 27.4

Client Sample ID: CE-Stockpile-69-1

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
4,6-Dinitro-2-methylphenol	1600	U	ug/Kg	1600	8270C	05/05/2010 1152	05/07/2010 1944	10
N-Nitrosodiphenylamine	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1944	10
4-Bromophenyl phenyl ether	240	U	ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1944	10
Hexachlorobenzene	260	U	ug/Kg	260	8270C	05/05/2010 1152	05/07/2010 1944	10
Pentachlorophenol	2200	U	ug/Kg	2200	8270C	05/05/2010 1152	05/07/2010 1944	10
Phenanthrene	8400		ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1944	10
Carbazole	2900	J	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1944	10
Anthracene	4500		ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 1944	10
Di-n-butyl phthalate	4400		ug/Kg	540	8270C	05/05/2010 1152	05/07/2010 1944	10
Fluoranthene	19000		ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 1944	10
Pyrene	31000		ug/Kg	170	8270C	05/05/2010 1152	05/07/2010 1944	10
Butyl benzyl phthalate	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1944	10
3,3'-Dichlorobenzidine	760	U	ug/Kg	760	8270C	05/05/2010 1152	05/07/2010 1944	10
Benzo[a]anthracene	17000		ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 1944	10
Chrysene	16000		ug/Kg	270	8270C	05/05/2010 1152	05/07/2010 1944	10
Bis(2-ethylhexyl) phthalate	360	U	ug/Kg	360	8270C	05/05/2010 1152	05/07/2010 1944	10
Di-n-octyl phthalate	210	U	ug/Kg	210	8270C	05/05/2010 1152	05/07/2010 1944	10
Benzo[b]fluoranthene	18000		ug/Kg	99	8270C	05/05/2010 1152	05/07/2010 1944	10
Benzo[k]fluoranthene	7400		ug/Kg	330	8270C	05/05/2010 1152	05/07/2010 1944	10
Benzo[a]pyrene	16000		ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 1944	10
Indeno[1,2,3-cd]pyrene	19000		ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1944	10
Dibenz(a,h)anthracene	5800		ug/Kg	290	8270C	05/05/2010 1152	05/07/2010 1944	10
Benzo[g,h,i]perylene	15000		ug/Kg	240	8270C	05/05/2010 1152	05/07/2010 1944	10
GC SEMI VOA								
Diesel Range Organics (C10-C44)	210		mg/Kg	12	8015B	05/06/2010 1153	05/08/2010 1354	1.0
Chlordane (technical)	0.000085	U	mg/L	0.000085	8081ATCLP	05/07/2010 1058	05/12/2010 0011	1.0
Endrin	0.000027	U	mg/L	0.000027	8081ATCLP	05/07/2010 1058	05/12/2010 0011	1.0
Heptachlor	0.000012	U	mg/L	0.000012	8081ATCLP	05/07/2010 1058	05/12/2010 0011	1.0
Heptachlor epoxide	0.000011	U	mg/L	0.000011	8081ATCLP	05/07/2010 1058	05/12/2010 0011	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-7
Client Matrix: Solid
Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

Client Sample ID: CE-Stockpile-69-1

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC SEMI VOA								
gamma-BHC (Lindane)	0.000011	U	mg/L	0.000011	8081ATCLP	05/07/2010 1058	05/12/2010 0011	1.0
Methoxychlor	0.00016	U	mg/L	0.00016	8081ATCLP	05/07/2010 1058	05/12/2010 0011	1.0
Toxaphene	0.000080	U	mg/L	0.000080	8081ATCLP	05/07/2010 1058	05/12/2010 0011	1.0
PCB-1016	910	U	ug/Kg	910	8082	05/06/2010 0842	05/10/2010 1900	500
PCB-1221	910	U	ug/Kg	910	8082	05/06/2010 0842	05/10/2010 1900	500
PCB-1232	910	U	ug/Kg	910	8082	05/06/2010 0842	05/10/2010 1900	500
PCB-1242	910	U	ug/Kg	910	8082	05/06/2010 0842	05/10/2010 1900	500
PCB-1248	910	U	ug/Kg	910	8082	05/06/2010 0842	05/10/2010 1900	500
PCB-1254	990	U	ug/Kg	990	8082	05/06/2010 0842	05/10/2010 1900	500
PCB-1260	74000		ug/Kg	990	8082	05/06/2010 0842	05/10/2010 1900	500
2,4-D	0.050	U	mg/L	0.050	8151ATCLP	05/11/2010 1227	05/13/2010 0100	1.0
Silvex (2,4,5-TP)	0.050	U	mg/L	0.050	8151ATCLP	05/11/2010 1227	05/13/2010 0100	1.0
METALS								
Arsenic	0.020	U	mg/L	0.020	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Barium	0.45		mg/L	0.0012	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Cadmium	0.0060	J	mg/L	0.0050	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Chromium	0.0026	J	mg/L	0.0025	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Lead	0.40		mg/L	0.012	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Selenium	0.062	U	mg/L	0.062	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Silver	0.0012	U	mg/L	0.0012	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Copper	0.18		mg/L	0.0075	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Nickel	0.089		mg/L	0.0050	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Zinc	4.2		mg/L	0.025	6010BTCLP	05/07/2010 1106	05/10/2010 1325	1.0
Arsenic	14.5		mg/Kg	2.3	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Cadmium	0.77	J	mg/Kg	0.34	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Chromium	43.7		mg/Kg	0.17	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Lead	380		mg/Kg	1.1	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Selenium	4.2	U	mg/Kg	4.2	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Silver	0.78	J	mg/Kg	0.085	6010B	05/10/2010 1013	05/10/2010 1609	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-7
Client Matrix: Solid
Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845
% Moisture: 27.4

Client Sample ID: CE-Stockpile-69-1

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS								
Barium	79.7		mg/Kg	0.085	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Nickel	29.7		mg/Kg	0.34	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Copper	158		mg/Kg	0.64	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Zinc	339		mg/Kg	1.7	6010B	05/10/2010 1013	05/10/2010 1609	1.0
Mercury	0.0010	U	mg/L	0.0010	7470ATCLP	05/12/2010 1046	05/12/2010 1511	1.0
Mercury	0.92		mg/Kg	0.0053	7471A	05/11/2010 1053	05/12/2010 1344	1.0
GENERAL CHEMISTRY								
Ignitability	NO		mm/sec	2.2	1030		05/11/2010 1238	1.0
Burn Rate	2.2	U	mm/sec	2.2	1030		05/11/2010 1238	1.0
Cyanide, Reactive	0.50	U	mg/Kg	0.50	9012	05/06/2010 1520	05/10/2010 1118	1.0
Halogens, Extractable Organic	24.0	J	mg/Kg	13.8	9023		05/11/2010 1000	1.0
Sulfide, Reactive	20.0	U	mg/Kg	20.0	9034	05/06/2010 1445	05/10/2010 1137	1.0
Total Sulfur	12700		mg/Kg	236	9038	05/12/2010 0900	05/12/2010 1029	1.0
pH	7.38	HF	SU	0.100	9045C		05/10/2010 1203	1.0
Percent Moisture	27.4		%	0.10	Moisture		05/05/2010 1543	1.0
Percent Solids	72.6		%	0.10	Moisture		05/05/2010 1543	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-8
Client Matrix: Solid
Date Sampled: 05/03/2010 0905
Date Received: 05/04/2010 1845
% Moisture: 16.2

Client Sample ID: CE-Stockpile-68H

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	21	U	ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Bis(2-chloroethyl)ether	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2-Chlorophenol	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
1,3-Dichlorobenzene	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2012	1.0
1,4-Dichlorobenzene	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Benzyl alcohol	29	U	ug/Kg	29	8270C	05/05/2010 1152	05/07/2010 2012	1.0
1,2-Dichlorobenzene	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,2'-oxybis[1-chloropropane]	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2-Methylphenol	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Hexachloroethane	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
N-Nitrosodi-n-propylamine	21	U	ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4-Methylphenol	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Nitrobenzene	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Isophorone	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2-Nitrophenol	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,4-Dimethylphenol	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Bis(2-chloroethoxy)methane	14	U	ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,4-Dichlorophenol	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2012	1.0
1,2,4-Trichlorobenzene	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Naphthalene	230	J	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4-Chloroaniline	51	U	ug/Kg	51	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Hexachlorobutadiene	24	U	ug/Kg	24	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4-Chloro-3-methylphenol	13	U	ug/Kg	13	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2-Methylnaphthalene	200	J	ug/Kg	8.9	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Hexachlorocyclopentadiene	150	U	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,4,6-Trichlorophenol	8.5	U	ug/Kg	8.5	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,4,5-Trichlorophenol	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2-Chloronaphthalene	13	U	ug/Kg	13	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2-Nitroaniline	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Acenaphthylene	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2012	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-8
Client Matrix: Solid
Date Sampled: 05/03/2010 0905
Date Received: 05/04/2010 1845
% Moisture: 16.2

Client Sample ID: CE-Stockpile-68H

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,6-Dinitrotoluene	9.1	U	ug/Kg	9.1	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Acenaphthene	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
3-Nitroaniline	9.9	U	ug/Kg	9.9	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,4-Dinitrophenol	93	U	ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Dibenzofuran	260	J	ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 2012	1.0
2,4-Dinitrotoluene	25	U	ug/Kg	25	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4-Nitrophenol	24	U	ug/Kg	24	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Fluorene	150	J	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4-Chlorophenyl phenyl ether	23	U	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Diethyl phthalate	31	U	ug/Kg	31	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4-Nitroaniline	24	U	ug/Kg	24	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4,6-Dinitro-2-methylphenol	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 2012	1.0
N-Nitrosodiphenylamine	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
4-Bromophenyl phenyl ether	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Hexachlorobenzene	22	U	ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Pentachlorophenol	190	U	ug/Kg	190	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Phenanthrene	880		ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Carbazole	270	J	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Anthracene	390		ug/Kg	12	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Di-n-butyl phthalate	370		ug/Kg	45	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Fluoranthene	1100		ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Pyrene	1800		ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Butyl benzyl phthalate	170	J	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2012	1.0
3,3'-Dichlorobenzidine	64	U	ug/Kg	64	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Benzo[a]anthracene	840		ug/Kg	11	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Chrysene	800		ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Bis(2-ethylhexyl) phthalate	280	J	ug/Kg	30	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Di-n-octyl phthalate	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Benzo[b]fluoranthene	890		ug/Kg	8.3	8270C	05/05/2010 1152	05/07/2010 2012	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-8
Client Matrix: Solid
Date Sampled: 05/03/2010 0905
Date Received: 05/04/2010 1845
% Moisture: 16.2

Client Sample ID: CE-Stockpile-68H

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA							
Benzo[k]fluoranthene	310	ug/Kg	28	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Benzo[a]pyrene	760	ug/Kg	8.4	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Indeno[1,2,3-cd]pyrene	1000	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Dibenz(a,h)anthracene	410	ug/Kg	24	8270C	05/05/2010 1152	05/07/2010 2012	1.0
Benzo[g,h,i]perylene	790	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2012	1.0
GC SEMI VOA							
Diesel Range Organics (C10-C44)	180	mg/Kg	10	8015B	05/06/2010 1153	05/08/2010 1409	1.0
GENERAL CHEMISTRY							
Percent Moisture	16.2	%	0.10	Moisture		05/05/2010 1543	1.0
Percent Solids	83.8	%	0.10	Moisture		05/05/2010 1543	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-9
Client Matrix: Solid
Date Sampled: 05/03/2010 0908
Date Received: 05/04/2010 1845
% Moisture: 9.7

Client Sample ID: CE-Stockpile-68I

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Bis(2-chloroethyl)ether	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2-Chlorophenol	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
1,3-Dichlorobenzene	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2041	1.0
1,4-Dichlorobenzene	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Benzyl alcohol	28	U	ug/Kg	28	8270C	05/05/2010 1152	05/07/2010 2041	1.0
1,2-Dichlorobenzene	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,2'-oxybis[1-chloropropane]	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2-Methylphenol	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Hexachloroethane	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
N-Nitrosodi-n-propylamine	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4-Methylphenol	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Nitrobenzene	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Isophorone	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2-Nitrophenol	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,4-Dimethylphenol	14	U	ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Bis(2-chloroethoxy)methane	13	U	ug/Kg	13	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,4-Dichlorophenol	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2041	1.0
1,2,4-Trichlorobenzene	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Naphthalene	250	J	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4-Chloroaniline	47	U	ug/Kg	47	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Hexachlorobutadiene	22	U	ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4-Chloro-3-methylphenol	12	U	ug/Kg	12	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2-Methylnaphthalene	200	J	ug/Kg	8.3	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Hexachlorocyclopentadiene	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,4,6-Trichlorophenol	8.0	U	ug/Kg	8.0	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,4,5-Trichlorophenol	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2-Chloronaphthalene	12	U	ug/Kg	12	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2-Nitroaniline	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Acenaphthylene	14	U	ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2041	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-9
Client Matrix: Solid
Date Sampled: 05/03/2010 0908
Date Received: 05/04/2010 1845
% Moisture: 9.7

Client Sample ID: CE-Stockpile-68I

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,6-Dinitrotoluene	8.5	U	ug/Kg	8.5	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Acenaphthene	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
3-Nitroaniline	9.3	U	ug/Kg	9.3	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,4-Dinitrophenol	87	U	ug/Kg	87	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Dibenzofuran	250	J	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2041	1.0
2,4-Dinitrotoluene	23	U	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4-Nitrophenol	22	U	ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Fluorene	130	J	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4-Chlorophenyl phenyl ether	21	U	ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Diethyl phthalate	29	U	ug/Kg	29	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4-Nitroaniline	22	U	ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4,6-Dinitro-2-methylphenol	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 2041	1.0
N-Nitrosodiphenylamine	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2041	1.0
4-Bromophenyl phenyl ether	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Hexachlorobenzene	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Pentachlorophenol	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Phenanthrene	800		ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Carbazole	240	J	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Anthracene	370		ug/Kg	11	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Di-n-butyl phthalate	350		ug/Kg	42	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Fluoranthene	980		ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Pyrene	2200		ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Butyl benzyl phthalate	35	J	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2041	1.0
3,3'-Dichlorobenzidine	60	U	ug/Kg	60	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Benzo[a]anthracene	950		ug/Kg	10	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Chrysene	960		ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Bis(2-ethylhexyl) phthalate	190	J	ug/Kg	28	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Di-n-octyl phthalate	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Benzo[b]fluoranthene	950		ug/Kg	7.8	8270C	05/05/2010 1152	05/07/2010 2041	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-9
Client Matrix: Solid
Date Sampled: 05/03/2010 0908
Date Received: 05/04/2010 1845
% Moisture: 9.7

Client Sample ID: CE-Stockpile-68I

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA							
Benzo[k]fluoranthene	360	ug/Kg	26	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Benzo[a]pyrene	880	ug/Kg	7.9	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Indeno[1,2,3-cd]pyrene	970	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Dibenz(a,h)anthracene	400	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 2041	1.0
Benzo[g,h,i]perylene	810	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2041	1.0
GC SEMI VOA							
Diesel Range Organics (C10-C44)	240	mg/Kg	9.6	8015B	05/06/2010 1153	05/08/2010 1424	1.0
GENERAL CHEMISTRY							
Percent Moisture	9.7	%	0.10	Moisture		05/05/2010 1543	1.0
Percent Solids	90.3	%	0.10	Moisture		05/05/2010 1543	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-10
Client Matrix: Solid
Date Sampled: 05/03/2010 0911
Date Received: 05/04/2010 1845
% Moisture: 12.2

Client Sample ID: CE-Stockpile-68J

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	34	J	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Bis(2-chloroethyl)ether	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2-Chlorophenol	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2109	1.0
1,3-Dichlorobenzene	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2109	1.0
1,4-Dichlorobenzene	30	J	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Benzyl alcohol	28	U	ug/Kg	28	8270C	05/05/2010 1152	05/07/2010 2109	1.0
1,2-Dichlorobenzene	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,2'-oxybis[1-chloropropane]	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2-Methylphenol	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Hexachloroethane	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2109	1.0
N-Nitrosodi-n-propylamine	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4-Methylphenol	20	U	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Nitrobenzene	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Isophorone	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2-Nitrophenol	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,4-Dimethylphenol	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Bis(2-chloroethoxy)methane	14	U	ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,4-Dichlorophenol	16	U	ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2109	1.0
1,2,4-Trichlorobenzene	37	J	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Naphthalene	300		ug/Kg	16	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4-Chloroaniline	49	U	ug/Kg	49	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Hexachlorobutadiene	23	U	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4-Chloro-3-methylphenol	12	U	ug/Kg	12	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2-Methylnaphthalene	230	J	ug/Kg	8.6	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Hexachlorocyclopentadiene	140	U	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,4,6-Trichlorophenol	8.3	U	ug/Kg	8.3	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,4,5-Trichlorophenol	15	U	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2-Chloronaphthalene	13	U	ug/Kg	13	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2-Nitroaniline	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Acenaphthylene	16	J	ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2109	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-10
Client Matrix: Solid
Date Sampled: 05/03/2010 0911
Date Received: 05/04/2010 1845
% Moisture: 12.2

Client Sample ID: CE-Stockpile-68J

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,6-Dinitrotoluene	8.8	U	ug/Kg	8.8	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Acenaphthene	18	U	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2109	1.0
3-Nitroaniline	9.6	U	ug/Kg	9.6	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,4-Dinitrophenol	90	U	ug/Kg	90	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Dibenzofuran	290	J	ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 2109	1.0
2,4-Dinitrotoluene	24	U	ug/Kg	24	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4-Nitrophenol	23	U	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Fluorene	220	J	ug/Kg	18	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4-Chlorophenyl phenyl ether	22	U	ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Diethyl phthalate	30	U	ug/Kg	30	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4-Nitroaniline	23	U	ug/Kg	23	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4,6-Dinitro-2-methylphenol	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 2109	1.0
N-Nitrosodiphenylamine	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2109	1.0
4-Bromophenyl phenyl ether	19	U	ug/Kg	19	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Hexachlorobenzene	21	U	ug/Kg	21	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Pentachlorophenol	180	U	ug/Kg	180	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Phenanthrene	1600		ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Carbazole	290	J	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Anthracene	470		ug/Kg	12	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Di-n-butyl phthalate	360		ug/Kg	44	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Fluoranthene	1600		ug/Kg	15	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Pyrene	3200		ug/Kg	14	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Butyl benzyl phthalate	69	J	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2109	1.0
3,3'-Dichlorobenzidine	62	U	ug/Kg	62	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Benzo[a]anthracene	1500		ug/Kg	11	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Chrysene	1500		ug/Kg	22	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Bis(2-ethylhexyl) phthalate	3200		ug/Kg	29	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Di-n-octyl phthalate	17	U	ug/Kg	17	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Benzo[b]fluoranthene	1500		ug/Kg	8.0	8270C	05/05/2010 1152	05/07/2010 2109	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-10
Client Matrix: Solid
Date Sampled: 05/03/2010 0911
Date Received: 05/04/2010 1845
% Moisture: 12.2

Client Sample ID: CE-Stockpile-68J

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA							
Benzo[k]fluoranthene	570	ug/Kg	27	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Benzo[a]pyrene	1300	ug/Kg	8.1	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Indeno[1,2,3-cd]pyrene	1500	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Dibenz(a,h)anthracene	570	ug/Kg	24	8270C	05/05/2010 1152	05/07/2010 2109	1.0
Benzo[g,h,i]perylene	1200	ug/Kg	20	8270C	05/05/2010 1152	05/07/2010 2109	1.0
GC SEMI VOA							
Diesel Range Organics (C10-C44)	690	mg/Kg	20	8015B	05/06/2010 1153	05/11/2010 0159	2.0
GENERAL CHEMISTRY							
Percent Moisture	12.2	%	0.10	Moisture		05/05/2010 1543	1.0
Percent Solids	87.8	%	0.10	Moisture		05/05/2010 1543	1.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-11
Client Matrix: Solid
Date Sampled: 05/03/2010 0915
Date Received: 05/04/2010 1845
% Moisture: 14.4

Client Sample ID: CE-Stockpile-68K

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Phenol	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Bis(2-chloroethyl)ether	82	U	ug/Kg	82	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2-Chlorophenol	91	U	ug/Kg	91	8270C	05/05/2010 1152	05/07/2010 2138	5.0
1,3-Dichlorobenzene	79	U	ug/Kg	79	8270C	05/05/2010 1152	05/07/2010 2138	5.0
1,4-Dichlorobenzene	93	U	ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Benzyl alcohol	150	U	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 2138	5.0
1,2-Dichlorobenzene	93	U	ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,2'-oxybis[1-chloropropane]	82	U	ug/Kg	82	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2-Methylphenol	94	U	ug/Kg	94	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Hexachloroethane	90	U	ug/Kg	90	8270C	05/05/2010 1152	05/07/2010 2138	5.0
N-Nitrosodi-n-propylamine	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4-Methylphenol	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Nitrobenzene	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Isophorone	87	U	ug/Kg	87	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2-Nitrophenol	99	U	ug/Kg	99	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,4-Dimethylphenol	76	U	ug/Kg	76	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Bis(2-chloroethoxy)methane	73	U	ug/Kg	73	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,4-Dichlorophenol	84	U	ug/Kg	84	8270C	05/05/2010 1152	05/07/2010 2138	5.0
1,2,4-Trichlorobenzene	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Naphthalene	1100	J	ug/Kg	82	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4-Chloroaniline	260	U	ug/Kg	260	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Hexachlorobutadiene	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4-Chloro-3-methylphenol	65	U	ug/Kg	65	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2-Methylnaphthalene	1000	J	ug/Kg	45	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Hexachlorocyclopentadiene	740	U	ug/Kg	740	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,4,6-Trichlorophenol	43	U	ug/Kg	43	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,4,5-Trichlorophenol	79	U	ug/Kg	79	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2-Chloronaphthalene	67	U	ug/Kg	67	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2-Nitroaniline	96	U	ug/Kg	96	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Acenaphthylene	77	U	ug/Kg	77	8270C	05/05/2010 1152	05/07/2010 2138	5.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-11
Client Matrix: Solid
Date Sampled: 05/03/2010 0915
Date Received: 05/04/2010 1845
% Moisture: 14.4

Client Sample ID: CE-Stockpile-68K

	Result/Qualifier		Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA								
Dimethyl phthalate	90	U	ug/Kg	90	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,6-Dinitrotoluene	46	U	ug/Kg	46	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Acenaphthene	93	U	ug/Kg	93	8270C	05/05/2010 1152	05/07/2010 2138	5.0
3-Nitroaniline	50	U	ug/Kg	50	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,4-Dinitrophenol	470	U	ug/Kg	470	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Dibenzofuran	1400	J	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 2138	5.0
2,4-Dinitrotoluene	130	U	ug/Kg	130	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4-Nitrophenol	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Fluorene	1300	J	ug/Kg	94	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4-Chlorophenyl phenyl ether	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Diethyl phthalate	160	U	ug/Kg	160	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4-Nitroaniline	120	U	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4,6-Dinitro-2-methylphenol	680	U	ug/Kg	680	8270C	05/05/2010 1152	05/07/2010 2138	5.0
N-Nitrosodiphenylamine	89	U	ug/Kg	89	8270C	05/05/2010 1152	05/07/2010 2138	5.0
4-Bromophenyl phenyl ether	100	U	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Hexachlorobenzene	110	U	ug/Kg	110	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Pentachlorophenol	960	U	ug/Kg	960	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Phenanthrene	8400		ug/Kg	77	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Carbazole	1300	J	ug/Kg	87	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Anthracene	2400		ug/Kg	61	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Di-n-butyl phthalate	1900		ug/Kg	230	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Fluoranthene	6500		ug/Kg	78	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Pyrene	13000		ug/Kg	74	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Butyl benzyl phthalate	110	J	ug/Kg	88	8270C	05/05/2010 1152	05/07/2010 2138	5.0
3,3'-Dichlorobenzidine	320	U	ug/Kg	320	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Benzo[a]anthracene	7400		ug/Kg	56	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Chrysene	6600		ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Bis(2-ethylhexyl) phthalate	270	J	ug/Kg	150	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Di-n-octyl phthalate	89	U	ug/Kg	89	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Benzo[b]fluoranthene	6700		ug/Kg	42	8270C	05/05/2010 1152	05/07/2010 2138	5.0

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Job Number: 220-12119-1
Lab Sample Id: 220-12119-11
Client Matrix: Solid
Date Sampled: 05/03/2010 0915
Date Received: 05/04/2010 1845
% Moisture: 14.4

Client Sample ID: CE-Stockpile-68K

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GC/MS SEMI VOA							
Benzo[k]fluoranthene	2700	ug/Kg	140	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Benzo[a]pyrene	6200	ug/Kg	43	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Indeno[1,2,3-cd]pyrene	6300	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Dibenz(a,h)anthracene	2400	ug/Kg	120	8270C	05/05/2010 1152	05/07/2010 2138	5.0
Benzo[g,h,i]perylene	4400	ug/Kg	100	8270C	05/05/2010 1152	05/07/2010 2138	5.0
GENERAL CHEMISTRY							
Percent Moisture	14.4	%	0.10	Moisture		05/05/2010 1544	1.0
Percent Solids	85.6	%	0.10	Moisture		05/05/2010 1544	1.0

DATA REPORTING QUALIFIERS

Client: AKRF Inc Job Number: 220-12119-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	The analyte was found in an associated blank, as well as in the sample.
	J	Indicates an estimated value.
	U	Analyzed for but not detected.
GC/MS Semi VOA		
	*	Surrogate exceeds the control limit
	J	Indicates an estimated value.
	U	Analyzed for but not detected.
GC Semi VOA		
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
	U	Analyzed for but not detected.
Metals		
	J	Sample result is greater than the MDL but below the CRDL
	U	Indicates analyzed for but not detected.
General Chemistry		
	HF	Field parameter with a holding time of 15 minutes
	J	Sample result is greater than the MDL but below the CRDL
	U	Indicates analyzed for but not detected.

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

12119

TAL-0015 (1007)

Client	Project Manager	Date	Chain of Custody Number
Kate Brownes - AKRF	Kate Brownes	5.4.10	012039

Address	Telephone Number (Area Code)/Fax Number/e-mail address	Field Telephone Number	Page 1 of 2
440 Park Ave. S 7th Floor	646-388-9825		

City	State	Zip Code	Site Contact	Lab Contact
New York	NY	10016	Liz Baird	Erin Hoxsie

Project Name and Location (State): CE Flushing, NY

Sample Disposal: ☒ Disposal By Lab ☐ Return To Client ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Contract/Purchase Order/Project No.: 30141-0116

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Solid	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Other	Analysis (Attach list if more space is needed): TPH expanded to C44	Total SVOCs	Total VOCs	TAL Metals + Cu Ni + Zn	Total Metals + Cu Ni + Zn	Hexavalent Chromium	Ignitability + Corrosivity	Reactivity (Sulfur + Cyanide)	PCBs	Total Sulfur	TCLP SVOCs + Herbicides + Pesticides	Comments
CE-Stockpile-69A	5.3.10	0926		X		1							X	X	X									Limited volume, no 2oz for TCLP VOC. (EB) 5/5/10
CE-Stockpile-69B		0928		X		1							X	X										
CE-Stockpile-69C		0931		X		1							X	X										Label ID reads: CE-Stockpile-68C (EB) 5/5/10
CE-Stockpile-69D		0935		X		1							X	X										
CE-Stockpile-69E	5.4.10	1146		X		1							X	X										
CE-Stockpile-69F	5.4.10	1148		X		1							X	X										
CE-Stockpile-69-1	5.3.10			X		4									3	X	X	X	X	X	X			* no TCLP VOCs
																								#7, Time on labels read: 0947 (EB) 5/5/10

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☒ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____

State Regulatory QC Requirements: Cat. A. Reliverable

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	5.4.10	1305	[signature]	5/4/10	1305
2. Relinquished By	Date	Time	2. Received By	Date	Time
[signature]	5/4/10	1845	[signature]	5/4/10	1845
3. Received By	Date	Time	Cooler Temps	Passed Rad. Screen (Lab Use Only)	
			2.3 c/pdes #1	☒ Yes ☐ No	

Comments

Full Analyte List: TPH expanded to C44; Total SVOCs; Total VOCs; TAL; Total + TCLP RCRA Metals + Cu Ni + Zn; Ignitability + Corrosivity; Reactivity (Sulfur + Cyanide); PCBs; Total Sulfur; TCLP SVOCs, Herbicides, + Pesticides.

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

05/14/2010

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

12119

05/14/2010

TAL-0015 (1007)

Client	Project Manager	Date	Chain of Custody Number
AKRF, Inc.	~~[redacted]~~ Kate Burmiss	5-3-10	012034
Address	**Telephone Number (Area Code)/Fax Number/e-mail address**	**Field Telephone Number**	**Page 2 of 2**
440 Park Ave. S, 7th Floor	646-388-9525	917-613-5977	
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
NY / NY / 10016	Liz Baird	Erin Hayate	
Project Name and Location (State)	**Sample Disposal** ☒ Disposal By Lab ☐ Return To Client ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)		
CE Flushing, NY			
Contract/Purchase Order/Project No.			
30141-0116			

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Solid	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis: TCL SVOCs	TPH-DRO	Comments
(8) CE-Stockpile-68H	5-3-10	0905		X			1						X	X	
(9) CE-Stockpile-68I	5-3-10	0908		X			1						X	X	
(10) CE-Stockpile-68J	5-3-10	0911		X			1						X	X	
(11) CE-Stockpile-68K	5-3-10	0915		X			1						X		

Page 45 of 45

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☒ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____

State Regulatory QC Requirements
Cat. A deliverables

	Date	Time		Date	Time
1. Relinquished By	5-4-10	1305	1. Received By	5/4/10	1305
2. Relinquished By	5/4/10	1840	2. Received By	5/4/10	1840
3. Received By			Cooler Temps	2.3c page #1	

Passed Rad. Screen (Lab Use Only) ☒ Yes ☐ No

Comments

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-12119-1

Job Description: CE Flushing Industrial Park

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Cheryl Cascella
Data Review Analyst I
5/17/2010 2:32 PM

Designee for
Erin A Arasate
Project Manager I
erin.arasate@testamericainc.com
05/17/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
Report Narrative 3
Executive Summary 5
Method Summary 15
Method / Analyst Summary 17
Sample Summary 18
Sample Results 19
Sample Datasheets 20
Data Qualifiers 74
Client Chain of Custody 75
Sample Receipt Checklist 77
Interlab Coc (where applicable) 80

Job Narrative
220-12119-1

Comments
No additional comments.

Receipt
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): CE-Stockpile-69C (220-12119-3). The container label list CE-Stockpile-68C. The client was contacted and the laboratory was instructed to use the ID listed on the COC.

The following samples were recieved at the laboratory with no collection time documented on the Chain of CustodyCE-Stockpile-69-1 (220-12119-7). The sample collection time was taken form the sample bottle.

The following samples had volume split from the original container on 05/05/10 for subcontract analysis being provided by TestAmerica Edison for expanded DRO: CE-Stockpile-68H (220-12119-8), CE-Stockpile-68I (220-12119-9), CE-Stockpile-68J (220-12119-10), CE-Stockpile-69A (220-12119-1), CE-Stockpile-69B (220-12119-2), CE-Stockpile-69C (220-12119-3), CE-Stockpile-69D (220-12119-4), CE-Stockpile-69E (220-12119-5), CE-Stockpile-69F (220-12119-6). The client did not submit separate containers for these analyses.

A separate VOA container was not submitted by the client for the following TCLP VOA sample: CE-Stockpile-69A (220-12119-1). Volume for the TCLP VOA samples was split from the original container prior to laboratory usage for extraction of DRO and SVOA.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Internal standard (ISTD) response for the following sample was outside control limits: CE-Stockpile-68I (220-12119-9), CE-Stockpile-68J (220-12119-10), CE-Stockpile-68K (220-12119-11), CE-Stockpile-69D (220-12119-4), CE-Stockpile-69E (220-12119-5), CE-Stockpile-69F (220-12119-6). The sample was re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The matrix spike duplicate (MSD) recoveries for batch 36717was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8015B: The laboratory control sample (LCS) associated with batch 36883 was outside the lower acceptance criteria. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits; therefore, the data have been reported.

Method(s) 8082: Total PCB's=74,000ug/kg

Method(s) 515.1, 8151A: This method incorporates the use of second column confirmation. Corrective action for unacceptable percent recovery is not taken for surrogate or spike compounds unless the results from both columns are outside criteria. Any results which fall outside criteria are qualified and reported.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 9045C: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: CE-Stockpile-69-1 (220-12119-7)

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

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

Scott R. Hall May 17, 2010
Laboratory Director

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-1	**CE-STOCKPILE-69A**					
1,4-Dichlorobenzene		53	J	710	ug/Kg	8270C
1,2,4-Trichlorobenzene		580	J	710	ug/Kg	8270C
Naphthalene		650	J	710	ug/Kg	8270C
2-Methylnaphthalene		500	J	710	ug/Kg	8270C
Acenaphthylene		100	J	710	ug/Kg	8270C
Dibenzofuran		620	J	710	ug/Kg	8270C
Fluorene		400	J	710	ug/Kg	8270C
Phenanthrene		3300		710	ug/Kg	8270C
Carbazole		610	J	710	ug/Kg	8270C
Anthracene		1100		710	ug/Kg	8270C
Di-n-butyl phthalate		840		710	ug/Kg	8270C
Fluoranthene		6000		710	ug/Kg	8270C
Pyrene		7500		710	ug/Kg	8270C
Benzo[a]anthracene		4200		710	ug/Kg	8270C
Chrysene		4400		710	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		170	J	710	ug/Kg	8270C
Benzo[b]fluoranthene		5000		710	ug/Kg	8270C
Benzo[k]fluoranthene		1900		710	ug/Kg	8270C
Benzo[a]pyrene		3900		710	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		3900		710	ug/Kg	8270C
Dibenz(a,h)anthracene		1200		710	ug/Kg	8270C
Benzo[g,h,i]perylene		3300		710	ug/Kg	8270C
Diesel Range Organics (C10-C44)		180		12	mg/Kg	8015B
Percent Moisture		25.7		0.10	%	Moisture
Percent Solids		74.3		0.10	%	Moisture
TCLP						
Methyl Ethyl Ketone		0.0011	J B	0.010	mg/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-2	**CE-STOCKPILE-69B**					
1,2,4-Trichlorobenzene		2200		1700	ug/Kg	8270C
Naphthalene		1200	J	1700	ug/Kg	8270C
2-Methylnaphthalene		1100	J	1700	ug/Kg	8270C
Dibenzofuran		1300	J	1700	ug/Kg	8270C
Fluorene		630	J	1700	ug/Kg	8270C
Phenanthrene		5400		1700	ug/Kg	8270C
Carbazole		1400	J	1700	ug/Kg	8270C
Anthracene		2200		1700	ug/Kg	8270C
Di-n-butyl phthalate		2100		1700	ug/Kg	8270C
Fluoranthene		9200		1700	ug/Kg	8270C
Pyrene		10000		1700	ug/Kg	8270C
Benzo[a]anthracene		5700		1700	ug/Kg	8270C
Chrysene		5400		1700	ug/Kg	8270C
Benzo[b]fluoranthene		7000		1700	ug/Kg	8270C
Benzo[k]fluoranthene		2200		1700	ug/Kg	8270C
Benzo[a]pyrene		4900		1700	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		4900		1700	ug/Kg	8270C
Dibenz(a,h)anthracene		2000		1700	ug/Kg	8270C
Benzo[g,h,i]perylene		4200		1700	ug/Kg	8270C
Diesel Range Organics (C10-C44)		87		11	mg/Kg	8015B
Percent Moisture		23.0		0.10	%	Moisture
Percent Solids		77.0		0.10	%	Moisture
220-12119-3	**CE-STOCKPILE-69C**					
2-Methylnaphthalene		160	J	700	ug/Kg	8270C
Acenaphthene		530	J	700	ug/Kg	8270C
Dibenzofuran		360	J	700	ug/Kg	8270C
Fluorene		130	J	700	ug/Kg	8270C
Phenanthrene		4700		700	ug/Kg	8270C
Carbazole		520	J	700	ug/Kg	8270C
Anthracene		1500		700	ug/Kg	8270C
Fluoranthene		7200		700	ug/Kg	8270C
Pyrene		5400		700	ug/Kg	8270C
Benzo[a]anthracene		3400		700	ug/Kg	8270C
Chrysene		3300		700	ug/Kg	8270C
Benzo[b]fluoranthene		3700		700	ug/Kg	8270C
Benzo[k]fluoranthene		1400		700	ug/Kg	8270C
Benzo[a]pyrene		3300		700	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		3500		700	ug/Kg	8270C
Benzo[g,h,i]perylene		2700		700	ug/Kg	8270C
Diesel Range Organics (C10-C44)		93		11	mg/Kg	8015B
Percent Moisture		23.9		0.10	%	Moisture
Percent Solids		76.1		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-4	**CE-STOCKPILE-69D**					
1,2,4-Trichlorobenzene		1300	J	1900	ug/Kg	8270C
Naphthalene		1400	J	1900	ug/Kg	8270C
2-Methylnaphthalene		1200	J	1900	ug/Kg	8270C
Acenaphthylene		200	J	1900	ug/Kg	8270C
Acenaphthene		780	J	1900	ug/Kg	8270C
Dibenzofuran		1800	J	1900	ug/Kg	8270C
Fluorene		2000		1900	ug/Kg	8270C
Phenanthrene		19000		1900	ug/Kg	8270C
Carbazole		1800	J	1900	ug/Kg	8270C
Anthracene		4800		1900	ug/Kg	8270C
Di-n-butyl phthalate		2200		1900	ug/Kg	8270C
Fluoranthene		26000		1900	ug/Kg	8270C
Pyrene		30000		1900	ug/Kg	8270C
Benzo[a]anthracene		14000		1900	ug/Kg	8270C
Chrysene		13000		1900	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		200	J	1900	ug/Kg	8270C
Benzo[b]fluoranthene		15000		1900	ug/Kg	8270C
Benzo[k]fluoranthene		5400		1900	ug/Kg	8270C
Benzo[a]pyrene		12000		1900	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		15000		1900	ug/Kg	8270C
Dibenz(a,h)anthracene		4300		1900	ug/Kg	8270C
Benzo[g,h,i]perylene		12000		1900	ug/Kg	8270C
Diesel Range Organics (C10-C44)		200		12	mg/Kg	8015B
Percent Moisture		28.4		0.10	%	Moisture
Percent Solids		71.6		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-5	**CE-STOCKPILE-69E**					
1,2,4-Trichlorobenzene		130	J	780	ug/Kg	8270C
Naphthalene		670	J	780	ug/Kg	8270C
2-Methylnaphthalene		540	J	780	ug/Kg	8270C
Acenaphthylene		140	J	780	ug/Kg	8270C
Acenaphthene		89	J	780	ug/Kg	8270C
Dibenzofuran		680	J	780	ug/Kg	8270C
Fluorene		710	J	780	ug/Kg	8270C
Phenanthrene		5900		780	ug/Kg	8270C
Carbazole		720	J	780	ug/Kg	8270C
Anthracene		1600		780	ug/Kg	8270C
Di-n-butyl phthalate		930		780	ug/Kg	8270C
Fluoranthene		7900		780	ug/Kg	8270C
Pyrene		10000		780	ug/Kg	8270C
Benzo[a]anthracene		4500		780	ug/Kg	8270C
Chrysene		4200		780	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		95	J	780	ug/Kg	8270C
Benzo[b]fluoranthene		4500		780	ug/Kg	8270C
Benzo[k]fluoranthene		1700		780	ug/Kg	8270C
Benzo[a]pyrene		3800		780	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		4600		780	ug/Kg	8270C
Dibenz(a,h)anthracene		1500		780	ug/Kg	8270C
Benzo[g,h,i]perylene		3700		780	ug/Kg	8270C
Percent Moisture		31.3		0.10	%	Moisture
Percent Solids		68.7		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-6	**CE-STOCKPILE-69F**					
1,2,4-Trichlorobenzene		310	J	1900	ug/Kg	8270C
Naphthalene		1400	J	1900	ug/Kg	8270C
2-Methylnaphthalene		1200	J	1900	ug/Kg	8270C
Acenaphthylene		110	J	1900	ug/Kg	8270C
Dibenzofuran		1700	J	1900	ug/Kg	8270C
Fluorene		1600	J	1900	ug/Kg	8270C
Phenanthrene		13000		1900	ug/Kg	8270C
Carbazole		1600	J	1900	ug/Kg	8270C
Anthracene		3700		1900	ug/Kg	8270C
Di-n-butyl phthalate		2200		1900	ug/Kg	8270C
Fluoranthene		15000		1900	ug/Kg	8270C
Pyrene		19000		1900	ug/Kg	8270C
Benzo[a]anthracene		8000		1900	ug/Kg	8270C
Chrysene		7500		1900	ug/Kg	8270C
Benzo[b]fluoranthene		7800		1900	ug/Kg	8270C
Benzo[k]fluoranthene		3000		1900	ug/Kg	8270C
Benzo[a]pyrene		6500		1900	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		7600		1900	ug/Kg	8270C
Dibenz(a,h)anthracene		2500		1900	ug/Kg	8270C
Benzo[g,h,i]perylene		5700		1900	ug/Kg	8270C
Diesel Range Organics (C10-C44)		27	*	15	mg/Kg	8015B
Percent Moisture		43.2		0.10	%	Moisture
Percent Solids		56.8		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-7	**CE-STOCKPILE-69-1**					
Acetone		10	J B	28	ug/Kg	8260B
Carbon disulfide		1.5	J	6.9	ug/Kg	8260B
Methylene Chloride		3.3	J B	28	ug/Kg	8260B
1,2,4-Trichlorobenzene		1500	J	3700	ug/Kg	8270C
Naphthalene		2600	J	3700	ug/Kg	8270C
2-Methylnaphthalene		2300	J	3700	ug/Kg	8270C
Acenaphthylene		1400	J	3700	ug/Kg	8270C
Dibenzofuran		2800	J	3700	ug/Kg	8270C
Fluorene		1400	J	3700	ug/Kg	8270C
Phenanthrene		8400		3700	ug/Kg	8270C
Carbazole		2900	J	3700	ug/Kg	8270C
Anthracene		4500		3700	ug/Kg	8270C
Di-n-butyl phthalate		4400		3700	ug/Kg	8270C
Fluoranthene		19000		3700	ug/Kg	8270C
Pyrene		31000		3700	ug/Kg	8270C
Benzo[a]anthracene		17000		3700	ug/Kg	8270C
Chrysene		16000		3700	ug/Kg	8270C
Benzo[b]fluoranthene		18000		3700	ug/Kg	8270C
Benzo[k]fluoranthene		7400		3700	ug/Kg	8270C
Benzo[a]pyrene		16000		3700	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		19000		3700	ug/Kg	8270C
Dibenz(a,h)anthracene		5800		3700	ug/Kg	8270C
Benzo[g,h,i]perylene		15000		3700	ug/Kg	8270C
Diesel Range Organics (C10-C44)		210		12	mg/Kg	8015B
PCB-1260		74000		12000	ug/Kg	8082
Arsenic		14.5		7.1	mg/Kg	6010B
Cadmium		0.77	J	1.7	mg/Kg	6010B
Chromium		43.7		1.7	mg/Kg	6010B
Lead		380		5.1	mg/Kg	6010B
Silver		0.78	J	1.7	mg/Kg	6010B
Barium		79.7		1.7	mg/Kg	6010B
Nickel		29.7		1.7	mg/Kg	6010B
Copper		158		2.0	mg/Kg	6010B
Zinc		339		8.5	mg/Kg	6010B
Mercury		0.92		0.067	mg/Kg	7471A
Ignitability		NO		2.2	mm/sec	1030
Halogens, Extractable Organic		24.0	J	27.5	mg/Kg	9023
Total Sulfur		12700		236	mg/Kg	9038
pH		7.38	HF	0.100	SU	9045C
Percent Moisture		27.4		0.10	%	Moisture
Percent Solids		72.6		0.10	%	Moisture
TCLP						
Barium		0.45		0.025	mg/L	6010B
Cadmium		0.0060	J	0.025	mg/L	6010B
Chromium		0.0026	J	0.025	mg/L	6010B
Lead		0.40		0.075	mg/L	6010B
Copper		0.18		0.050	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
Nickel		0.089		0.025	mg/L	6010B
Zinc		4.2		0.12	mg/L	6010B
220-12119-8	**CE-STOCKPILE-68H**					
Naphthalene		230	J	310	ug/Kg	8270C
2-Methylnaphthalene		200	J	310	ug/Kg	8270C
Dibenzofuran		260	J	310	ug/Kg	8270C
Fluorene		150	J	310	ug/Kg	8270C
Phenanthrene		880		310	ug/Kg	8270C
Carbazole		270	J	310	ug/Kg	8270C
Anthracene		390		310	ug/Kg	8270C
Di-n-butyl phthalate		370		310	ug/Kg	8270C
Fluoranthene		1100		310	ug/Kg	8270C
Pyrene		1800		310	ug/Kg	8270C
Butyl benzyl phthalate		170	J	310	ug/Kg	8270C
Benzo[a]anthracene		840		310	ug/Kg	8270C
Chrysene		800		310	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		280	J	310	ug/Kg	8270C
Benzo[b]fluoranthene		890		310	ug/Kg	8270C
Benzo[k]fluoranthene		310		310	ug/Kg	8270C
Benzo[a]pyrene		760		310	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1000		310	ug/Kg	8270C
Dibenz(a,h)anthracene		410		310	ug/Kg	8270C
Benzo[g,h,i]perylene		790		310	ug/Kg	8270C
Diesel Range Organics (C10-C44)		180		10	mg/Kg	8015B
Percent Moisture		16.2		0.10	%	Moisture
Percent Solids		83.8		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-9	**CE-STOCKPILE-68I**					
Naphthalene		250	J	290	ug/Kg	8270C
2-Methylnaphthalene		200	J	290	ug/Kg	8270C
Dibenzofuran		250	J	290	ug/Kg	8270C
Fluorene		130	J	290	ug/Kg	8270C
Phenanthrene		800		290	ug/Kg	8270C
Carbazole		240	J	290	ug/Kg	8270C
Anthracene		370		290	ug/Kg	8270C
Di-n-butyl phthalate		350		290	ug/Kg	8270C
Fluoranthene		980		290	ug/Kg	8270C
Pyrene		2200		290	ug/Kg	8270C
Butyl benzyl phthalate		35	J	290	ug/Kg	8270C
Benzo[a]anthracene		950		290	ug/Kg	8270C
Chrysene		960		290	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		190	J	290	ug/Kg	8270C
Benzo[b]fluoranthene		950		290	ug/Kg	8270C
Benzo[k]fluoranthene		360		290	ug/Kg	8270C
Benzo[a]pyrene		880		290	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		970		290	ug/Kg	8270C
Dibenz(a,h)anthracene		400		290	ug/Kg	8270C
Benzo[g,h,i]perylene		810		290	ug/Kg	8270C
Diesel Range Organics (C10-C44)		240		9.6	mg/Kg	8015B
Percent Moisture		9.7		0.10	%	Moisture
Percent Solids		90.3		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-10	**CE-STOCKPILE-68J**					
Phenol		34	J	300	ug/Kg	8270C
1,4-Dichlorobenzene		30	J	300	ug/Kg	8270C
1,2,4-Trichlorobenzene		37	J	300	ug/Kg	8270C
Naphthalene		300		300	ug/Kg	8270C
2-Methylnaphthalene		230	J	300	ug/Kg	8270C
Acenaphthylene		16	J	300	ug/Kg	8270C
Dibenzofuran		290	J	300	ug/Kg	8270C
Fluorene		220	J	300	ug/Kg	8270C
Phenanthrene		1600		300	ug/Kg	8270C
Carbazole		290	J	300	ug/Kg	8270C
Anthracene		470		300	ug/Kg	8270C
Di-n-butyl phthalate		360		300	ug/Kg	8270C
Fluoranthene		1600		300	ug/Kg	8270C
Pyrene		3200		300	ug/Kg	8270C
Butyl benzyl phthalate		69	J	300	ug/Kg	8270C
Benzo[a]anthracene		1500		300	ug/Kg	8270C
Chrysene		1500		300	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		3200		300	ug/Kg	8270C
Benzo[b]fluoranthene		1500		300	ug/Kg	8270C
Benzo[k]fluoranthene		570		300	ug/Kg	8270C
Benzo[a]pyrene		1300		300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1500		300	ug/Kg	8270C
Dibenz(a,h)anthracene		570		300	ug/Kg	8270C
Benzo[g,h,i]perylene		1200		300	ug/Kg	8270C
Diesel Range Organics (C10-C44)		690		20	mg/Kg	8015B
Percent Moisture		12.2		0.10	%	Moisture
Percent Solids		87.8		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12119-11	**CE-STOCKPILE-68K**					
Naphthalene		1100	J	1600	ug/Kg	8270C
2-Methylnaphthalene		1000	J	1600	ug/Kg	8270C
Dibenzofuran		1400	J	1600	ug/Kg	8270C
Fluorene		1300	J	1600	ug/Kg	8270C
Phenanthrene		8400		1600	ug/Kg	8270C
Carbazole		1300	J	1600	ug/Kg	8270C
Anthracene		2400		1600	ug/Kg	8270C
Di-n-butyl phthalate		1900		1600	ug/Kg	8270C
Fluoranthene		6500		1600	ug/Kg	8270C
Pyrene		13000		1600	ug/Kg	8270C
Butyl benzyl phthalate		110	J	1600	ug/Kg	8270C
Benzo[a]anthracene		7400		1600	ug/Kg	8270C
Chrysene		6600		1600	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		270	J	1600	ug/Kg	8270C
Benzo[b]fluoranthene		6700		1600	ug/Kg	8270C
Benzo[k]fluoranthene		2700		1600	ug/Kg	8270C
Benzo[a]pyrene		6200		1600	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		6300		1600	ug/Kg	8270C
Dibenz(a,h)anthracene		2400		1600	ug/Kg	8270C
Benzo[g,h,i]perylene		4400		1600	ug/Kg	8270C
Percent Moisture		14.4		0.10	%	Moisture
Percent Solids		85.6		0.10	%	Moisture

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-12119-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
TCLP Extraction	TAL CT		SW846 1311
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
TCLP Extraction	TAL CT		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Automated Soxhlet Extraction	TAL CT		SW846 3541
Diesel Range Organics (DRO) (GC)	TAL EDI	SW846 8015B	
Microwave Extraction	TAL EDI		SW846 3546
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
TCLP Extraction	TAL CT		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
PCBs	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Herbicides (GC)	TAL SAV	SW846 8151A	
TCLP Extraction	TAL SAV		SW846 1311
Extraction (Herbicides)	TAL SAV		SW846 8151A
Metals (ICP)	TAL CT	SW846 6010B	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Total Metals	TAL CT		SW846 3010A
Preparation, Metals	TAL CT		SW846 3050B
Mercury (CVAA)	TAL CT	SW846 7470A	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Mercury	TAL CT		SW846 7470A
Mercury	TAL CT	SW846 7471A	
Preparation, Mercury	TAL CT		SW846 7471A
Ignitability, Solids	TAL EDI	SW846 1030	
Cyanide, Reactive	TAL CT	SW846 9012	
Cyanide, Reactive	TAL CT		SW846 7.3.3
Organic Halides, Extractable (EOX)	TAL SAV	SW846 9023	
Sulfide, Reactive	TAL CT	SW846 9034	
Sulfide, Reactive	TAL CT		SW846 7.3.4
Sulfur, Total	TAL SAV	SW846 9038	
Bomb Preparation Method for Solid Waste	TAL SAV		SW846 5050
pH	TAL CT	SW846 9045C	
Percent Solid	TAL CT	EPA Moisture	

METHOD SUMMARY

Client: AKRF Inc Job Number: 220-12119-1

Description	Lab Location	Method	Preparation Method

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-12119-1

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 8015B	Barsoum, Sara	SB
SW846 8015B	Patel, Hemex	HP
SW846 8081A	Szymczuk, Magdalena	MS
SW846 8082	Dini, Tracy	TD
SW846 8151A	Smith, Crystal	CAS
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Voytek, Joseph F	JFV
SW846 7471A	Voytek, Joseph F	JFV
SW846 1030	Cabanganan, Maria	MB
SW846 9012	Natoli, Richard A	RN
SW846 9023	Nelson, Christopher	CN
SW846 9034	Natoli, Richard A	RN
SW846 9038	Nelson, Christopher	CN
SW846 9045C	Mendoza, Julia	JM
EPA Moisture	Voytek, Joseph F	JFV

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-12119-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-12119-1	CE-Stockpile-69A	Solid	05/03/2010 0926	05/04/2010 1845
220-12119-2	CE-Stockpile-69B	Solid	05/03/2010 0928	05/04/2010 1845
220-12119-3	CE-Stockpile-69C	Solid	05/03/2010 0931	05/04/2010 1845
220-12119-4	CE-Stockpile-69D	Solid	05/03/2010 0935	05/04/2010 1845
220-12119-5	CE-Stockpile-69E	Solid	05/04/2010 1146	05/04/2010 1845
220-12119-6	CE-Stockpile-69F	Solid	05/04/2010 1148	05/04/2010 1845
220-12119-7	CE-Stockpile-69-1	Solid	05/03/2010 0947	05/04/2010 1845
220-12119-8	CE-Stockpile-68H	Solid	05/03/2010 0905	05/04/2010 1845
220-12119-9	CE-Stockpile-68I	Solid	05/03/2010 0908	05/04/2010 1845
220-12119-10	CE-Stockpile-68J	Solid	05/03/2010 0911	05/04/2010 1845
220-12119-11	CE-Stockpile-68K	Solid	05/03/2010 0915	05/04/2010 1845

SAMPLE RESULTS

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69A**

Lab Sample ID: 220-12119-1
Client Matrix: Solid

Date Sampled: 05/03/2010 0926
Date Received: 05/04/2010 1845

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 220-38258		Instrument ID:	MSV
Preparation:	5030B			Lab File ID:	V1933.D
Dilution:	1.0	Leachate Batch: 220-38206		Initial Weight/Volume:	5 mL
Date Analyzed:	05/07/2010 2043			Final Weight/Volume:	5 mL
Date Prepared:	05/07/2010 2043				
Date Leached:	05/06/2010 1026				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride		0.00098	U	0.00098	0.0050
1,1-Dichloroethene		0.00083	U	0.00083	0.0050
Methyl Ethyl Ketone		0.0011	J B	0.0011	0.010
Chloroform		0.00067	U	0.00067	0.0050
Carbon tetrachloride		0.0011	U	0.0011	0.0050
Benzene		0.00074	U	0.00074	0.0050
1,2-Dichloroethane		0.00072	U	0.00072	0.0050
Trichloroethene		0.00062	U	0.00062	0.0050
Tetrachloroethene		0.00081	U	0.00081	0.0050
Chlorobenzene		0.00072	U	0.00072	0.0050

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		65 - 136
4-Bromofluorobenzene	83		51 - 142
Dibromofluoromethane	92		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7 | Date Sampled: 05/03/2010 0947
Client Matrix: Solid | % Moisture: 27.4 | Date Received: 05/04/2010 1845

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-38200	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N7583.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	05/05/2010 1555		Final Weight/Volume: 5 mL
Date Prepared:	05/05/2010 1555		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		0.79	U	0.79	6.9
Bromodichloromethane		0.41	U	0.41	6.9
Bromoform		0.84	U	0.84	6.9
Bromomethane		2.9	U	2.9	6.9
Methyl Ethyl Ketone		2.2	U	2.2	14
Acetone		10	J B	3.1	28
Carbon disulfide		1.5	J	0.56	6.9
Carbon tetrachloride		1.3	U	1.3	6.9
Chlorobenzene		0.81	U	0.81	6.9
Chloroethane		1.3	U	1.3	6.9
Chloroform		0.47	U	0.47	6.9
Chloromethane		1.1	U	1.1	6.9
Dibromochloromethane		0.48	U	0.48	6.9
1,1-Dichloroethane		0.41	U	0.41	6.9
1,2-Dichloroethane		0.80	U	0.80	6.9
1,1-Dichloroethene		0.80	U	0.80	6.9
1,2-Dichloropropane		0.92	U	0.92	6.9
cis-1,3-Dichloropropene		0.77	U	0.77	6.9
trans-1,3-Dichloropropene		0.37	U	0.37	6.9
Ethylbenzene		0.96	U	0.96	6.9
2-Hexanone		1.7	U	1.7	14
Methylene Chloride		3.3	J B	1.5	28
methyl isobutyl ketone		0.76	U	0.76	6.9
Styrene		0.21	U	0.21	6.9
1,1,2,2-Tetrachloroethane		0.72	U	0.72	6.9
Tetrachloroethene		1.1	U	1.1	6.9
Toluene		0.10	U	0.10	6.9
1,1,1-Trichloroethane		0.73	U	0.73	6.9
1,1,2-Trichloroethane		0.51	U	0.51	6.9
Trichloroethene		1.1	U	1.1	6.9
Vinyl chloride		0.32	U	0.32	6.9
Xylenes, Total		0.67	U	0.67	6.9
cis-1,2-Dichloroethene		0.51	U	0.51	6.9
trans-1,2-Dichloroethene		0.54	U	0.54	6.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		59 - 132
4-Bromofluorobenzene	98		34 - 124
Dibromofluoromethane	91		59 - 123
Toluene-d8 (Surr)	85		50 - 118

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69A**

Lab Sample ID: 220-12119-1 | Date Sampled: 05/03/2010 0926
Client Matrix: Solid | % Moisture: 25.7 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10924.D
Dilution:	2.0			Initial Weight/Volume:	15.29 g
Date Analyzed:	05/07/2010 1654			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	710
Bis(2-chloroethyl)ether		37	U	37	710
2-Chlorophenol		41	U	41	710
1,3-Dichlorobenzene		36	U	36	710
1,4-Dichlorobenzene		53	J	42	710
Benzyl alcohol		67	U	67	710
1,2-Dichlorobenzene		42	U	42	710
2,2'-oxybis[1-chloropropane]		37	U	37	710
2-Methylphenol		43	U	43	710
Hexachloroethane		41	U	41	710
N-Nitrosodi-n-propylamine		48	U	48	710
4-Methylphenol		47	U	47	710
Nitrobenzene		45	U	45	710
Isophorone		39	U	39	710
2-Nitrophenol		45	U	45	710
2,4-Dimethylphenol		35	U	35	710
Bis(2-chloroethoxy)methane		33	U	33	710
2,4-Dichlorophenol		38	U	38	710
1,2,4-Trichlorobenzene		580	J	47	710
Naphthalene		650	J	37	710
4-Chloroaniline		120	U	120	710
Hexachlorobutadiene		55	U	55	710
4-Chloro-3-methylphenol		29	U	29	710
2-Methylnaphthalene		500	J	20	710
Hexachlorocyclopentadiene		340	U	340	1800
2,4,6-Trichlorophenol		20	U	20	710
2,4,5-Trichlorophenol		36	U	36	4500
2-Chloronaphthalene		30	U	30	710
2-Nitroaniline		43	U	43	1800
Acenaphthylene		100	J	35	710
Dimethyl phthalate		41	U	41	710
2,6-Dinitrotoluene		21	U	21	710
Acenaphthene		42	U	42	710
3-Nitroaniline		23	U	23	1800
2,4-Dinitrophenol		210	U	210	4500
Dibenzofuran		620	J	50	710
2,4-Dinitrotoluene		57	U	57	710
4-Nitrophenol		54	U	54	4500
Fluorene		400	J	43	710
4-Chlorophenyl phenyl ether		53	U	53	710
Diethyl phthalate		72	U	72	710
4-Nitroaniline		55	U	55	710
4,6-Dinitro-2-methylphenol		310	U	310	4500
N-Nitrosodiphenylamine		40	U	40	710
4-Bromophenyl phenyl ether		46	U	46	710
Hexachlorobenzene		49	U	49	710

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69A**

Lab Sample ID: 220-12119-1 | Date Sampled: 05/03/2010 0926
Client Matrix: Solid | % Moisture: 25.7 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10924.D
Dilution:	2.0		Initial Weight/Volume: 15.29 g
Date Analyzed:	05/07/2010 1654		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		430	U	430	1800
Phenanthrene		3300		35	710
Carbazole		610	J	40	710
Anthracene		1100		28	710
Di-n-butyl phthalate		840		100	710
Fluoranthene		6000		35	710
Pyrene		7500		34	710
Butyl benzyl phthalate		40	U	40	710
3,3'-Dichlorobenzidine		150	U	150	870
Benzo[a]anthracene		4200		25	710
Chrysene		4400		53	710
Bis(2-ethylhexyl) phthalate		170	J	69	710
Di-n-octyl phthalate		40	U	40	710
Benzo[b]fluoranthene		5000		19	710
Benzo[k]fluoranthene		1900		64	710
Benzo[a]pyrene		3900		19	710
Indeno[1,2,3-cd]pyrene		3900		46	710
Dibenz(a,h)anthracene		1200		56	710
Benzo[g,h,i]perylene		3300		46	710

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	70		34 - 120
Phenol-d5	76		36 - 120
Nitrobenzene-d5	73		38 - 120
2-Fluorobiphenyl	91		41 - 120
2,4,6-Tribromophenol	86		37 - 120
Terphenyl-d14	103		32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69B**

Lab Sample ID: 220-12119-2 | Date Sampled: 05/03/2010 0928
Client Matrix: Solid | % Moisture: 23.0 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10925.D
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Date Analyzed:	05/07/2010 1722			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		120	U	120	1700
Bis(2-chloroethyl)ether		91	U	91	1700
2-Chlorophenol		100	U	100	1700
1,3-Dichlorobenzene		87	U	87	1700
1,4-Dichlorobenzene		100	U	100	1700
Benzyl alcohol		170	U	170	1700
1,2-Dichlorobenzene		100	U	100	1700
2,2'-oxybis[1-chloropropane]		91	U	91	1700
2-Methylphenol		100	U	100	1700
Hexachloroethane		100	U	100	1700
N-Nitrosodi-n-propylamine		120	U	120	1700
4-Methylphenol		110	U	110	1700
Nitrobenzene		110	U	110	1700
Isophorone		96	U	96	1700
2-Nitrophenol		110	U	110	1700
2,4-Dimethylphenol		85	U	85	1700
Bis(2-chloroethoxy)methane		81	U	81	1700
2,4-Dichlorophenol		93	U	93	1700
1,2,4-Trichlorobenzene		2200		110	1700
Naphthalene		1200	J	91	1700
4-Chloroaniline		280	U	280	1700
Hexachlorobutadiene		130	U	130	1700
4-Chloro-3-methylphenol		72	U	72	1700
2-Methylnaphthalene		1100	J	50	1700
Hexachlorocyclopentadiene		820	U	820	4300
2,4,6-Trichlorophenol		48	U	48	1700
2,4,5-Trichlorophenol		88	U	88	11000
2-Chloronaphthalene		74	U	74	1700
2-Nitroaniline		110	U	110	4300
Acenaphthylene		85	U	85	1700
Dimethyl phthalate		100	U	100	1700
2,6-Dinitrotoluene		51	U	51	1700
Acenaphthene		100	U	100	1700
3-Nitroaniline		56	U	56	4300
2,4-Dinitrophenol		520	U	520	11000
Dibenzofuran		1300	J	120	1700
2,4-Dinitrotoluene		140	U	140	1700
4-Nitrophenol		130	U	130	11000
Fluorene		630	J	100	1700
4-Chlorophenyl phenyl ether		130	U	130	1700
Diethyl phthalate		180	U	180	1700
4-Nitroaniline		130	U	130	1700
4,6-Dinitro-2-methylphenol		750	U	750	11000
N-Nitrosodiphenylamine		98	U	98	1700
4-Bromophenyl phenyl ether		110	U	110	1700
Hexachlorobenzene		120	U	120	1700

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69B**

Lab Sample ID: 220-12119-2 | Date Sampled: 05/03/2010 0928
Client Matrix: Solid | % Moisture: 23.0 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10925.D
Dilution:	5.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	05/07/2010 1722		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1100	U	1100	4300
Phenanthrene		5400		86	1700
Carbazole		1400	J	97	1700
Anthracene		2200		68	1700
Di-n-butyl phthalate		2100		250	1700
Fluoranthene		9200		87	1700
Pyrene		10000		82	1700
Butyl benzyl phthalate		98	U	98	1700
3,3'-Dichlorobenzidine		360	U	360	2100
Benzo[a]anthracene		5700		62	1700
Chrysene		5400		130	1700
Bis(2-ethylhexyl) phthalate		170	U	170	1700
Di-n-octyl phthalate		99	U	99	1700
Benzo[b]fluoranthene		7000		47	1700
Benzo[k]fluoranthene		2200		160	1700
Benzo[a]pyrene		4900		47	1700
Indeno[1,2,3-cd]pyrene		4900		110	1700
Dibenz(a,h)anthracene		2000		140	1700
Benzo[g,h,i]perylene		4200		110	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	67		34 - 120
Phenol-d5	75		36 - 120
Nitrobenzene-d5	71		38 - 120
2-Fluorobiphenyl	67		41 - 120
2,4,6-Tribromophenol	100		37 - 120
Terphenyl-d14	91		32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69C**

Lab Sample ID: 220-12119-3 | Date Sampled: 05/03/2010 0931
Client Matrix: Solid | % Moisture: 23.9 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	Z16182.D
Dilution:	2.0			Initial Weight/Volume:	15.25 g
Date Analyzed:	05/10/2010 1618			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	700
Bis(2-chloroethyl)ether		36	U	36	700
2-Chlorophenol		41	U	41	700
1,3-Dichlorobenzene		35	U	35	700
1,4-Dichlorobenzene		41	U	41	700
Benzyl alcohol		66	U	66	700
1,2-Dichlorobenzene		41	U	41	700
2,2'-oxybis[1-chloropropane]		36	U	36	700
2-Methylphenol		42	U	42	700
Hexachloroethane		40	U	40	700
N-Nitrosodi-n-propylamine		47	U	47	700
4-Methylphenol		46	U	46	700
Nitrobenzene		44	U	44	700
Isophorone		39	U	39	700
2-Nitrophenol		44	U	44	700
2,4-Dimethylphenol		34	U	34	700
Bis(2-chloroethoxy)methane		32	U	32	700
2,4-Dichlorophenol		37	U	37	700
1,2,4-Trichlorobenzene		46	U	46	700
Naphthalene		36	U	36	700
4-Chloroaniline		110	U	110	700
Hexachlorobutadiene		54	U	54	700
4-Chloro-3-methylphenol		29	U	29	700
2-Methylnaphthalene		160	J	20	700
Hexachlorocyclopentadiene		330	U	330	1700
2,4,6-Trichlorophenol		19	U	19	700
2,4,5-Trichlorophenol		35	U	35	4400
2-Chloronaphthalene		30	U	30	700
2-Nitroaniline		42	U	42	1700
Acenaphthylene		34	U	34	700
Dimethyl phthalate		40	U	40	700
2,6-Dinitrotoluene		20	U	20	700
Acenaphthene		530	J	41	700
3-Nitroaniline		22	U	22	1700
2,4-Dinitrophenol		210	U	210	4400
Dibenzofuran		360	J	49	700
2,4-Dinitrotoluene		56	U	56	700
4-Nitrophenol		53	U	53	4400
Fluorene		130	J	42	700
4-Chlorophenyl phenyl ether		51	U	51	700
Diethyl phthalate		70	U	70	700
4-Nitroaniline		53	U	53	700
4,6-Dinitro-2-methylphenol		300	U	300	4400
N-Nitrosodiphenylamine		39	U	39	700
4-Bromophenyl phenyl ether		45	U	45	700
Hexachlorobenzene		48	U	48	700

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69C**

Lab Sample ID: 220-12119-3 | Date Sampled: 05/03/2010 0931
Client Matrix: Solid | % Moisture: 23.9 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38298	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: Z16182.D
Dilution:	2.0		Initial Weight/Volume: 15.25 g
Date Analyzed:	05/10/2010 1618		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		420	U	420	1700
Phenanthrene		4700		34	700
Carbazole		520	J	39	700
Anthracene		1500		27	700
Di-n-butyl phthalate		100	U	100	700
Fluoranthene		7200		35	700
Pyrene		5400		33	700
Butyl benzyl phthalate		39	U	39	700
3,3'-Dichlorobenzidine		140	U	140	850
Benzo[a]anthracene		3400		25	700
Chrysene		3300		51	700
Bis(2-ethylhexyl) phthalate		67	U	67	700
Di-n-octyl phthalate		40	U	40	700
Benzo[b]fluoranthene		3700		19	700
Benzo[k]fluoranthene		1400		63	700
Benzo[a]pyrene		3300		19	700
Indeno[1,2,3-cd]pyrene		3500		45	700
Dibenz(a,h)anthracene		55	U	55	700
Benzo[g,h,i]perylene		2700		45	700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	73		34 - 120
Phenol-d5	78		36 - 120
Nitrobenzene-d5	73		38 - 120
2-Fluorobiphenyl	77		41 - 120
2,4,6-Tribromophenol	91		37 - 120
Terphenyl-d14	110		32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69D**

Lab Sample ID: 220-12119-4 | Date Sampled: 05/03/2010 0935
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10927.D
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Date Analyzed:	05/07/2010 1819			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		120	U	120	1900
Bis(2-chloroethyl)ether		97	U	97	1900
2-Chlorophenol		110	U	110	1900
1,3-Dichlorobenzene		94	U	94	1900
1,4-Dichlorobenzene		110	U	110	1900
Benzyl alcohol		180	U	180	1900
1,2-Dichlorobenzene		110	U	110	1900
2,2'-oxybis[1-chloropropane]		97	U	97	1900
2-Methylphenol		110	U	110	1900
Hexachloroethane		110	U	110	1900
N-Nitrosodi-n-propylamine		130	U	130	1900
4-Methylphenol		120	U	120	1900
Nitrobenzene		120	U	120	1900
Isophorone		100	U	100	1900
2-Nitrophenol		120	U	120	1900
2,4-Dimethylphenol		91	U	91	1900
Bis(2-chloroethoxy)methane		87	U	87	1900
2,4-Dichlorophenol		100	U	100	1900
1,2,4-Trichlorobenzene		1300	J	120	1900
Naphthalene		1400	J	97	1900
4-Chloroaniline		310	U	310	1900
Hexachlorobutadiene		140	U	140	1900
4-Chloro-3-methylphenol		77	U	77	1900
2-Methylnaphthalene		1200	J	54	1900
Hexachlorocyclopentadiene		880	U	880	4700
2,4,6-Trichlorophenol		51	U	51	1900
2,4,5-Trichlorophenol		95	U	95	12000
2-Chloronaphthalene		80	U	80	1900
2-Nitroaniline		110	U	110	4700
Acenaphthylene		200	J	92	1900
Dimethyl phthalate		110	U	110	1900
2,6-Dinitrotoluene		55	U	55	1900
Acenaphthene		780	J	110	1900
3-Nitroaniline		60	U	60	4700
2,4-Dinitrophenol		560	U	560	12000
Dibenzofuran		1800	J	130	1900
2,4-Dinitrotoluene		150	U	150	1900
4-Nitrophenol		140	U	140	12000
Fluorene		2000		110	1900
4-Chlorophenyl phenyl ether		140	U	140	1900
Diethyl phthalate		190	U	190	1900
4-Nitroaniline		140	U	140	1900
4,6-Dinitro-2-methylphenol		810	U	810	12000
N-Nitrosodiphenylamine		110	U	110	1900
4-Bromophenyl phenyl ether		120	U	120	1900
Hexachlorobenzene		130	U	130	1900

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69D**

Lab Sample ID: 220-12119-4 | Date Sampled: 05/03/2010 0935
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10927.D
Dilution:	5.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	05/07/2010 1819		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1100	U	1100	4700
Phenanthrene		19000		93	1900
Carbazole		1800	J	100	1900
Anthracene		4800		73	1900
Di-n-butyl phthalate		2200		270	1900
Fluoranthene		26000		93	1900
Pyrene		30000		88	1900
Butyl benzyl phthalate		110	U	110	1900
3,3'-Dichlorobenzidine		390	U	390	2300
Benzo[a]anthracene		14000		67	1900
Chrysene		13000		140	1900
Bis(2-ethylhexyl) phthalate		200	J	180	1900
Di-n-octyl phthalate		110	U	110	1900
Benzo[b]fluoranthene		15000		50	1900
Benzo[k]fluoranthene		5400		170	1900
Benzo[a]pyrene		12000		51	1900
Indeno[1,2,3-cd]pyrene		15000		120	1900
Dibenz(a,h)anthracene		4300		150	1900
Benzo[g,h,i]perylene		12000		120	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	71		34 - 120
Phenol-d5	79		36 - 120
Nitrobenzene-d5	76		38 - 120
2-Fluorobiphenyl	76		41 - 120
2,4,6-Tribromophenol	103		37 - 120
Terphenyl-d14	143	*	32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69E**

Lab Sample ID: 220-12119-5 | Date Sampled: 05/04/2010 1146
Client Matrix: Solid | % Moisture: 31.3 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10928.D
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Date Analyzed:	05/07/2010 1847			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	780
Bis(2-chloroethyl)ether		41	U	41	780
2-Chlorophenol		46	U	46	780
1,3-Dichlorobenzene		39	U	39	780
1,4-Dichlorobenzene		46	U	46	780
Benzyl alcohol		74	U	74	780
1,2-Dichlorobenzene		46	U	46	780
2,2'-oxybis[1-chloropropane]		41	U	41	780
2-Methylphenol		47	U	47	780
Hexachloroethane		45	U	45	780
N-Nitrosodi-n-propylamine		53	U	53	780
4-Methylphenol		51	U	51	780
Nitrobenzene		50	U	50	780
Isophorone		43	U	43	780
2-Nitrophenol		49	U	49	780
2,4-Dimethylphenol		38	U	38	780
Bis(2-chloroethoxy)methane		36	U	36	780
2,4-Dichlorophenol		42	U	42	780
1,2,4-Trichlorobenzene		130	J	51	780
Naphthalene		670	J	41	780
4-Chloroaniline		130	U	130	780
Hexachlorobutadiene		60	U	60	780
4-Chloro-3-methylphenol		32	U	32	780
2-Methylnaphthalene		540	J	22	780
Hexachlorocyclopentadiene		370	U	370	1900
2,4,6-Trichlorophenol		21	U	21	780
2,4,5-Trichlorophenol		39	U	39	4900
2-Chloronaphthalene		33	U	33	780
2-Nitroaniline		48	U	48	1900
Acenaphthylene		140	J	38	780
Dimethyl phthalate		45	U	45	780
2,6-Dinitrotoluene		23	U	23	780
Acenaphthene		89	J	46	780
3-Nitroaniline		25	U	25	1900
2,4-Dinitrophenol		240	U	240	4900
Dibenzofuran		680	J	55	780
2,4-Dinitrotoluene		62	U	62	780
4-Nitrophenol		59	U	59	4900
Fluorene		710	J	47	780
4-Chlorophenyl phenyl ether		58	U	58	780
Diethyl phthalate		79	U	79	780
4-Nitroaniline		60	U	60	780
4,6-Dinitro-2-methylphenol		340	U	340	4900
N-Nitrosodiphenylamine		44	U	44	780
4-Bromophenyl phenyl ether		51	U	51	780
Hexachlorobenzene		54	U	54	780

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69E**

Lab Sample ID: 220-12119-5 | Date Sampled: 05/04/2010 1146
Client Matrix: Solid | % Moisture: 31.3 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10928.D
Dilution:	2.0		Initial Weight/Volume: 15.04 g
Date Analyzed:	05/07/2010 1847		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		480	U	480	1900
Phenanthrene		5900		39	780
Carbazole		720	J	44	780
Anthracene		1600		30	780
Di-n-butyl phthalate		930		110	780
Fluoranthene		7900		39	780
Pyrene		10000		37	780
Butyl benzyl phthalate		44	U	44	780
3,3'-Dichlorobenzidine		160	U	160	960
Benzo[a]anthracene		4500		28	780
Chrysene		4200		58	780
Bis(2-ethylhexyl) phthalate		95	J	76	780
Di-n-octyl phthalate		44	U	44	780
Benzo[b]fluoranthene		4500		21	780
Benzo[k]fluoranthene		1700		70	780
Benzo[a]pyrene		3800		21	780
Indeno[1,2,3-cd]pyrene		4600		51	780
Dibenz(a,h)anthracene		1500		62	780
Benzo[g,h,i]perylene		3700		51	780

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	72		34 - 120
Phenol-d5	74		36 - 120
Nitrobenzene-d5	76		38 - 120
2-Fluorobiphenyl	84		41 - 120
2,4,6-Tribromophenol	85		37 - 120
Terphenyl-d14	129	*	32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69F**

Lab Sample ID: 220-12119-6 | Date Sampled: 05/04/2010 1148
Client Matrix: Solid | % Moisture: 43.2 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10929.D
Dilution:	4.0			Initial Weight/Volume:	15.39 g
Date Analyzed:	05/07/2010 1916			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		120	U	120	1900
Bis(2-chloroethyl)ether		96	U	96	1900
2-Chlorophenol		110	U	110	1900
1,3-Dichlorobenzene		93	U	93	1900
1,4-Dichlorobenzene		110	U	110	1900
Benzyl alcohol		180	U	180	1900
1,2-Dichlorobenzene		110	U	110	1900
2,2'-oxybis[1-chloropropane]		96	U	96	1900
2-Methylphenol		110	U	110	1900
Hexachloroethane		110	U	110	1900
N-Nitrosodi-n-propylamine		120	U	120	1900
4-Methylphenol		120	U	120	1900
Nitrobenzene		120	U	120	1900
Isophorone		100	U	100	1900
2-Nitrophenol		120	U	120	1900
2,4-Dimethylphenol		90	U	90	1900
Bis(2-chloroethoxy)methane		86	U	86	1900
2,4-Dichlorophenol		99	U	99	1900
1,2,4-Trichlorobenzene		310	J	120	1900
Naphthalene		1400	J	96	1900
4-Chloroaniline		300	U	300	1900
Hexachlorobutadiene		140	U	140	1900
4-Chloro-3-methylphenol		76	U	76	1900
2-Methylnaphthalene		1200	J	53	1900
Hexachlorocyclopentadiene		870	U	870	4600
2,4,6-Trichlorophenol		51	U	51	1900
2,4,5-Trichlorophenol		93	U	93	12000
2-Chloronaphthalene		79	U	79	1900
2-Nitroaniline		110	U	110	4600
Acenaphthylene		110	J	91	1900
Dimethyl phthalate		110	U	110	1900
2,6-Dinitrotoluene		54	U	54	1900
Acenaphthene		110	U	110	1900
3-Nitroaniline		59	U	59	4600
2,4-Dinitrophenol		560	U	560	12000
Dibenzofuran		1700	J	130	1900
2,4-Dinitrotoluene		150	U	150	1900
4-Nitrophenol		140	U	140	12000
Fluorene		1600	J	110	1900
4-Chlorophenyl phenyl ether		140	U	140	1900
Diethyl phthalate		190	U	190	1900
4-Nitroaniline		140	U	140	1900
4,6-Dinitro-2-methylphenol		800	U	800	12000
N-Nitrosodiphenylamine		100	U	100	1900
4-Bromophenyl phenyl ether		120	U	120	1900
Hexachlorobenzene		130	U	130	1900

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69F**

Lab Sample ID: 220-12119-6 | Date Sampled: 05/04/2010 1148
Client Matrix: Solid | % Moisture: 43.2 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10929.D
Dilution:	4.0		Initial Weight/Volume: 15.39 g
Date Analyzed:	05/07/2010 1916		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1100	U	1100	4600
Phenanthrene		13000		91	1900
Carbazole		1600	J	100	1900
Anthracene		3700		72	1900
Di-n-butyl phthalate		2200		270	1900
Fluoranthene		15000		92	1900
Pyrene		19000		87	1900
Butyl benzyl phthalate		100	U	100	1900
3,3'-Dichlorobenzidine		380	U	380	2300
Benzo[a]anthracene		8000		66	1900
Chrysene		7500		140	1900
Bis(2-ethylhexyl) phthalate		180	U	180	1900
Di-n-octyl phthalate		110	U	110	1900
Benzo[b]fluoranthene		7800		49	1900
Benzo[k]fluoranthene		3000		170	1900
Benzo[a]pyrene		6500		50	1900
Indeno[1,2,3-cd]pyrene		7600		120	1900
Dibenz(a,h)anthracene		2500		150	1900
Benzo[g,h,i]perylene		5700		120	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	79		34 - 120
Phenol-d5	82		36 - 120
Nitrobenzene-d5	84		38 - 120
2-Fluorobiphenyl	84		41 - 120
2,4,6-Tribromophenol	104		37 - 120
Terphenyl-d14	148	*	32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7 | Date Sampled: 05/03/2010 0947
Client Matrix: Solid | % Moisture: 27.4 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10930.D
Dilution:	10			Initial Weight/Volume:	15.10 g
Date Analyzed:	05/07/2010 1944			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		240	U	240	3700
Bis(2-chloroethyl)ether		190	U	190	3700
2-Chlorophenol		210	U	210	3700
1,3-Dichlorobenzene		180	U	180	3700
1,4-Dichlorobenzene		220	U	220	3700
Benzyl alcohol		350	U	350	3700
1,2-Dichlorobenzene		220	U	220	3700
2,2'-oxybis[1-chloropropane]		190	U	190	3700
2-Methylphenol		220	U	220	3700
Hexachloroethane		210	U	210	3700
N-Nitrosodi-n-propylamine		250	U	250	3700
4-Methylphenol		240	U	240	3700
Nitrobenzene		240	U	240	3700
Isophorone		200	U	200	3700
2-Nitrophenol		230	U	230	3700
2,4-Dimethylphenol		180	U	180	3700
Bis(2-chloroethoxy)methane		170	U	170	3700
2,4-Dichlorophenol		200	U	200	3700
1,2,4-Trichlorobenzene		1500	J	240	3700
Naphthalene		2600	J	190	3700
4-Chloroaniline		600	U	600	3700
Hexachlorobutadiene		280	U	280	3700
4-Chloro-3-methylphenol		150	U	150	3700
2-Methylnaphthalene		2300	J	110	3700
Hexachlorocyclopentadiene		1700	U	1700	9200
2,4,6-Trichlorophenol		100	U	100	3700
2,4,5-Trichlorophenol		190	U	190	23000
2-Chloronaphthalene		160	U	160	3700
2-Nitroaniline		220	U	220	9200
Acenaphthylene		1400	J	180	3700
Dimethyl phthalate		210	U	210	3700
2,6-Dinitrotoluene		110	U	110	3700
Acenaphthene		220	U	220	3700
3-Nitroaniline		120	U	120	9200
2,4-Dinitrophenol		1100	U	1100	23000
Dibenzofuran		2800	J	260	3700
2,4-Dinitrotoluene		290	U	290	3700
4-Nitrophenol		280	U	280	23000
Fluorene		1400	J	220	3700
4-Chlorophenyl phenyl ether		270	U	270	3700
Diethyl phthalate		370	U	370	3700
4-Nitroaniline		280	U	280	3700
4,6-Dinitro-2-methylphenol		1600	U	1600	23000
N-Nitrosodiphenylamine		210	U	210	3700
4-Bromophenyl phenyl ether		240	U	240	3700
Hexachlorobenzene		260	U	260	3700

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7 | Date Sampled: 05/03/2010 0947
Client Matrix: Solid | % Moisture: 27.4 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10930.D
Dilution:	10		Initial Weight/Volume: 15.10 g
Date Analyzed:	05/07/2010 1944		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		2200	U	2200	9200
Phenanthrene		8400		180	3700
Carbazole		2900	J	210	3700
Anthracene		4500		140	3700
Di-n-butyl phthalate		4400		540	3700
Fluoranthene		19000		180	3700
Pyrene		31000		170	3700
Butyl benzyl phthalate		210	U	210	3700
3,3'-Dichlorobenzidine		760	U	760	4500
Benzo[a]anthracene		17000		130	3700
Chrysene		16000		270	3700
Bis(2-ethylhexyl) phthalate		360	U	360	3700
Di-n-octyl phthalate		210	U	210	3700
Benzo[b]fluoranthene		18000		99	3700
Benzo[k]fluoranthene		7400		330	3700
Benzo[a]pyrene		16000		100	3700
Indeno[1,2,3-cd]pyrene		19000		240	3700
Dibenz(a,h)anthracene		5800		290	3700
Benzo[g,h,i]perylene		15000		240	3700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	72		34 - 120
Phenol-d5	81		36 - 120
Nitrobenzene-d5	79		38 - 120
2-Fluorobiphenyl	31	*	41 - 120
2,4,6-Tribromophenol	105		37 - 120
Terphenyl-d14	131	*	32 - 125

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38236		Lab File ID:	Z16178.D
Dilution:	1.0	Leachate Batch: 220-38226		Initial Weight/Volume:	500 mL
Date Analyzed:	05/10/2010 1426			Final Weight/Volume:	1.0 mL
Date Prepared:	05/07/2010 1057			Injection Volume:	1 uL
Date Leached:	05/06/2010 1541				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.00062	U	0.00062	0.020
2,4-Dinitrotoluene		0.00080	U	0.00080	0.020
2,4,5-Trichlorophenol		0.00056	U	0.00056	0.10
2,4,6-Trichlorophenol		0.00074	U	0.00074	0.020
2-Methylphenol		0.00048	U	0.00048	0.020
Hexachlorobenzene		0.00066	U	0.00066	0.020
Hexachlorobutadiene		0.00040	U	0.00040	0.020
Hexachloroethane		0.00074	U	0.00074	0.020
Nitrobenzene		0.00056	U	0.00056	0.020
Pentachlorophenol		0.00062	U	0.00062	0.10
Pyridine		0.0077	U	0.0077	0.040
4-Methylphenol		0.00058	U	0.00058	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	88		29 - 126
2-Fluorobiphenyl	73		43 - 116
2-Fluorophenol	63		21 - 97
Nitrobenzene-d5	79		38 - 113
Terphenyl-d14	88		10 - 119
Phenol-d5	53		18 - 97

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68H**

Lab Sample ID: 220-12119-8 | Date Sampled: 05/03/2010 0905
Client Matrix: Solid | % Moisture: 16.2 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10931.D
Dilution:	1.0			Initial Weight/Volume:	15.51 g
Date Analyzed:	05/07/2010 2012			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		21	U	21	310
Bis(2-chloroethyl)ether		16	U	16	310
2-Chlorophenol		18	U	18	310
1,3-Dichlorobenzene		16	U	16	310
1,4-Dichlorobenzene		18	U	18	310
Benzyl alcohol		29	U	29	310
1,2-Dichlorobenzene		18	U	18	310
2,2'-oxybis[1-chloropropane]		16	U	16	310
2-Methylphenol		19	U	19	310
Hexachloroethane		18	U	18	310
N-Nitrosodi-n-propylamine		21	U	21	310
4-Methylphenol		20	U	20	310
Nitrobenzene		20	U	20	310
Isophorone		17	U	17	310
2-Nitrophenol		20	U	20	310
2,4-Dimethylphenol		15	U	15	310
Bis(2-chloroethoxy)methane		14	U	14	310
2,4-Dichlorophenol		17	U	17	310
1,2,4-Trichlorobenzene		20	U	20	310
Naphthalene		230	J	16	310
4-Chloroaniline		51	U	51	310
Hexachlorobutadiene		24	U	24	310
4-Chloro-3-methylphenol		13	U	13	310
2-Methylnaphthalene		200	J	8.9	310
Hexachlorocyclopentadiene		150	U	150	770
2,4,6-Trichlorophenol		8.5	U	8.5	310
2,4,5-Trichlorophenol		16	U	16	2000
2-Chloronaphthalene		13	U	13	310
2-Nitroaniline		19	U	19	770
Acenaphthylene		15	U	15	310
Dimethyl phthalate		18	U	18	310
2,6-Dinitrotoluene		9.1	U	9.1	310
Acenaphthene		18	U	18	310
3-Nitroaniline		9.9	U	9.9	770
2,4-Dinitrophenol		93	U	93	2000
Dibenzofuran		260	J	22	310
2,4-Dinitrotoluene		25	U	25	310
4-Nitrophenol		24	U	24	2000
Fluorene		150	J	19	310
4-Chlorophenyl phenyl ether		23	U	23	310
Diethyl phthalate		31	U	31	310
4-Nitroaniline		24	U	24	310
4,6-Dinitro-2-methylphenol		130	U	130	2000
N-Nitrosodiphenylamine		18	U	18	310
4-Bromophenyl phenyl ether		20	U	20	310
Hexachlorobenzene		22	U	22	310

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68H**

Lab Sample ID: 220-12119-8 | Date Sampled: 05/03/2010 0905
Client Matrix: Solid | % Moisture: 16.2 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10931.D
Dilution:	1.0		Initial Weight/Volume: 15.51 g
Date Analyzed:	05/07/2010 2012		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		190	U	190	770
Phenanthrene		880		15	310
Carbazole		270	J	17	310
Anthracene		390		12	310
Di-n-butyl phthalate		370		45	310
Fluoranthene		1100		15	310
Pyrene		1800		15	310
Butyl benzyl phthalate		170	J	17	310
3,3'-Dichlorobenzidine		64	U	64	380
Benzo[a]anthracene		840		11	310
Chrysene		800		23	310
Bis(2-ethylhexyl) phthalate		280	J	30	310
Di-n-octyl phthalate		18	U	18	310
Benzo[b]fluoranthene		890		8.3	310
Benzo[k]fluoranthene		310		28	310
Benzo[a]pyrene		760		8.4	310
Indeno[1,2,3-cd]pyrene		1000		20	310
Dibenz(a,h)anthracene		410		24	310
Benzo[g,h,i]perylene		790		20	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	68		34 - 120
Phenol-d5	69		36 - 120
Nitrobenzene-d5	72		38 - 120
2-Fluorobiphenyl	76		41 - 120
2,4,6-Tribromophenol	61		37 - 120
Terphenyl-d14	113		32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68l**

Lab Sample ID: 220-12119-9 | Date Sampled: 05/03/2010 0908
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10932.D
Dilution:	1.0			Initial Weight/Volume:	15.41 g
Date Analyzed:	05/07/2010 2041			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		19	U	19	290
Bis(2-chloroethyl)ether		15	U	15	290
2-Chlorophenol		17	U	17	290
1,3-Dichlorobenzene		15	U	15	290
1,4-Dichlorobenzene		17	U	17	290
Benzyl alcohol		28	U	28	290
1,2-Dichlorobenzene		17	U	17	290
2,2'-oxybis[1-chloropropane]		15	U	15	290
2-Methylphenol		17	U	17	290
Hexachloroethane		17	U	17	290
N-Nitrosodi-n-propylamine		20	U	20	290
4-Methylphenol		19	U	19	290
Nitrobenzene		19	U	19	290
Isophorone		16	U	16	290
2-Nitrophenol		18	U	18	290
2,4-Dimethylphenol		14	U	14	290
Bis(2-chloroethoxy)methane		13	U	13	290
2,4-Dichlorophenol		16	U	16	290
1,2,4-Trichlorobenzene		19	U	19	290
Naphthalene		250	J	15	290
4-Chloroaniline		47	U	47	290
Hexachlorobutadiene		22	U	22	290
4-Chloro-3-methylphenol		12	U	12	290
2-Methylnaphthalene		200	J	8.3	290
Hexachlorocyclopentadiene		140	U	140	720
2,4,6-Trichlorophenol		8.0	U	8.0	290
2,4,5-Trichlorophenol		15	U	15	1800
2-Chloronaphthalene		12	U	12	290
2-Nitroaniline		18	U	18	720
Acenaphthylene		14	U	14	290
Dimethyl phthalate		17	U	17	290
2,6-Dinitrotoluene		8.5	U	8.5	290
Acenaphthene		17	U	17	290
3-Nitroaniline		9.3	U	9.3	720
2,4-Dinitrophenol		87	U	87	1800
Dibenzofuran		250	J	20	290
2,4-Dinitrotoluene		23	U	23	290
4-Nitrophenol		22	U	22	1800
Fluorene		130	J	17	290
4-Chlorophenyl phenyl ether		21	U	21	290
Diethyl phthalate		29	U	29	290
4-Nitroaniline		22	U	22	290
4,6-Dinitro-2-methylphenol		130	U	130	1800
N-Nitrosodiphenylamine		16	U	16	290
4-Bromophenyl phenyl ether		19	U	19	290
Hexachlorobenzene		20	U	20	290

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68I**

Lab Sample ID: 220-12119-9 | Date Sampled: 05/03/2010 0908
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10932.D
Dilution:	1.0		Initial Weight/Volume: 15.41 g
Date Analyzed:	05/07/2010 2041		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		180	U	180	720
Phenanthrene		800		14	290
Carbazole		240	J	16	290
Anthracene		370		11	290
Di-n-butyl phthalate		350		42	290
Fluoranthene		980		14	290
Pyrene		2200		14	290
Butyl benzyl phthalate		35	J	16	290
3,3'-Dichlorobenzidine		60	U	60	360
Benzo[a]anthracene		950		10	290
Chrysene		960		21	290
Bis(2-ethylhexyl) phthalate		190	J	28	290
Di-n-octyl phthalate		17	U	17	290
Benzo[b]fluoranthene		950		7.8	290
Benzo[k]fluoranthene		360		26	290
Benzo[a]pyrene		880		7.9	290
Indeno[1,2,3-cd]pyrene		970		19	290
Dibenz(a,h)anthracene		400		23	290
Benzo[g,h,i]perylene		810		19	290

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	79		34 - 120
Phenol-d5	80		36 - 120
Nitrobenzene-d5	84		38 - 120
2-Fluorobiphenyl	89		41 - 120
2,4,6-Tribromophenol	61		37 - 120
Terphenyl-d14	123		32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68J**

Lab Sample ID: 220-12119-10 | Date Sampled: 05/03/2010 0911
Client Matrix: Solid | % Moisture: 12.2 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10933.D
Dilution:	1.0			Initial Weight/Volume:	15.32 g
Date Analyzed:	05/07/2010 2109			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		34	J	20	300
Bis(2-chloroethyl)ether		16	U	16	300
2-Chlorophenol		18	U	18	300
1,3-Dichlorobenzene		15	U	15	300
1,4-Dichlorobenzene		30	J	18	300
Benzyl alcohol		28	U	28	300
1,2-Dichlorobenzene		18	U	18	300
2,2'-oxybis[1-chloropropane]		16	U	16	300
2-Methylphenol		18	U	18	300
Hexachloroethane		17	U	17	300
N-Nitrosodi-n-propylamine		20	U	20	300
4-Methylphenol		20	U	20	300
Nitrobenzene		19	U	19	300
Isophorone		17	U	17	300
2-Nitrophenol		19	U	19	300
2,4-Dimethylphenol		15	U	15	300
Bis(2-chloroethoxy)methane		14	U	14	300
2,4-Dichlorophenol		16	U	16	300
1,2,4-Trichlorobenzene		37	J	20	300
Naphthalene		300		16	300
4-Chloroaniline		49	U	49	300
Hexachlorobutadiene		23	U	23	300
4-Chloro-3-methylphenol		12	U	12	300
2-Methylnaphthalene		230	J	8.6	300
Hexachlorocyclopentadiene		140	U	140	750
2,4,6-Trichlorophenol		8.3	U	8.3	300
2,4,5-Trichlorophenol		15	U	15	1900
2-Chloronaphthalene		13	U	13	300
2-Nitroaniline		18	U	18	750
Acenaphthylene		16	J	15	300
Dimethyl phthalate		17	U	17	300
2,6-Dinitrotoluene		8.8	U	8.8	300
Acenaphthene		18	U	18	300
3-Nitroaniline		9.6	U	9.6	750
2,4-Dinitrophenol		90	U	90	1900
Dibenzofuran		290	J	21	300
2,4-Dinitrotoluene		24	U	24	300
4-Nitrophenol		23	U	23	1900
Fluorene		220	J	18	300
4-Chlorophenyl phenyl ether		22	U	22	300
Diethyl phthalate		30	U	30	300
4-Nitroaniline		23	U	23	300
4,6-Dinitro-2-methylphenol		130	U	130	1900
N-Nitrosodiphenylamine		17	U	17	300
4-Bromophenyl phenyl ether		19	U	19	300
Hexachlorobenzene		21	U	21	300

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68J**

Lab Sample ID: 220-12119-10 | Date Sampled: 05/03/2010 0911
Client Matrix: Solid | % Moisture: 12.2 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10933.D
Dilution:	1.0		Initial Weight/Volume: 15.32 g
Date Analyzed:	05/07/2010 2109		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		180	U	180	750
Phenanthrene		1600		15	300
Carbazole		290	J	17	300
Anthracene		470		12	300
Di-n-butyl phthalate		360		44	300
Fluoranthene		1600		15	300
Pyrene		3200		14	300
Butyl benzyl phthalate		69	J	17	300
3,3'-Dichlorobenzidine		62	U	62	370
Benzo[a]anthracene		1500		11	300
Chrysene		1500		22	300
Bis(2-ethylhexyl) phthalate		3200		29	300
Di-n-octyl phthalate		17	U	17	300
Benzo[b]fluoranthene		1500		8.0	300
Benzo[k]fluoranthene		570		27	300
Benzo[a]pyrene		1300		8.1	300
Indeno[1,2,3-cd]pyrene		1500		20	300
Dibenz(a,h)anthracene		570		24	300
Benzo[g,h,i]perylene		1200		20	300

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	85		34 - 120
Phenol-d5	82		36 - 120
Nitrobenzene-d5	90		38 - 120
2-Fluorobiphenyl	94		41 - 120
2,4,6-Tribromophenol	58		37 - 120
Terphenyl-d14	111		32 - 125

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68K**

Lab Sample ID: 220-12119-11 | Date Sampled: 05/03/2010 0915
Client Matrix: Solid | % Moisture: 14.4 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-38184		Lab File ID:	A10934.D
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Date Analyzed:	05/07/2010 2138			Final Weight/Volume:	1.0 mL
Date Prepared:	05/05/2010 1152			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		100	U	100	1600
Bis(2-chloroethyl)ether		82	U	82	1600
2-Chlorophenol		91	U	91	1600
1,3-Dichlorobenzene		79	U	79	1600
1,4-Dichlorobenzene		93	U	93	1600
Benzyl alcohol		150	U	150	1600
1,2-Dichlorobenzene		93	U	93	1600
2,2'-oxybis[1-chloropropane]		82	U	82	1600
2-Methylphenol		94	U	94	1600
Hexachloroethane		90	U	90	1600
N-Nitrosodi-n-propylamine		110	U	110	1600
4-Methylphenol		100	U	100	1600
Nitrobenzene		100	U	100	1600
Isophorone		87	U	87	1600
2-Nitrophenol		99	U	99	1600
2,4-Dimethylphenol		76	U	76	1600
Bis(2-chloroethoxy)methane		73	U	73	1600
2,4-Dichlorophenol		84	U	84	1600
1,2,4-Trichlorobenzene		100	U	100	1600
Naphthalene		1100	J	82	1600
4-Chloroaniline		260	U	260	1600
Hexachlorobutadiene		120	U	120	1600
4-Chloro-3-methylphenol		65	U	65	1600
2-Methylnaphthalene		1000	J	45	1600
Hexachlorocyclopentadiene		740	U	740	3900
2,4,6-Trichlorophenol		43	U	43	1600
2,4,5-Trichlorophenol		79	U	79	9900
2-Chloronaphthalene		67	U	67	1600
2-Nitroaniline		96	U	96	3900
Acenaphthylene		77	U	77	1600
Dimethyl phthalate		90	U	90	1600
2,6-Dinitrotoluene		46	U	46	1600
Acenaphthene		93	U	93	1600
3-Nitroaniline		50	U	50	3900
2,4-Dinitrophenol		470	U	470	9900
Dibenzofuran		1400	J	110	1600
2,4-Dinitrotoluene		130	U	130	1600
4-Nitrophenol		120	U	120	9900
Fluorene		1300	J	94	1600
4-Chlorophenyl phenyl ether		120	U	120	1600
Diethyl phthalate		160	U	160	1600
4-Nitroaniline		120	U	120	1600
4,6-Dinitro-2-methylphenol		680	U	680	9900
N-Nitrosodiphenylamine		89	U	89	1600
4-Bromophenyl phenyl ether		100	U	100	1600
Hexachlorobenzene		110	U	110	1600

Client: AKRF Inc | Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68K**

Lab Sample ID: 220-12119-11 | Date Sampled: 05/03/2010 0915
Client Matrix: Solid | % Moisture: 14.4 | Date Received: 05/04/2010 1845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-38265	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-38184	Lab File ID: A10934.D
Dilution:	5.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	05/07/2010 2138		Final Weight/Volume: 1.0 mL
Date Prepared:	05/05/2010 1152		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		960	U	960	3900
Phenanthrene		8400		77	1600
Carbazole		1300	J	87	1600
Anthracene		2400		61	1600
Di-n-butyl phthalate		1900		230	1600
Fluoranthene		6500		78	1600
Pyrene		13000		74	1600
Butyl benzyl phthalate		110	J	88	1600
3,3'-Dichlorobenzidine		320	U	320	1900
Benzo[a]anthracene		7400		56	1600
Chrysene		6600		120	1600
Bis(2-ethylhexyl) phthalate		270	J	150	1600
Di-n-octyl phthalate		89	U	89	1600
Benzo[b]fluoranthene		6700		42	1600
Benzo[k]fluoranthene		2700		140	1600
Benzo[a]pyrene		6200		43	1600
Indeno[1,2,3-cd]pyrene		6300		100	1600
Dibenz(a,h)anthracene		2400		120	1600
Benzo[g,h,i]perylene		4400		100	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	81		34 - 120
Phenol-d5	85		36 - 120
Nitrobenzene-d5	82		38 - 120
2-Fluorobiphenyl	84		41 - 120
2,4,6-Tribromophenol	89		37 - 120
Terphenyl-d14	136	*	32 - 125

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69A**

Lab Sample ID: 220-12119-1
Client Matrix: Solid
% Moisture: 25.7

Date Sampled: 05/03/2010 0926
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-36948	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/08/2010 1255		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		180		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	111		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69B**

Lab Sample ID: 220-12119-2
Client Matrix: Solid
% Moisture: 23.0

Date Sampled: 05/03/2010 0928
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-36948	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/08/2010 1310		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		87		11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69C**

Lab Sample ID: 220-12119-3
Client Matrix: Solid
% Moisture: 23.9

Date Sampled: 05/03/2010 0931
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-36948	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/08/2010 1324		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		93		11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69D**

Lab Sample ID: 220-12119-4
Client Matrix: Solid

% Moisture: 28.4

Date Sampled: 05/03/2010 0935
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-36948	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/08/2010 1339		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		200		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	94		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69E**

Lab Sample ID: 220-12119-5
Client Matrix: Solid

% Moisture: 31.3

Date Sampled: 05/04/2010 1146
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-37053	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36883	Initial Weight/Volume: 15.01 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/11/2010 0418		Injection Volume: 1 uL
Date Prepared:	05/07/2010 1939		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		13	U *	13	13

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69F**

Lab Sample ID: 220-12119-6
Client Matrix: Solid

% Moisture: 43.2

Date Sampled: 05/04/2010 1148
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-37053	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36883	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/11/2010 0430		Injection Volume: 1 uL
Date Prepared:	05/07/2010 1939		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		27	*	15	15

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid

% Moisture: 27.4

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-36948	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/08/2010 1354		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		210		12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	108		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68H**

Lab Sample ID: 220-12119-8
Client Matrix: Solid

% Moisture: 16.2

Date Sampled: 05/03/2010 0905
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-36948	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/08/2010 1409		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		180		10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	83		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68I**

Lab Sample ID: 220-12119-9
Client Matrix: Solid

% Moisture: 9.7

Date Sampled: 05/03/2010 0908
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-36948	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/08/2010 1424		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		240		9.6	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	101		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-68J**

Lab Sample ID: 220-12119-10
Client Matrix: Solid

% Moisture: 12.2

Date Sampled: 05/03/2010 0911
Date Received: 05/04/2010 1845

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-37053	Instrument ID: BNAGC1
Preparation:	3546	Prep Batch: 460-36717	Initial Weight/Volume: 15.00 g
Dilution:	2.0		Final Weight/Volume: 1 mL
Date Analyzed:	05/11/2010 0159		Injection Volume: 1 uL
Date Prepared:	05/06/2010 1153		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		690		20	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	85		47 - 131

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8081A Organochlorine Pesticides (GC)-TCLP

Method:	8081A	Analysis Batch: 220-38338		Instrument ID:	GC8
Preparation:	3510C	Prep Batch: 220-38235		Initial Weight/Volume:	500 mL
Dilution:	1.0	Leachate Batch: 220-38226		Final Weight/Volume:	10 mL
Date Analyzed:	05/12/2010 0011			Injection Volume:	1 uL
Date Prepared:	05/07/2010 1058			Result Type:	PRIMARY
Date Leached:	05/06/2010 1541				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.000085	U	0.000085	0.0010
Endrin		0.000027	U	0.000027	0.00020
Heptachlor		0.000012	U	0.000012	0.00010
Heptachlor epoxide		0.000011	U	0.000011	0.00010
gamma-BHC (Lindane)		0.000011	U	0.000011	0.00010
Methoxychlor		0.00016	U	0.00016	0.0010
Toxaphene		0.000080	U	0.000080	0.0050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		29 - 156
Tetrachloro-m-xylene	43	p *	53 - 144

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8081A Organochlorine Pesticides (GC)-TCLP

Method:	8081A	Analysis Batch: 220-38338		Instrument ID:	GC8
Preparation:	3510C	Prep Batch: 220-38235		Initial Weight/Volume:	500 mL
Dilution:	1.0	Leachate Batch: 220-38226		Final Weight/Volume:	10 mL
Date Analyzed:	05/12/2010 0011			Injection Volume:	1 uL
Date Prepared:	05/07/2010 1058			Result Type:	SECONDARY
Date Leached:	05/06/2010 1541				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		29 - 156
Tetrachloro-m-xylene	93		53 - 144

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid
% Moisture: 27.4

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8082 PCBs

Method:	8082	Analysis Batch: 220-38315		Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-38196		Initial Weight/Volume:	30.00 g
Dilution:	500			Final Weight/Volume:	10 mL
Date Analyzed:	05/10/2010 1900			Injection Volume:	1 uL
Date Prepared:	05/06/2010 0842			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		910	U	910	12000
PCB-1221		910	U	910	12000
PCB-1232		910	U	910	12000
PCB-1242		910	U	910	12000
PCB-1248		910	U	910	12000
PCB-1254		990	U	990	12000
PCB-1260		74000		990	12000

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	*	24 - 150
DCB Decachlorobiphenyl	0	*	24 - 150

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid
% Moisture: 27.4

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8082 PCBs

Method:	8082	Analysis Batch: 220-38315		Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-38196		Initial Weight/Volume:	30.00 g
Dilution:	500			Final Weight/Volume:	10 mL
Date Analyzed:	05/10/2010 1900			Injection Volume:	1 uL
Date Prepared:	05/06/2010 0842			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0	*	24 - 150
DCB Decachlorobiphenyl	0	*	24 - 150

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-168508		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-168066		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-168127		Final Weight/Volume:	10 mL
Date Analyzed:	05/13/2010 0100			Injection Volume:	1 uL
Date Prepared:	05/11/2010 1227			Result Type:	PRIMARY
Date Leached:	05/10/2010 1854				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	96		50 - 150

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-168508		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-168066		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-168127		Final Weight/Volume:	10 mL
Date Analyzed:	05/13/2010 0100			Injection Volume:	1 uL
Date Prepared:	05/11/2010 1227			Result Type:	SECONDARY
Date Leached:	05/10/2010 1854				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	72		50 - 150

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid
% Moisture: 27.4

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

6010B Metals (ICP)

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 05/10/2010 1609
Date Prepared: 05/10/2010 1013

Analysis Batch: 220-38295
Prep Batch: 220-38276

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 2.03 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		14.5		2.3	7.1
Cadmium		0.77	J	0.34	1.7
Chromium		43.7		0.17	1.7
Lead		380		1.1	5.1
Selenium		4.2	U	4.2	12.7
Silver		0.78	J	0.085	1.7
Barium		79.7		0.085	1.7
Nickel		29.7		0.34	1.7
Copper		158		0.64	2.0
Zinc		339		1.7	8.5

6010B Metals (ICP)-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1325
Date Prepared: 05/07/2010 1106
Date Leached: 05/06/2010 1541

Analysis Batch: 220-38295
Prep Batch: 220-38241
Leachate Batch: 220-38226

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.020	U	0.020	0.075
Barium		0.45		0.0012	0.025
Cadmium		0.0060	J	0.0050	0.025
Chromium		0.0026	J	0.0025	0.025
Lead		0.40		0.012	0.075
Selenium		0.062	U	0.062	0.19
Silver		0.0012	U	0.0012	0.025
Copper		0.18		0.0075	0.050
Nickel		0.089		0.0050	0.025
Zinc		4.2		0.025	0.12

7470A Mercury (CVAA)-TCLP

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/12/2010 1511
Date Prepared: 05/12/2010 1046
Date Leached: 05/06/2010 1541

Analysis Batch: 220-38370
Prep Batch: 220-38348
Leachate Batch: 220-38226

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0010	U	0.0010	0.0020

Client: AKRF Inc

Job Number: 220-12119-1

Client Sample ID: **CE-Stockpile-69-1**

Lab Sample ID: 220-12119-7
Client Matrix: Solid

% Moisture: 27.4

Date Sampled: 05/03/2010 0947
Date Received: 05/04/2010 1845

7471A Mercury

Method:	7471A	Analysis Batch: 220-38366		Instrument ID:	MERC1
Preparation:	7471A	Prep Batch: 220-38306		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Date Analyzed:	05/12/2010 1344			Final Weight/Volume:	50 mL
Date Prepared:	05/11/2010 1053				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.92		0.0053	0.067

General Chemistry

Client Sample ID: CE-Stockpile-69A

Lab Sample ID: 220-12119-1 Date Sampled: 05/03/2010 0926
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	25.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N
Percent Solids	74.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile-69B**

Lab Sample ID: 220-12119-2 Date Sampled: 05/03/2010 0928
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N
Percent Solids	77.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile-69C**

Lab Sample ID: 220-12119-3 Date Sampled: 05/03/2010 0931
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N
Percent Solids	76.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: CE-Stockpile-69D

Lab Sample ID: 220-12119-4 Date Sampled: 05/03/2010 0935
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N
Percent Solids	71.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile-69E**

Lab Sample ID: 220-12119-5 Date Sampled: 05/04/2010 1146
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	31.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N
Percent Solids	68.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile-69F**

Lab Sample ID: 220-12119-6 Date Sampled: 05/04/2010 1148
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	43.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N
Percent Solids	56.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N

General Chemistry

Client Sample ID: CE-Stockpile-69-1

Lab Sample ID: 220-12119-7 Date Sampled: 05/03/2010 0947
Client Matrix: Solid % Moisture: 27.4 Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Halogens, Extractable Organic	24.0	J	mg/Kg	13.8	27.5	1.0	9023
Analysis Batch: 680-168230	Date Analyzed: 05/11/2010 1000					DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Ignitability	NO		mm/sec	2.2	2.2	1.0	1030
Analysis Batch: 460-37089	Date Analyzed: 05/11/2010 1238					DryWt Corrected: N	
Burn Rate	2.2	U	mm/sec	2.2	2.2	1.0	1030
Analysis Batch: 460-37089	Date Analyzed: 05/11/2010 1238					DryWt Corrected: N	
Cyanide, Reactive	0.50	U	mg/Kg	0.50	0.50	1.0	9012
Analysis Batch: 220-38281	Date Analyzed: 05/10/2010 1118					DryWt Corrected: N	
Prep Batch: 220-38277	Date Prepared: 05/06/2010 1520						
Sulfide, Reactive	20.0	U	mg/Kg	20.0	20.0	1.0	9034
Analysis Batch: 220-38285	Date Analyzed: 05/10/2010 1137					DryWt Corrected: N	
Prep Batch: 220-38284	Date Prepared: 05/06/2010 1445						
Total Sulfur	12700		mg/Kg	236	236	1.0	9038
Analysis Batch: 680-168265	Date Analyzed: 05/12/2010 1029					DryWt Corrected: Y	
Prep Batch: 680-168263	Date Prepared: 05/12/2010 0900						
pH	7.38	HF	SU	0.100	0.100	1.0	9045C
Analysis Batch: 220-38275	Date Analyzed: 05/10/2010 1203					DryWt Corrected: N	
Percent Moisture	27.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543					DryWt Corrected: N	
Percent Solids	72.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543					DryWt Corrected: N	

General Chemistry

Client Sample ID: **CE-Stockpile-68H**

Lab Sample ID: 220-12119-8 Date Sampled: 05/03/2010 0905
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N
Percent Solids	83.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N

General Chemistry

Client Sample ID: CE-Stockpile-68I

Lab Sample ID: 220-12119-9 Date Sampled: 05/03/2010 0908
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N
Percent Solids	90.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile-68J**

Lab Sample ID: 220-12119-10 Date Sampled: 05/03/2010 0911
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N
Percent Solids	87.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1543						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile-68K**

Lab Sample ID: 220-12119-11 Date Sampled: 05/03/2010 0915
Client Matrix: Solid Date Received: 05/04/2010 1845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1544						DryWt Corrected: N
Percent Solids	85.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-38194	Date Analyzed: 05/05/2010 1544						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: AKRF Inc Job Number: 220-12119-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	Surrogate exceeds the control limit
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits
	*	Surrogate exceeds the control limit
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	HF	Field parameter with a holding time of 15 minutes
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

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12119

TAL-0015 (1007)

Client	Project Manager	Date	Chain of Custody Number
Kate Brownes - AKRF	Kate Brownes	5.4.10	012039

Address	Telephone Number (Area Code)/Fax Number/e-mail address	Field Telephone Number	Page 1 of 2
440 Park Ave. S 7th Floor	646-388-9825		

City	State	Zip Code	Site Contact	Lab Contact
New York	NY	10016	Liz Baird	Erin Hoxsie

Project Name and Location (State): CE Flushing, NY

Sample Disposal: ☒ Disposal By Lab ☐ Return To Client ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Contract/Purchase Order/Project No.: 30141-0116

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Solid	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Other	Analysis (Attach list if more space is needed): TPH expanded to C44	Total SVOCs	Total VOCs	TAL Metals + Cu Ni + Zn	Total Metals + Cu Ni + Zn	Hexavalent Chromium	Ignitability + Corrosivity	Reactivity (Sulfur + Cyanide)	PCBs	Total Sulfur	TCLP SVOCs + Herbicides + Pesticides	Comments
CE-Stockpile-69A	5.3.10	0926		X		1							X	X	X									Limited volume, no 2oz for TCLP VOC. (KB) 5/5/10
CE-Stockpile-69B		0928		X		1							X	X										
CE-Stockpile-69C		0931		X		1							X	X										Label ID reads: CE-Stockpile-68C (KB) 5/5/10
CE-Stockpile-69D		0935		X		1							X	X										
CE-Stockpile-69E	5.4.10	1146		X		1							X	X										
CE-Stockpile-69F	5.4.10	1148		X		1							X	X										
CE-Stockpile-69-1	5.3.10			X		4									X	X	X	X	X	X	X	X		* no TCLP VOCs
																								#7, Time on labels read: 0947 (KB) 5/5/10

Page 79 of 84

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☒ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other _____

State Regulatory QC Requirements: Cat. A. Reliverable

	Relinquished By	Date	Time	Received By	Date	Time
1.		5.4.10	1305		5/4/10	1305
2.		5/4/10	1845		5/4/10	1845
3.				Cooler Temps: 2.3 c pde #1		

Passed Rad. Screen (Lab Use Only): ☒ Yes ☐ No

Comments: Full Analyte List: TPH expanded to C44; Total SVOCs; Total VOCs; TAL; Total + TCLP RCRA Metals + Cu Ni + Zn; Ignitability + Corrosivity; Reactivity (Sulfur + Cyanide); PCBs; Total Sulfur; TCLP SVOCs, Herbicides, + Pesticides.

05/17/2010

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

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12119

05/17/2010

TAL-0015 (1007)

Client	Project Manager	Date	Chain of Custody Number
AKRF, Inc.	~~[redacted]~~ Kate Burmiss	5-3-10	012034
Address	**Telephone Number (Area Code)/Fax Number/e-mail address**	**Field Telephone Number**	**Page 2 of 2**
440 Park Ave. S, 7th Floor	646-388-9525	917-613-5977	
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
NY / NY / 10016	Liz Baird	Erin Hrazate	
Project Name and Location (State)	**Sample Disposal** ☒ Disposal By Lab ☐ Return To Client ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)		
CE Flushing, NY			
Contract/Purchase Order/Project No.			
30141-0116			

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Matrix: Solid	Matrix: Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis: TCL SVOCs	Analysis: TPH-DRO	Comments
(8) CE-Stockpile-68H	5-3-10	0905		X			1						X	X	
(9) CE-Stockpile-68I	5-3-10	0908		X			1						X	X	
(10) CE-Stockpile-68J	5-3-10	0911		X			1						X	X	
(11) CE-Stockpile-68K	5-3-10	0915		X			1						X		

Page 76 of 81

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☒ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____

State Regulatory QC Requirements
Cat. A deliverables

	Date	Time		Date	Time
1. Relinquished By	5-4-10	1305	1. Received By	5/4/10	1305
2. Relinquished By	5/4/10	1840	2. Received By	5/4/10	1840
3. Received By			Cooler Temps	2.3c page #1	

Passed Rad. Screen (Lab Use Only) ☒ Yes ☐ No

Comments

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-12119-1

Login Number: 12119
List Source: TestAmerica Connecticut
Creator: Cedeno, Jorge
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	#3, label id differs from coc id.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	#1, no 2oz jar for TCLP Voc.
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	#1 has limited volume.
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	#1-6,8-10 splitting required for sub analysis.
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	N/A	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-12119-1

Login Number: 12119
List Source: TestAmerica Edison
Creator: Williams, Kenwyn
List Creation: 05/06/10 11:08 AM
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	Clear Tape
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	Soils only
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-12119-1

Login Number: 12119
List Source: TestAmerica Savannah
Creator: Daughtry, Beth
List Creation: 05/07/10 12:00 PM
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	True	

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

05/17/2010

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Arasate, Erin A	Carrier Tracking No(s):	COC No: 220-5381.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: erin.arasate@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Analysis Requested		Job #: 220-12119-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 5/12/2010			Preservation Codes:
City: Savannah	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #:			Other:
Email:	WO #:			
Project Name: CE Flushing Industrial Park	Project #: 22000246			
Site: CE Flushing Site	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9023/ 9023 - Extractable Organic Halides (EOX)	9038_Total_S/5050 9038 - Total Sulfur	8151A/1311_T 8151A - TCLP Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
CE-Stockpile-69-1 (220-12119-7)	5/3/10	09:47 Eastern		Solid			X	X	X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
K Blocksom	5/5/10 1548	TA CT	Beth A Daughtry	5.7.10 @ 0924	TASDV
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 10.8

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

#1R70 5.6°

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

05/17/2010

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Arasate, Erin A	Carrier Tracking No(s):	COC No: 220-5382.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: erin.arasate@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Analysis Requested		Job #: 220-12119-1
Address: 777 New Durham Road, ,	Due Date Requested: 5/12/2010			Preservation Codes:
City: Edison	TAT Requested (days):			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2SO3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - ph 4-5 L - EDA Z - other (specify) Other:
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: CE Flushing Industrial Park	Project #: 22000246			
Site: CE Flushing Site	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DRO/3546 8015BC-44 Extended Diesel Range	1030/ 1030 - Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
CE-Stockpile-69A (220-12119-1)	5/3/10	09:26 Eastern		Solid			X		1	
CE-Stockpile-69B (220-12119-2)	5/3/10	09:28 Eastern		Solid			X		1	
CE-Stockpile-69C (220-12119-3)	5/3/10	09:31 Eastern		Solid			X		1	
CE-Stockpile-69D (220-12119-4)	5/3/10	09:35 Eastern		Solid			X		1	
CE-Stockpile-69E (220-12119-5)	5/4/10	11:46 Eastern		Solid			X		1	
CE-Stockpile-69F (220-12119-6)	5/4/10	11:48 Eastern		Solid			X		1	
CE-Stockpile-69-1 (220-12119-7)	5/3/10	09:47 Eastern		Solid			X	X	1	
CE-Stockpile-68H (220-12119-8)	5/3/10	09:05 Eastern		Solid			X		1	
CE-Stockpile-68I (220-12119-9)	5/3/10	09:08 Eastern		Solid			X		1	
CE-Stockpile-68J (220-12119-10)	5/3/10	09:11 Eastern		Solid			X		1	

Page 81 of 81

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
K Blockum	5/5/10 1600	TAT	Fedex		
Relinquished by: Fedex	Date/Time:	Company	Received by:	Date/Time: 5-6-10 10:20	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-11841-1

SDG Number: 220-11845

Job Description: CE Flushing Industrial Park

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Erin A Arasate
Project Manager I
4/13/2010 5:16 PM

Erin A Arasate
Project Manager I
erin.arasate@testamericainc.com
04/13/2010

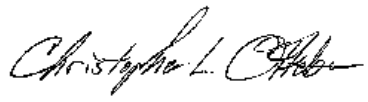
The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

Case Narrative for Job: 220-11841

Client: AKRF Inc
Date: April 13, 2010

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



Christopher L. Otterbein
Laboratory Director

April 13, 2010

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081A: The continuing calibration verification (CCV) analyzed on 04/07/10 at 19:22 on RTX-CLP 2 column recovered above the upper control limit for endrin and heptachlor epoxide. The sample associated with this CCV was non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 515.1, 8151A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 680-165005 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 9045C: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The associated sample has been qualified with the "HF" flag to indicate pH was performed in the laboratory outside the 15 minute timeframe.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11841-1	**CE-STOCKPILE 68-G**					
Methylene Chloride		4.1	J B	25	ug/Kg	8260B
1,3-Dichlorobenzene		26	J	340	ug/Kg	8270C
1,4-Dichlorobenzene		85	J	340	ug/Kg	8270C
Benzyl alcohol		62	J	340	ug/Kg	8270C
1,2,4-Trichlorobenzene		34	J	340	ug/Kg	8270C
Naphthalene		130	J	340	ug/Kg	8270C
2-Methylnaphthalene		57	J	340	ug/Kg	8270C
Acenaphthylene		32	J	340	ug/Kg	8270C
Acenaphthene		81	J	340	ug/Kg	8270C
Dibenzofuran		93	J	340	ug/Kg	8270C
Fluorene		110	J	340	ug/Kg	8270C
Phenanthrene		820		340	ug/Kg	8270C
Carbazole		78	J	340	ug/Kg	8270C
Anthracene		250	J	340	ug/Kg	8270C
Fluoranthene		1000		340	ug/Kg	8270C
Pyrene		1400		340	ug/Kg	8270C
Benzo[a]anthracene		600		340	ug/Kg	8270C
Chrysene		660		340	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		73	J	340	ug/Kg	8270C
Di-n-octyl phthalate		280	J	340	ug/Kg	8270C
Benzo[b]fluoranthene		630		340	ug/Kg	8270C
Benzo[k]fluoranthene		290	J	340	ug/Kg	8270C
Benzo[a]pyrene		620		340	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		540		340	ug/Kg	8270C
Dibenz(a,h)anthracene		120	J	340	ug/Kg	8270C
Benzo[g,h,i]perylene		490		340	ug/Kg	8270C
Diesel Range Organics (C10-C44)		19		11	mg/Kg	8015B
PCB-1254		1500	p	220	ug/Kg	8082
PCB-1260		1900		220	ug/Kg	8082
Arsenic		7.4		6.6	mg/Kg	6010B
Cadmium		0.44	J	1.6	mg/Kg	6010B
Chromium		23.1		1.6	mg/Kg	6010B
Lead		105		4.7	mg/Kg	6010B
Silver		1.1	J	1.6	mg/Kg	6010B
Barium		90.2		1.6	mg/Kg	6010B
Nickel		21.6		1.6	mg/Kg	6010B
Copper		68.2		1.9	mg/Kg	6010B
Zinc		137		7.9	mg/Kg	6010B
Mercury		0.29		0.062	mg/Kg	7471A
Ignitability		neg		2.2	mm/sec	1030
Temperature		1890		1.00	Fahrenheit	1030
Total Sulfur		937		241	mg/Kg	9038
pH		7.13	HF	0.100	SU	9045C
Percent Moisture		21.4		0.10	%	Moisture
Percent Solids		78.6		0.10	%	Moisture
TCLP						
Pentachlorophenol		0.00089	J	0.10	mg/L	8270C

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
4-Methylphenol		0.0012	J	0.020	mg/L	8270C
Barium		0.38		0.025	mg/L	6010B
Chromium		0.0040	J	0.025	mg/L	6010B
Lead		0.096		0.075	mg/L	6010B
Nickel		0.065		0.025	mg/L	6010B
Copper		0.083		0.050	mg/L	6010B
Zinc		1.1		0.12	mg/L	6010B
220-11841-2	**CE-STOCKPILE 68-F**					
Diesel Range Organics (C10-C44)		63		10	mg/Kg	8015B
Percent Moisture		13.7		0.10	%	Moisture
Percent Solids		86.3		0.10	%	Moisture

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
TCLP Extraction	TAL CT		SW846 1311
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
TCLP Extraction	TAL CT		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Automated Soxhlet Extraction	TAL CT		SW846 3541
Diesel Range Organics (DRO) (GC)	TAL EDI	SW846 8015B	
Microwave Extraction	TAL EDI		SW846 3546
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
TCLP Extraction	TAL CT		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
PCBs	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Herbicides (GC)	TAL SAV	SW846 8151A	
TCLP Extraction	TAL SAV		SW846 1311
Extraction (Herbicides)	TAL SAV		SW846 8151A
Metals (ICP)	TAL CT	SW846 6010B	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Metals	TAL CT		SW846 3050B
Preparation, Total Metals	TAL CT		SW846 3010A
Mercury (CVAA)	TAL CT	SW846 7470A	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Mercury	TAL CT		SW846 7470A
Mercury	TAL CT	SW846 7471A	
Preparation, Mercury	TAL CT		SW846 7471A
Ignitability, Solids	TAL CT	SW846 1030	
Cyanide, Reactive	TAL CT	SW846 9012	
Cyanide, Reactive	TAL CT		SW846 7.3.3
Organic Halides, Extractable (EOX)	TAL SAV	SW846 9023	
Sulfide, Reactive	TAL CT	SW846 9034	
Sulfide, Reactive	TAL CT		SW846 7.3.4
Sulfur, Total	TAL SAV	SW846 9038	
Bomb Preparation Method for Solid Waste	TAL SAV		SW846 5050
pH	TAL CT	SW846 9045C	
Percent Solid	TAL CT	EPA Moisture	

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Description	Lab Location	Method	Preparation Method

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Method	Analyst	Analyst ID
SW846 8260B	Lynch, Eon	EL
SW846 8270C	Jonas, Stephan	SJ
SW846 8015B	Barsoum, Sara	SB
SW846 8081A	Szymczuk, Magdalena	MS
SW846 8082	Dini, Tracy	TD
SW846 8151A	Eason, William T	WTE
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Voytek, Joseph F	JFV
SW846 7471A	Voytek, Joseph F	JFV
SW846 1030	Madumadu, Dave	DM
SW846 9012	Natoli, Richard A	RN
SW846 9023	Nelson, Christopher	CN
SW846 9034	Natoli, Richard A	RN
SW846 9038	Nelson, Christopher	CN
SW846 9045C	Mendoza, Julia	JM
EPA Moisture	Voytek, Joseph F	JFV

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-11841-1	CE-Stockpile 68-G	Solid	03/31/2010 1200	04/02/2010 1500
220-11841-2	CE-Stockpile 68-F	Solid	03/31/2010 1215	04/02/2010 1500

SAMPLE RESULTS

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 220-37484		Instrument ID:	MSN
Preparation:	5030B			Lab File ID:	N7209.D
Dilution:	1.0	Leachate Batch: 220-37304		Initial Weight/Volume:	5 mL
Date Analyzed:	04/08/2010 1645			Final Weight/Volume:	5 mL
Date Prepared:	04/08/2010 1645				
Date Leached:	04/06/2010 1524				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride		0.00098	U	0.00098	0.0050
1,1-Dichloroethene		0.00083	U	0.00083	0.0050
Methyl Ethyl Ketone		0.0011	U	0.0011	0.010
Chloroform		0.00067	U	0.00067	0.0050
Carbon tetrachloride		0.0011	U	0.0011	0.0050
Benzene		0.00074	U	0.00074	0.0050
1,2-Dichloroethane		0.00072	U	0.00072	0.0050
Trichloroethene		0.00062	U	0.00062	0.0050
Tetrachloroethene		0.00081	U	0.00081	0.0050
Chlorobenzene		0.00072	U	0.00072	0.0050

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	95		68 - 132
Toluene-d8 (Surr)	87		63 - 127

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/05/2010 1643
Date Prepared: 04/05/2010 1643

Analysis Batch: 220-37447

Instrument ID: MSO
Lab File ID: O6865.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		0.73	U	0.73	6.4
Bromodichloromethane		0.38	U	0.38	6.4
Bromoform		0.78	U	0.78	6.4
Bromomethane		2.6	U	2.6	6.4
Methyl Ethyl Ketone		2.0	U	2.0	13
Acetone		2.9	U	2.9	25
Carbon disulfide		0.52	U	0.52	6.4
Carbon tetrachloride		1.2	U	1.2	6.4
Chlorobenzene		0.75	U	0.75	6.4
Chloroethane		1.2	U	1.2	6.4
Chloroform		0.43	U	0.43	6.4
Chloromethane		0.99	U	0.99	6.4
Dibromochloromethane		0.45	U	0.45	6.4
1,1-Dichloroethane		0.38	U	0.38	6.4
1,2-Dichloroethane		0.74	U	0.74	6.4
1,1-Dichloroethene		0.74	U	0.74	6.4
1,2-Dichloropropane		0.85	U	0.85	6.4
cis-1,3-Dichloropropene		0.71	U	0.71	6.4
trans-1,3-Dichloropropene		0.34	U	0.34	6.4
Ethylbenzene		0.89	U	0.89	6.4
2-Hexanone		1.5	U	1.5	13
Methylene Chloride		4.1	J B	1.4	25
methyl isobutyl ketone		0.70	U	0.70	6.4
Styrene		0.19	U	0.19	6.4
1,1,2,2-Tetrachloroethane		0.66	U	0.66	6.4
Tetrachloroethene		1.0	U	1.0	6.4
Toluene		0.094	U	0.094	6.4
1,1,1-Trichloroethane		0.67	U	0.67	6.4
1,1,2-Trichloroethane		0.47	U	0.47	6.4
Trichloroethene		1.0	U	1.0	6.4
Vinyl chloride		0.29	U	0.29	6.4
Xylenes, Total		0.62	U	0.62	6.4
cis-1,2-Dichloroethene		0.47	U	0.47	6.4
trans-1,2-Dichloroethene		0.50	U	0.50	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		59 - 132
4-Bromofluorobenzene	46		34 - 124
Dibromofluoromethane	72		59 - 123
Toluene-d8 (Surr)	59		50 - 118

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 220-37352		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-37325		Lab File ID:	A10626.D
Dilution:	1.0	Leachate Batch: 220-37300		Initial Weight/Volume:	500 mL
Date Analyzed:	04/07/2010 1914			Final Weight/Volume:	1.0 mL
Date Prepared:	04/07/2010 1025			Injection Volume:	1 uL
Date Leached:	04/06/2010 1422				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.00062	U	0.00062	0.020
2,4-Dinitrotoluene		0.00080	U	0.00080	0.020
2,4,5-Trichlorophenol		0.00056	U	0.00056	0.10
2,4,6-Trichlorophenol		0.00074	U	0.00074	0.020
2-Methylphenol		0.00048	U	0.00048	0.020
Hexachlorobenzene		0.00066	U	0.00066	0.020
Hexachlorobutadiene		0.00040	U	0.00040	0.020
Hexachloroethane		0.00074	U	0.00074	0.020
Nitrobenzene		0.00056	U	0.00056	0.020
Pentachlorophenol		0.00089	J	0.00062	0.10
Pyridine		0.0077	U	0.0077	0.040
4-Methylphenol		0.0012	J	0.00058	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	70		29 - 126
2-Fluorobiphenyl	69		43 - 116
2-Fluorophenol	55		21 - 97
Nitrobenzene-d5	70		38 - 113
Terphenyl-d14	104		10 - 119
Phenol-d5	44		18 - 97

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-37275		Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-37249		Lab File ID:	C16582.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Date Analyzed:	04/05/2010 1515			Final Weight/Volume:	1 mL
Date Prepared:	04/05/2010 1038			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		23	U	23	340
Bis(2-chloroethyl)ether		18	U	18	340
2-Chlorophenol		20	U	20	340
1,3-Dichlorobenzene		26	J	17	340
1,4-Dichlorobenzene		85	J	20	340
Benzyl alcohol		62	J	32	340
1,2-Dichlorobenzene		20	U	20	340
2,2'-oxybis[1-chloropropane]		18	U	18	340
2-Methylphenol		21	U	21	340
Hexachloroethane		20	U	20	340
N-Nitrosodi-n-propylamine		23	U	23	340
4-Methylphenol		23	U	23	340
Nitrobenzene		22	U	22	340
Isophorone		19	U	19	340
2-Nitrophenol		22	U	22	340
2,4-Dimethylphenol		17	U	17	340
Bis(2-chloroethoxy)methane		16	U	16	340
2,4-Dichlorophenol		18	U	18	340
1,2,4-Trichlorobenzene		34	J	23	340
Naphthalene		130	J	18	340
4-Chloroaniline		56	U	56	340
Hexachlorobutadiene		26	U	26	340
4-Chloro-3-methylphenol		14	U	14	340
2-Methylnaphthalene		57	J	9.8	340
Hexachlorocyclopentadiene		160	U	160	850
2,4,6-Trichlorophenol		9.4	U	9.4	340
2,4,5-Trichlorophenol		17	U	17	2200
2-Chloronaphthalene		15	U	15	340
2-Nitroaniline		21	U	21	850
Acenaphthylene		32	J	17	340
Dimethyl phthalate		20	U	20	340
2,6-Dinitrotoluene		10	U	10	340
Acenaphthene		81	J	20	340
3-Nitroaniline		11	U	11	850
2,4-Dinitrophenol		100	U	100	2200
Dibenzofuran		93	J	24	340
2,4-Dinitrotoluene		27	U	27	340
4-Nitrophenol		26	U	26	2200
Fluorene		110	J	21	340
4-Chlorophenyl phenyl ether		25	U	25	340
Diethyl phthalate		35	U	35	340
4-Nitroaniline		26	U	26	340
4,6-Dinitro-2-methylphenol		150	U	150	2200
N-Nitrosodiphenylamine		19	U	19	340
4-Bromophenyl phenyl ether		22	U	22	340
Hexachlorobenzene		24	U	24	340

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-37275		Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-37249		Lab File ID:	C16582.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Date Analyzed:	04/05/2010 1515			Final Weight/Volume:	1 mL
Date Prepared:	04/05/2010 1038			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		210	U	210	850
Phenanthrene		820		17	340
Carbazole		78	J	19	340
Anthracene		250	J	13	340
Di-n-butyl phthalate		50	U	50	340
Fluoranthene		1000		17	340
Pyrene		1400		16	340
Butyl benzyl phthalate		19	U	19	340
3,3'-Dichlorobenzidine		71	U	71	420
Benzo[a]anthracene		600		12	340
Chrysene		660		25	340
Bis(2-ethylhexyl) phthalate		73	J	33	340
Di-n-octyl phthalate		280	J	19	340
Benzo[b]fluoranthene		630		9.2	340
Benzo[k]fluoranthene		290	J	31	340
Benzo[a]pyrene		620		9.3	340
Indeno[1,2,3-cd]pyrene		540		22	340
Dibenz(a,h)anthracene		120	J	27	340
Benzo[g,h,i]perylene		490		22	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	55		34 - 120
Phenol-d5	55		36 - 120
Nitrobenzene-d5	53		38 - 120
2-Fluorobiphenyl	59		41 - 120
2,4,6-Tribromophenol	61		37 - 120
Terphenyl-d14	75		32 - 125

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-34250	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-34171	Initial Weight/Volume: 15.03 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	04/08/2010 0952		Injection Volume: 1 uL
Date Prepared:	04/07/2010 1943		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		19		11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		47 - 131

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-F**

Lab Sample ID: 220-11841-2
Client Matrix: Solid
% Moisture: 13.7

Date Sampled: 03/31/2010 1215
Date Received: 04/02/2010 1500

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-34250	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-34171	Initial Weight/Volume: 15.01 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	04/08/2010 0920		Injection Volume: 1 uL
Date Prepared:	04/07/2010 1943		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		63		10	10

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	81		47 - 131

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8081A Organochlorine Pesticides (GC)-TCLP

Method:	8081A	Analysis Batch: 220-37354		Instrument ID:	GC8
Preparation:	3510C	Prep Batch: 220-37326		Initial Weight/Volume:	200 mL
Dilution:	1.0	Leachate Batch: 220-37300		Final Weight/Volume:	10.0 mL
Date Analyzed:	04/07/2010 1650			Injection Volume:	1 uL
Date Prepared:	04/07/2010 1028			Result Type:	PRIMARY
Date Leached:	04/06/2010 1422				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.00021	U	0.00021	0.0025
Endrin		0.000068	U	0.000068	0.00050
Heptachlor		0.000030	U	0.000030	0.00025
Heptachlor epoxide		0.000028	U	0.000028	0.00025
gamma-BHC (Lindane)		0.000028	U	0.000028	0.00025
Methoxychlor		0.00041	U	0.00041	0.0025
Toxaphene		0.00020	U	0.00020	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		29 - 156
Tetrachloro-m-xylene	81		53 - 144

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8081A Organochlorine Pesticides (GC)-TCLP

Method:	8081A	Analysis Batch: 220-37354		Instrument ID:	GC8
Preparation:	3510C	Prep Batch: 220-37326		Initial Weight/Volume:	200 mL
Dilution:	1.0	Leachate Batch: 220-37300		Final Weight/Volume:	10.0 mL
Date Analyzed:	04/07/2010 1650			Injection Volume:	1 uL
Date Prepared:	04/07/2010 1028			Result Type:	SECONDARY
Date Leached:	04/06/2010 1422				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		29 - 156
Tetrachloro-m-xylene	80		53 - 144

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8082 PCBs

Method:	8082	Analysis Batch: 220-37310		Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-37247		Initial Weight/Volume:	30.01 g
Dilution:	10			Final Weight/Volume:	10.0 mL
Date Analyzed:	04/06/2010 1151			Injection Volume:	1 uL
Date Prepared:	04/05/2010 1020			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		17	U	17	220
PCB-1221		17	U	17	220
PCB-1232		17	U	17	220
PCB-1242		17	U	17	220
PCB-1248		17	U	17	220
PCB-1254		1500	p	18	220
PCB-1260		1900		18	220

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	55		24 - 150
DCB Decachlorobiphenyl	81		24 - 150

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8082 PCBs

Method:	8082	Analysis Batch: 220-37310		Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-37247		Initial Weight/Volume:	30.01 g
Dilution:	10			Final Weight/Volume:	10.0 mL
Date Analyzed:	04/06/2010 1151			Injection Volume:	1 uL
Date Prepared:	04/05/2010 1020			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	54		24 - 150
DCB Decachlorobiphenyl	81		24 - 150

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-165302		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-165005		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-165047		Final Weight/Volume:	10 mL
Date Analyzed:	04/09/2010 0035			Injection Volume:	1 uL
Date Prepared:	04/07/2010 1206			Result Type:	PRIMARY
Date Leached:	04/06/2010 1811				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.050	U	0.050	0.050
Silvex (2,4,5-TP)		0.050	U	0.050	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	102		50 - 150

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 680-165302		Instrument ID:	SGS
Preparation:	8151A	Prep Batch: 680-165005		Initial Weight/Volume:	10 mL
Dilution:	1.0	Leachate Batch: 680-165047		Final Weight/Volume:	10 mL
Date Analyzed:	04/09/2010 0035			Injection Volume:	1 uL
Date Prepared:	04/07/2010 1206			Result Type:	SECONDARY
Date Leached:	04/06/2010 1811				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCAA	90		50 - 150

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

6010B Metals (ICP)

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 04/13/2010 1113
Date Prepared: 04/12/2010 1155
Analysis Batch: 220-37502
Prep Batch: 220-37460
Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 2.01 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		7.4		2.1	6.6
Cadmium		0.44	J	0.32	1.6
Chromium		23.1		0.16	1.6
Lead		105		0.98	4.7
Selenium		4.0	U	4.0	11.9
Silver		1.1	J	0.079	1.6
Barium		90.2		0.079	1.6
Nickel		21.6		0.32	1.6
Copper		68.2		0.60	1.9
Zinc		137		1.6	7.9

6010B Metals (ICP)-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 04/12/2010 1519
Date Prepared: 04/12/2010 0944
Date Leached: 04/06/2010 1422
Analysis Batch: 220-37475
Prep Batch: 220-37457
Leachate Batch: 220-37300
Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.020	U	0.020	0.075
Barium		0.38		0.0012	0.025
Cadmium		0.0050	U	0.0050	0.025
Chromium		0.0040	J	0.0025	0.025
Lead		0.096		0.012	0.075
Selenium		0.062	U	0.062	0.19
Silver		0.0012	U	0.0012	0.025
Nickel		0.065		0.0050	0.025
Copper		0.083		0.0075	0.050
Zinc		1.1		0.025	0.12

7470A Mercury (CVAA)-TCLP

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 04/12/2010 1402
Date Prepared: 04/12/2010 1043
Date Leached: 04/06/2010 1422
Analysis Batch: 220-37468
Prep Batch: 220-37458
Leachate Batch: 220-37300
Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0010	U	0.0010	0.0020

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

7471A Mercury

Method:	7471A	Analysis Batch: 220-37339		Instrument ID:	MERC1
Preparation:	7471A	Prep Batch: 220-37294		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Date Analyzed:	04/07/2010 1237			Final Weight/Volume:	50 mL
Date Prepared:	04/06/2010 1222				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.29		0.0049	0.062

General Chemistry

Client Sample ID: **CE-Stockpile 68-G**

Lab Sample ID: 220-11841-1
Client Matrix: Solid
% Moisture: 21.4
Date Sampled: 03/31/2010 1200
Date Received: 04/02/2010 1500

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Halogens, Extractable Organic	12.7	U	mg/Kg	12.7	25.4	1.0	9023
Analysis Batch: 680-165441	Date Analyzed: 04/12/2010 0930						DryWt Corrected: Y

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Ignitability	neg		mm/sec	2.2	2.2	1.0	1030
Analysis Batch: 220-37389	Date Analyzed: 04/08/2010 0920						DryWt Corrected: N
Temperature	1890		Fahrenheit	1.00	1.00	1.0	1030
Analysis Batch: 220-37389	Date Analyzed: 04/08/2010 0920						DryWt Corrected: N
Cyanide, Reactive	0.50	U	mg/Kg	0.50	0.50	1.0	9012
Analysis Batch: 220-37324	Date Analyzed: 04/07/2010 0957						DryWt Corrected: N
Prep Batch: 220-37314	Date Prepared: 04/06/2010 1430						
Sulfide, Reactive	20.0	U	mg/Kg	20.0	20.0	1.0	9034
Analysis Batch: 220-37431	Date Analyzed: 04/09/2010 1100						DryWt Corrected: N
Prep Batch: 220-37429	Date Prepared: 04/06/2010 1430						
Total Sulfur	937		mg/Kg	241	241	1.0	9038
Analysis Batch: 680-165214	Date Analyzed: 04/08/2010 1403						DryWt Corrected: Y
Prep Batch: 680-165213	Date Prepared: 04/08/2010 1225						
pH	7.13	HF	SU	0.100	0.100	1.0	9045C
Analysis Batch: 220-37291	Date Analyzed: 04/06/2010 1315						DryWt Corrected: N
Percent Moisture	21.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-37266	Date Analyzed: 04/05/2010 1559						DryWt Corrected: N
Percent Solids	78.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-37266	Date Analyzed: 04/05/2010 1559						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile 68-F**

Lab Sample ID: 220-11841-2
Client Matrix: Solid

Date Sampled: 03/31/2010 1215
Date Received: 04/02/2010 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-37266	Date Analyzed: 04/05/2010 1559						DryWt Corrected: N
Percent Solids	86.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-37266	Date Analyzed: 04/05/2010 1559						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-11841-1
Sdg Number: 220-11845

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	HF	Field parameter with a holding time of 15 minutes
	U	Indicates analyzed for but not detected.

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Kate Brunner	**Field Sampler:** Eric Kutter	**TAT Required (business days):** Std	**Lab PM/Contact:** Erin Arasate
Company: AKRF	**Mobile/Field Number:**		**Lab Job Number (Lab Use Only):**
Address: 440 Park Ave S	**E-Mail:**	**Deliverable Type (Report/EDD):** EDD + PDF by email	**Passed Rad Screen (Lab Use Only):** [ ] Yes [ ] No
City, State, Zip: NY, NY 10016	**PO #:**	**Sample Disposal:** [ ] Return to Client [ ] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Cooler Temperatures (Lab Use Only):** 0.5°C Probe
Phone: 646 388 9525	**WO #:**		
Email: Kbrunner@akrf.com	**Project #:** 30141	**State Regulatory QC Criteria Requirements:** NYS Cat. A	
Project Name/Site Location (State): CE Flushing	**SSOW#:**		

COC Number: 11411
Page 1 of 1
Carrier Tracking
Notes:

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

No. of Containers/Preservatives

Analysis (Attach list if more space is needed)

PA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	TPH - to C44	SVOCs	TCLP VOCs, SVOCs, Pest, Herb.	VOCs	TOX	RCRA Metals + Cu, Ni, Zn	TCLP Metals + Cu, Zn, Ni	Reac, Ignit, Corrosivity	PCB, Tot. Sulfur	Comments
	CE-Stockpile 68-G	3/31/10	1200	S	No	3							✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CE-Stockpile 68-F	3/31/10	1215	S	No	1							✓									

Relinquished by: Kate	Date/Time: 4/2/10 0800	Company AKRF	Received by:	Date/Time: 04/02/10 940	Company TAL/CT
Relinquished by:	Date/Time: 4/2/10 1445	Company TAL/CT	Received by:	Date/Time: 4-2-10 1502	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments: Clean Earth analyte list: TPH to C44; full TCLP; SVOCs; VOCs; Tox; Total & TCLP RCRA metals + Cu, Ni, Zn; Ignitability, Corrosivity, Reactivity, PCBs; Total Sulfur

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11841-1
SDG Number: 220-11845

Login Number: 11841
List Source: TestAmerica Connecticut
Creator: Teixeira, Maria L
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	#1, splitting required for sub analysis'.
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11841-1
SDG Number: 220-11845

Login Number: 11841
Creator: Williams, Kenwyn
List Number: 1

List Source: TestAmerica Edison
List Creation: 04/06/10 11:39 AM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	Taping
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	Soils only
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11841-1
SDG Number: 220-11845

Login Number: 11841
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 04/06/10 10:21 AM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	True	

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Arasate, Erin A	Carrier Tracking No(s):	COC No: 220-5242.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: erin.arasate@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 220-11841-1
Address: 777 New Durham Road, ,	Due Date Requested: 4/13/2010			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: CE Flushing Industrial Park	Project #: 22000246			
Site: CE Flushing Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DRO/3546 8015BC-44 Extended Diesel Range	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CE-Stockpile 68-G (220-11841-1)	3/31/10	12:00		Solid			X	1	
CE-Stockpile 68-F (220-11841-2)	3/31/10	12:15		Solid			X	1	

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	K. Block	4/5/10 1335	TAL			
2		4/6/10 10:00				
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0 thermo

Page 33 of 33

04/13/2010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-11286-1

SDG Number: 220-11286

Job Description: CE Flushing Industrial Park

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Joan Widomski
Data Review Analyst I
1/21/2010 2:40 PM

Designee for
Erin A Arasate
Project Manager I
erin.arasate@testamericainc.com
01/21/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1
Report Narrative 3
Executive Summary 5
Method Summary 12
Method / Analyst Summary 14
Sample Summary 15
Sample Results 16
Sample Datasheets 17
Data Qualifiers 53
Client Chain of Custody 54
Sample Receipt Checklist 55
Interlab Coc (where applicable) 58
Internal Coc (if required) 60

Case Narrative for Job: 220-11286

Client: AKRF Inc
Date: January 21, 2010

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

Lawrence Decker
Laboratory Director

January 21, 2010
Date

Job Narrative
220-11286-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Internal standard (ISTD) response for the following samples was outside control limits: CE-Stockpile 68-A (220-11286-1), CE-Stockpile 68-B (220-11286-2), CE-Stockpile 68-C (220-11286-3), CE-Stockpile 68-E (220-11286-5), CE-Stockpile 68-F (220-11286-6). The samples were re-analyzed with concurring results. The original set of data has been reported.

Method(s) 8270C: The tclp leachate blank 220-35113 for preparation batch 220-35126 contained Pentachlorophenol and 2,4,5 Trichlorophenol above the tclp reporting limit (RL). The sample associated with this leachate blank did not contain the target compounds; therefore, re-extraction was not performed.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082: Total PCB's =348ug/kg

No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 9045C: pH analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The associated sample has been qualified with the "HF" flag to indicate pH was performed in the laboratory outside the 15 minute timeframe.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11286-1	**CE-STOCKPILE 68-A**					
4-Methylphenol		110	J	390	ug/Kg	8270C
1,2,4-Trichlorobenzene		31	J	390	ug/Kg	8270C
Naphthalene		280	J	390	ug/Kg	8270C
2-Methylnaphthalene		110	J	390	ug/Kg	8270C
Acenaphthylene		91	J	390	ug/Kg	8270C
Acenaphthene		170	J	390	ug/Kg	8270C
Dibenzofuran		130	J	390	ug/Kg	8270C
Fluorene		210	J	390	ug/Kg	8270C
Phenanthrene		1500		390	ug/Kg	8270C
Carbazole		120	J	390	ug/Kg	8270C
Anthracene		440		390	ug/Kg	8270C
Di-n-butyl phthalate		150	J B	390	ug/Kg	8270C
Fluoranthene		2800		390	ug/Kg	8270C
Pyrene		4900		390	ug/Kg	8270C
Benzo[a]anthracene		1700		390	ug/Kg	8270C
Chrysene		1800		390	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		620	B	390	ug/Kg	8270C
Benzo[b]fluoranthene		2100		390	ug/Kg	8270C
Benzo[k]fluoranthene		760		390	ug/Kg	8270C
Benzo[a]pyrene		1700		390	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2100		390	ug/Kg	8270C
Dibenz(a,h)anthracene		500		390	ug/Kg	8270C
Benzo[g,h,i]perylene		1900		390	ug/Kg	8270C
Percent Moisture		30.7		0.10	%	Moisture
Percent Solids		69.3		0.10	%	Moisture
TCLP						
Methyl Ethyl Ketone		0.0025	J	0.010	mg/L	8260B
Chloroform		0.0026	J B	0.0050	mg/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11286-2	**CE-STOCKPILE 68-B**					
4-Methylphenol		140	J	390	ug/Kg	8270C
1,2,4-Trichlorobenzene		28	J	390	ug/Kg	8270C
Naphthalene		250	J	390	ug/Kg	8270C
2-Methylnaphthalene		97	J	390	ug/Kg	8270C
Acenaphthylene		97	J	390	ug/Kg	8270C
Acenaphthene		190	J	390	ug/Kg	8270C
Dibenzofuran		110	J	390	ug/Kg	8270C
Fluorene		240	J	390	ug/Kg	8270C
Phenanthrene		1500		390	ug/Kg	8270C
Carbazole		130	J	390	ug/Kg	8270C
Anthracene		410		390	ug/Kg	8270C
Di-n-butyl phthalate		160	J B	390	ug/Kg	8270C
Fluoranthene		2000		390	ug/Kg	8270C
Pyrene		4000		390	ug/Kg	8270C
Butyl benzyl phthalate		37	J	390	ug/Kg	8270C
Benzo[a]anthracene		1400		390	ug/Kg	8270C
Chrysene		1400		390	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		700	B	390	ug/Kg	8270C
Benzo[b]fluoranthene		1400		390	ug/Kg	8270C
Benzo[k]fluoranthene		580		390	ug/Kg	8270C
Benzo[a]pyrene		1400		390	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2100		390	ug/Kg	8270C
Dibenz(a,h)anthracene		490		390	ug/Kg	8270C
Benzo[g,h,i]perylene		2000		390	ug/Kg	8270C
Percent Moisture		31.1		0.10	%	Moisture
Percent Solids		68.9		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11286-3	**CE-STOCKPILE 68-C**					
4-Methylphenol		73	J	340	ug/Kg	8270C
1,2,4-Trichlorobenzene		26	J	340	ug/Kg	8270C
Naphthalene		180	J	340	ug/Kg	8270C
2-Methylnaphthalene		77	J	340	ug/Kg	8270C
Acenaphthylene		65	J	340	ug/Kg	8270C
Acenaphthene		110	J	340	ug/Kg	8270C
Dibenzofuran		86	J	340	ug/Kg	8270C
Fluorene		140	J	340	ug/Kg	8270C
Phenanthrene		1100		340	ug/Kg	8270C
Carbazole		100	J	340	ug/Kg	8270C
Anthracene		320	J	340	ug/Kg	8270C
Di-n-butyl phthalate		150	J B	340	ug/Kg	8270C
Fluoranthene		1800		340	ug/Kg	8270C
Pyrene		3600		340	ug/Kg	8270C
Butyl benzyl phthalate		31	J	340	ug/Kg	8270C
Benzo[a]anthracene		1300		340	ug/Kg	8270C
Chrysene		1400		340	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		630	B	340	ug/Kg	8270C
Benzo[b]fluoranthene		1400		340	ug/Kg	8270C
Benzo[k]fluoranthene		500		340	ug/Kg	8270C
Benzo[a]pyrene		1400		340	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1900		340	ug/Kg	8270C
Dibenz(a,h)anthracene		550		340	ug/Kg	8270C
Benzo[g,h,i]perylene		1800		340	ug/Kg	8270C
Percent Moisture		21.4		0.10	%	Moisture
Percent Solids		78.6		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11286-4	**CE-STOCKPILE 68-D**					
Naphthalene		620	J	7800	ug/Kg	8270C
2-Methylnaphthalene		310	J	7800	ug/Kg	8270C
Acenaphthene		1800	J	7800	ug/Kg	8270C
Dibenzofuran		4700	J	7800	ug/Kg	8270C
Fluorene		6500	J	7800	ug/Kg	8270C
Phenanthrene		27000		7800	ug/Kg	8270C
Carbazole		940	J	7800	ug/Kg	8270C
Anthracene		7400	J	7800	ug/Kg	8270C
Fluoranthene		47000		7800	ug/Kg	8270C
Pyrene		47000		7800	ug/Kg	8270C
Benzo[a]anthracene		25000		7800	ug/Kg	8270C
Chrysene		26000		7800	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		1700	J B	7800	ug/Kg	8270C
Benzo[b]fluoranthene		24000		7800	ug/Kg	8270C
Benzo[k]fluoranthene		7500	J	7800	ug/Kg	8270C
Benzo[a]pyrene		20000		7800	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		15000		7800	ug/Kg	8270C
Dibenz(a,h)anthracene		6800	J	7800	ug/Kg	8270C
Benzo[g,h,i]perylene		13000		7800	ug/Kg	8270C
Percent Moisture		31.1		0.10	%	Moisture
Percent Solids		68.9		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11286-5	**CE-STOCKPILE 68-E**					
4-Methylphenol		50	J	340	ug/Kg	8270C
1,2,4-Trichlorobenzene		23	J	340	ug/Kg	8270C
Naphthalene		180	J	340	ug/Kg	8270C
2-Methylnaphthalene		80	J	340	ug/Kg	8270C
Acenaphthylene		130	J	340	ug/Kg	8270C
Acenaphthene		120	J	340	ug/Kg	8270C
Dibenzofuran		96	J	340	ug/Kg	8270C
Fluorene		160	J	340	ug/Kg	8270C
Diethyl phthalate		42	J	340	ug/Kg	8270C
Phenanthrene		1200		340	ug/Kg	8270C
Carbazole		100	J	340	ug/Kg	8270C
Anthracene		320	J	340	ug/Kg	8270C
Di-n-butyl phthalate		160	J B	340	ug/Kg	8270C
Fluoranthene		1600		340	ug/Kg	8270C
Pyrene		3400		340	ug/Kg	8270C
Butyl benzyl phthalate		44	J	340	ug/Kg	8270C
Benzo[a]anthracene		1200		340	ug/Kg	8270C
Chrysene		1300		340	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		730	B	340	ug/Kg	8270C
Benzo[b]fluoranthene		1400		340	ug/Kg	8270C
Benzo[k]fluoranthene		520		340	ug/Kg	8270C
Benzo[a]pyrene		1400		340	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		1900		340	ug/Kg	8270C
Dibenz(a,h)anthracene		490		340	ug/Kg	8270C
Benzo[g,h,i]perylene		1800		340	ug/Kg	8270C
Percent Moisture		20.8		0.10	%	Moisture
Percent Solids		79.2		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11286-6	**CE-STOCKPILE 68-F**					
4-Methylphenol		60	J	350	ug/Kg	8270C
1,2,4-Trichlorobenzene		41	J	350	ug/Kg	8270C
Naphthalene		210	J	350	ug/Kg	8270C
2-Methylnaphthalene		90	J	350	ug/Kg	8270C
Acenaphthylene		220	J	350	ug/Kg	8270C
Acenaphthene		110	J	350	ug/Kg	8270C
Dibenzofuran		91	J	350	ug/Kg	8270C
Fluorene		150	J	350	ug/Kg	8270C
Phenanthrene		1100		350	ug/Kg	8270C
Carbazole		72	J	350	ug/Kg	8270C
Anthracene		380		350	ug/Kg	8270C
Di-n-butyl phthalate		150	J B	350	ug/Kg	8270C
Fluoranthene		1800		350	ug/Kg	8270C
Pyrene		3700		350	ug/Kg	8270C
Butyl benzyl phthalate		44	J	350	ug/Kg	8270C
Benzo[a]anthracene		1700		350	ug/Kg	8270C
Chrysene		1700		350	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		840	B	350	ug/Kg	8270C
Benzo[b]fluoranthene		1800		350	ug/Kg	8270C
Benzo[k]fluoranthene		730		350	ug/Kg	8270C
Benzo[a]pyrene		2000		350	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2400		350	ug/Kg	8270C
Dibenz(a,h)anthracene		730		350	ug/Kg	8270C
Benzo[g,h,i]perylene		2200		350	ug/Kg	8270C
Percent Moisture		24.0		0.10	%	Moisture
Percent Solids		76.0		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-11286-7	**CE-STOCKPILE 68-1**					
Methylene Chloride		11	J B	74	ug/Kg	8260B
Acetone		42	J *	74	ug/Kg	8260B
PCB-1254		78	p	26	ug/Kg	8082
PCB-1260		270		26	ug/Kg	8082
Arsenic		13.1		7.8	mg/Kg	6010B
Cadmium		1.7	J	1.9	mg/Kg	6010B
Chromium		25.4		1.9	mg/Kg	6010B
Lead		1310		5.6	mg/Kg	6010B
Silver		0.32	J	1.9	mg/Kg	6010B
Barium		461		1.9	mg/Kg	6010B
Nickel		21.2		1.9	mg/Kg	6010B
Copper		94.3		2.2	mg/Kg	6010B
Zinc		795		9.3	mg/Kg	6010B
Mercury		1.2		0.078	mg/Kg	7471A
Ignitability		Neg		2.2	mm/sec	1030
Temperature		1890		1.00	Fahrenheit	1030
Sulfide, Reactive		44.0		20.0	mg/Kg	9034
Total Sulfur		2300		265	mg/Kg	9038
pH		7.86	HF	0.100	SU	9045C
Percent Moisture		35.7		0.10	%	Moisture
Percent Solids		64.3		0.10	%	Moisture
TCLP						
Barium		0.70		0.025	mg/L	6010B
Lead		1.4		0.075	mg/L	6010B
Nickel		0.063		0.025	mg/L	6010B
Copper		0.012	J	0.050	mg/L	6010B
Zinc		3.1		0.12	mg/L	6010B

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
TCLP Extraction	TAL CT		SW846 1311
Closed System Purge and Trap	TAL CT		SW846 5035
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CT	SW846 8270C	
TCLP Extraction	TAL CT		SW846 1311
Automated Soxhlet Extraction	TAL CT		SW846 3541
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
Diesel Range Organics (DRO) (GC)	TAL EDI	SW846 8015B	
Microwave Extraction	TAL EDI		SW846 3546
Organochlorine Pesticides (GC)	TAL CT	SW846 8081A	
TCLP Extraction	TAL CT		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
PCBs	TAL CT	SW846 8082	
Ultrasonic Extraction	TAL CT		SW846 3550B
Herbicides (GC)	TAL EDI	SW846 8151A	
TCLP Extraction	TAL EDI		SW846 1311
Extraction (Herbicides)	TAL EDI		SW846 8151A
Metals (ICP)	TAL CT	SW846 6010B	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Metals	TAL CT		SW846 3050B
Preparation, Total Metals	TAL CT		SW846 3010A
Mercury (CVAA)	TAL CT	SW846 7470A	
TCLP Extraction	TAL CT		SW846 1311
Preparation, Mercury	TAL CT		SW846 7470A
Mercury	TAL CT	SW846 7471A	
Preparation, Mercury	TAL CT		SW846 7471A
Ignitability, Solids	TAL CT	SW846 1030	
Cyanide, Reactive	TAL CT	SW846 9012	
Cyanide, Reactive	TAL CT		SW846 7.3.3
Organic Halides, Extractable (EOX)	TAL SAV	SW846 9023	
Sulfide, Reactive	TAL CT	SW846 9034	
Sulfide, Reactive	TAL CT		SW846 7.3.4
Sulfur, Total	TAL SAV	SW846 9038	
Bomb Preparation Method for Solid Waste	TAL SAV		SW846 5050
pH	TAL CT	SW846 9045C	
Percent Solid	TAL CT	EPA Moisture	
Percent Moisture	TAL CT	EPA Moisture	

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Description	Lab Location	Method	Preparation Method

Lab References:

TAL CT = TestAmerica Connecticut

TAL EDI = TestAmerica Edison

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 8015B	Barsoum, Sara	SB
SW846 8081A	DeShields, Alison	AD
SW846 8082	Dini, Tracy	TD
SW846 8151A	Kapoor, Sita	SK
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Voytek, Joseph F	JFV
SW846 7471A	Voytek, Joseph F	JFV
SW846 1030	Nemeth, Doreen	DN
SW846 9012	Natoli, Richard A	RN
SW846 9023	Nelson, Christopher	CN
SW846 9034	Natoli, Richard A	RN
SW846 9038	Nelson, Christopher	CN
SW846 9045C	Mendoza, Julia	JM
EPA Moisture	Capece, Bill	BC

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-11286-1	CE-Stockpile 68-A	Solid	01/11/2010 1210	01/11/2010 1720
220-11286-2	CE-Stockpile 68-B	Solid	01/11/2010 1215	01/11/2010 1720
220-11286-3	CE-Stockpile 68-C	Solid	01/11/2010 1218	01/11/2010 1720
220-11286-4	CE-Stockpile 68-D	Solid	01/11/2010 1220	01/11/2010 1720
220-11286-5	CE-Stockpile 68-E	Solid	01/11/2010 1224	01/11/2010 1720
220-11286-6	CE-Stockpile 68-F	Solid	01/11/2010 1227	01/11/2010 1720
220-11286-7	CE-Stockpile 68-1	Solid	01/11/2010 1235	01/11/2010 1720

SAMPLE RESULTS

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-A**

Lab Sample ID: 220-11286-1
Client Matrix: Solid

Date Sampled: 01/11/2010 1210
Date Received: 01/11/2010 1720

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 220-35186		Instrument ID:	MSW
Preparation:	5030B			Lab File ID:	W0280.D
Dilution:	1.0	Leachate Batch: 220-35109		Initial Weight/Volume:	5 mL
Date Analyzed:	01/13/2010 1858			Final Weight/Volume:	5 mL
Date Prepared:	01/13/2010 1858				
Date Leached:	01/12/2010 1533				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Vinyl chloride		0.00098	U	0.00098	0.0050
1,1-Dichloroethene		0.00083	U	0.00083	0.0050
Methyl Ethyl Ketone		0.0025	J	0.0011	0.010
Chloroform		0.0026	J B	0.00067	0.0050
Carbon tetrachloride		0.0011	U	0.0011	0.0050
Benzene		0.00074	U	0.00074	0.0050
1,2-Dichloroethane		0.00072	U	0.00072	0.0050
Trichloroethene		0.00062	U	0.00062	0.0050
Tetrachloroethene		0.00081	U	0.00081	0.0050
Chlorobenzene		0.00072	U	0.00072	0.0050

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		65 - 136
4-Bromofluorobenzene	98		51 - 142
Dibromofluoromethane	116		68 - 132
Toluene-d8 (Surr)	100		63 - 127

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-35265		Instrument ID:	MSO
Preparation:	5035	Prep Batch: 220-35101		Lab File ID:	O5546.D
Dilution:	1.0			Initial Weight/Volume:	2.11 g
Date Analyzed:	01/18/2010 1511			Final Weight/Volume:	5 mL
Date Prepared:	01/12/2010 1427				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2.9	U	2.9	18
Vinyl chloride		0.85	U	0.85	18
Bromomethane		7.7	U	7.7	18
Chloroethane		3.6	U	3.6	18
1,1-Dichloroethene		2.1	U	2.1	18
Carbon disulfide		1.5	U	1.5	18
Methylene Chloride		11	J B	4.0	74
Acetone		42	J *	8.3	74
trans-1,2-Dichloroethene		1.4	U	1.4	18
1,1-Dichloroethane		1.1	U	1.1	18
cis-1,2-Dichloroethene		1.4	U	1.4	18
Chloroform		1.3	U	1.3	18
1,1,1-Trichloroethane		2.0	U	2.0	18
Carbon tetrachloride		3.5	U	3.5	18
Methyl Ethyl Ketone		5.9	U	5.9	37
Benzene		2.1	U	2.1	18
1,2-Dichloroethane		2.1	U	2.1	18
Trichloroethene		3.0	U	3.0	18
1,2-Dichloropropane		2.5	U	2.5	18
Bromodichloromethane		1.1	U	1.1	18
cis-1,3-Dichloropropene		2.1	U	2.1	18
trans-1,3-Dichloropropene		0.99	U	0.99	18
1,1,2-Trichloroethane		1.4	U	1.4	18
Toluene		0.27	U	0.27	18
methyl isobutyl ketone		2.0	U	2.0	18
Tetrachloroethene		3.0	U	3.0	18
Dibromochloromethane		1.3	U	1.3	18
2-Hexanone		4.4	U	4.4	37
Chlorobenzene		2.2	U	2.2	18
Ethylbenzene		2.6	U	2.6	18
Styrene		0.55	U	0.55	18
Bromoform		2.2	U	2.2	18
1,1,2,2-Tetrachloroethane		1.9	U	1.9	18
Xylenes, Total		1.8	U	1.8	18

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	80		59 - 123
1,2-Dichloroethane-d4 (Surr)	75		59 - 132
Toluene-d8 (Surr)	77		50 - 118
4-Bromofluorobenzene	68		34 - 124

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-A**

Lab Sample ID: 220-11286-1
Client Matrix: Solid
% Moisture: 30.7

Date Sampled: 01/11/2010 1210
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35348		Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-35125		Lab File ID:	C15808.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Date Analyzed:	01/20/2010 2143			Final Weight/Volume:	1.0 mL
Date Prepared:	01/13/2010 0914			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		26	U	26	390
Bis(2-chloroethyl)ether		20	U	20	390
2-Chlorophenol		23	U	23	390
1,3-Dichlorobenzene		19	U	19	390
1,4-Dichlorobenzene		23	U	23	390
Benzyl alcohol		37	U	37	390
1,2-Dichlorobenzene		23	U	23	390
2,2'-oxybis[1-chloropropane]		20	U	20	390
2-Methylphenol		23	U	23	390
Hexachloroethane		22	U	22	390
N-Nitrosodi-n-propylamine		26	U	26	390
4-Methylphenol		110	J	26	390
Nitrobenzene		25	U	25	390
Isophorone		21	U	21	390
2-Nitrophenol		25	U	25	390
2,4-Dimethylphenol		19	U	19	390
Bis(2-chloroethoxy)methane		18	U	18	390
2,4-Dichlorophenol		21	U	21	390
1,2,4-Trichlorobenzene		31	J	26	390
Naphthalene		280	J	20	390
4-Chloroaniline		63	U	63	390
Hexachlorobutadiene		30	U	30	390
4-Chloro-3-methylphenol		16	U	16	390
2-Methylnaphthalene		110	J	11	390
Hexachlorocyclopentadiene		180	U	180	970
2,4,6-Trichlorophenol		11	U	11	390
2,4,5-Trichlorophenol		20	U	20	2500
2-Chloronaphthalene		17	U	17	390
2-Nitroaniline		24	U	24	970
Acenaphthylene		91	J	19	390
Dimethyl phthalate		22	U	22	390
2,6-Dinitrotoluene		11	U	11	390
Acenaphthene		170	J	23	390
3-Nitroaniline		12	U	12	970
2,4-Dinitrophenol		120	U	120	2500
Dibenzofuran		130	J	27	390
2,4-Dinitrotoluene		31	U	31	390
4-Nitrophenol		29	U	29	2500
Fluorene		210	J	23	390
4-Chlorophenyl phenyl ether		29	U	29	390
Diethyl phthalate		39	U	39	390
4-Nitroaniline		30	U	30	390
4,6-Dinitro-2-methylphenol		170	U	170	2500
N-Nitrosodiphenylamine		22	U	22	390
4-Bromophenyl phenyl ether		25	U	25	390
Hexachlorobenzene		27	U	27	390

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-A**

Lab Sample ID: 220-11286-1
Client Matrix: Solid
% Moisture: 30.7

Date Sampled: 01/11/2010 1210
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35348	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-35125	Lab File ID: C15808.D
Dilution:	1.0		Initial Weight/Volume: 15.01 g
Date Analyzed:	01/20/2010 2143		Final Weight/Volume: 1.0 mL
Date Prepared:	01/13/2010 0914		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		240	U	240	970
Phenanthrene		1500		19	390
Carbazole		120	J	22	390
Anthracene		440		15	390
Di-n-butyl phthalate		150	J B	57	390
Fluoranthene		2800		19	390
Pyrene		4900		18	390
Butyl benzyl phthalate		22	U	22	390
3,3'-Dichlorobenzidine		80	U	80	480
Benzo[a]anthracene		1700		14	390
Chrysene		1800		29	390
Bis(2-ethylhexyl) phthalate		620	B	38	390
Di-n-octyl phthalate		22	U	22	390
Benzo[b]fluoranthene		2100		10	390
Benzo[k]fluoranthene		760		35	390
Benzo[a]pyrene		1700		11	390
Indeno[1,2,3-cd]pyrene		2100		25	390
Dibenz(a,h)anthracene		500		31	390
Benzo[g,h,i]perylene		1900		25	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	68		34 - 120
Phenol-d5	74		36 - 120
Nitrobenzene-d5	65		38 - 120
2-Fluorobiphenyl	70		41 - 120
2,4,6-Tribromophenol	90		37 - 120
Terphenyl-d14	133	*	32 - 125

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-B**

Lab Sample ID: 220-11286-2
Client Matrix: Solid
% Moisture: 31.1

Date Sampled: 01/11/2010 1215
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-35125		Lab File ID:	A9571.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Date Analyzed:	01/14/2010 1331			Final Weight/Volume:	1.0 mL
Date Prepared:	01/13/2010 0914			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		26	U	26	390
Bis(2-chloroethyl)ether		20	U	20	390
2-Chlorophenol		23	U	23	390
1,3-Dichlorobenzene		20	U	20	390
1,4-Dichlorobenzene		23	U	23	390
Benzyl alcohol		37	U	37	390
1,2-Dichlorobenzene		23	U	23	390
2,2'-oxybis[1-chloropropane]		20	U	20	390
2-Methylphenol		23	U	23	390
Hexachloroethane		22	U	22	390
N-Nitrosodi-n-propylamine		26	U	26	390
4-Methylphenol		140	J	26	390
Nitrobenzene		25	U	25	390
Isophorone		22	U	22	390
2-Nitrophenol		25	U	25	390
2,4-Dimethylphenol		19	U	19	390
Bis(2-chloroethoxy)methane		18	U	18	390
2,4-Dichlorophenol		21	U	21	390
1,2,4-Trichlorobenzene		28	J	26	390
Naphthalene		250	J	20	390
4-Chloroaniline		64	U	64	390
Hexachlorobutadiene		30	U	30	390
4-Chloro-3-methylphenol		16	U	16	390
2-Methylnaphthalene		97	J	11	390
Hexachlorocyclopentadiene		180	U	180	970
2,4,6-Trichlorophenol		11	U	11	390
2,4,5-Trichlorophenol		20	U	20	2500
2-Chloronaphthalene		17	U	17	390
2-Nitroaniline		24	U	24	970
Acenaphthylene		97	J	19	390
Dimethyl phthalate		22	U	22	390
2,6-Dinitrotoluene		11	U	11	390
Acenaphthene		190	J	23	390
3-Nitroaniline		12	U	12	970
2,4-Dinitrophenol		120	U	120	2500
Dibenzofuran		110	J	28	390
2,4-Dinitrotoluene		31	U	31	390
4-Nitrophenol		30	U	30	2500
Fluorene		240	J	23	390
4-Chlorophenyl phenyl ether		29	U	29	390
Diethyl phthalate		39	U	39	390
4-Nitroaniline		30	U	30	390
4,6-Dinitro-2-methylphenol		170	U	170	2500
N-Nitrosodiphenylamine		22	U	22	390
4-Bromophenyl phenyl ether		25	U	25	390
Hexachlorobenzene		27	U	27	390

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-B**

Lab Sample ID: 220-11286-2
Client Matrix: Solid
% Moisture: 31.1

Date Sampled: 01/11/2010 1215
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-35125	Lab File ID: A9571.D
Dilution:	1.0		Initial Weight/Volume: 15.03 g
Date Analyzed:	01/14/2010 1331		Final Weight/Volume: 1.0 mL
Date Prepared:	01/13/2010 0914		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		240	U	240	970
Phenanthrene		1500		19	390
Carbazole		130	J	22	390
Anthracene		410		15	390
Di-n-butyl phthalate		160	J B	57	390
Fluoranthene		2000		19	390
Pyrene		4000		18	390
Butyl benzyl phthalate		37	J	22	390
3,3'-Dichlorobenzidine		80	U	80	480
Benzo[a]anthracene		1400		14	390
Chrysene		1400		29	390
Bis(2-ethylhexyl) phthalate		700	B	38	390
Di-n-octyl phthalate		22	U	22	390
Benzo[b]fluoranthene		1400		10	390
Benzo[k]fluoranthene		580		35	390
Benzo[a]pyrene		1400		11	390
Indeno[1,2,3-cd]pyrene		2100		25	390
Dibenz(a,h)anthracene		490		31	390
Benzo[g,h,i]perylene		2000		25	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	64		34 - 120
Phenol-d5	66		36 - 120
Nitrobenzene-d5	62		38 - 120
2-Fluorobiphenyl	68		41 - 120
2,4,6-Tribromophenol	73		37 - 120
Terphenyl-d14	127	*	32 - 125

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-C**

Lab Sample ID: 220-11286-3
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 01/11/2010 1218
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-35125		Lab File ID:	A9572.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Date Analyzed:	01/14/2010 1359			Final Weight/Volume:	1.0 mL
Date Prepared:	01/13/2010 0914			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		23	U	23	340
Bis(2-chloroethyl)ether		18	U	18	340
2-Chlorophenol		20	U	20	340
1,3-Dichlorobenzene		17	U	17	340
1,4-Dichlorobenzene		20	U	20	340
Benzyl alcohol		32	U	32	340
1,2-Dichlorobenzene		20	U	20	340
2,2'-oxybis[1-chloropropane]		18	U	18	340
2-Methylphenol		21	U	21	340
Hexachloroethane		20	U	20	340
N-Nitrosodi-n-propylamine		23	U	23	340
4-Methylphenol		73	J	22	340
Nitrobenzene		22	U	22	340
Isophorone		19	U	19	340
2-Nitrophenol		22	U	22	340
2,4-Dimethylphenol		17	U	17	340
Bis(2-chloroethoxy)methane		16	U	16	340
2,4-Dichlorophenol		18	U	18	340
1,2,4-Trichlorobenzene		26	J	22	340
Naphthalene		180	J	18	340
4-Chloroaniline		56	U	56	340
Hexachlorobutadiene		26	U	26	340
4-Chloro-3-methylphenol		14	U	14	340
2-Methylnaphthalene		77	J	9.8	340
Hexachlorocyclopentadiene		160	U	160	850
2,4,6-Trichlorophenol		9.4	U	9.4	340
2,4,5-Trichlorophenol		17	U	17	2200
2-Chloronaphthalene		15	U	15	340
2-Nitroaniline		21	U	21	850
Acenaphthylene		65	J	17	340
Dimethyl phthalate		20	U	20	340
2,6-Dinitrotoluene		10	U	10	340
Acenaphthene		110	J	20	340
3-Nitroaniline		11	U	11	850
2,4-Dinitrophenol		100	U	100	2200
Dibenzofuran		86	J	24	340
2,4-Dinitrotoluene		27	U	27	340
4-Nitrophenol		26	U	26	2200
Fluorene		140	J	21	340
4-Chlorophenyl phenyl ether		25	U	25	340
Diethyl phthalate		34	U	34	340
4-Nitroaniline		26	U	26	340
4,6-Dinitro-2-methylphenol		150	U	150	2200
N-Nitrosodiphenylamine		19	U	19	340
4-Bromophenyl phenyl ether		22	U	22	340
Hexachlorobenzene		24	U	24	340

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-C**

Lab Sample ID: 220-11286-3
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 01/11/2010 1218
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-35125		Lab File ID:	A9572.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Date Analyzed:	01/14/2010 1359			Final Weight/Volume:	1.0 mL
Date Prepared:	01/13/2010 0914			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		210	U	210	850
Phenanthrene		1100		17	340
Carbazole		100	J	19	340
Anthracene		320	J	13	340
Di-n-butyl phthalate		150	J B	50	340
Fluoranthene		1800		17	340
Pyrene		3600		16	340
Butyl benzyl phthalate		31	J	19	340
3,3'-Dichlorobenzidine		70	U	70	420
Benzo[a]anthracene		1300		12	340
Chrysene		1400		25	340
Bis(2-ethylhexyl) phthalate		630	B	33	340
Di-n-octyl phthalate		19	U	19	340
Benzo[b]fluoranthene		1400		9.1	340
Benzo[k]fluoranthene		500		31	340
Benzo[a]pyrene		1400		9.3	340
Indeno[1,2,3-cd]pyrene		1900		22	340
Dibenz(a,h)anthracene		550		27	340
Benzo[g,h,i]perylene		1800		22	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	66		34 - 120
Phenol-d5	69		36 - 120
Nitrobenzene-d5	64		38 - 120
2-Fluorobiphenyl	68		41 - 120
2,4,6-Tribromophenol	76		37 - 120
Terphenyl-d14	131	*	32 - 125

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-D**

Lab Sample ID: 220-11286-4
Client Matrix: Solid
% Moisture: 31.1

Date Sampled: 01/11/2010 1220
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35350		Instrument ID:	MSZ
Preparation:	3541	Prep Batch: 220-35125		Lab File ID:	Z15017.D
Dilution:	20			Initial Weight/Volume:	15.00 g
Date Analyzed:	01/21/2010 0639			Final Weight/Volume:	1.0 mL
Date Prepared:	01/13/2010 0914			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		520	U	520	7800
Bis(2-chloroethyl)ether		410	U	410	7800
2-Chlorophenol		460	U	460	7800
1,3-Dichlorobenzene		390	U	390	7800
1,4-Dichlorobenzene		460	U	460	7800
Benzyl alcohol		740	U	740	7800
1,2-Dichlorobenzene		460	U	460	7800
2,2'-oxybis[1-chloropropane]		410	U	410	7800
2-Methylphenol		470	U	470	7800
Hexachloroethane		450	U	450	7800
N-Nitrosodi-n-propylamine		530	U	530	7800
4-Methylphenol		510	U	510	7800
Nitrobenzene		500	U	500	7800
Isophorone		430	U	430	7800
2-Nitrophenol		490	U	490	7800
2,4-Dimethylphenol		380	U	380	7800
Bis(2-chloroethoxy)methane		360	U	360	7800
2,4-Dichlorophenol		420	U	420	7800
1,2,4-Trichlorobenzene		510	U	510	7800
Naphthalene		620	J	410	7800
4-Chloroaniline		1300	U	1300	7800
Hexachlorobutadiene		600	U	600	7800
4-Chloro-3-methylphenol		320	U	320	7800
2-Methylnaphthalene		310	J	220	7800
Hexachlorocyclopentadiene		3700	U	3700	19000
2,4,6-Trichlorophenol		210	U	210	7800
2,4,5-Trichlorophenol		390	U	390	49000
2-Chloronaphthalene		330	U	330	7800
2-Nitroaniline		480	U	480	19000
Acenaphthylene		380	U	380	7800
Dimethyl phthalate		450	U	450	7800
2,6-Dinitrotoluene		230	U	230	7800
Acenaphthene		1800	J	460	7800
3-Nitroaniline		250	U	250	19000
2,4-Dinitrophenol		2400	U	2400	49000
Dibenzofuran		4700	J	550	7800
2,4-Dinitrotoluene		620	U	620	7800
4-Nitrophenol		590	U	590	49000
Fluorene		6500	J	470	7800
4-Chlorophenyl phenyl ether		580	U	580	7800
Diethyl phthalate		790	U	790	7800
4-Nitroaniline		600	U	600	7800
4,6-Dinitro-2-methylphenol		3400	U	3400	49000
N-Nitrosodiphenylamine		440	U	440	7800
4-Bromophenyl phenyl ether		500	U	500	7800
Hexachlorobenzene		540	U	540	7800

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-D**

Lab Sample ID: 220-11286-4
Client Matrix: Solid
% Moisture: 31.1

Date Sampled: 01/11/2010 1220
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35350	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-35125	Lab File ID: Z15017.D
Dilution:	20		Initial Weight/Volume: 15.00 g
Date Analyzed:	01/21/2010 0639		Final Weight/Volume: 1.0 mL
Date Prepared:	01/13/2010 0914		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		4800	U	4800	19000
Phenanthrene		27000		390	7800
Carbazole		940	J	440	7800
Anthracene		7400	J	300	7800
Di-n-butyl phthalate		1100	U	1100	7800
Fluoranthene		47000		390	7800
Pyrene		47000		370	7800
Butyl benzyl phthalate		440	U	440	7800
3,3'-Dichlorobenzidine		1600	U	1600	9600
Benzo[a]anthracene		25000		280	7800
Chrysene		26000		580	7800
Bis(2-ethylhexyl) phthalate		1700	J B	760	7800
Di-n-octyl phthalate		440	U	440	7800
Benzo[b]fluoranthene		24000		210	7800
Benzo[k]fluoranthene		7500	J	700	7800
Benzo[a]pyrene		20000		210	7800
Indeno[1,2,3-cd]pyrene		15000		510	7800
Dibenz(a,h)anthracene		6800	J	620	7800
Benzo[g,h,i]perylene		13000		510	7800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	77		34 - 120
Phenol-d5	88		36 - 120
Nitrobenzene-d5	79		38 - 120
2-Fluorobiphenyl	97		41 - 120
2,4,6-Tribromophenol	99		37 - 120
Terphenyl-d14	103		32 - 125

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-E**

Lab Sample ID: 220-11286-5
Client Matrix: Solid
% Moisture: 20.8

Date Sampled: 01/11/2010 1224
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-35125		Lab File ID:	A9574.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Date Analyzed:	01/14/2010 1455			Final Weight/Volume:	1.0 mL
Date Prepared:	01/13/2010 0914			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		23	U	23	340
Bis(2-chloroethyl)ether		18	U	18	340
2-Chlorophenol		20	U	20	340
1,3-Dichlorobenzene		17	U	17	340
1,4-Dichlorobenzene		20	U	20	340
Benzyl alcohol		32	U	32	340
1,2-Dichlorobenzene		20	U	20	340
2,2'-oxybis[1-chloropropane]		18	U	18	340
2-Methylphenol		20	U	20	340
Hexachloroethane		19	U	19	340
N-Nitrosodi-n-propylamine		23	U	23	340
4-Methylphenol		50	J	22	340
Nitrobenzene		22	U	22	340
Isophorone		19	U	19	340
2-Nitrophenol		21	U	21	340
2,4-Dimethylphenol		16	U	16	340
Bis(2-chloroethoxy)methane		16	U	16	340
2,4-Dichlorophenol		18	U	18	340
1,2,4-Trichlorobenzene		23	J	22	340
Naphthalene		180	J	18	340
4-Chloroaniline		55	U	55	340
Hexachlorobutadiene		26	U	26	340
4-Chloro-3-methylphenol		14	U	14	340
2-Methylnaphthalene		80	J	9.7	340
Hexachlorocyclopentadiene		160	U	160	840
2,4,6-Trichlorophenol		9.3	U	9.3	340
2,4,5-Trichlorophenol		17	U	17	2100
2-Chloronaphthalene		14	U	14	340
2-Nitroaniline		21	U	21	840
Acenaphthylene		130	J	17	340
Dimethyl phthalate		19	U	19	340
2,6-Dinitrotoluene		9.9	U	9.9	340
Acenaphthene		120	J	20	340
3-Nitroaniline		11	U	11	840
2,4-Dinitrophenol		100	U	100	2100
Dibenzofuran		96	J	24	340
2,4-Dinitrotoluene		27	U	27	340
4-Nitrophenol		26	U	26	2100
Fluorene		160	J	20	340
4-Chlorophenyl phenyl ether		25	U	25	340
Diethyl phthalate		42	J	34	340
4-Nitroaniline		26	U	26	340
4,6-Dinitro-2-methylphenol		150	U	150	2100
N-Nitrosodiphenylamine		19	U	19	340
4-Bromophenyl phenyl ether		22	U	22	340
Hexachlorobenzene		24	U	24	340

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-E**

Lab Sample ID: 220-11286-5
Client Matrix: Solid
% Moisture: 20.8

Date Sampled: 01/11/2010 1224
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-35125	Lab File ID: A9574.D
Dilution:	1.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	01/14/2010 1455		Final Weight/Volume: 1.0 mL
Date Prepared:	01/13/2010 0914		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		210	U	210	840
Phenanthrene		1200		17	340
Carbazole		100	J	19	340
Anthracene		320	J	13	340
Di-n-butyl phthalate		160	J B	49	340
Fluoranthene		1600		17	340
Pyrene		3400		16	340
Butyl benzyl phthalate		44	J	19	340
3,3'-Dichlorobenzidine		70	U	70	420
Benzo[a]anthracene		1200		12	340
Chrysene		1300		25	340
Bis(2-ethylhexyl) phthalate		730	B	33	340
Di-n-octyl phthalate		19	U	19	340
Benzo[b]fluoranthene		1400		9.1	340
Benzo[k]fluoranthene		520		30	340
Benzo[a]pyrene		1400		9.2	340
Indeno[1,2,3-cd]pyrene		1900		22	340
Dibenz(a,h)anthracene		490		27	340
Benzo[g,h,i]perylene		1800		22	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	59		34 - 120
Phenol-d5	64		36 - 120
Nitrobenzene-d5	58		38 - 120
2-Fluorobiphenyl	68		41 - 120
2,4,6-Tribromophenol	76		37 - 120
Terphenyl-d14	146	*	32 - 125

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-F**

Lab Sample ID: 220-11286-6
Client Matrix: Solid
% Moisture: 24.0

Date Sampled: 01/11/2010 1227
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162		Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-35125		Lab File ID:	A9575.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Date Analyzed:	01/14/2010 1523			Final Weight/Volume:	1.0 mL
Date Prepared:	01/13/2010 0914			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		23	U	23	350
Bis(2-chloroethyl)ether		18	U	18	350
2-Chlorophenol		21	U	21	350
1,3-Dichlorobenzene		18	U	18	350
1,4-Dichlorobenzene		21	U	21	350
Benzyl alcohol		33	U	33	350
1,2-Dichlorobenzene		21	U	21	350
2,2'-oxybis[1-chloropropane]		18	U	18	350
2-Methylphenol		21	U	21	350
Hexachloroethane		20	U	20	350
N-Nitrosodi-n-propylamine		24	U	24	350
4-Methylphenol		60	J	23	350
Nitrobenzene		23	U	23	350
Isophorone		20	U	20	350
2-Nitrophenol		22	U	22	350
2,4-Dimethylphenol		17	U	17	350
Bis(2-chloroethoxy)methane		16	U	16	350
2,4-Dichlorophenol		19	U	19	350
1,2,4-Trichlorobenzene		41	J	23	350
Naphthalene		210	J	18	350
4-Chloroaniline		58	U	58	350
Hexachlorobutadiene		27	U	27	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		90	J	10	350
Hexachlorocyclopentadiene		170	U	170	880
2,4,6-Trichlorophenol		9.7	U	9.7	350
2,4,5-Trichlorophenol		18	U	18	2200
2-Chloronaphthalene		15	U	15	350
2-Nitroaniline		22	U	22	880
Acenaphthylene		220	J	17	350
Dimethyl phthalate		20	U	20	350
2,6-Dinitrotoluene		10	U	10	350
Acenaphthene		110	J	21	350
3-Nitroaniline		11	U	11	880
2,4-Dinitrophenol		110	U	110	2200
Dibenzofuran		91	J	25	350
2,4-Dinitrotoluene		28	U	28	350
4-Nitrophenol		27	U	27	2200
Fluorene		150	J	21	350
4-Chlorophenyl phenyl ether		26	U	26	350
Diethyl phthalate		36	U	36	350
4-Nitroaniline		27	U	27	350
4,6-Dinitro-2-methylphenol		150	U	150	2200
N-Nitrosodiphenylamine		20	U	20	350
4-Bromophenyl phenyl ether		23	U	23	350
Hexachlorobenzene		25	U	25	350

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-F**

Lab Sample ID: 220-11286-6
Client Matrix: Solid
% Moisture: 24.0

Date Sampled: 01/11/2010 1227
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-35162	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-35125	Lab File ID: A9575.D
Dilution:	1.0		Initial Weight/Volume: 15.04 g
Date Analyzed:	01/14/2010 1523		Final Weight/Volume: 1.0 mL
Date Prepared:	01/13/2010 0914		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		220	U	220	880
Phenanthrene		1100		17	350
Carbazole		72	J	20	350
Anthracene		380		14	350
Di-n-butyl phthalate		150	J B	51	350
Fluoranthene		1800		18	350
Pyrene		3700		17	350
Butyl benzyl phthalate		44	J	20	350
3,3'-Dichlorobenzidine		73	U	73	430
Benzo[a]anthracene		1700		13	350
Chrysene		1700		26	350
Bis(2-ethylhexyl) phthalate		840	B	34	350
Di-n-octyl phthalate		20	U	20	350
Benzo[b]fluoranthene		1800		9.4	350
Benzo[k]fluoranthene		730		32	350
Benzo[a]pyrene		2000		9.6	350
Indeno[1,2,3-cd]pyrene		2400		23	350
Dibenz(a,h)anthracene		730		28	350
Benzo[g,h,i]perylene		2200		23	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	69		34 - 120
Phenol-d5	71		36 - 120
Nitrobenzene-d5	68		38 - 120
2-Fluorobiphenyl	74		41 - 120
2,4,6-Tribromophenol	69		37 - 120
Terphenyl-d14	131	*	32 - 125

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 220-35304		Instrument ID:	MSC
Preparation:	3510C	Prep Batch: 220-35256		Lab File ID:	C15768.D
Dilution:	1.0	Leachate Batch: 220-35113		Initial Weight/Volume:	250 mL
Date Analyzed:	01/19/2010 1729			Final Weight/Volume:	.5 mL
Date Prepared:	01/19/2010 0934			Injection Volume:	1 uL
Date Leached:	01/12/2010 1521				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		0.00062	U	0.00062	0.020
2,4-Dinitrotoluene		0.00080	U	0.00080	0.020
2,4,5-Trichlorophenol		0.00056	U	0.00056	0.10
2,4,6-Trichlorophenol		0.00074	U	0.00074	0.020
2-Methylphenol		0.00048	U	0.00048	0.020
Hexachlorobenzene		0.00066	U	0.00066	0.020
Hexachlorobutadiene		0.00040	U	0.00040	0.020
Hexachloroethane		0.00074	U	0.00074	0.020
Nitrobenzene		0.00056	U	0.00056	0.020
Pentachlorophenol		0.00062	U	0.00062	0.10
Pyridine		0.0077	U	0.0077	0.040
4-Methylphenol		0.00058	U	0.00058	0.020

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	87		29 - 126
2-Fluorobiphenyl	78		43 - 116
2-Fluorophenol	69		21 - 97
Nitrobenzene-d5	77		38 - 113
Terphenyl-d14	80		10 - 119
Phenol-d5	66		18 - 97

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-A**

Lab Sample ID: 220-11286-1
Client Matrix: Solid
% Moisture: 30.7

Date Sampled: 01/11/2010 1210
Date Received: 01/11/2010 1720

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-27764	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-27722	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	01/14/2010 1156		Injection Volume: 1 uL
Date Prepared:	01/13/2010 2121		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		13	U	13	13

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		47 - 131

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-B**

Lab Sample ID: 220-11286-2
Client Matrix: Solid
% Moisture: 31.1

Date Sampled: 01/11/2010 1215
Date Received: 01/11/2010 1720

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-27764	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-27722	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	01/14/2010 1110		Injection Volume: 1 uL
Date Prepared:	01/13/2010 2121		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		13	U	13	13

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		47 - 131

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-C**

Lab Sample ID: 220-11286-3
Client Matrix: Solid
% Moisture: 21.4

Date Sampled: 01/11/2010 1218
Date Received: 01/11/2010 1720

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-27764	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-27722	Initial Weight/Volume: 15.01 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	01/14/2010 1040		Injection Volume: 1 uL
Date Prepared:	01/13/2010 2121		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		11	U	11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	84		47 - 131

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-D**

Lab Sample ID: 220-11286-4
Client Matrix: Solid
% Moisture: 31.1

Date Sampled: 01/11/2010 1220
Date Received: 01/11/2010 1720

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-27764	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-27722	Initial Weight/Volume: 15.05 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	01/14/2010 1141		Injection Volume: 1 uL
Date Prepared:	01/13/2010 2121		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		13	U	13	13

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		47 - 131

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-E**

Lab Sample ID: 220-11286-5
Client Matrix: Solid % Moisture: 20.8

Date Sampled: 01/11/2010 1224
Date Received: 01/11/2010 1720

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-27764	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-27722	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	01/14/2010 1055		Injection Volume: 1 uL
Date Prepared:	01/13/2010 2121		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		11	U	11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		47 - 131

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-F**

Lab Sample ID: 220-11286-6
Client Matrix: Solid % Moisture: 24.0

Date Sampled: 01/11/2010 1227
Date Received: 01/11/2010 1720

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 460-27764	Instrument ID: BNAGC4
Preparation:	3546	Prep Batch: 460-27722	Initial Weight/Volume: 15.00 g
Dilution:	1.0		Final Weight/Volume: 1 mL
Date Analyzed:	01/14/2010 1126		Injection Volume: 1 uL
Date Prepared:	01/13/2010 2121		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Diesel Range Organics (C10-C44)		11	U	11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	76		47 - 131

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8081A Organochlorine Pesticides (GC)-TCLP

Method:	8081A	Analysis Batch: 220-35193		Instrument ID:	GC8
Preparation:	3510C	Prep Batch: 220-35127		Initial Weight/Volume:	200 mL
Dilution:	1.0	Leachate Batch: 220-35113		Final Weight/Volume:	10.0 mL
Date Analyzed:	01/14/2010 1640			Injection Volume:	1 uL
Date Prepared:	01/13/2010 1019			Result Type:	PRIMARY
Date Leached:	01/12/2010 1521				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Chlordane (technical)		0.00021	U	0.00021	0.0025
Endrin		0.000068	U	0.000068	0.00050
Heptachlor		0.000030	U	0.000030	0.00025
Heptachlor epoxide		0.000028	U	0.000028	0.00025
gamma-BHC (Lindane)		0.000028	U	0.000028	0.00025
Methoxychlor		0.00041	U	0.00041	0.0025
Toxaphene		0.00020	U	0.00020	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	66		29 - 156
Tetrachloro-m-xylene	105		53 - 144

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8081A Organochlorine Pesticides (GC)-TCLP

Method:	8081A	Analysis Batch: 220-35193		Instrument ID:	GC8
Preparation:	3510C	Prep Batch: 220-35127		Initial Weight/Volume:	200 mL
Dilution:	1.0	Leachate Batch: 220-35113		Final Weight/Volume:	10.0 mL
Date Analyzed:	01/14/2010 1640			Injection Volume:	1 uL
Date Prepared:	01/13/2010 1019			Result Type:	SECONDARY
Date Leached:	01/12/2010 1521				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		29 - 156
Tetrachloro-m-xylene	104		53 - 144

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8082 PCBs

Method:	8082	Analysis Batch: 220-35247		Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-35145		Initial Weight/Volume:	30.03 g
Dilution:	1.0			Final Weight/Volume:	10.0 mL
Date Analyzed:	01/18/2010 1128			Injection Volume:	1 uL
Date Prepared:	01/13/2010 1347			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		2.0	U	2.0	26
PCB-1221		2.0	U	2.0	26
PCB-1232		2.0	U	2.0	26
PCB-1242		2.0	U	2.0	26
PCB-1248		2.0	U	2.0	26
PCB-1254		78	p	2.2	26
PCB-1260		270		2.2	26

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	51		24 - 150
DCB Decachlorobiphenyl	67		24 - 150

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8082 PCBs

Method:	8082	Analysis Batch: 220-35247		Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-35145		Initial Weight/Volume:	30.03 g
Dilution:	1.0			Final Weight/Volume:	10.0 mL
Date Analyzed:	01/18/2010 1128			Injection Volume:	1 uL
Date Prepared:	01/13/2010 1347			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	51		24 - 150
DCB Decachlorobiphenyl	61		24 - 150

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 460-27965		Instrument ID:	PESTGC3
Preparation:	8151A	Prep Batch: 460-27772		Initial Weight/Volume:	15 mL
Dilution:	1.0	Leachate Batch: 460-27688		Final Weight/Volume:	5 mL
Date Analyzed:	01/15/2010 1140			Injection Volume:	
Date Prepared:	01/14/2010 0900			Result Type:	PRIMARY
Date Leached:	01/13/2010 1530				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
2,4-D		0.00010	U	0.00010	0.080
Silvex (2,4,5-TP)		0.000090	U	0.000090	0.080

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	124		79 - 166

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

8151A Herbicides (GC)-TCLP

Method:	8151A	Analysis Batch: 460-27965		Instrument ID:	PESTGC3
Preparation:	8151A	Prep Batch: 460-27772		Initial Weight/Volume:	15 mL
Dilution:	1.0	Leachate Batch: 460-27688		Final Weight/Volume:	5 mL
Date Analyzed:	01/15/2010 1140			Injection Volume:	
Date Prepared:	01/14/2010 0900			Result Type:	SECONDARY
Date Leached:	01/13/2010 1530				

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	120		79 - 166

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

6010B Metals (ICP)

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 01/15/2010 1242
Date Prepared: 01/14/2010 0947
Analysis Batch: 220-35216
Prep Batch: 220-35165
Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 2.09 g
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		13.1		2.5	7.8
Cadmium		1.7	J	0.37	1.9
Chromium		25.4		0.19	1.9
Lead		1310		1.2	5.6
Selenium		4.6	U	4.6	13.9
Silver		0.32	J	0.093	1.9
Barium		461		0.093	1.9
Nickel		21.2		0.37	1.9
Copper		94.3		0.71	2.2
Zinc		795		1.9	9.3

6010B Metals (ICP)-TCLP

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 01/15/2010 1331
Date Prepared: 01/13/2010 1029
Date Leached: 01/12/2010 1521
Analysis Batch: 220-35216
Prep Batch: 220-35130
Leachate Batch: 220-35113
Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.020	U	0.020	0.075
Barium		0.70		0.0012	0.025
Cadmium		0.0050	U	0.0050	0.025
Chromium		0.0025	U	0.0025	0.025
Lead		1.4		0.012	0.075
Selenium		0.062	U	0.062	0.19
Silver		0.0012	U	0.0012	0.025
Nickel		0.063		0.0050	0.025
Copper		0.012	J	0.0075	0.050
Zinc		3.1		0.025	0.12

7470A Mercury (CVAA)-TCLP

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/19/2010 1630
Date Prepared: 01/19/2010 1219
Date Leached: 01/12/2010 1521
Analysis Batch: 220-35297
Prep Batch: 220-35285
Leachate Batch: 220-35113
Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.0010	U	0.0010	0.0020

7471A Mercury

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

7471A Mercury

Method:	7471A	Analysis Batch: 220-35287		Instrument ID:	MERC1
Preparation:	7471A	Prep Batch: 220-35244		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Date Analyzed:	01/19/2010 1406			Final Weight/Volume:	50 mL
Date Prepared:	01/18/2010 1305				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.2		0.0062	0.078

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

General Chemistry

Client Sample ID: **CE-Stockpile 68-A**

Lab Sample ID: 220-11286-1
Client Matrix: Solid

Date Sampled: 01/11/2010 1210
Date Received: 01/11/2010 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	30.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N
Percent Solids	69.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

General Chemistry

Client Sample ID: **CE-Stockpile 68-B**

Lab Sample ID: 220-11286-2
Client Matrix: Solid

Date Sampled: 01/11/2010 1215
Date Received: 01/11/2010 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	31.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N
Percent Solids	68.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

General Chemistry

Client Sample ID: **CE-Stockpile 68-C**

Lab Sample ID: 220-11286-3
Client Matrix: Solid

Date Sampled: 01/11/2010 1218
Date Received: 01/11/2010 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N
Percent Solids	78.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

General Chemistry

Client Sample ID: **CE-Stockpile 68-D**

Lab Sample ID: 220-11286-4
Client Matrix: Solid

Date Sampled: 01/11/2010 1220
Date Received: 01/11/2010 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	31.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N
Percent Solids	68.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

General Chemistry

Client Sample ID: **CE-Stockpile 68-E**

Lab Sample ID: 220-11286-5
Client Matrix: Solid

Date Sampled: 01/11/2010 1224
Date Received: 01/11/2010 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N
Percent Solids	79.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

General Chemistry

Client Sample ID: **CE-Stockpile 68-F**

Lab Sample ID: 220-11286-6
Client Matrix: Solid

Date Sampled: 01/11/2010 1227
Date Received: 01/11/2010 1720

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N
Percent Solids	76.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410						DryWt Corrected: N

General Chemistry

Client Sample ID: **CE-Stockpile 68-1**

Lab Sample ID: 220-11286-7
Client Matrix: Solid
% Moisture: 35.7
Date Sampled: 01/11/2010 1235
Date Received: 01/11/2010 1720

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Halogens, Extractable Organic	15.5	U	mg/Kg	15.5	31.1	1.0	9023
Analysis Batch: 680-158180	Date Analyzed: 01/13/2010 1100					DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Ignitability	Neg		mm/sec	2.2	2.2	1.0	1030
Analysis Batch: 220-35253	Date Analyzed: 01/18/2010 1404					DryWt Corrected: N	
Temperature	1890		Fahrenheit	1.00	1.00	1.0	1030
Analysis Batch: 220-35253	Date Analyzed: 01/18/2010 1404					DryWt Corrected: N	
Cyanide, Reactive	0.50	U	mg/Kg	0.50	0.50	1.0	9012
Analysis Batch: 220-35263	Date Analyzed: 01/19/2010 1003					DryWt Corrected: N	
Prep Batch: 220-35259	Date Prepared: 01/15/2010 1755						
Sulfide, Reactive	44.0		mg/Kg	20.0	20.0	1.0	9034
Analysis Batch: 220-35221	Date Analyzed: 01/16/2010 1000					DryWt Corrected: N	
Prep Batch: 220-35220	Date Prepared: 01/15/2010 1755						
Total Sulfur	2300		mg/Kg	265	265	1.0	9038
Analysis Batch: 680-158388	Date Analyzed: 01/15/2010 1252					DryWt Corrected: Y	
Prep Batch: 680-158387	Date Prepared: 01/14/2010 1000						
pH	7.86	HF	SU	0.100	0.100	1.0	9045C
Analysis Batch: 220-35217	Date Analyzed: 01/15/2010 1445					DryWt Corrected: N	
Percent Moisture	35.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410					DryWt Corrected: N	
Percent Solids	64.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-35099	Date Analyzed: 01/12/2010 1410					DryWt Corrected: N	

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 220-11286-1
Sdg Number: 220-11286

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	Surrogate exceeds the control limit
	B	The analyte was found in an associated blank, as well as in the sample.
GC Semi VOA		
	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.
	*	MS or MSD exceeds the control limits
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	HF	Field parameter with a holding time of 15 minutes
	U	Indicates analyzed for but not detected.

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Kate Brunner	**Field Sampler:** Steve Grens	**TAT Required (business days):** 3-Day Turn	**Lab PM/Contact:** Erin Arasate
Company: AKRF, Inc.	**Mobile/Field Number:** (917) 613-6022	**Deliverable Type (Report/EDD):** EDD	**Lab Job Number (Lab Use Only):** 11286
Address: 440 Park Ave South 7th Fl.	**E-Mail:** Sgrens@akrf.com	**Sample Disposal:** [ ] Return to Client [X] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Passed Rad Screen (Lab Use Only):** [X] Yes [ ] No
City, State, Zip: New York, NY 10016	**PO #:** 30141-0116		**Cooler Temperatures (Lab Use Only):** 0.3 Cooler #1
Phone: 646-388-9525	**WO #:**		**COC Number:** 10745
Email: Kbrunner@akrf.com	**Project #:** 30141-0116	**State Regulatory QC Criteria Requirements:**	**Page** 1 **of** 1
Project Name/Site Location (State): 40-22 CPB CE Flushing - Flushing, NY	**SSOW#:**		**Carrier Tracking Notes:**

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix (Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other)	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Analysis (Attach list if more space is needed): TPH expanded to C44	Total SVOCs (8270 D)	TCLP VOCs (1311/8260B)	total TOX, VOCs	Total Metals (RCRA + Cu, Ni, ZN)	TCLP Metals (RCRA + Cu, Ni, ZN)	Ignitability/Corrosivity	Reactivity - Sulfide & Cyanide	PCBs, Total Sulfur	TCLP-SVOCs, Herbs and Pests	Comments
1	CE-Stockpile 68-A	1/11/10	1210	S	No	X							X	X	X									
2	CE-Stockpile 68-B		1215										X	X										
3	CE-Stockpile 68-C		1218										X	X										
4	CE-Stockpile 68-D		1220										X	X										
5	CE-Stockpile 68-E		1224										X	X										
6	CE-Stockpile 68-F		1227													X	X	X	X	X	X	X		
7	CE-Stockpile 68-1		1235																					

Relinquished by:	Date/Time: 1/11/2010 1255	Company: AKRF	Received by:	Date/Time: 1/11/10 1255	Company: TAL CT
Relinquished by:	Date/Time: 01/11/10 1720	Company: TAL CT	Received by:	Date/Time: 01/11/10 1720	Company: TAL CT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments: Full Analyte list = TPH to C44; total SVOCs; TCLP VOCs; TOX; total VOCs; Total & TCLP RCRA Metals (+ Cu, Ni, ZN); Ignitability; Corrosivity; Reactivity - Sulfide and Cyanide; PCBs; Total Sulfur; TCLP SVOCs, Herbicides and Pesticides.

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

Page 54 of 60

01/21/2010

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11286-1
SDG Number: 220-11286

Login Number: 11286
List Source: TestAmerica Connecticut
Creator: Cedeno, Jorge
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.3C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	N/A	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11286-1
SDG Number: 220-11286

Login Number: 11286
Creator: Meyers, Gary
List Number: 1

List Source: TestAmerica Edison
List Creation: 01/13/10 11:34 AM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3/2.5/1.6 °C IR #70
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-11286-1
SDG Number: 220-11286

Login Number: 11286
Creator: Daughtry, Beth
List Number: 1

List Source: TestAmerica Savannah
List Creation: 01/13/10 01:03 PM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	N/A	
Sample Preservation Verified	True	

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

01/21/2010

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Arasate, Erin A	Carrier Tracking No(s):	COC No: 220-4854.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: erin.arasate@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 220-11286-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 1/19/2010			
City: Savannah	TAT Requested (days):			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #:			
Email:	WO #:			
Project Name: CE Flushing Industrial Park	Project #: 22000246			
Site: CE Flushing Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9023/ 9023 - Extractable Organic Halides (EOX)	9038_Total_S/5050 9038 - Total Sulfur	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
CE-Stockpile 68-1 (220-11286-7)	1/11/10	12:35		Solid			X	X		

Page 58 OF 60

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: K Blackler	1/12/10 1634	TA CT	Beth A Daughtry	1-13-10 0917	TASDV
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.4

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

01/21/2010

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Arasate, Erin A	Carrier Tracking No(s):	COC No: 220-4853.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: erin.arasate@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 220-11286-1
Address: 777 New Durham Road,	Due Date Requested: 1/19/2010			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817	PO #:			
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	WO #:			
Email:	Project #: 22000246			
Project Name: CE Flushing Industrial Park	SSOW#:			
Site: CE Flushing Site				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DRO/3546 8015BC-44 Extended Diesel Range	8151A/1311_T 8151 - TCLP Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
CE-Stockpile 68-A (220-11286-1)	1/11/10	12:10		Solid			X		1	
CE-Stockpile 68-B (220-11286-2)	1/11/10	12:15		Solid			X		1	
CE-Stockpile 68-C (220-11286-3)	1/11/10	12:18		Solid			X		1	
CE-Stockpile 68-D (220-11286-4)	1/11/10	12:20		Solid			X		1	
CE-Stockpile 68-E (220-11286-5)	1/11/10	12:24		Solid			X		1	
CE-Stockpile 68-F (220-11286-6)	1/11/10	12:27		Solid			X		1	
CE-Stockpile 68-1 (220-11286-7)	1/11/10	12:35		Solid				X	1	KB 1/12/10

Page 59 of 60

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: K Blackley Fedex	Date/Time: 1/12/10 1634	Company TA CT	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time: 1/13/2010 10:30	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by: 1.3 | 2.5 | 1.6	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4no

TestAmerica - Connecticut
Internal Chain-of-Custody

220-11286
AKRF

3 DAY TAT

Trip Blank:

QC: Air:

FB:

Soil: #1-7 Water:

Date Received: 1-11-10

Sample #s: 1-7

Locations: A7, R2#1A, F-1-E

Laboratory Sample #	Signature-Sample Removal	Date	Time	Reason	Signature-Sample Return	Date	Time
7	BC	1-12-10	1320	Mtl	BC	1-12-10	1355
1-7	BC	1-12-10	1400	Mtl	BC	1-12-10	1630
1	TA	1/12/10	14:50	VOA	USED		
1-6	JP	1/13/10	8:55	EXT	JP	1/13/10	10:05
7	JP	1/13/10	14:37	EXT		1-13-10	15:30
7	BC	1-14-10	1200	Mtl	BC	1-14-10	12:30
7	JM	1/15/10	8:40	corrosivity	JM	01/15/10	10:50
7	RT	1/15	1615	React	RT	1/16	1200
7	BC	1-18-10	1845	Mtl	BC	1-18-10	1400
7	JM	1/18/10	1330	Lgnt	JM	1/18/10	1415
7	D.A.	1/18/10	14:30	VOA	used		
		1-21-10					

Page 60 of 60

01/21/2010

TestAmerica Form# SMF02300.CT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-13862-1

Job Description: 30141-0116 CE Flushing Industrial Park A

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Cheryl Cascella
Data Review Analyst I
11/16/2010 10:42 AM

Designee for
Jill M Duhancik
Customer Service Manager
jill.duhancik@testamericainc.com
11/16/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1

Data Summaries 4

- Report Narrative 4
- Manual Integration Summary 5
- Sample Summary 8
- Executive Summary 9
- Method Summary 18
- Method / Analyst Summary 19
- Sample Datasheets 20
- QC Data Summary 47
- Data Qualifiers 53
- QC Association Summary 54
- Lab Chronicle 55

Organic Sample Data 58

- Air - GC/MS VOA 58
  - Method TO15 58
    - Method TO15 QC Summary 59
    - Method TO15 Sample Data 66
    - Standards Data 295
      - Method TO15 ICAL Data 295
      - Method TO15 CCAL Data 333
    - Raw QC Data 347
      - Method TO15 Tune Data 347
      - Method TO15 Blank Data 355
      - Method TO15 LCS/LCSD Data 363
    - Method TO15 Run Logs 369

Table of Contents

Shipping and Receiving Documents 374
Client Chain of Custody 375
Sample Receipt Checklist 379
Interlab Coc (where applicable) 381
Internal Coc (if required) 385

Job Narrative
220-13862-1

Comments
No additional comments.

Receipt
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): CE-VAPOR-1 (220-13862-2), CE-VAPOR-2 (220-13862-3), CE-VAPOR-3 (220-13862-4), CE-VAPOR-4 (220-13862-5). The container labels list sample collection times as 1421, 1422, 1422, and 1423. The COC lists sample collection times as 1451, 1452, 1452, and 1453, respectively.

All other samples were received in good condition within temperature requirements.

Air Toxics
Method(s) TO-15: The following sample(s) was diluted due to the abundance of non-target analytes: CE-VAPOR-4 (220-13862-5). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 9159

Lab Sample ID: 220-13862-1 Client Sample ID: CE-AA

Date Analyzed: 11/05/10 23:21 Lab File ID: gfbw013.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2,4-Trimethylpentane	10.39	Baseline event	njr	11/06/10 09:50
Styrene	15.90	Analyte misidentified by the data system	njr	11/06/10 09:51

Lab Sample ID: 220-13862-3 Client Sample ID: CE-VAPOR-2

Date Analyzed: 11/06/10 00:58 Lab File ID: gfbw015.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	10.53	Analyte misidentified by the data system	njr	11/06/10 09:59

Lab Sample ID: 220-13862-4 Client Sample ID: CE-VAPOR-3

Date Analyzed: 11/06/10 01:47 Lab File ID: gfbw016.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.18	Baseline event	njr	11/06/10 10:01
2,2,4-Trimethylpentane	10.39	Analyte misidentified by the data system	njr	11/06/10 10:02

Lab Sample ID: 220-13862-5 Client Sample ID: CE-VAPOR-4

Date Analyzed: 11/06/10 02:35 Lab File ID: gfbw017.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	3.16	Analyte misidentified by the data system	njr	11/06/10 10:05
Trichloroethene	11.33	Peak not found by the data system	njr	11/06/10 10:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 9159

Lab Sample ID: 220-13862-6 Client Sample ID: CE-VAPOR-5

Date Analyzed: 11/06/10 03:24 Lab File ID: gfbw018.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.62	Peak not found by the data system	njr	11/06/10 10:13
4-Ethyltoluene	16.90	Baseline event	njr	11/06/10 10:14
1,3,5-Trimethylbenzene	16.97	Analyte misidentified by the data system	njr	11/06/10 10:15

Lab Sample ID: 220-13862-7 Client Sample ID: CE-VAPOR-6

Date Analyzed: 11/06/10 04:13 Lab File ID: gfbw019.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.61	Analyte misidentified by the data system	njr	11/06/10 10:16
2,2,4-Trimethylpentane	10.39	Analyte misidentified by the data system	njr	11/06/10 10:17
Trichloroethene	11.36	Peak not found by the data system	njr	11/06/10 10:17

Lab Sample ID: 220-13862-8 Client Sample ID: CE-VAPOR-7

Date Analyzed: 11/06/10 05:01 Lab File ID: gfbw020.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.62	Analyte misidentified by the data system	njr	11/06/10 10:19

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 9159

Lab Sample ID: 220-13862-9 Client Sample ID: CE-VAPOR-8

Date Analyzed: 11/06/10 05:50 Lab File ID: gfbw021.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Butyl Ketone (2-Hexanone)	14.05	Analyte misidentified by the data system	njr	11/06/10 10:21
Styrene	15.90	Analyte misidentified by the data system	njr	11/06/10 10:22

Lab Sample ID: 220-13862-2 Client Sample ID: CE-VAPOR-1

Date Analyzed: 11/06/10 11:17 Lab File ID: gfbw027.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon tetrachloride	10.09	Baseline event	njr	11/06/10 12:43
2,2,4-Trimethylpentane	10.38	Analyte misidentified by the data system	njr	11/06/10 12:43

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-13862-1	CE-AA	Air	10/29/2010 1406	11/01/2010 1514
220-13862-2	CE-VAPOR-1	Air	10/29/2010 1451	11/01/2010 1514
220-13862-3	CE-VAPOR-2	Air	10/29/2010 1452	11/01/2010 1514
220-13862-4	CE-VAPOR-3	Air	10/29/2010 1452	11/01/2010 1514
220-13862-5	CE-VAPOR-4	Air	10/29/2010 1453	11/01/2010 1514
220-13862-6	CE-VAPOR-5	Air	10/29/2010 1403	11/01/2010 1514
220-13862-7	CE-VAPOR-6	Air	10/29/2010 1402	11/01/2010 1514
220-13862-8	CE-VAPOR-7	Air	10/29/2010 1402	11/01/2010 1514
220-13862-9	CE-VAPOR-8	Air	10/29/2010 1401	11/01/2010 1514

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-1	**CE-AA**				
Chloromethane		0.55	0.50	ppb v/v	TO-15
Chloromethane		1.1	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Benzene		0.27	0.20	ppb v/v	TO-15
Benzene		0.86	0.64	ug/m3	TO-15
Toluene		0.63	0.20	ppb v/v	TO-15
Toluene		2.4	0.75	ug/m3	TO-15
Xylene (total)		0.41	0.20	ppb v/v	TO-15
Xylene (total)		1.8	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-2	**CE-VAPOR-1**				
Trichlorofluoromethane		0.27	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Isopropyl alcohol		7.4	5.0	ppb v/v	TO-15
Isopropyl alcohol		18	12	ug/m3	TO-15
n-Hexane		0.31	0.20	ppb v/v	TO-15
n-Hexane		1.1	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.8	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		8.2	1.5	ug/m3	TO-15
Chloroform		1.4	0.20	ppb v/v	TO-15
Chloroform		6.8	0.98	ug/m3	TO-15
Cyclohexane		0.22	0.20	ppb v/v	TO-15
Cyclohexane		0.77	0.69	ug/m3	TO-15
n-Heptane		0.49	0.20	ppb v/v	TO-15
n-Heptane		2.0	0.82	ug/m3	TO-15
Toluene		0.80	0.20	ppb v/v	TO-15
Toluene		3.0	0.75	ug/m3	TO-15
Tetrachloroethene		0.45	0.20	ppb v/v	TO-15
Tetrachloroethene		3.0	1.4	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		1.2	0.50	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		4.9	2.0	ug/m3	TO-15
Ethylbenzene		2.3	0.20	ppb v/v	TO-15
Ethylbenzene		10	0.87	ug/m3	TO-15
m,p-Xylene		7.0	0.50	ppb v/v	TO-15
m,p-Xylene		30	2.2	ug/m3	TO-15
Xylene, o-		1.6	0.20	ppb v/v	TO-15
Xylene, o-		6.8	0.87	ug/m3	TO-15
Xylene (total)		8.6	0.20	ppb v/v	TO-15
Xylene (total)		37	0.87	ug/m3	TO-15
4-Ethyltoluene		0.22	0.20	ppb v/v	TO-15
4-Ethyltoluene		1.1	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.65	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		3.2	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.66	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		3.2	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-3	**CE-VAPOR-2**				
Chloromethane		0.50	0.50	ppb v/v	TO-15
Chloromethane		1.0	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Acetone		5.2	5.0	ppb v/v	TO-15
Acetone		12	12	ug/m3	TO-15
n-Hexane		0.22	0.20	ppb v/v	TO-15
n-Hexane		0.79	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.64	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.9	1.5	ug/m3	TO-15
Chloroform		0.23	0.20	ppb v/v	TO-15
Chloroform		1.1	0.98	ug/m3	TO-15
Benzene		0.25	0.20	ppb v/v	TO-15
Benzene		0.79	0.64	ug/m3	TO-15
n-Heptane		0.52	0.20	ppb v/v	TO-15
n-Heptane		2.1	0.82	ug/m3	TO-15
Toluene		1.1	0.20	ppb v/v	TO-15
Toluene		4.1	0.75	ug/m3	TO-15
Ethylbenzene		1.5	0.20	ppb v/v	TO-15
Ethylbenzene		6.3	0.87	ug/m3	TO-15
m,p-Xylene		3.7	0.50	ppb v/v	TO-15
m,p-Xylene		16	2.2	ug/m3	TO-15
Xylene, o-		1.1	0.20	ppb v/v	TO-15
Xylene, o-		4.6	0.87	ug/m3	TO-15
Xylene (total)		4.8	0.20	ppb v/v	TO-15
Xylene (total)		21	0.87	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.37	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.8	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.27	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.3	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-4	**CE-VAPOR-3**				
Chloroethane		1.2	0.50	ppb v/v	TO-15
Chloroethane		3.2	1.3	ug/m3	TO-15
Trichlorofluoromethane		0.28	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.6	1.1	ug/m3	TO-15
Methyl Ethyl Ketone		0.62	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.8	1.5	ug/m3	TO-15
Chloroform		0.53	0.20	ppb v/v	TO-15
Chloroform		2.6	0.98	ug/m3	TO-15
Benzene		0.21	0.20	ppb v/v	TO-15
Benzene		0.66	0.64	ug/m3	TO-15
n-Heptane		2.6	0.20	ppb v/v	TO-15
n-Heptane		11	0.82	ug/m3	TO-15
Trichloroethene		0.20	0.20	ppb v/v	TO-15
Trichloroethene		1.1	1.1	ug/m3	TO-15
Toluene		0.46	0.20	ppb v/v	TO-15
Toluene		1.7	0.75	ug/m3	TO-15
Tetrachloroethene		0.43	0.20	ppb v/v	TO-15
Tetrachloroethene		2.9	1.4	ug/m3	TO-15
Ethylbenzene		2.5	0.20	ppb v/v	TO-15
Ethylbenzene		11	0.87	ug/m3	TO-15
m,p-Xylene		7.6	0.50	ppb v/v	TO-15
m,p-Xylene		33	2.2	ug/m3	TO-15
Xylene, o-		1.5	0.20	ppb v/v	TO-15
Xylene, o-		6.6	0.87	ug/m3	TO-15
Xylene (total)		9.1	0.20	ppb v/v	TO-15
Xylene (total)		39	0.87	ug/m3	TO-15
4-Ethyltoluene		0.81	0.20	ppb v/v	TO-15
4-Ethyltoluene		4.0	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		1.8	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		8.8	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.1	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		5.4	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-5	**CE-VAPOR-4**				
n-Hexane		0.54	0.40	ppb v/v	TO-15
n-Hexane		1.9	1.4	ug/m3	TO-15
Cyclohexane		0.62	0.40	ppb v/v	TO-15
Cyclohexane		2.1	1.4	ug/m3	TO-15
Benzene		0.67	0.40	ppb v/v	TO-15
Benzene		2.1	1.3	ug/m3	TO-15
n-Heptane		2.0	0.40	ppb v/v	TO-15
n-Heptane		8.2	1.6	ug/m3	TO-15
Tetrachloroethene		0.74	0.40	ppb v/v	TO-15
Tetrachloroethene		5.0	2.7	ug/m3	TO-15
Ethylbenzene		3.0	0.40	ppb v/v	TO-15
Ethylbenzene		13	1.7	ug/m3	TO-15
m,p-Xylene		6.8	1.0	ppb v/v	TO-15
m,p-Xylene		30	4.3	ug/m3	TO-15
Xylene, o-		4.8	0.40	ppb v/v	TO-15
Xylene, o-		21	1.7	ug/m3	TO-15
Xylene (total)		12	0.40	ppb v/v	TO-15
Xylene (total)		50	1.7	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.6	0.40	ppb v/v	TO-15
1,3,5-Trimethylbenzene		13	2.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.66	0.40	ppb v/v	TO-15
1,2,4-Trimethylbenzene		3.3	2.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-6	**CE-VAPOR-5**				
Chloromethane		1.1	0.50	ppb v/v	TO-15
Chloromethane		2.3	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Acetone		9.4	5.0	ppb v/v	TO-15
Acetone		22	12	ug/m3	TO-15
Carbon disulfide		0.64	0.50	ppb v/v	TO-15
Carbon disulfide		2.0	1.6	ug/m3	TO-15
n-Hexane		0.28	0.20	ppb v/v	TO-15
n-Hexane		1.0	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.95	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.8	1.5	ug/m3	TO-15
Benzene		0.92	0.20	ppb v/v	TO-15
Benzene		2.9	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.29	0.20	ppb v/v	TO-15
1,2-Dichloroethane		1.2	0.81	ug/m3	TO-15
n-Heptane		0.22	0.20	ppb v/v	TO-15
n-Heptane		0.89	0.82	ug/m3	TO-15
methyl isobutyl ketone		0.72	0.50	ppb v/v	TO-15
methyl isobutyl ketone		2.9	2.0	ug/m3	TO-15
Toluene		2.5	0.20	ppb v/v	TO-15
Toluene		9.6	0.75	ug/m3	TO-15
Ethylbenzene		0.37	0.20	ppb v/v	TO-15
Ethylbenzene		1.6	0.87	ug/m3	TO-15
m,p-Xylene		0.95	0.50	ppb v/v	TO-15
m,p-Xylene		4.1	2.2	ug/m3	TO-15
Xylene, o-		0.22	0.20	ppb v/v	TO-15
Xylene, o-		0.96	0.87	ug/m3	TO-15
Xylene (total)		1.2	0.20	ppb v/v	TO-15
Xylene (total)		5.1	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-7	**CE-VAPOR-6**				
Dichlorodifluoromethane		0.51	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5	2.5	ug/m3	TO-15
Chloromethane		0.75	0.50	ppb v/v	TO-15
Chloromethane		1.6	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.27	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Acetone		16	5.0	ppb v/v	TO-15
Acetone		37	12	ug/m3	TO-15
Carbon disulfide		2.3	0.50	ppb v/v	TO-15
Carbon disulfide		7.3	1.6	ug/m3	TO-15
n-Hexane		0.30	0.20	ppb v/v	TO-15
n-Hexane		1.0	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		8.0	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		24	1.5	ug/m3	TO-15
Tetrahydrofuran		26	5.0	ppb v/v	TO-15
Tetrahydrofuran		78	15	ug/m3	TO-15
2,2,4-Trimethylpentane		0.20	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.95	0.93	ug/m3	TO-15
Benzene		0.45	0.20	ppb v/v	TO-15
Benzene		1.4	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.29	0.20	ppb v/v	TO-15
1,2-Dichloroethane		1.2	0.81	ug/m3	TO-15
n-Heptane		0.39	0.20	ppb v/v	TO-15
n-Heptane		1.6	0.82	ug/m3	TO-15
methyl isobutyl ketone		7.3	0.50	ppb v/v	TO-15
methyl isobutyl ketone		30	2.0	ug/m3	TO-15
Toluene		3.2	0.20	ppb v/v	TO-15
Toluene		12	0.75	ug/m3	TO-15
Ethylbenzene		0.85	0.20	ppb v/v	TO-15
Ethylbenzene		3.7	0.87	ug/m3	TO-15
m,p-Xylene		2.5	0.50	ppb v/v	TO-15
m,p-Xylene		11	2.2	ug/m3	TO-15
Xylene, o-		0.51	0.20	ppb v/v	TO-15
Xylene, o-		2.2	0.87	ug/m3	TO-15
Xylene (total)		3.0	0.20	ppb v/v	TO-15
Xylene (total)		13	0.87	ug/m3	TO-15
Styrene		0.37	0.20	ppb v/v	TO-15
Styrene		1.6	0.85	ug/m3	TO-15
4-Ethyltoluene		0.21	0.20	ppb v/v	TO-15
4-Ethyltoluene		1.0	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.25	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.2	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.98	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		4.8	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-8	**CE-VAPOR-7**				
Chloromethane		0.96	0.50	ppb v/v	TO-15
Chloromethane		2.0	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Acetone		13	5.0	ppb v/v	TO-15
Acetone		30	12	ug/m3	TO-15
n-Hexane		0.26	0.20	ppb v/v	TO-15
n-Hexane		0.91	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.4	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		7.1	1.5	ug/m3	TO-15
Benzene		0.41	0.20	ppb v/v	TO-15
Benzene		1.3	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.23	0.20	ppb v/v	TO-15
1,2-Dichloroethane		0.92	0.81	ug/m3	TO-15
n-Heptane		0.23	0.20	ppb v/v	TO-15
n-Heptane		0.94	0.82	ug/m3	TO-15
methyl isobutyl ketone		0.60	0.50	ppb v/v	TO-15
methyl isobutyl ketone		2.5	2.0	ug/m3	TO-15
Toluene		2.1	0.20	ppb v/v	TO-15
Toluene		7.7	0.75	ug/m3	TO-15
Ethylbenzene		0.32	0.20	ppb v/v	TO-15
Ethylbenzene		1.4	0.87	ug/m3	TO-15
m,p-Xylene		0.86	0.50	ppb v/v	TO-15
m,p-Xylene		3.7	2.2	ug/m3	TO-15
Xylene, o-		0.20	0.20	ppb v/v	TO-15
Xylene, o-		0.89	0.87	ug/m3	TO-15
Xylene (total)		1.1	0.20	ppb v/v	TO-15
Xylene (total)		4.6	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-9	**CE-VAPOR-8**				
Dichlorodifluoromethane		0.50	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5	2.5	ug/m3	TO-15
Chloromethane		0.54	0.50	ppb v/v	TO-15
Chloromethane		1.1	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.25	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Acetone		8.0	5.0	ppb v/v	TO-15
Acetone		19	12	ug/m3	TO-15
n-Hexane		0.25	0.20	ppb v/v	TO-15
n-Hexane		0.88	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.79	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.3	1.5	ug/m3	TO-15
Chloroform		0.48	0.20	ppb v/v	TO-15
Chloroform		2.3	0.98	ug/m3	TO-15
Benzene		0.23	0.20	ppb v/v	TO-15
Benzene		0.74	0.64	ug/m3	TO-15
n-Heptane		0.21	0.20	ppb v/v	TO-15
n-Heptane		0.87	0.82	ug/m3	TO-15
Toluene		2.3	0.20	ppb v/v	TO-15
Toluene		8.8	0.75	ug/m3	TO-15
Tetrachloroethene		0.27	0.20	ppb v/v	TO-15
Tetrachloroethene		1.8	1.4	ug/m3	TO-15
Ethylbenzene		0.37	0.20	ppb v/v	TO-15
Ethylbenzene		1.6	0.87	ug/m3	TO-15
m,p-Xylene		1.0	0.50	ppb v/v	TO-15
m,p-Xylene		4.3	2.2	ug/m3	TO-15
Xylene, o-		0.23	0.20	ppb v/v	TO-15
Xylene, o-		0.99	0.87	ug/m3	TO-15
Xylene (total)		1.2	0.20	ppb v/v	TO-15
Xylene (total)		5.3	0.87	ug/m3	TO-15

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-13862-1

Description	Lab Location	Method	Preparation Method
Matrix Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-13862-1

Method	Analyst	Analyst ID
EPA TO-15	Rosner, Nick J	NJR

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-AA

Lab Sample ID: 220-13862-1
Client Matrix: Air

Date Sampled: 10/29/2010 1406
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw013.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/05/2010 2321		Final Weight/Volume: 200 mL
Date Prepared:	11/05/2010 2321		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.55		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.50	U	0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.27		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.63		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-AA

Lab Sample ID: 220-13862-1
Client Matrix: Air

Date Sampled: 10/29/2010 1406
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw013.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/05/2010 2321		Final Weight/Volume: 200 mL
Date Prepared:	11/05/2010 2321		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.20	U	0.20
m,p-Xylene	0.50	U	0.50
Xylene, o-	0.20	U	0.20
Xylene (total)	0.41		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.1		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.4		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.5	U	1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-AA

Lab Sample ID: 220-13862-1
Client Matrix: Air

Date Sampled: 10/29/2010 1406
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw013.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/05/2010 2321		Final Weight/Volume: 200 mL
Date Prepared:	11/05/2010 2321		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.86		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	2.4		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	0.87	U	0.87
m,p-Xylene	2.2	U	2.2
Xylene, o-	0.87	U	0.87
Xylene (total)	1.8		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-1

Lab Sample ID: 220-13862-2
Client Matrix: Air

Date Sampled: 10/29/2010 1451
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw027.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 1117		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 1117		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50	U	0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.27		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	7.4		5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.31		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	2.8		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	1.4		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.22		0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.49		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.80		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.45		0.20
Methyl Butyl Ketone (2-Hexanone)	1.2		0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 220-13862-2
Client Matrix: Air

Date Sampled: 10/29/2010 1451
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw027.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 1117		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 1117		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	2.3		0.20
m,p-Xylene	7.0		0.50
Xylene, o-	1.6		0.20
Xylene (total)	8.6		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.22		0.20
1,3,5-Trimethylbenzene	0.65		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.66		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0	U	1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	18		12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	1.1		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	8.2		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	6.8		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 220-13862-2
Client Matrix: Air

Date Sampled: 10/29/2010 1451
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw027.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 1117		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 1117		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.77		0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	2.0		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	3.0		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	3.0		1.4
Methyl Butyl Ketone (2-Hexanone)	4.9		2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	10		0.87
m,p-Xylene	30		2.2
Xylene, o-	6.8		0.87
Xylene (total)	37		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	1.1		0.98
1,3,5-Trimethylbenzene	3.2		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	3.2		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-2

Lab Sample ID: 220-13862-3
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw015.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0058		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0058		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.2		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.22		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.64		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.23		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.25		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.52		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	1.1		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-2

Lab Sample ID: 220-13862-3
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw015.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0058		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0058		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	1.5		0.20
m,p-Xylene	3.7		0.50
Xylene, o-	1.1		0.20
Xylene (total)	4.8		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.37		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.27		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.4		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12		12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.79		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.9		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	1.1		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-2

Lab Sample ID: 220-13862-3
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw015.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0058		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0058		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.79		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	2.1		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	4.1		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	6.3		0.87
m,p-Xylene	16		2.2
Xylene, o-	4.6		0.87
Xylene (total)	21		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	1.8		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	1.3		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-3

Lab Sample ID: 220-13862-4
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw016.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0147		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0147		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50	U	0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	1.2		0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.28		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.62		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.53		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.21		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	2.6		0.20
Trichloroethene	0.20		0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.46		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.43		0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 220-13862-4 | Date Sampled: 10/29/2010 1452
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw016.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0147		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0147		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	2.5		0.20
m,p-Xylene	7.6		0.50
Xylene, o-	1.5		0.20
Xylene (total)	9.1		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.81		0.20
1,3,5-Trimethylbenzene	1.8		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	1.1		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0	U	1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	3.2		1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.6		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.8		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	2.6		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-3

Lab Sample ID: 220-13862-4
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw016.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0147		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0147		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.66		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	11		0.82
Trichloroethene	1.1		1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	1.7		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	2.9		1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	11		0.87
m,p-Xylene	33		2.2
Xylene, o-	6.6		0.87
Xylene (total)	39		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	4.0		0.98
1,3,5-Trimethylbenzene	8.8		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	5.4		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-4

Lab Sample ID: 220-13862-5
Client Matrix: Air

Date Sampled: 10/29/2010 1453
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw017.d
Dilution:	2.0		Initial Weight/Volume: 100 mL
Date Analyzed:	11/06/2010 0235		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0235		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	1.0	U	1.0
1,2-Dichlorotetrafluoroethane	0.40	U	0.40
Chloromethane	1.0	U	1.0
Vinyl chloride	0.40	U	0.40
1,3-Butadiene	0.40	U	0.40
Bromomethane	0.40	U	0.40
Chloroethane	1.0	U	1.0
Bromoethene(Vinyl Bromide)	0.40	U	0.40
Trichlorofluoromethane	0.40	U	0.40
Freon TF	0.40	U	0.40
1,1-Dichloroethene	0.40	U	0.40
Acetone	10	U	10
Isopropyl alcohol	10	U	10
Carbon disulfide	1.0	U	1.0
3-Chloropropene	1.0	U	1.0
Methylene Chloride	1.0	U	1.0
tert-Butyl alcohol	10	U	10
Methyl tert-butyl ether	0.40	U	0.40
trans-1,2-Dichloroethene	0.40	U	0.40
n-Hexane	0.54		0.40
1,1-Dichloroethane	0.40	U	0.40
Methyl Ethyl Ketone	1.0	U	1.0
cis-1,2-Dichloroethene	0.40	U	0.40
1,2-Dichloroethene, Total	0.40	U	0.40
Chloroform	0.40	U	0.40
Tetrahydrofuran	10	U	10
1,1,1-Trichloroethane	0.40	U	0.40
Cyclohexane	0.62		0.40
Carbon tetrachloride	0.40	U	0.40
2,2,4-Trimethylpentane	0.40	U	0.40
Benzene	0.67		0.40
1,2-Dichloroethane	0.40	U	0.40
n-Heptane	2.0		0.40
Trichloroethene	0.40	U	0.40
1,2-Dichloropropane	0.40	U	0.40
1,4-Dioxane	10	U	10
Bromodichloromethane	0.40	U	0.40
cis-1,3-Dichloropropene	0.40	U	0.40
methyl isobutyl ketone	1.0	U	1.0
Toluene	0.40	U	0.40
trans-1,3-Dichloropropene	0.40	U	0.40
1,1,2-Trichloroethane	0.40	U	0.40
Tetrachloroethene	0.74		0.40
Methyl Butyl Ketone (2-Hexanone)	1.0	U	1.0
Dibromochloromethane	0.40	U	0.40
1,2-Dibromoethane	0.40	U	0.40

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-4

Lab Sample ID: 220-13862-5
Client Matrix: Air

Date Sampled: 10/29/2010 1453
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw017.d
Dilution:	2.0		Initial Weight/Volume: 100 mL
Date Analyzed:	11/06/2010 0235		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0235		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.40	U	0.40
Ethylbenzene	3.0		0.40
m,p-Xylene	6.8		1.0
Xylene, o-	4.8		0.40
Xylene (total)	12		0.40
Styrene	0.40	U	0.40
Bromoform	0.40	U	0.40
1,1,2,2-Tetrachloroethane	0.40	U	0.40
4-Ethyltoluene	0.40	U	0.40
1,3,5-Trimethylbenzene	2.6		0.40
2-Chlorotoluene	0.40	U	0.40
1,2,4-Trimethylbenzene	0.66		0.40
1,3-Dichlorobenzene	0.40	U	0.40
1,4-Dichlorobenzene	0.40	U	0.40
1,2-Dichlorobenzene	0.40	U	0.40
1,2,4-Trichlorobenzene	1.0	U	1.0
Hexachlorobutadiene	0.40	U	0.40

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	4.9	U	4.9
1,2-Dichlorotetrafluoroethane	2.8	U	2.8
Chloromethane	2.1	U	2.1
Vinyl chloride	1.0	U	1.0
1,3-Butadiene	0.88	U	0.88
Bromomethane	1.6	U	1.6
Chloroethane	2.6	U	2.6
Bromoethene(Vinyl Bromide)	1.7	U	1.7
Trichlorofluoromethane	2.2	U	2.2
Freon TF	3.1	U	3.1
1,1-Dichloroethene	1.6	U	1.6
Acetone	24	U	24
Isopropyl alcohol	25	U	25
Carbon disulfide	3.1	U	3.1
3-Chloropropene	3.1	U	3.1
Methylene Chloride	3.5	U	3.5
tert-Butyl alcohol	30	U	30
Methyl tert-butyl ether	1.4	U	1.4
trans-1,2-Dichloroethene	1.6	U	1.6
n-Hexane	1.9		1.4
1,1-Dichloroethane	1.6	U	1.6
Methyl Ethyl Ketone	2.9	U	2.9
cis-1,2-Dichloroethene	1.6	U	1.6
1,2-Dichloroethene, Total	1.6	U	1.6
Chloroform	2.0	U	2.0
Tetrahydrofuran	29	U	29
1,1,1-Trichloroethane	2.2	U	2.2

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-4

Lab Sample ID: 220-13862-5
Client Matrix: Air

Date Sampled: 10/29/2010 1453
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw017.d
Dilution:	2.0		Initial Weight/Volume: 100 mL
Date Analyzed:	11/06/2010 0235		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0235		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	2.1		1.4
Carbon tetrachloride	2.5	U	2.5
2,2,4-Trimethylpentane	1.9	U	1.9
Benzene	2.1		1.3
1,2-Dichloroethane	1.6	U	1.6
n-Heptane	8.2		1.6
Trichloroethene	2.1	U	2.1
1,2-Dichloropropane	1.8	U	1.8
1,4-Dioxane	36	U	36
Bromodichloromethane	2.7	U	2.7
cis-1,3-Dichloropropene	1.8	U	1.8
methyl isobutyl ketone	4.1	U	4.1
Toluene	1.5	U	1.5
trans-1,3-Dichloropropene	1.8	U	1.8
1,1,2-Trichloroethane	2.2	U	2.2
Tetrachloroethene	5.0		2.7
Methyl Butyl Ketone (2-Hexanone)	4.1	U	4.1
Dibromochloromethane	3.4	U	3.4
1,2-Dibromoethane	3.1	U	3.1
Chlorobenzene	1.8	U	1.8
Ethylbenzene	13		1.7
m,p-Xylene	30		4.3
Xylene, o-	21		1.7
Xylene (total)	50		1.7
Styrene	1.7	U	1.7
Bromoform	4.1	U	4.1
1,1,2,2-Tetrachloroethane	2.7	U	2.7
4-Ethyltoluene	2.0	U	2.0
1,3,5-Trimethylbenzene	13		2.0
2-Chlorotoluene	2.1	U	2.1
1,2,4-Trimethylbenzene	3.3		2.0
1,3-Dichlorobenzene	2.4	U	2.4
1,4-Dichlorobenzene	2.4	U	2.4
1,2-Dichlorobenzene	2.4	U	2.4
1,2,4-Trichlorobenzene	7.4	U	7.4
Hexachlorobutadiene	4.3	U	4.3

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-5

Lab Sample ID: 220-13862-6
Client Matrix: Air

Date Sampled: 10/29/2010 1403
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw018.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0324		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0324		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	1.1		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	9.4		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.64		0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.28		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.95		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.92		0.20
1,2-Dichloroethane	0.29		0.20
n-Heptane	0.22		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.72		0.50
Toluene	2.5		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 220-13862-6 | Date Sampled: 10/29/2010 1403
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID:	G.i	
Preparation:	Summa Canister		Lab File ID:	gfbw018.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	11/06/2010 0324		Final Weight/Volume:	200	mL
Date Prepared:	11/06/2010 0324		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.37		0.20
m,p-Xylene	0.95		0.50
Xylene, o-	0.22		0.20
Xylene (total)	1.2		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	2.3		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	22		12
Isopropyl alcohol	12	U	12
Carbon disulfide	2.0		1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	1.0		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	2.8		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 220-13862-6
Client Matrix: Air

Date Sampled: 10/29/2010 1403
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw018.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0324		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0324		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	2.9		0.64
1,2-Dichloroethane	1.2		0.81
n-Heptane	0.89		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.9		2.0
Toluene	9.6		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	1.6		0.87
m,p-Xylene	4.1		2.2
Xylene, o-	0.96		0.87
Xylene (total)	5.1		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-6

Lab Sample ID: 220-13862-7
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw019.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0413		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0413		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.51		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.75		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.27		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	16		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	2.3		0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.30		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	8.0		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	26		5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20		0.20
Benzene	0.45		0.20
1,2-Dichloroethane	0.29		0.20
n-Heptane	0.39		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	7.3		0.50
Toluene	3.2		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 220-13862-7 | Date Sampled: 10/29/2010 1402
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw019.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0413		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0413		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.85		0.20
m,p-Xylene	2.5		0.50
Xylene, o-	0.51		0.20
Xylene (total)	3.0		0.20
Styrene	0.37		0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.21		0.20
1,3,5-Trimethylbenzene	0.25		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.98		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5		2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.6		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	37		12
Isopropyl alcohol	12	U	12
Carbon disulfide	7.3		1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	1.0		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	24		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	78		15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-6

Lab Sample ID: 220-13862-7
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw019.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0413		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0413		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.95		0.93
Benzene	1.4		0.64
1,2-Dichloroethane	1.2		0.81
n-Heptane	1.6		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	30		2.0
Toluene	12		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	3.7		0.87
m,p-Xylene	11		2.2
Xylene, o-	2.2		0.87
Xylene (total)	13		0.87
Styrene	1.6		0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	1.0		0.98
1,3,5-Trimethylbenzene	1.2		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	4.8		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-7

Lab Sample ID: 220-13862-8
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw020.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0501		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0501		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.96		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	13		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.26		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	2.4		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.41		0.20
1,2-Dichloroethane	0.23		0.20
n-Heptane	0.23		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.60		0.50
Toluene	2.1		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-7

Lab Sample ID: 220-13862-8
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw020.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0501		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0501		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.32		0.20
m,p-Xylene	0.86		0.50
Xylene, o-	0.20		0.20
Xylene (total)	1.1		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	2.0		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	30		12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.91		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	7.1		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 220-13862-8
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw020.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0501		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0501		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	1.3		0.64
1,2-Dichloroethane	0.92		0.81
n-Heptane	0.94		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.5		2.0
Toluene	7.7		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	1.4		0.87
m,p-Xylene	3.7		2.2
Xylene, o-	0.89		0.87
Xylene (total)	4.6		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-8

Lab Sample ID: 220-13862-9
Client Matrix: Air

Date Sampled: 10/29/2010 1401
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw021.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0550		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0550		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.54		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.25		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	8.0		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.25		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.79		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.48		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.23		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.21		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	2.3		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.27		0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 220-13862-9 | Date Sampled: 10/29/2010 1401
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID:	G.i	
Preparation:	Summa Canister		Lab File ID:	gfbw021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	11/06/2010 0550		Final Weight/Volume:	200	mL
Date Prepared:	11/06/2010 0550		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.37		0.20
m,p-Xylene	1.0		0.50
Xylene, o-	0.23		0.20
Xylene (total)	1.2		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5		2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.1		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.4		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	19		12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.88		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	2.3		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	2.3		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-8

Lab Sample ID: 220-13862-9
Client Matrix: Air

Date Sampled: 10/29/2010 1401
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw021.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0550		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0550		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.74		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.87		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	8.8		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.8		1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	1.6		0.87
m,p-Xylene	4.3		2.2
Xylene, o-	0.99		0.87
Xylene (total)	5.3		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50	U	0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.20	U	0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.50	U	0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.20	U	0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.20	U	0.20
m,p-Xylene	0.50	U	0.50
Xylene, o-	0.20	U	0.20
Xylene (total)	0.20	U	0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ug/m3

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0	U	1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.1	U	1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.5	U	1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	0.75	U	0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ug/m3

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	0.87	U	0.87
m,p-Xylene	2.2	U	2.2
Xylene, o-	0.87	U	0.87
Xylene (total)	0.87	U	0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Lab Control Sample - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-9159/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1513
Date Prepared: 11/05/2010 1513

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.06	91	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.69	97	70 - 130	
Chloromethane	10.0	9.91	99	70 - 130	
Vinyl chloride	10.0	9.96	100	70 - 130	
1,3-Butadiene	10.0	10.6	106	70 - 130	
Bromomethane	10.0	10.1	101	70 - 130	
Chloroethane	10.0	11.1	111	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.6	106	70 - 130	
Trichlorofluoromethane	10.0	10.6	106	70 - 130	
Freon TF	10.0	11.6	116	70 - 130	
1,1-Dichloroethene	10.0	11.4	114	70 - 130	
Acetone	10.0	11.2	112	70 - 130	
Isopropyl alcohol	10.0	11.1	111	70 - 130	
Carbon disulfide	10.0	11.0	111	70 - 130	
3-Chloropropene	10.0	11.9	119	70 - 130	
Methylene Chloride	10.0	12.4	124	70 - 130	
tert-Butyl alcohol	10.0	10.6	106	70 - 130	
Methyl tert-butyl ether	10.0	11.1	111	70 - 130	
trans-1,2-Dichloroethene	10.0	11.4	114	70 - 130	
n-Hexane	10.0	11.8	118	70 - 130	
1,1-Dichloroethane	10.0	11.8	118	70 - 130	
Methyl Ethyl Ketone	10.0	11.1	111	70 - 130	
cis-1,2-Dichloroethene	10.0	11.0	110	70 - 130	
Chloroform	10.0	11.4	114	70 - 130	
Tetrahydrofuran	10.0	12.2	122	70 - 130	
1,1,1-Trichloroethane	10.0	11.0	110	70 - 130	
Cyclohexane	10.0	11.1	112	70 - 130	
Carbon tetrachloride	10.0	10.8	108	70 - 130	
2,2,4-Trimethylpentane	10.0	12.0	120	70 - 130	
Benzene	10.0	10.6	106	70 - 130	
1,2-Dichloroethane	10.0	11.4	114	70 - 130	
n-Heptane	10.0	12.1	121	70 - 130	
Trichloroethene	10.0	10.8	108	70 - 130	
1,2-Dichloropropane	10.0	11.4	114	70 - 130	
1,4-Dioxane	10.0	10.1	101	70 - 130	
Bromodichloromethane	10.0	11.4	114	70 - 130	
cis-1,3-Dichloropropene	10.0	10.9	109	70 - 130	
methyl isobutyl ketone	10.0	12.3	123	70 - 130	
Toluene	10.0	10.1	101	70 - 130	
trans-1,3-Dichloropropene	10.0	10.8	108	70 - 130	
1,1,2-Trichloroethane	10.0	10.4	104	70 - 130	
Tetrachloroethene	10.0	9.14	91	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.9	119	70 - 130	
Dibromochloromethane	10.0	10.7	107	70 - 130	

Client: AKRF Inc

Job Number: 220-13862-1

Lab Control Sample - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-9159/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1513
Date Prepared: 11/05/2010 1513

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromoethane	10.0	9.94	99	70 - 130	
Chlorobenzene	10.0	9.68	97	70 - 130	
Ethylbenzene	10.0	10.2	102	70 - 130	
m,p-Xylene	20.0	20.0	100	70 - 130	
Xylene, o-	10.0	9.97	100	70 - 130	
Styrene	10.0	10.1	101	70 - 130	
Bromoform	10.0	10.0	100	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.6	106	70 - 130	
4-Ethyltoluene	10.0	10.5	106	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.3	103	70 - 130	
2-Chlorotoluene	10.0	10.7	107	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130	
1,3-Dichlorobenzene	10.0	8.65	87	70 - 130	
1,4-Dichlorobenzene	10.0	8.52	85	70 - 130	
1,2-Dichlorobenzene	10.0	8.61	86	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.26	73	70 - 130	
Hexachlorobutadiene	10.0	8.82	88	70 - 130	

DATA REPORTING QUALIFIERS

Client: AKRF Inc Job Number: 220-13862-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: AKRF Inc

Job Number: 220-13862-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-9159					
LCS 200-9159/3	Lab Control Sample	T	Air	TO-15	
MB 200-9159/4	Method Blank	T	Air	TO-15	
220-13862-1	CE-AA	T	Air	TO-15	
220-13862-2	CE-VAPOR-1	T	Air	TO-15	
220-13862-3	CE-VAPOR-2	T	Air	TO-15	
220-13862-4	CE-VAPOR-3	T	Air	TO-15	
220-13862-5	CE-VAPOR-4	T	Air	TO-15	
220-13862-6	CE-VAPOR-5	T	Air	TO-15	
220-13862-7	CE-VAPOR-6	T	Air	TO-15	
220-13862-8	CE-VAPOR-7	T	Air	TO-15	
220-13862-9	CE-VAPOR-8	T	Air	TO-15	

Report Basis
T = Total

Client: AKRF Inc Job Number: 220-13862-1

Laboratory Chronicle

Lab ID: 220-13862-1 **Client ID: CE-AA**

Sample Date/Time: 10/29/2010 14:06 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-1		200-9159		11/05/2010 23:21	1	TAL BUR	NJR
A:TO-15	220-13862-A-1		200-9159		11/05/2010 23:21	1	TAL BUR	NJR

Lab ID: 220-13862-2 **Client ID: CE-VAPOR-1**

Sample Date/Time: 10/29/2010 14:51 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-2		200-9159		11/06/2010 11:17	1	TAL BUR	NJR
A:TO-15	220-13862-A-2		200-9159		11/06/2010 11:17	1	TAL BUR	NJR

Lab ID: 220-13862-3 **Client ID: CE-VAPOR-2**

Sample Date/Time: 10/29/2010 14:52 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-3		200-9159		11/06/2010 00:58	1	TAL BUR	NJR
A:TO-15	220-13862-A-3		200-9159		11/06/2010 00:58	1	TAL BUR	NJR

Lab ID: 220-13862-4 **Client ID: CE-VAPOR-3**

Sample Date/Time: 10/29/2010 14:52 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-4		200-9159		11/06/2010 01:47	1	TAL BUR	NJR
A:TO-15	220-13862-A-4		200-9159		11/06/2010 01:47	1	TAL BUR	NJR

Lab ID: 220-13862-5 **Client ID: CE-VAPOR-4**

Sample Date/Time: 10/29/2010 14:53 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-5		200-9159		11/06/2010 02:35	2	TAL BUR	NJR
A:TO-15	220-13862-A-5		200-9159		11/06/2010 02:35	2	TAL BUR	NJR

Client: AKRF Inc Job Number: 220-13862-1

Laboratory Chronicle

Lab ID: 220-13862-6 **Client ID: CE-VAPOR-5**

Sample Date/Time: 10/29/2010 14:03 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-6		200-9159		11/06/2010 03:24	1	TAL BUR	NJR
A:TO-15	220-13862-A-6		200-9159		11/06/2010 03:24	1	TAL BUR	NJR

Lab ID: 220-13862-7 **Client ID: CE-VAPOR-6**

Sample Date/Time: 10/29/2010 14:02 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-7		200-9159		11/06/2010 04:13	1	TAL BUR	NJR
A:TO-15	220-13862-A-7		200-9159		11/06/2010 04:13	1	TAL BUR	NJR

Lab ID: 220-13862-8 **Client ID: CE-VAPOR-7**

Sample Date/Time: 10/29/2010 14:02 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-8		200-9159		11/06/2010 05:01	1	TAL BUR	NJR
A:TO-15	220-13862-A-8		200-9159		11/06/2010 05:01	1	TAL BUR	NJR

Lab ID: 220-13862-9 **Client ID: CE-VAPOR-8**

Sample Date/Time: 10/29/2010 14:01 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-9		200-9159		11/06/2010 05:50	1	TAL BUR	NJR
A:TO-15	220-13862-A-9		200-9159		11/06/2010 05:50	1	TAL BUR	NJR

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-9159/4		200-9159		11/05/2010 16:04	1	TAL BUR	NJR
A:TO-15	MB 200-9159/4		200-9159		11/05/2010 16:04	1	TAL BUR	NJR

Client: AKRF Inc Job Number: 220-13862-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-9159/3		200-9159		11/05/2010 15:13	1	TAL BUR	NJR
A:TO-15	LCS 200-9159/3		200-9159		11/05/2010 15:13	1	TAL BUR	NJR

Lab References:
TAL BUR = TestAmerica Burlington

Method TO15

Volatile Organic Compounds (GC/MS)
by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gfbw003.d

Lab ID: LCS 200-9159/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.06	91	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.69	97	70-130	
Chloromethane	10.0	9.91	99	70-130	
Vinyl chloride	10.0	9.96	100	70-130	
1,3-Butadiene	10.0	10.6	106	70-130	
Bromomethane	10.0	10.1	101	70-130	
Chloroethane	10.0	11.1	111	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.6	106	70-130	
Trichlorofluoromethane	10.0	10.6	106	70-130	
Freon TF	10.0	11.6	116	70-130	
1,1-Dichloroethene	10.0	11.4	114	70-130	
Acetone	10.0	11.2	112	70-130	
Isopropyl alcohol	10.0	11.1	111	70-130	
Carbon disulfide	10.0	11.0	111	70-130	
3-Chloropropene	10.0	11.9	119	70-130	
Methylene Chloride	10.0	12.4	124	70-130	
tert-Butyl alcohol	10.0	10.6	106	70-130	
Methyl tert-butyl ether	10.0	11.1	111	70-130	
trans-1,2-Dichloroethene	10.0	11.4	114	70-130	
n-Hexane	10.0	11.8	118	70-130	
1,1-Dichloroethane	10.0	11.8	118	70-130	
Methyl Ethyl Ketone	10.0	11.1	111	70-130	
cis-1,2-Dichloroethene	10.0	11.0	110	70-130	
Chloroform	10.0	11.4	114	70-130	
Tetrahydrofuran	10.0	12.2	122	70-130	
1,1,1-Trichloroethane	10.0	11.0	110	70-130	
Cyclohexane	10.0	11.1	112	70-130	
Carbon tetrachloride	10.0	10.8	108	70-130	
2,2,4-Trimethylpentane	10.0	12.0	120	70-130	
Benzene	10.0	10.6	106	70-130	
1,2-Dichloroethane	10.0	11.4	114	70-130	
n-Heptane	10.0	12.1	121	70-130	
Trichloroethene	10.0	10.8	108	70-130	
1,2-Dichloropropane	10.0	11.4	114	70-130	
1,4-Dioxane	10.0	10.1	101	70-130	
Bromodichloromethane	10.0	11.4	114	70-130	
cis-1,3-Dichloropropene	10.0	10.9	109	70-130	
methyl isobutyl ketone	10.0	12.3	123	70-130	
Toluene	10.0	10.1	101	70-130	
trans-1,3-Dichloropropene	10.0	10.8	108	70-130	
1,1,2-Trichloroethane	10.0	10.4	104	70-130	
Tetrachloroethene	10.0	9.14	91	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gfbw003.d

Lab ID: LCS 200-9159/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	11.9	119	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	9.94	99	70-130	
Chlorobenzene	10.0	9.68	97	70-130	
Ethylbenzene	10.0	10.2	102	70-130	
m,p-Xylene	20.0	20.0	100	70-130	
Xylene, o-	10.0	9.97	100	70-130	
Styrene	10.0	10.1	101	70-130	
Bromoform	10.0	10.0	100	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.6	106	70-130	
4-Ethyltoluene	10.0	10.5	106	70-130	
1,3,5-Trimethylbenzene	10.0	10.3	103	70-130	
2-Chlorotoluene	10.0	10.7	107	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
1,3-Dichlorobenzene	10.0	8.65	87	70-130	
1,4-Dichlorobenzene	10.0	8.52	85	70-130	
1,2-Dichlorobenzene	10.0	8.61	86	70-130	
1,2,4-Trichlorobenzene	10.0	7.26	73	70-130	
Hexachlorobutadiene	10.0	8.82	88	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab File ID: gfbw004.d Lab Sample ID: MB 200-9159/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 11/05/2010 16:04

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-9159/3	gfbw003.d	11/05/2010 15:13
CE-AA	220-13862-1	gfbw013.d	11/05/2010 23:21
CE-VAPOR-2	220-13862-3	gfbw015.d	11/06/2010 00:58
CE-VAPOR-3	220-13862-4	gfbw016.d	11/06/2010 01:47
CE-VAPOR-4	220-13862-5	gfbw017.d	11/06/2010 02:35
CE-VAPOR-5	220-13862-6	gfbw018.d	11/06/2010 03:24
CE-VAPOR-6	220-13862-7	gfbw019.d	11/06/2010 04:13
CE-VAPOR-7	220-13862-8	gfbw020.d	11/06/2010 05:01
CE-VAPOR-8	220-13862-9	gfbw021.d	11/06/2010 05:50
CE-VAPOR-1	220-13862-2	gfbw027.d	11/06/2010 11:17

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab File ID: gfb001.d BFB Injection Date: 10/01/2010

Instrument ID: G.i BFB Injection Time: 00:03

Analysis Batch No.: 7345

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.6	
75	30.0 - 66.0% of mass 95	48.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	99.7	
175	4.0 - 9.0 % of mass 174	6.9	(6.9)1
176	93.0 - 101.0% of mass 174	97.6	(97.9)1
177	5.0 - 9.0% of mass 176	6.2	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-7345/3	gfb003.d	10/01/2010	01:39
	IC 200-7345/4	gfb004.d	10/01/2010	02:27
	IC 200-7345/5	gfb005.d	10/01/2010	03:15
	ICIS 200-7345/6	gfb006.d	10/01/2010	04:03
	IC 200-7345/7	gfb007.d	10/01/2010	04:52
	IC 200-7345/8	gfb008.d	10/01/2010	05:40
	IC 200-7345/9	gfb009.d	10/01/2010	09:30
	ICV 200-7345/12	gfb012.d	10/01/2010	12:18

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab File ID: gfbw001.d BFB Injection Date: 11/05/2010

Instrument ID: G.i BFB Injection Time: 13:22

Analysis Batch No.: 9159

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.4	
75	30.0 - 66.0% of mass 95	51.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	87.9	
175	4.0 - 9.0 % of mass 174	6.2	(7.0)1
176	93.0 - 101.0% of mass 174	85.8	(97.6)1
177	5.0 - 9.0% of mass 176	5.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-9159/2	gfbw002.d	11/05/2010	14:24
	LCS 200-9159/3	gfbw003.d	11/05/2010	15:13
	MB 200-9159/4	gfbw004.d	11/05/2010	16:04
CE-AA	220-13862-1	gfbw013.d	11/05/2010	23:21
CE-VAPOR-2	220-13862-3	gfbw015.d	11/06/2010	00:58
CE-VAPOR-3	220-13862-4	gfbw016.d	11/06/2010	01:47
CE-VAPOR-4	220-13862-5	gfbw017.d	11/06/2010	02:35
CE-VAPOR-5	220-13862-6	gfbw018.d	11/06/2010	03:24
CE-VAPOR-6	220-13862-7	gfbw019.d	11/06/2010	04:13
CE-VAPOR-7	220-13862-8	gfbw020.d	11/06/2010	05:01
CE-VAPOR-8	220-13862-9	gfbw021.d	11/06/2010	05:50
CE-VAPOR-1	220-13862-2	gfbw027.d	11/06/2010	11:17

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Sample No.: ICIS 200-7345/6 Date Analyzed: 10/01/2010 04:03

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gfb006.d Heated Purge: (Y/N) N

Calibration ID: 2531

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		516317	9.60	2517085	11.00	2397842	15.12
UPPER LIMIT		722844	9.93	3523919	11.33	3356979	15.45
LOWER LIMIT		309790	9.27	1510251	10.67	1438705	14.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-7345/12		507548	9.59	2414934	11.00	2306197	15.12

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Sample No.: CCVIS 200-9159/2 Date Analyzed: 11/05/2010 14:24

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gfbw002.d Heated Purge: (Y/N) N

Calibration ID: 2531

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		570828	9.58	2823884	10.98	2724780	15.10
UPPER LIMIT		799159	9.91	3953438	11.31	3814692	15.43
LOWER LIMIT		342497	9.25	1694330	10.65	1634868	14.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-9159/3		601070	9.58	2897735	10.98	2826281	15.10
MB 200-9159/4		592028	9.57	3004102	10.98	2791856	15.09
220-13862-1	CE-AA	557810	9.57	2448242	10.98	2334259	15.10
220-13862-3	CE-VAPOR-2	547911	9.57	2580421	10.98	2447561	15.09
220-13862-4	CE-VAPOR-3	539426	9.57	2605895	10.98	2530445	15.10
220-13862-5	CE-VAPOR-4	552947	9.57	2681032	10.98	2546488	15.10
220-13862-6	CE-VAPOR-5	545450	9.57	2538644	10.98	2466323	15.09
220-13862-7	CE-VAPOR-6	531532	9.57	2447202	10.98	2300090	15.09
220-13862-8	CE-VAPOR-7	552072	9.57	2701381	10.98	2554525	15.10
220-13862-9	CE-VAPOR-8	539437	9.57	2640268	10.98	2528361	15.09
220-13862-2	CE-VAPOR-1	540658	9.57	2627655	10.98	2467089	15.10

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.55		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.27		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.63		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.41		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.1		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.86		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	2.4		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	1.8		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-1
Client Smp ID: CE-AA
Inj Date : 05-NOV-2010 23:21
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-1
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	74418	0.47683	0.48(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	15503	0.54954	0.55
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	3464	0.14787	0.15(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.177	5.187	(0.541)	42171	0.25694	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.172	6.182	(0.645)	9399	0.09327	0.093(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	198562	3.29101	3.3(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	8048	0.13645	0.14(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.221	9.232	(0.963)	6317	0.35284	0.35(aQ)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	557810	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.900	9.916	(0.902)	2901	0.05507	0.055(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.920)	13149	0.09556	0.096(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	14194	0.08221	0.082(aM)
	44 Benzene	78	10.430	10.451	(0.950)	34702	0.26916	0.27
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.633	10.655	(0.969)	6964	0.11134	0.11(a)
*	47 1,4-Difluorobenzene	114	10.976	11.002	(1.000)	2448242	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.132	13.153	(0.870)	58354	0.63377	0.63
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2334259	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	21602	0.10370	0.10(a)
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	24767	0.31310	0.31(a)
M	70 Xylenes, Total	106				32325	0.40844	0.41
	71 Xylene (o)	106	15.871	15.892	(1.051)	7558	0.09534	0.095(a)
	72 Styrene	104	15.903	15.919	(1.054)	5572	0.04742	0.047(aQM)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	17.401	17.422	(1.153)	13065	0.06410	0.064(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

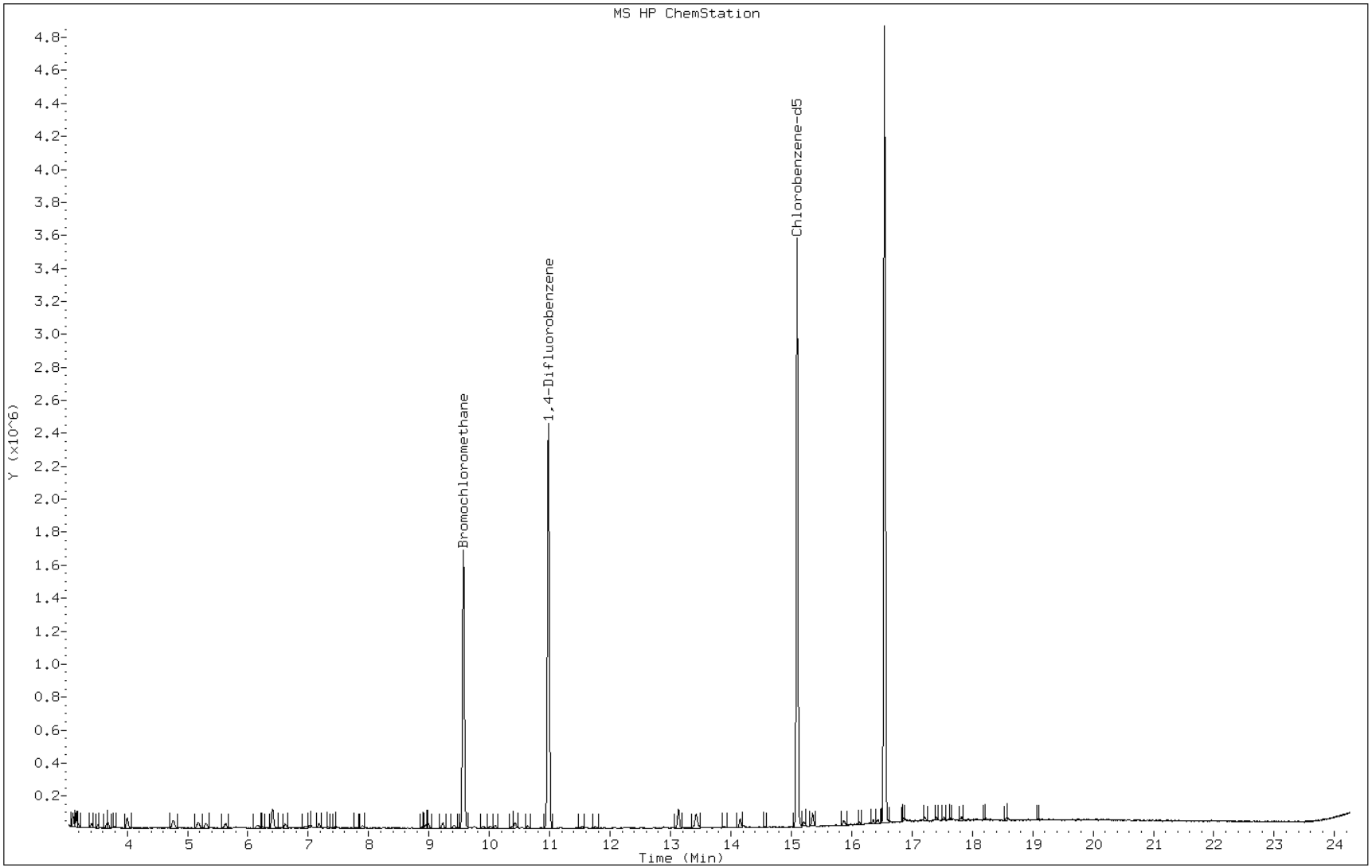
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File: gfbw013.d
Client ID: CE-AA
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 220-13862-A-1
Lab Sample ID: 220-13862-1

Date: 05-NOV-2010 23:21
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



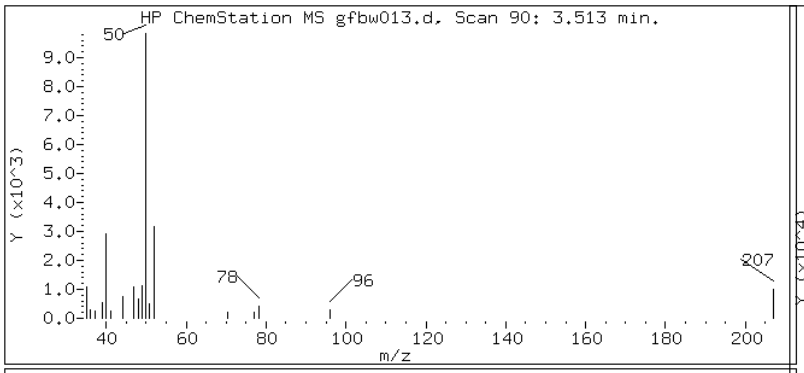
Data File: gfbw013.d

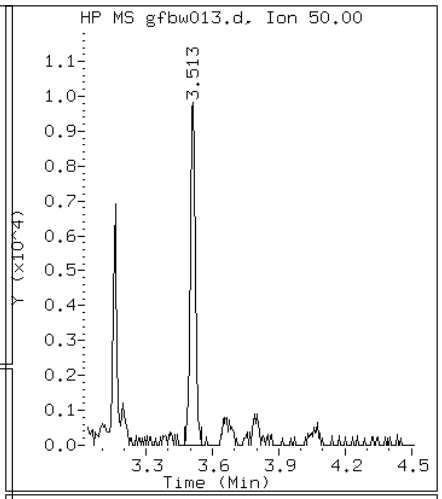
Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

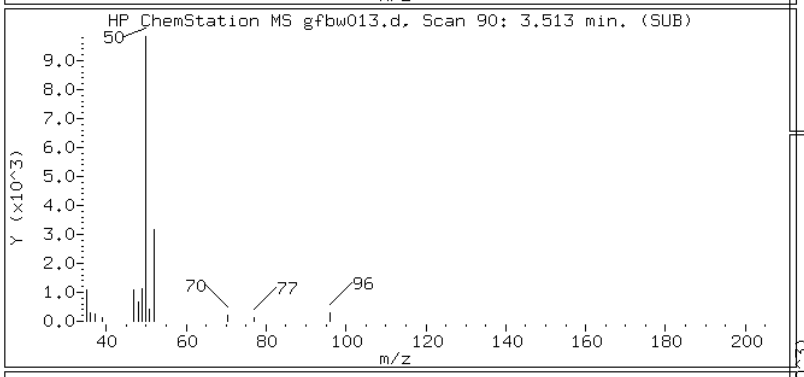
Client ID: CE-AA Instrument: G.i

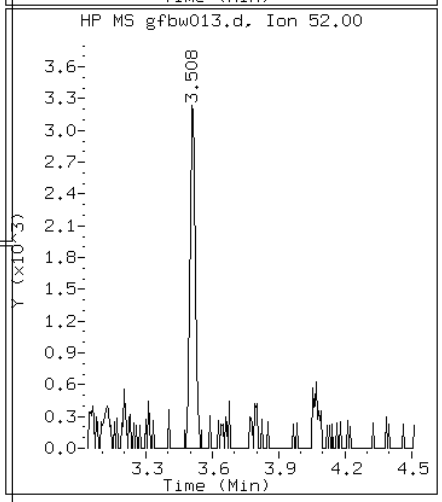
Sample Info: 220-13862-A-1 Operator: wrd

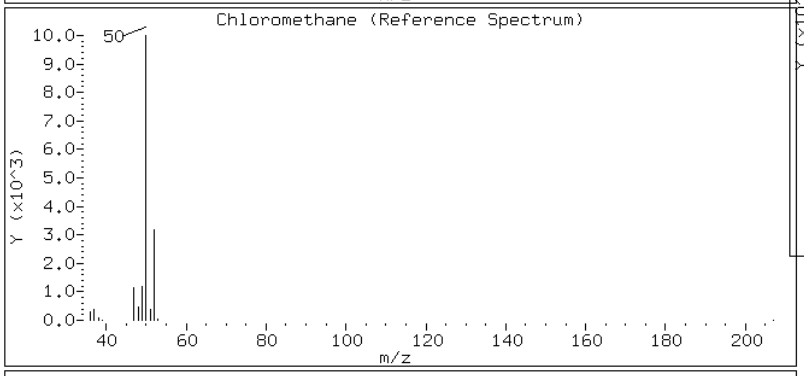
5 Chloromethane

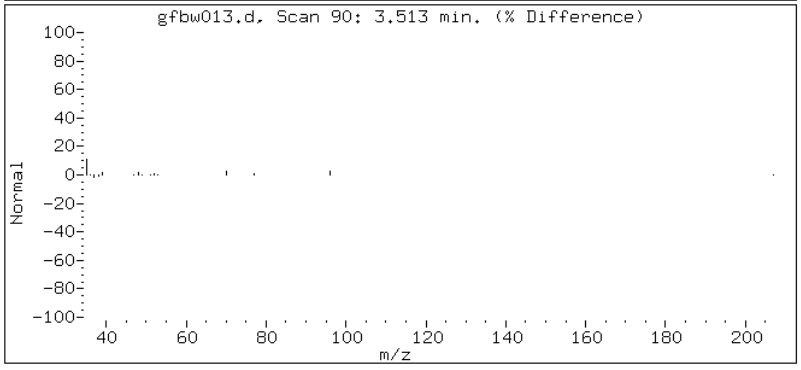












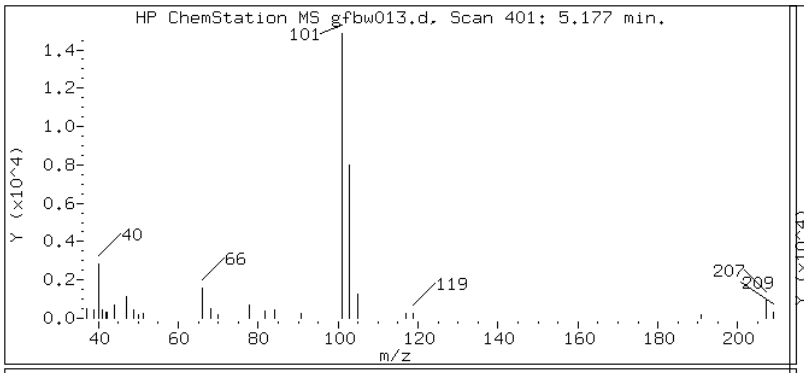
Data File: gfbw013.d

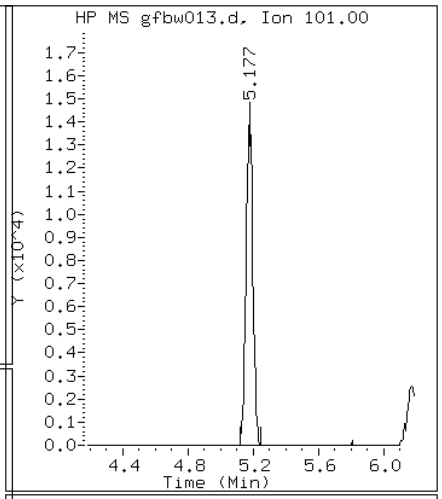
Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

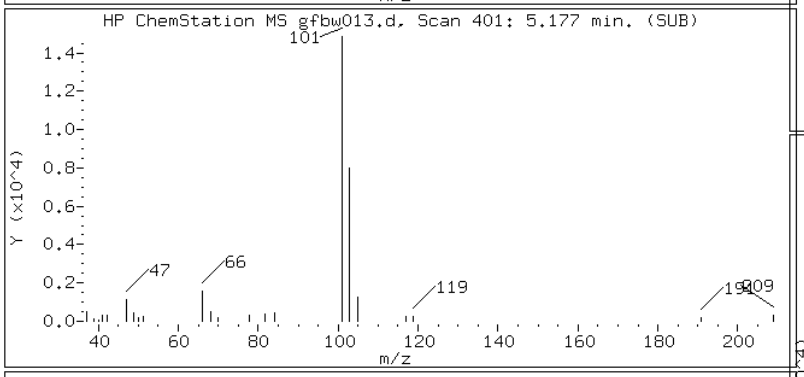
Client ID: CE-AA Instrument: G.i

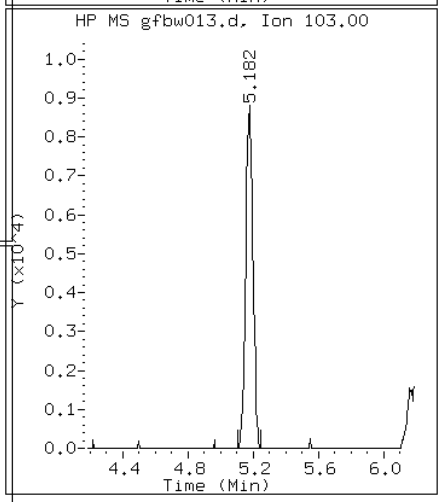
Sample Info: 220-13862-A-1 Operator: wrd

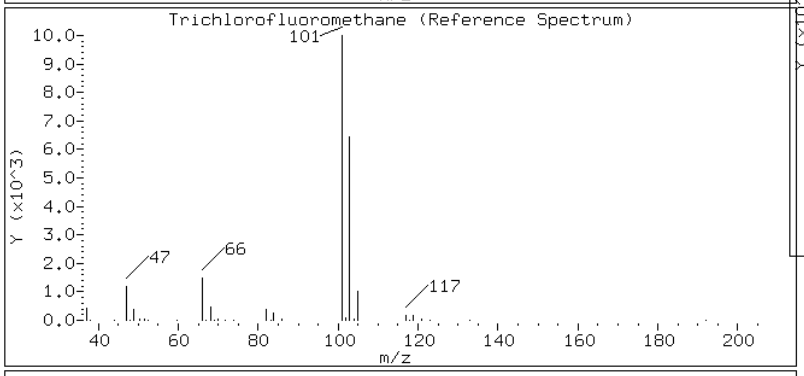
13 Trichlorofluoromethane

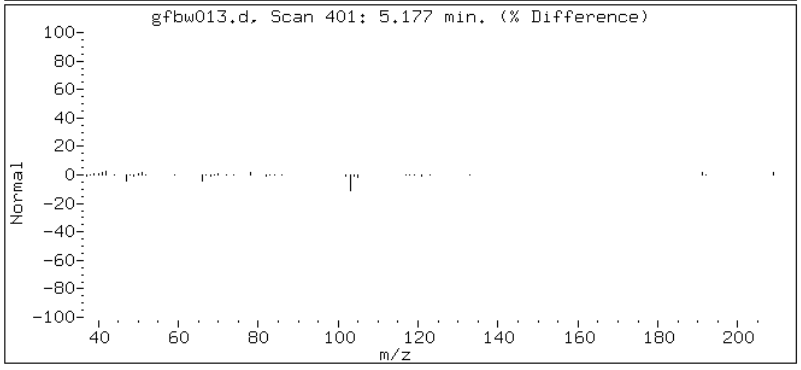












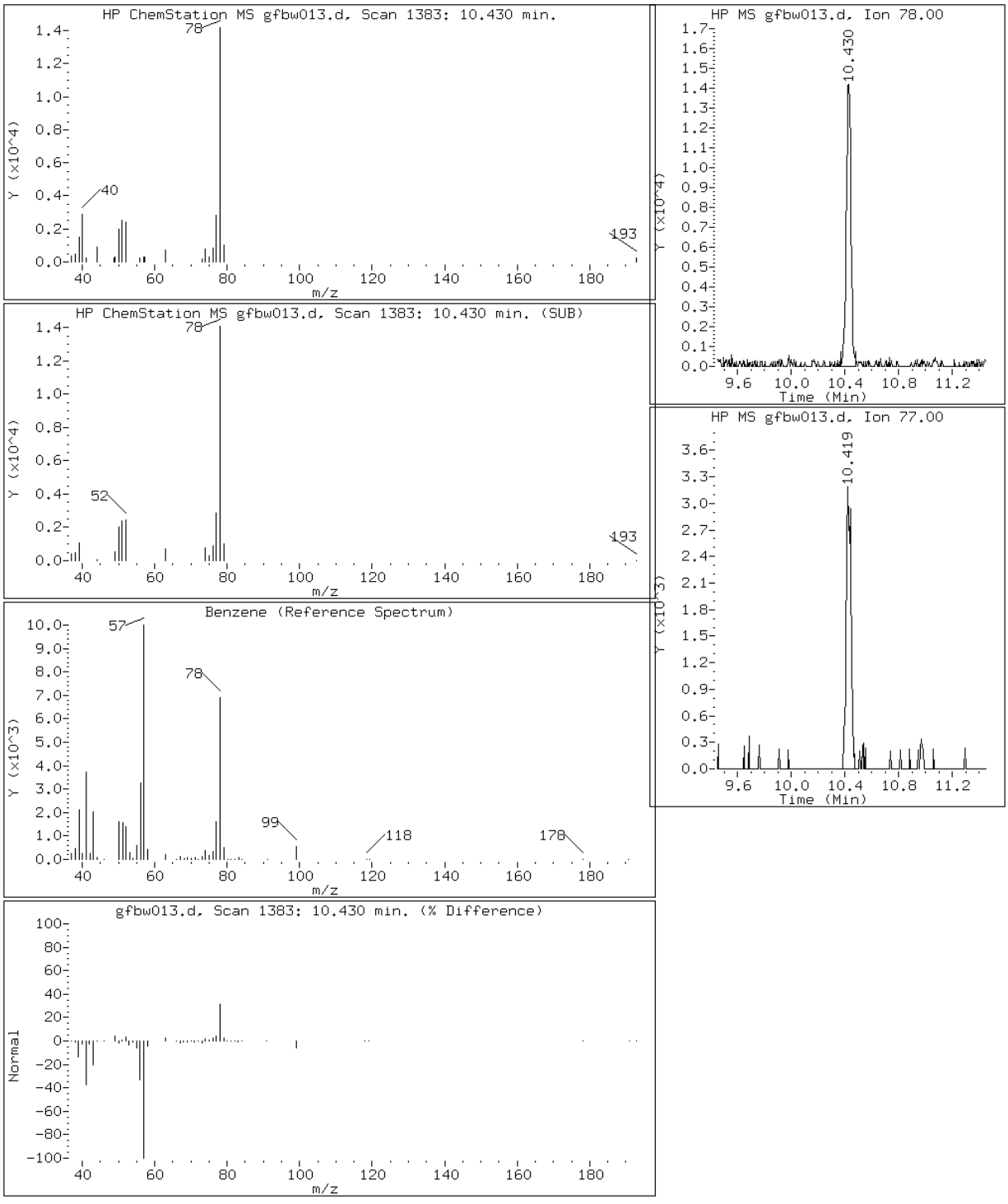
Data File: gfbw013.d

Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

Client ID: CE-AA Instrument: G.i

Sample Info: 220-13862-A-1 Operator: wrd

44 Benzene



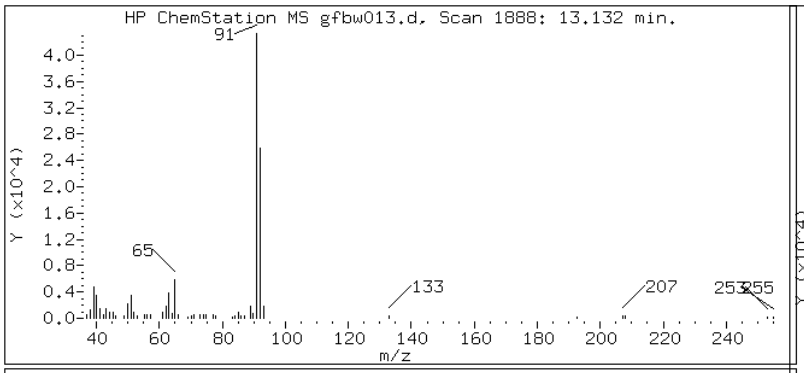
Data File: gfbw013.d

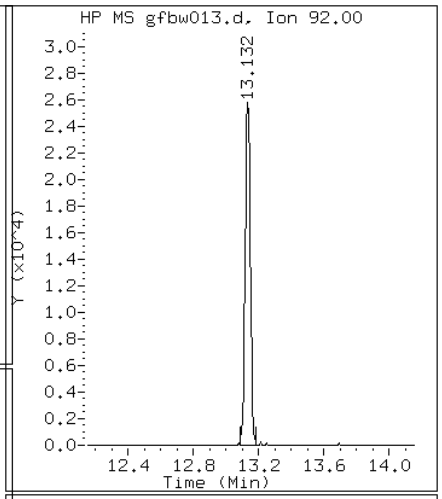
Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

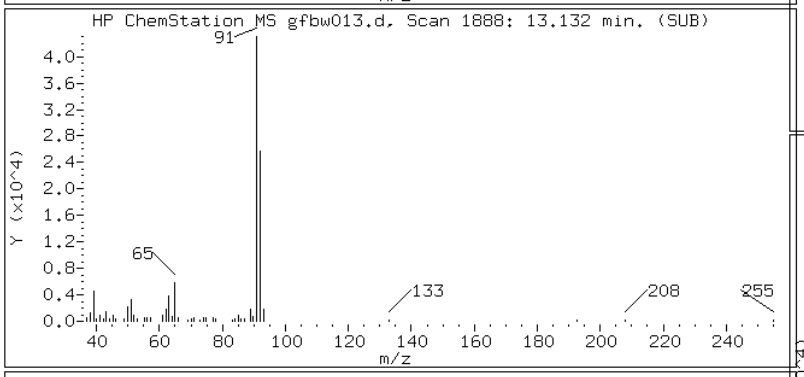
Client ID: CE-AA Instrument: G.i

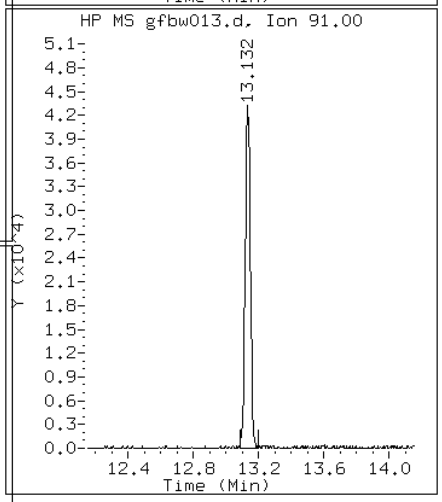
Sample Info: 220-13862-A-1 Operator: wrd

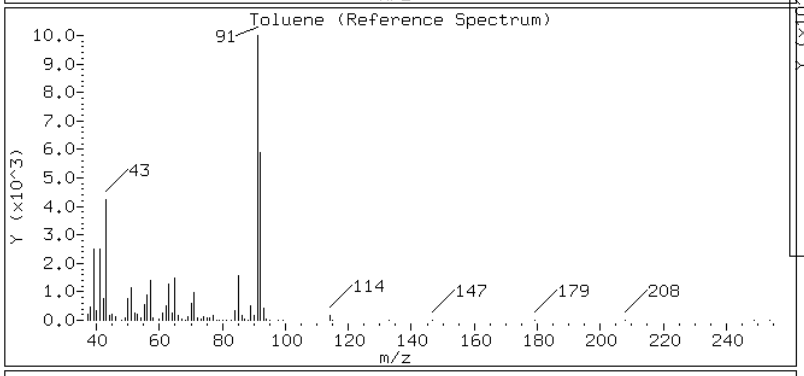
58 Toluene

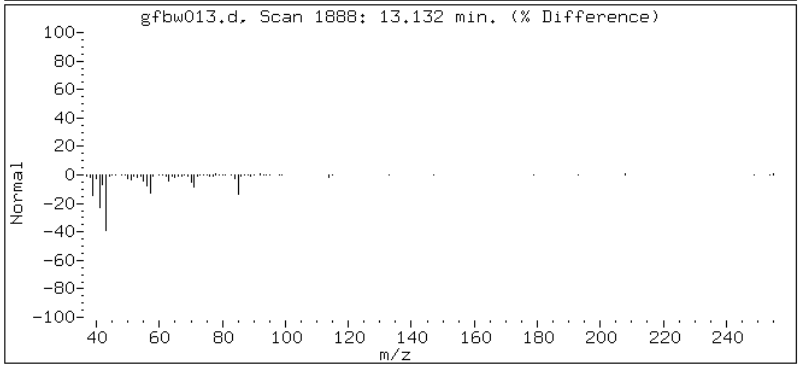












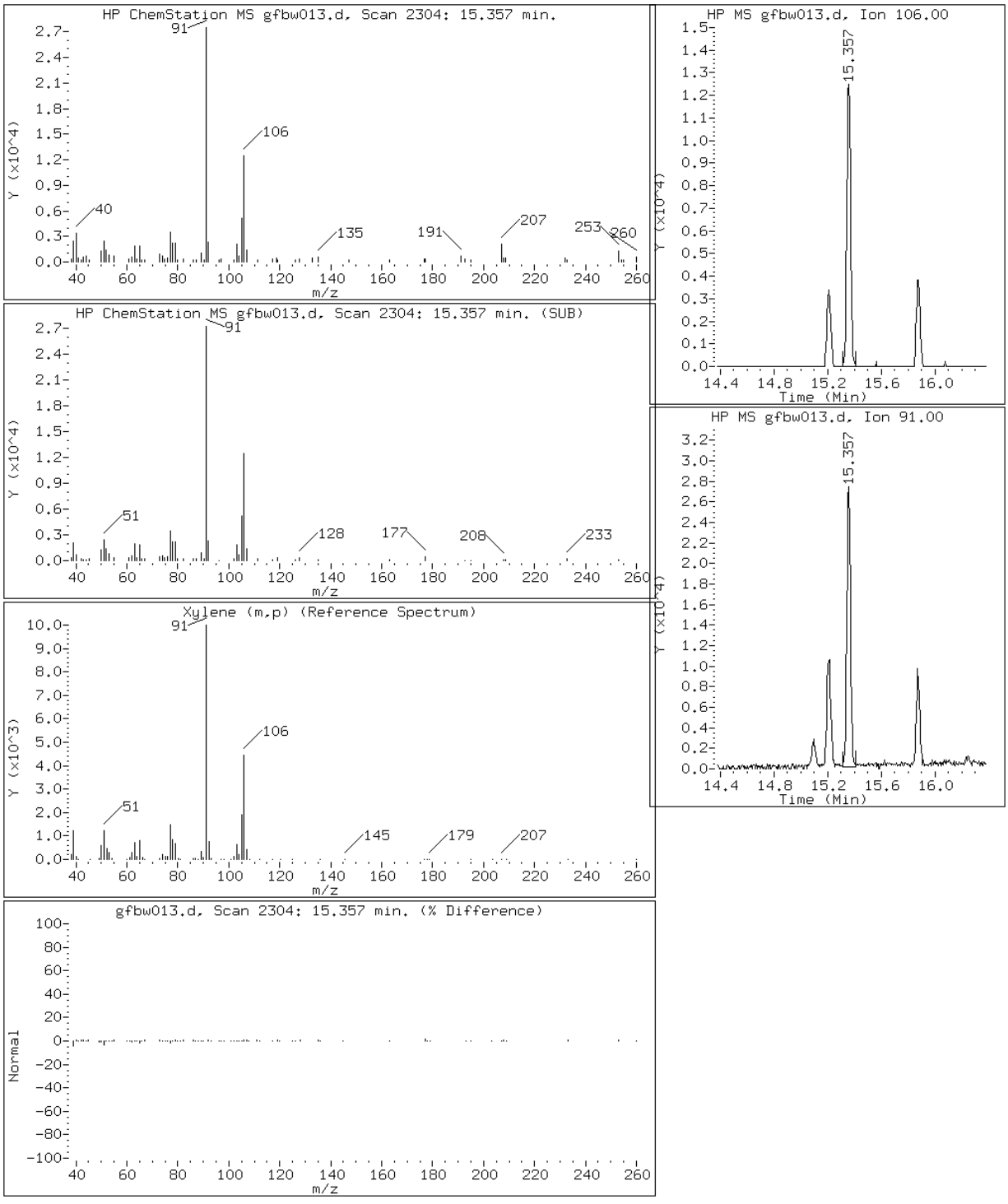
Data File: gfbw013.d

Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

Client ID: CE-AA Instrument: G.i

Sample Info: 220-13862-A-1 Operator: wrd

69 Xylene (m,p)



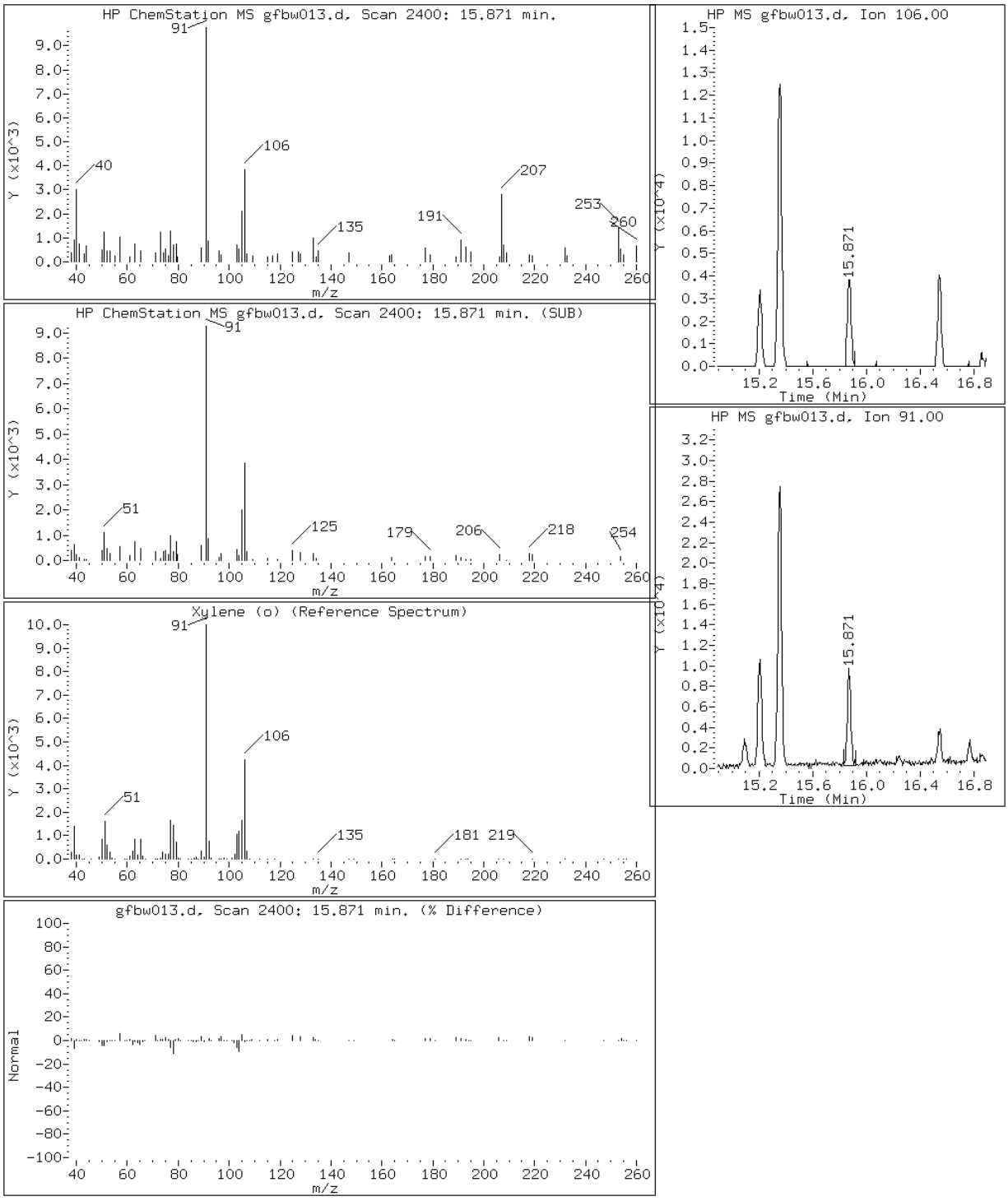
Data File: gfbw013.d

Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

Client ID: CE-AA Instrument: G.i

Sample Info: 220-13862-A-1 Operator: wrd

71 Xylene (o)



Manual Integration Report

Data File: gfbw013.d
Lab Sample ID: 220-13862-1
Inj. Date and Time: 05-NOV-2010 23:21
Instrument ID: G.i
Client ID: CE-AA
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

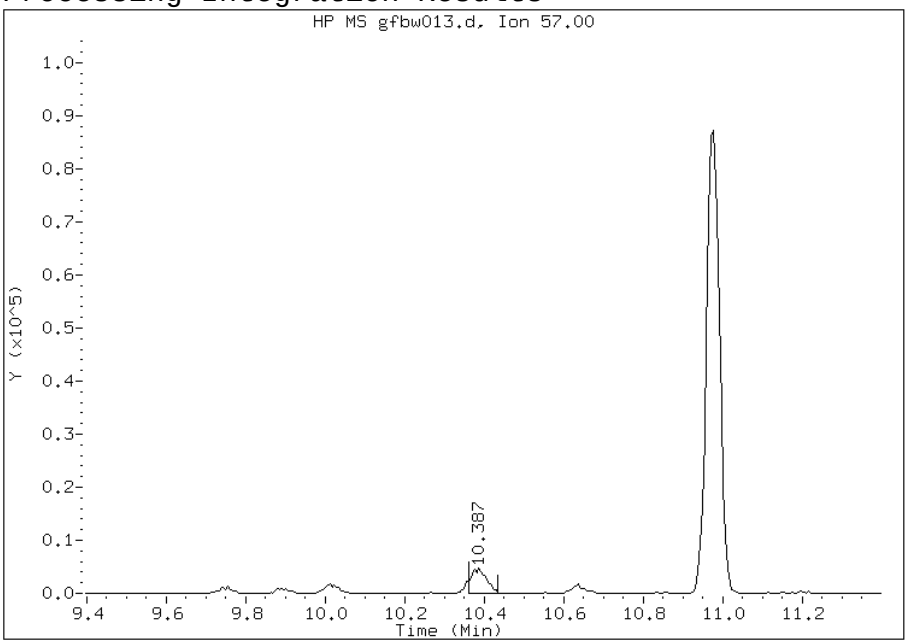
Processing Integration Results

RT: 10.39

Response: 12763

Amount: 0.073918

Conc: 0.073918



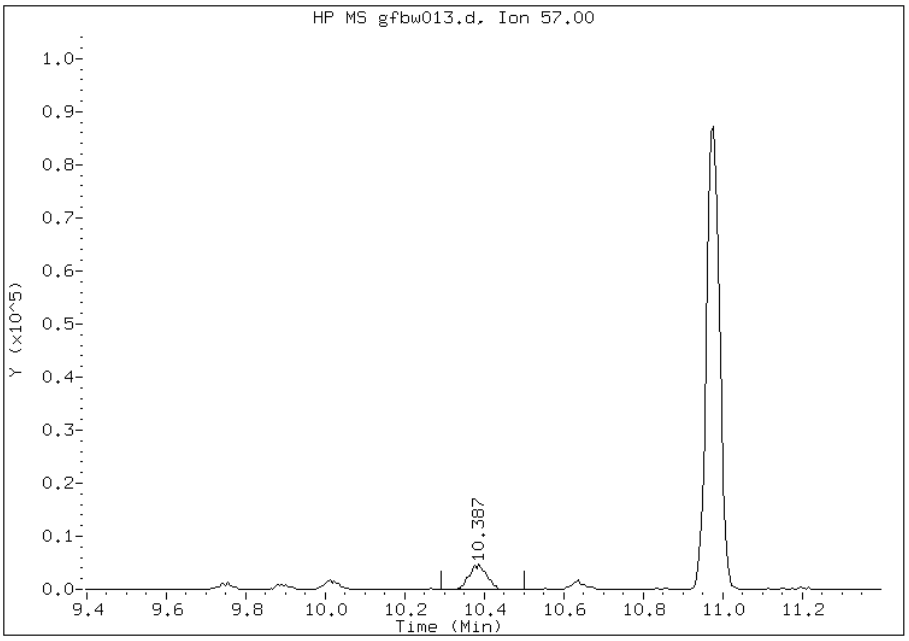
Manual Integration Results

RT: 10.39

Response: 14194

Amount: 0.082206

Conc: 0.082206



File Uploaded By: njr
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw013.d
Lab Sample ID: 220-13862-1
Inj. Date and Time: 05-NOV-2010 23:21
Instrument ID: G.i
Client ID: CE-AA
Compound: 72 Styrene
CAS #: 100-42-5
Report Date: 11/06/2010

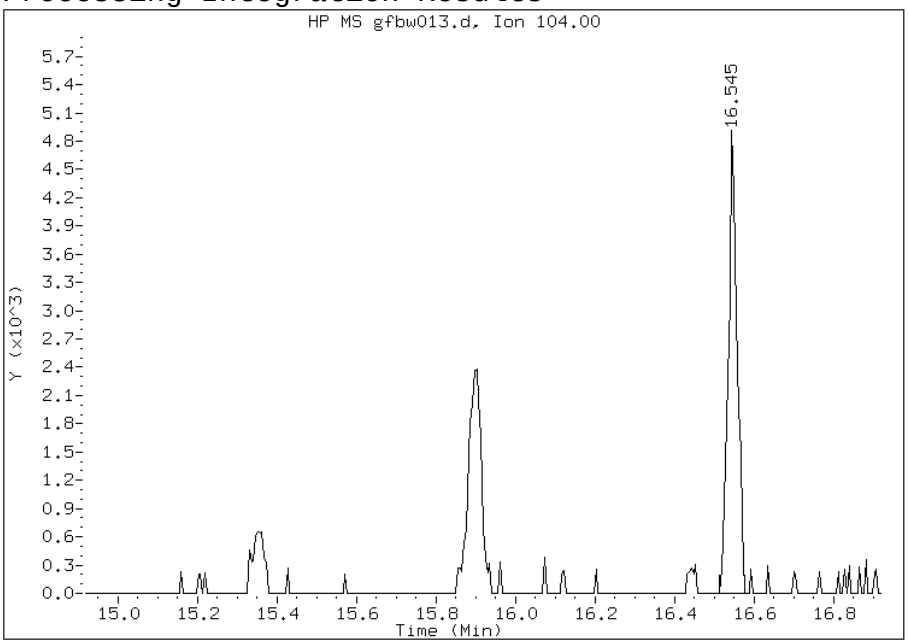
Processing Integration Results

RT: 16.54

Response: 7677

Amount: 0.065339

Conc: 0.065339



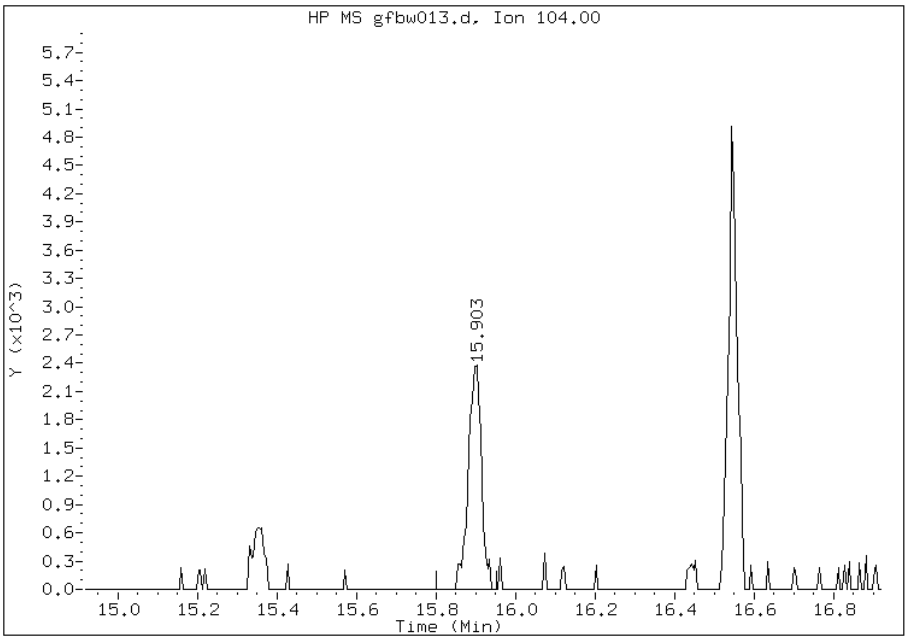
Manual Integration Results

RT: 15.90

Response: 5572

Amount: 0.047424

Conc: 0.047424



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.27		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	7.4		5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.31		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	2.8		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	1.4		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.22		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.49		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.80		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.45		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.2		0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	2.3		0.20	0.014
179601-23-1	m,p-Xylene	106.17	7.0		0.50	0.023
95-47-6	Xylene, o-	106.17	1.6		0.20	0.050
1330-20-7	Xylene (total)	106.17	8.6		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.22		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.65		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.66		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	18		12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	1.1		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	8.2		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	6.8		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.77		0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	2.0		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	3.0		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	3.0		1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.9		2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	10		0.87	0.061
179601-23-1	m,p-Xylene	106.17	30		2.2	0.10
95-47-6	Xylene, o-	106.17	6.8		0.87	0.22
1330-20-7	Xylene (total)	106.17	37		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	1.1		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	3.2		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	3.2		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-2
Client Smp ID: CE-VAPOR-1
Inj Date : 06-NOV-2010 11:17
Operator : njr Inst ID: G.i
Smp Info : 220-13862-A-2
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	74208	0.49056	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	8589	0.31411	0.31(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.182	5.187	(0.541)	42911	0.26975	0.27
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.161	6.182	(0.644)	8612	0.08817	0.088(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	242698	4.15014	4.2(a)
21 Carbon disulfide	76	6.653	6.658	(0.695)	61966	0.48268	0.48(a)
22 Isopropanol	45	6.610	6.621	(0.690)	297420	7.40000	7.4
23 Allyl chloride	41	Compound Not Detected.					

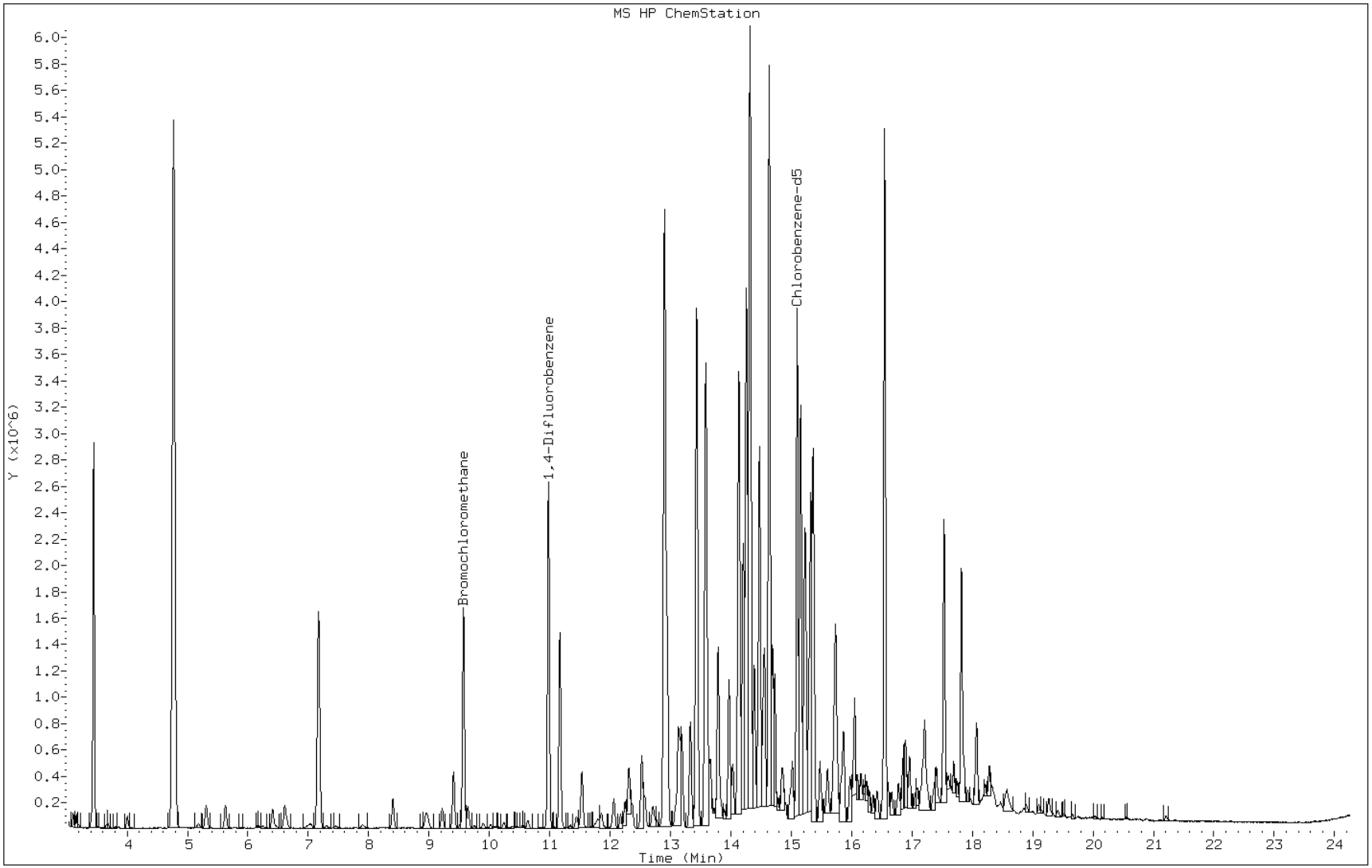
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.177	7.199	(0.750)	17418	0.37270	0.37(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	17443	0.30511	0.31
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.210	9.232	(0.962)	48154	2.77503	2.8(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	540658	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.644	9.665	(1.007)	155601	1.39993	1.4
	40 Cyclohexane	84	9.906	9.916	(0.902)	12634	0.22345	0.22(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.919)	13203	0.08940	0.089(aM)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.945)	10188	0.05498	0.055(aM)
	44 Benzene	78	10.425	10.451	(0.949)	17936	0.12962	0.13(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.633	10.655	(0.968)	32585	0.48537	0.49
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2627655	10.0000	
	49 Trichloroethene	95	11.339	11.355	(1.033)	9179	0.12619	0.13(aQ)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.137	13.153	(0.870)	78306	0.80467	0.80
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.897	13.913	(0.921)	48337	0.44802	0.45
	62 2-Hexanone	43	14.025	14.068	(0.929)	91058	1.19387	1.2(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2467089	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	512635	2.32840	2.3
	69 Xylene (m,p)	106	15.362	15.378	(1.018)	583827	6.98324	7.0
M	70 Xylenes, Total	106				715370	8.55318	8.6
	71 Xylene (o)	106	15.876	15.892	(1.052)	131543	1.56994	1.6
	72 Styrene	104	15.897	15.919	(1.053)	22339	0.17989	0.18(aQ)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	57036	0.22474	0.22
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	140784	0.64686	0.65
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	141316	0.65599	0.66
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.930	17.941	(1.188)	14079	0.08727	0.087(aQ)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw027.d	Date:	06-NOV-2010 11:17
Client ID:	CE-VAPOR-1	Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-2		
Lab Sample ID:	220-13862-2		



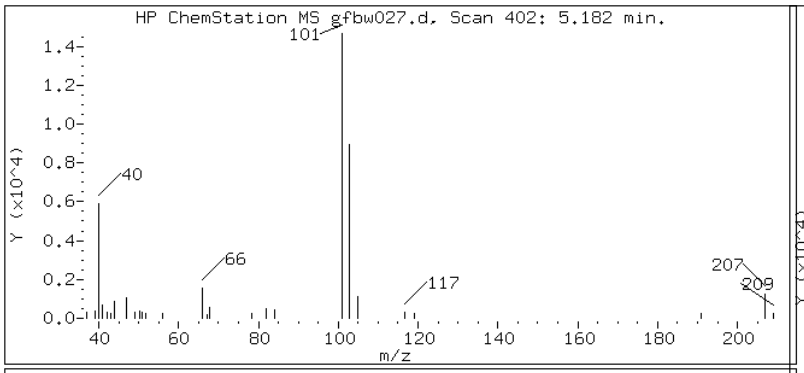
Data File: gfbw027.d

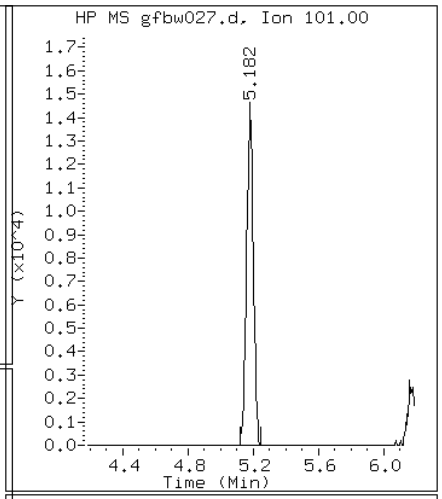
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

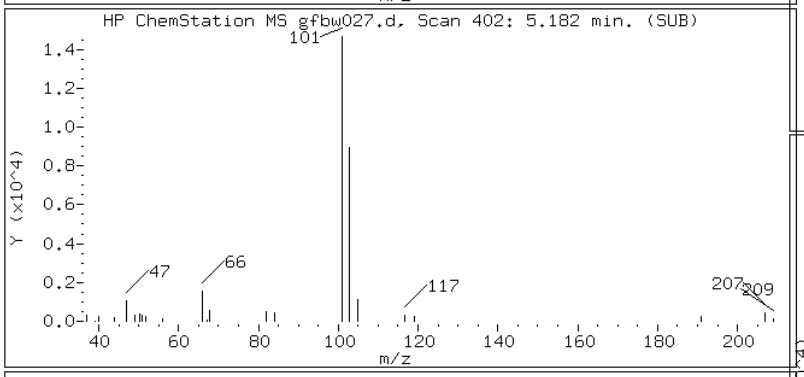
Client ID: CE-VAPOR-1 Instrument: G.i

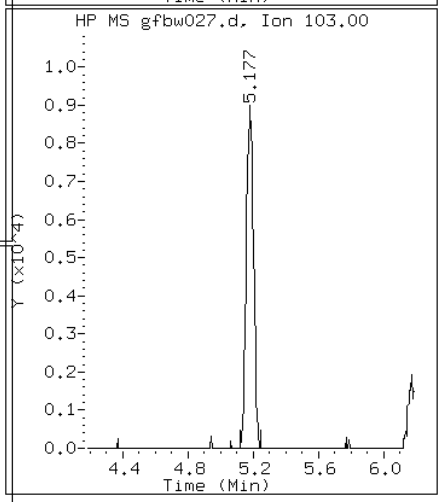
Sample Info: 220-13862-A-2 Operator: njr

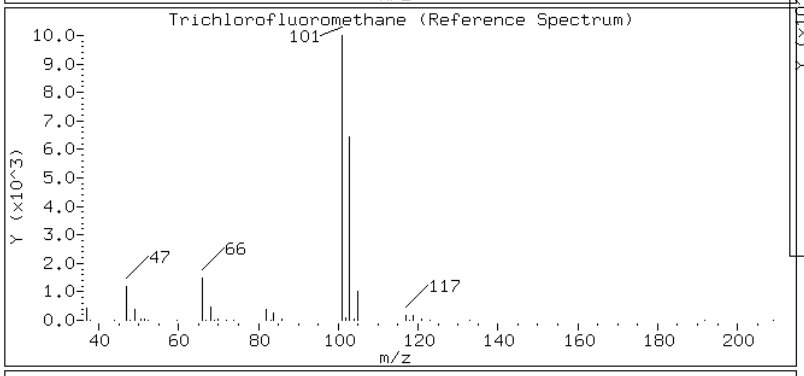
13 Trichlorofluoromethane

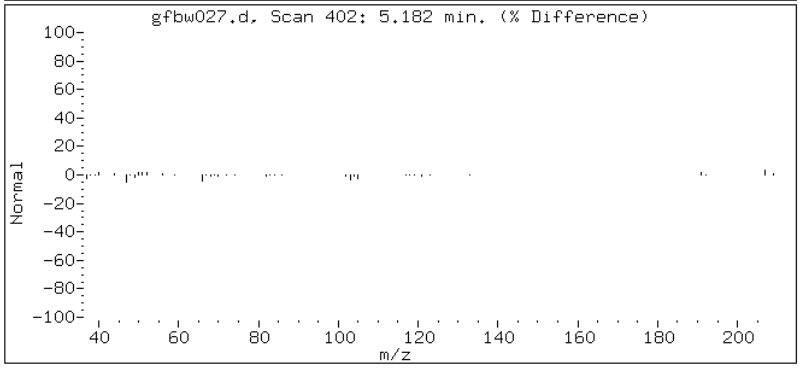












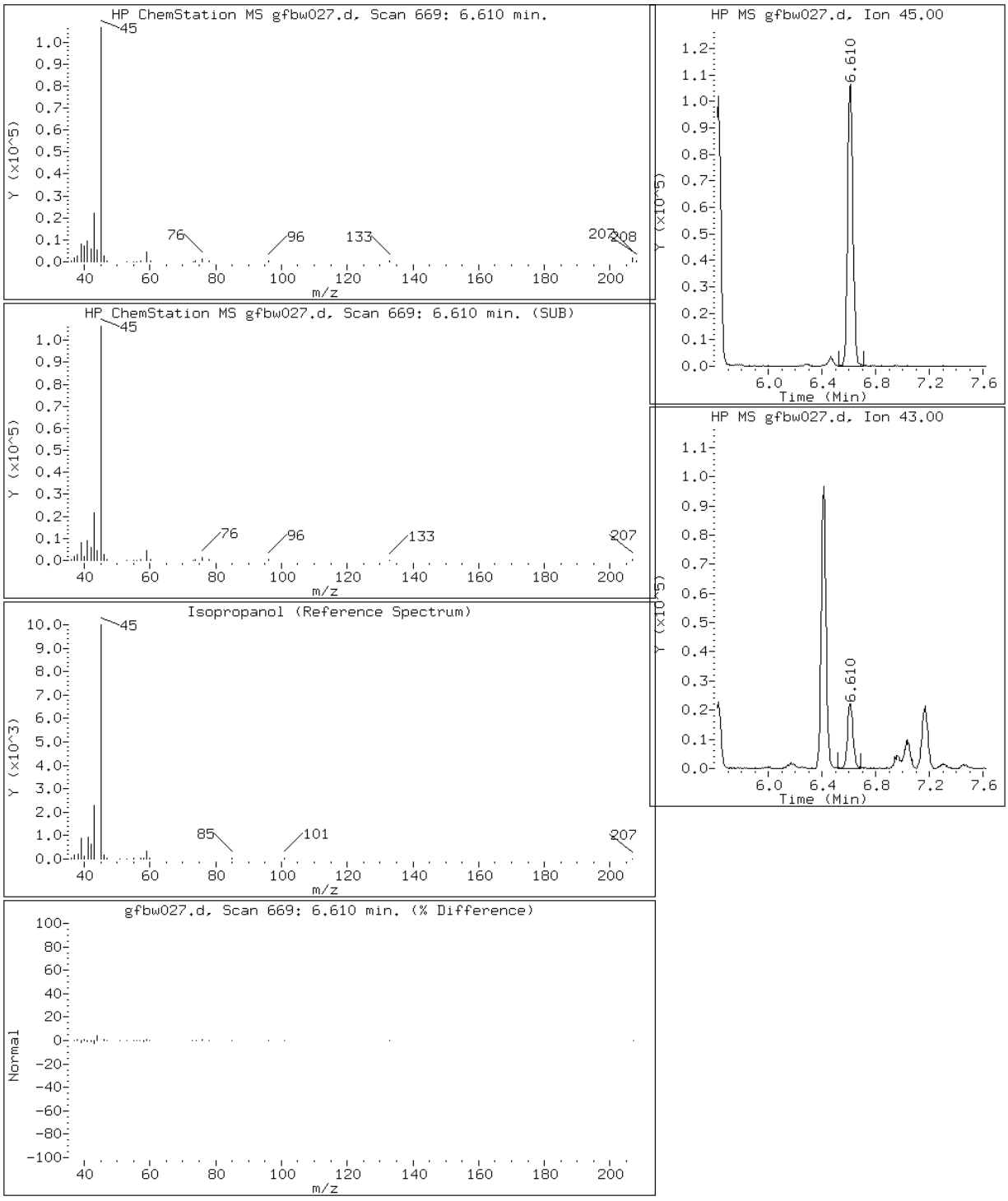
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

22 Isopropanol



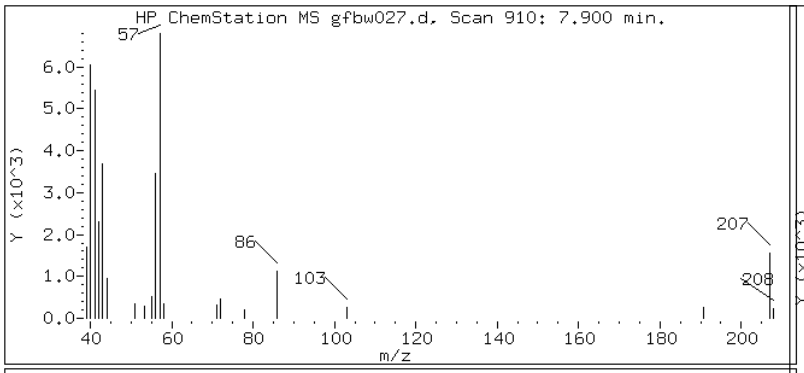
Data File: gfbw027.d

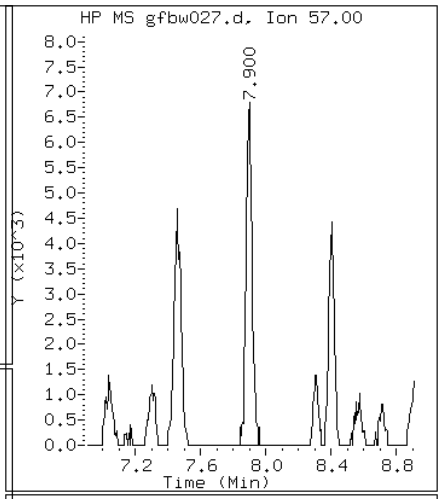
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

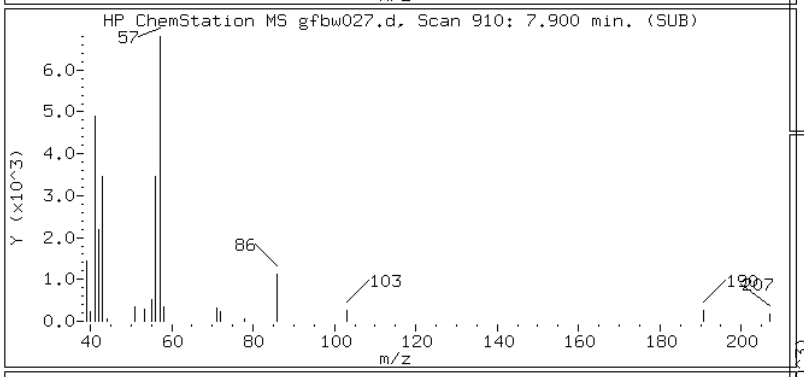
Client ID: CE-VAPOR-1 Instrument: G.i

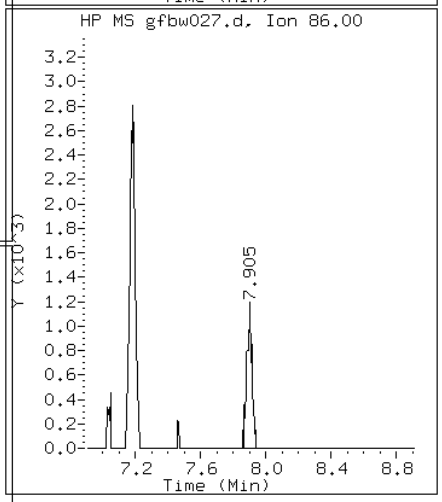
Sample Info: 220-13862-A-2 Operator: njr

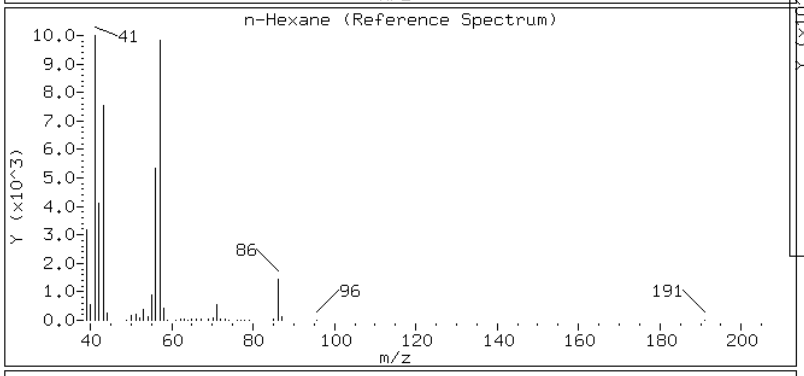
30 n-Hexane

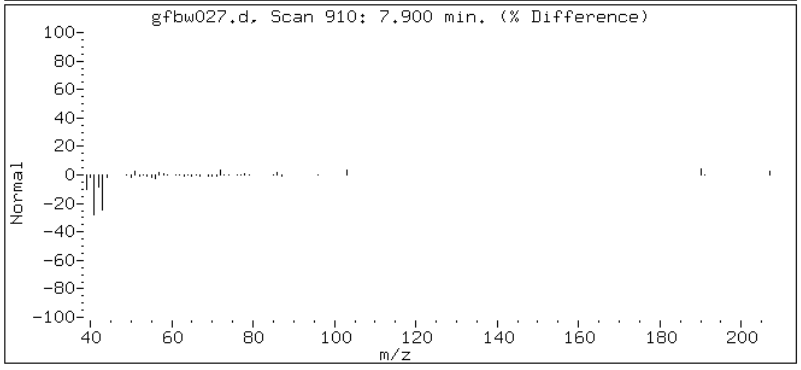












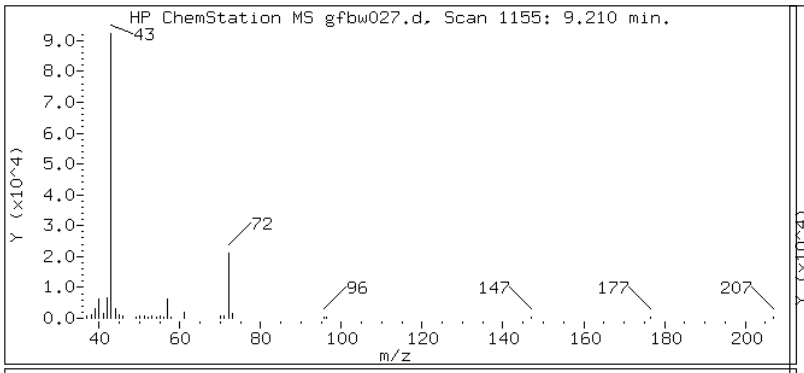
Data File: gfbw027.d

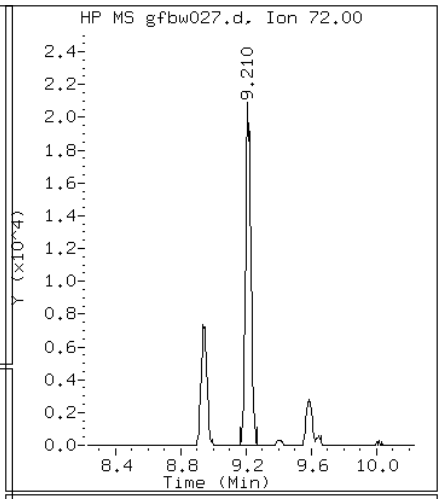
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

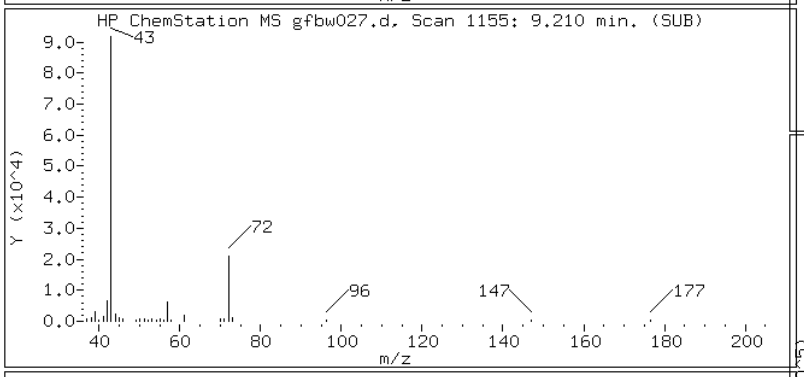
Client ID: CE-VAPOR-1 Instrument: G.i

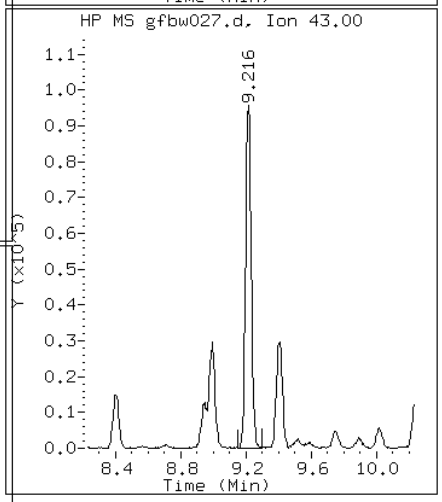
Sample Info: 220-13862-A-2 Operator: njr

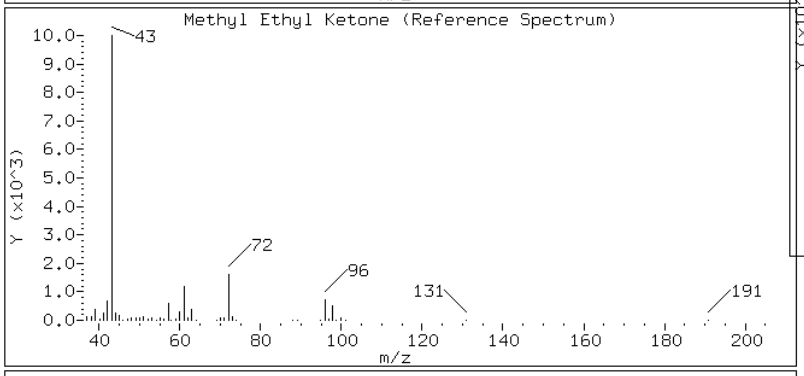
36 Methyl Ethyl Ketone

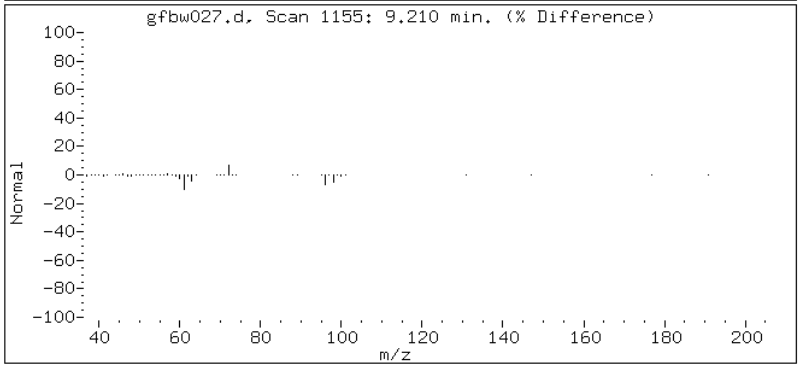












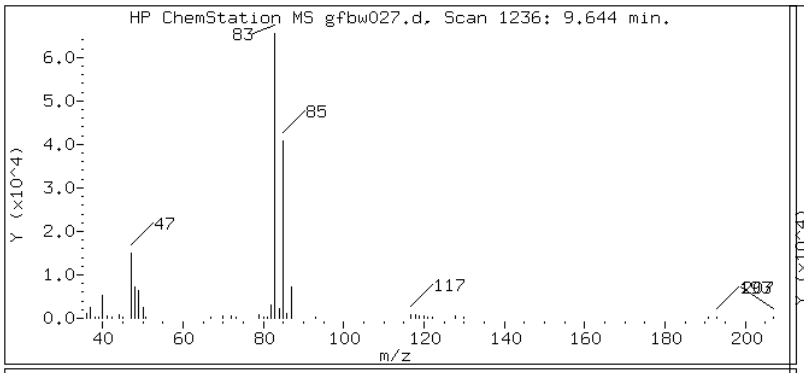
Data File: gfbw027.d

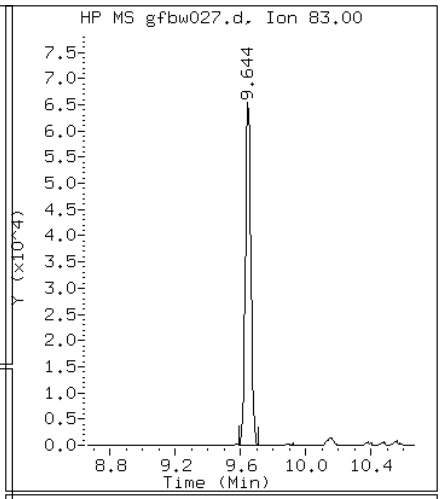
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

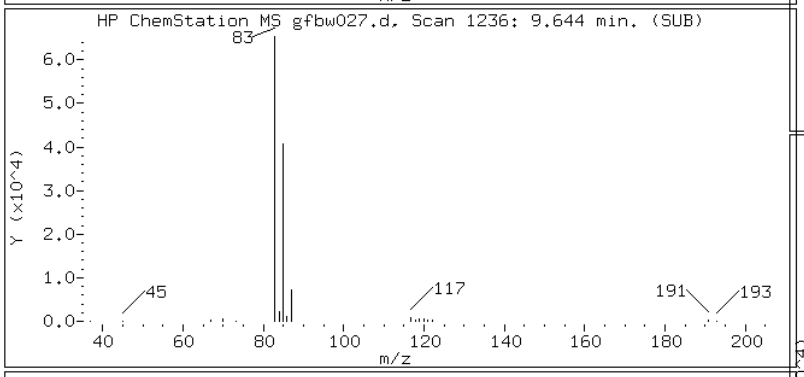
Client ID: CE-VAPOR-1 Instrument: G.i

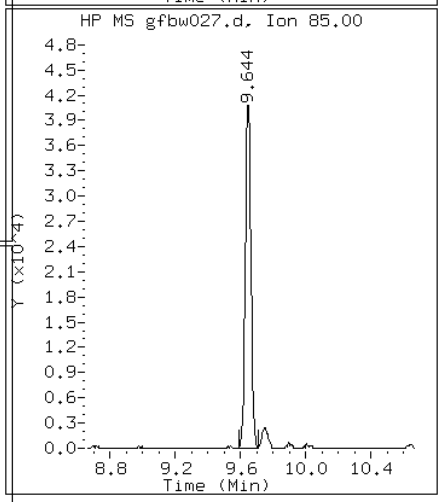
Sample Info: 220-13862-A-2 Operator: njr

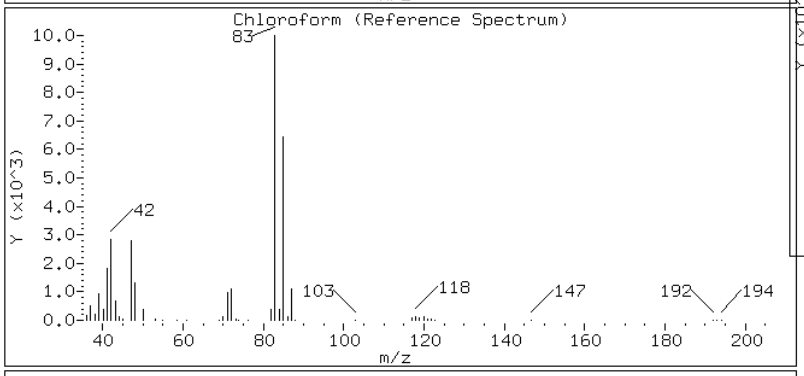
39 Chloroform

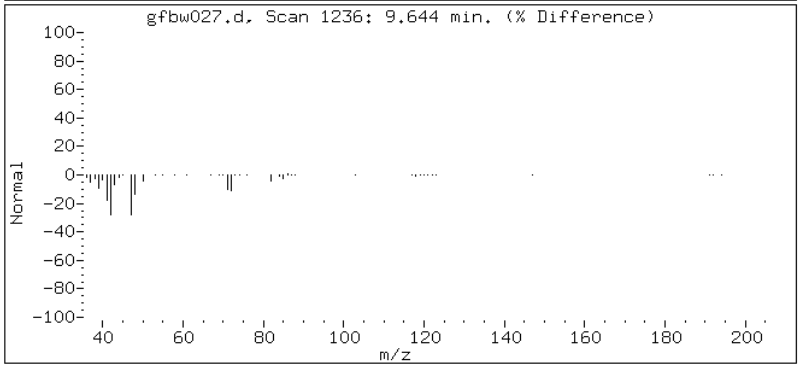












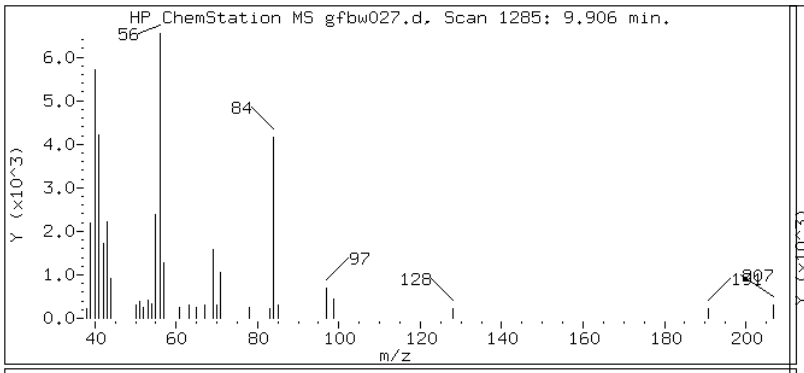
Data File: gfbw027.d

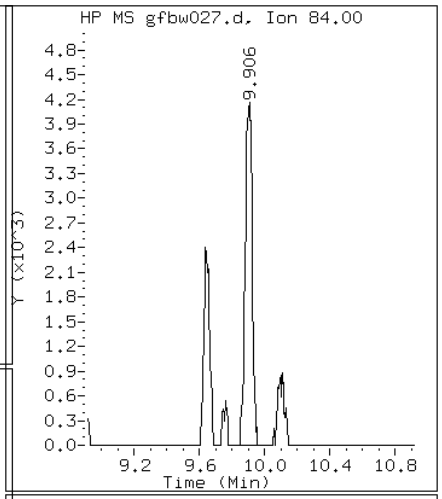
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

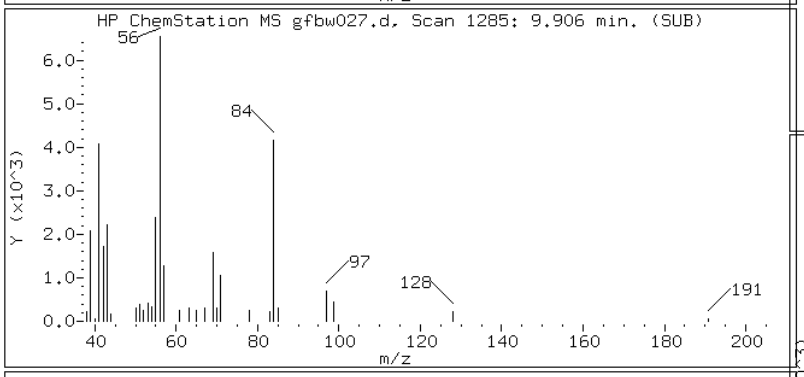
Client ID: CE-VAPOR-1 Instrument: G.i

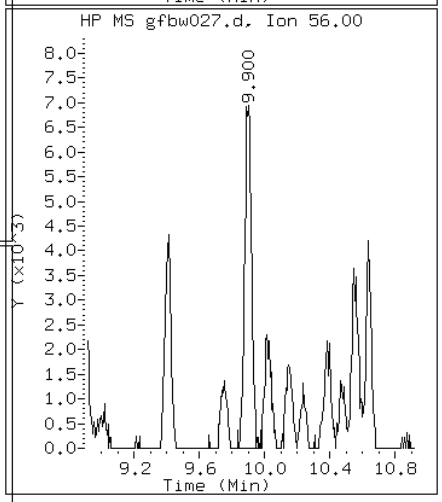
Sample Info: 220-13862-A-2 Operator: njr

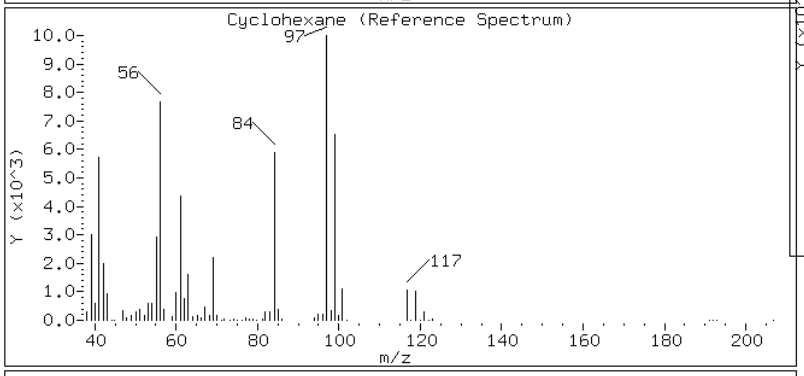
40 Cyclohexane

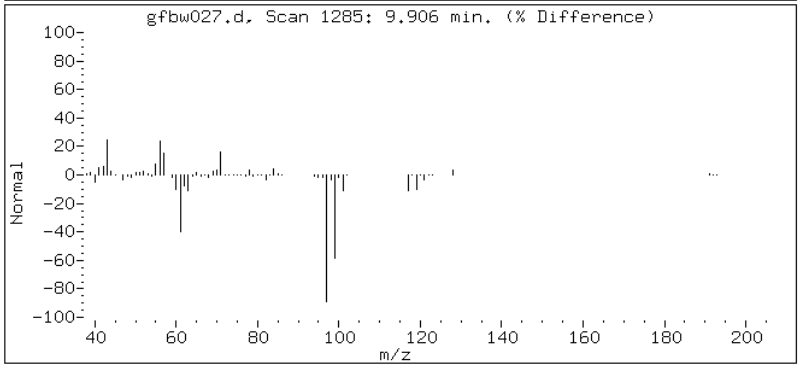












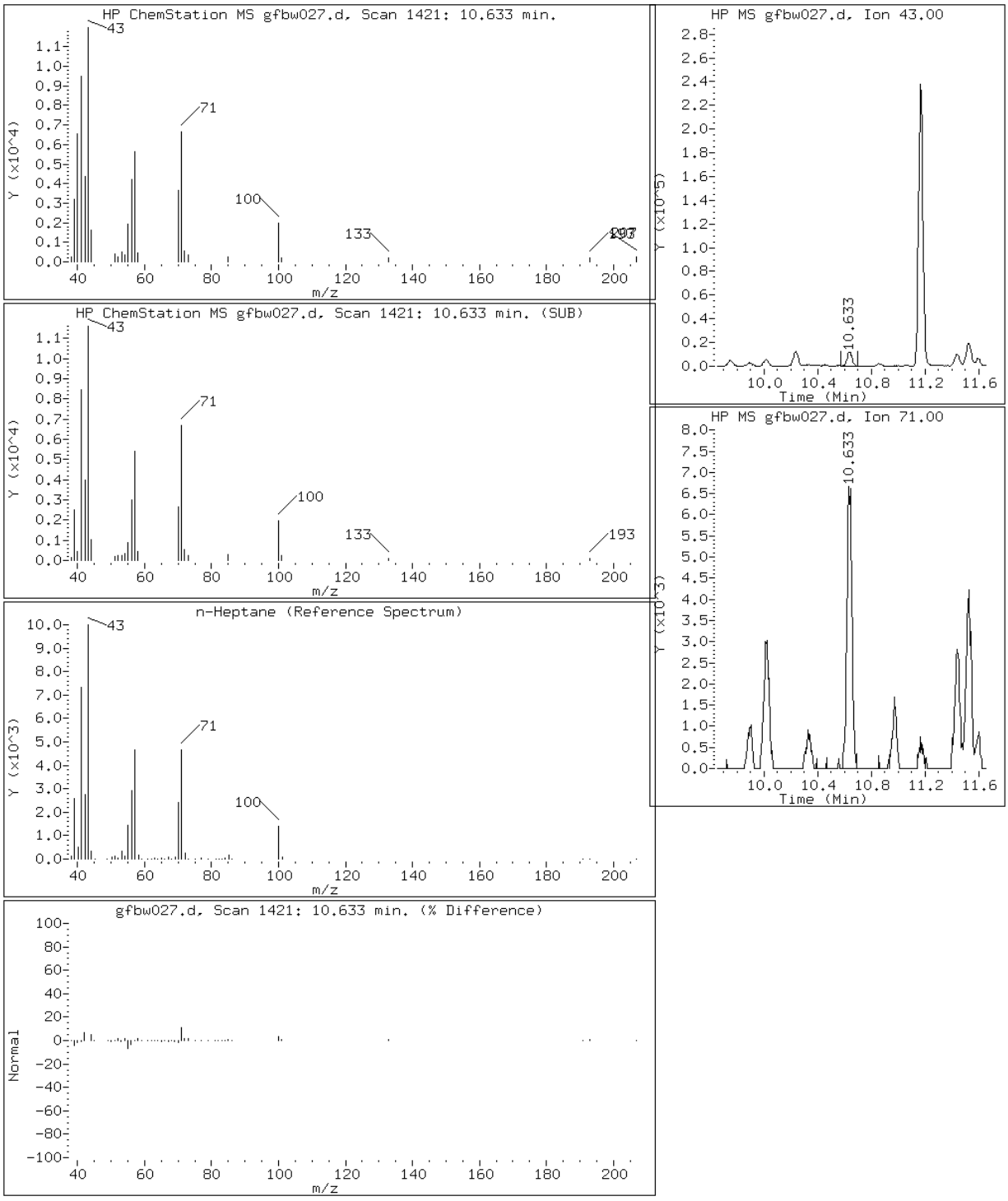
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

46 n-Heptane



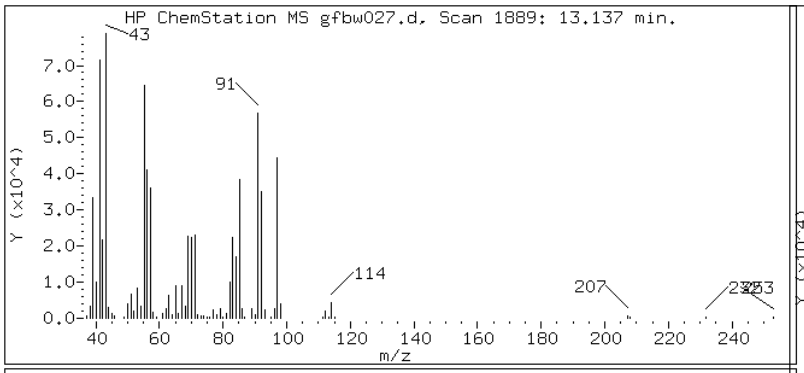
Data File: gfbw027.d

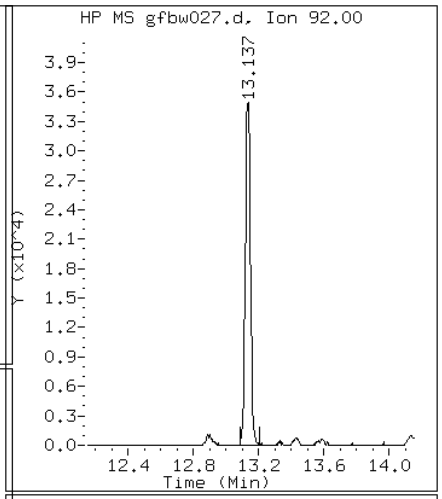
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

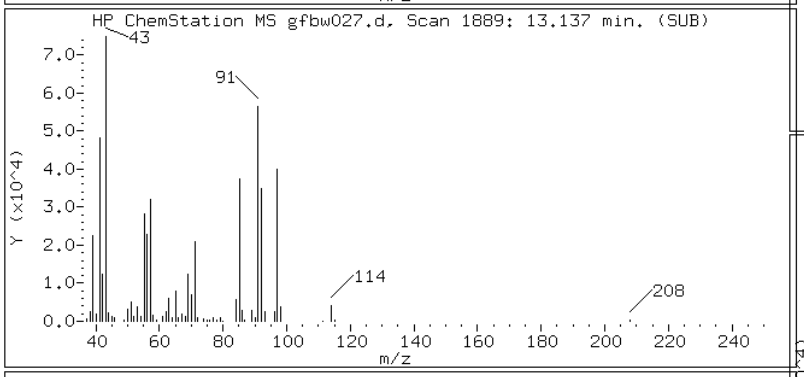
Client ID: CE-VAPOR-1 Instrument: G.i

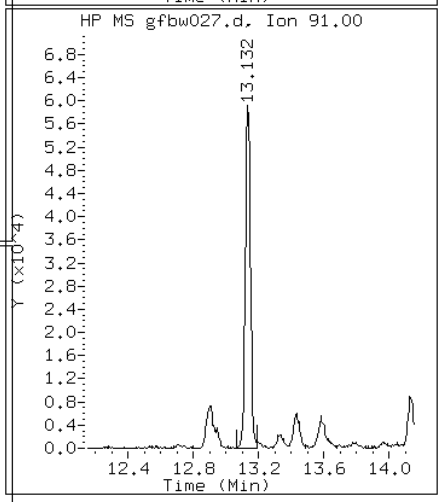
Sample Info: 220-13862-A-2 Operator: njr

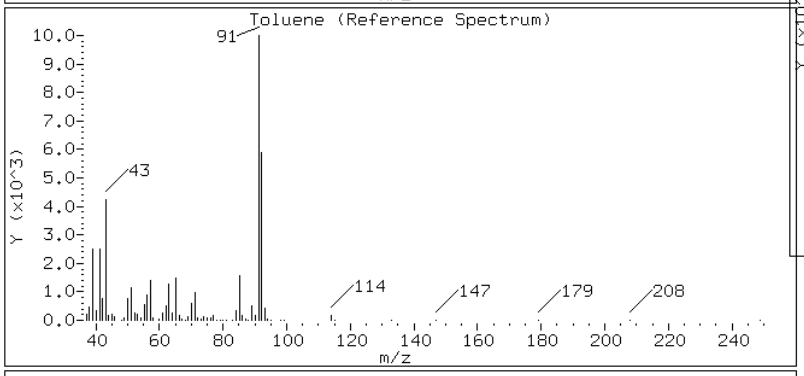
58 Toluene

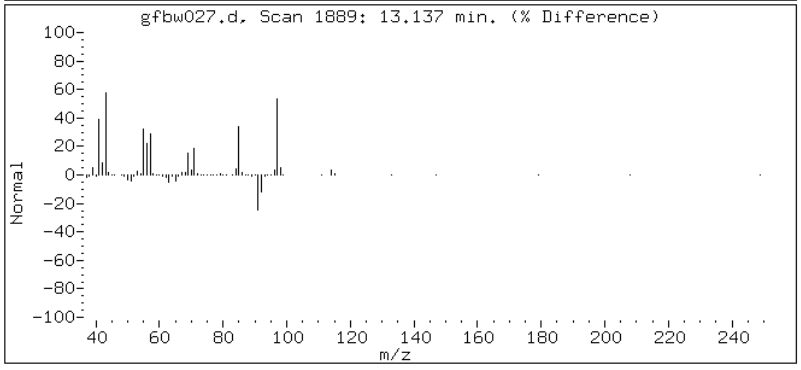












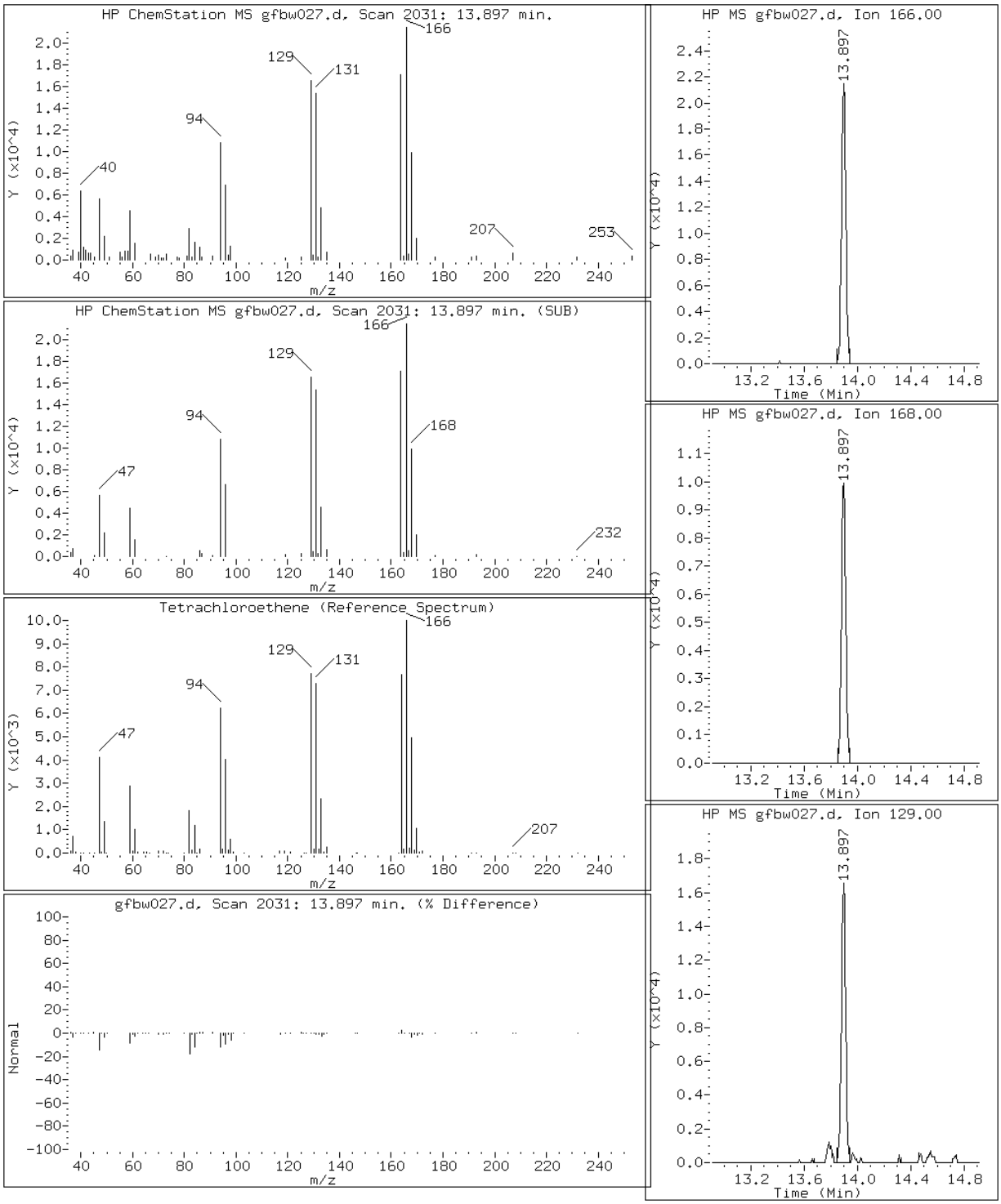
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

61 Tetrachloroethene



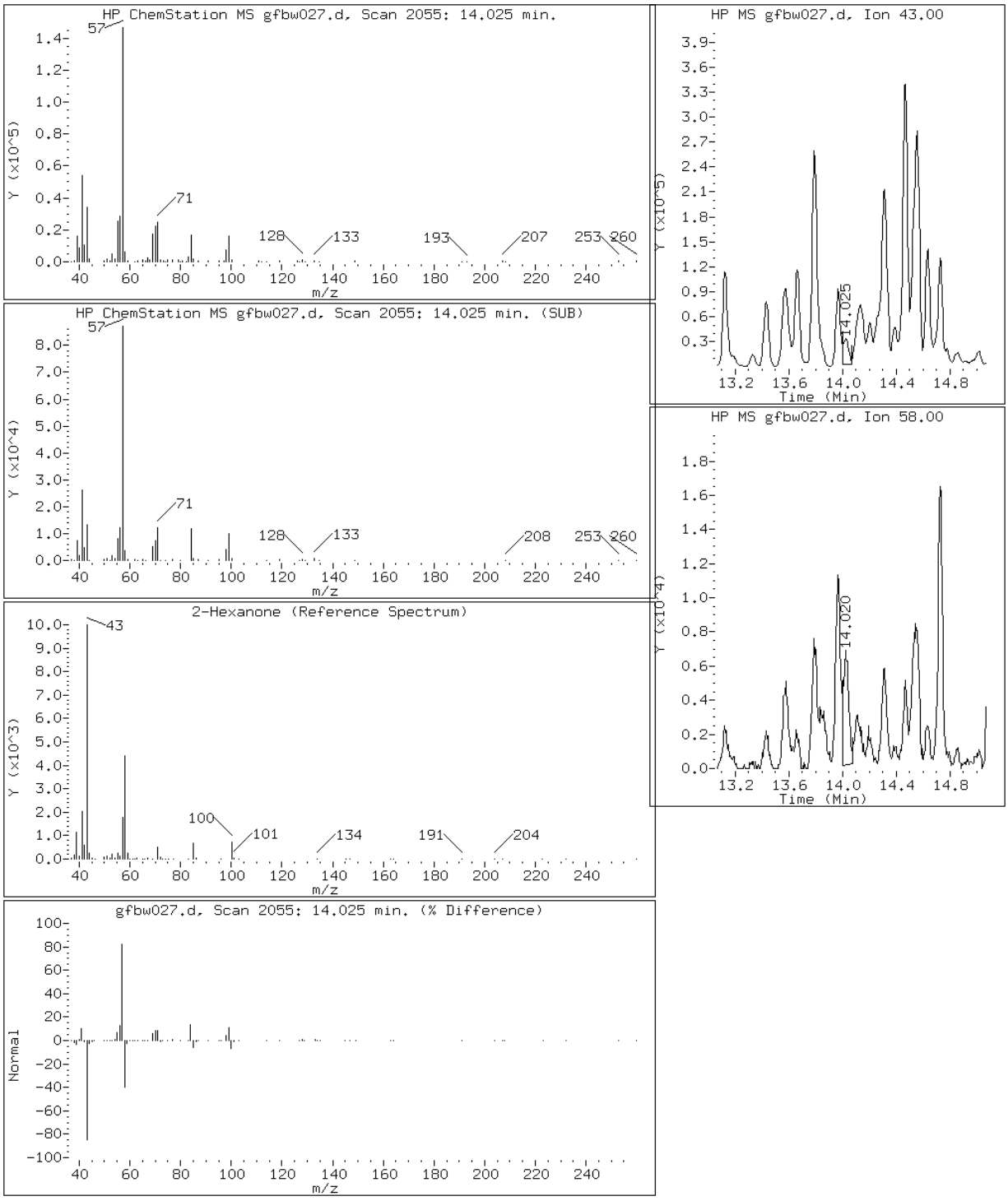
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

62 2-Hexanone



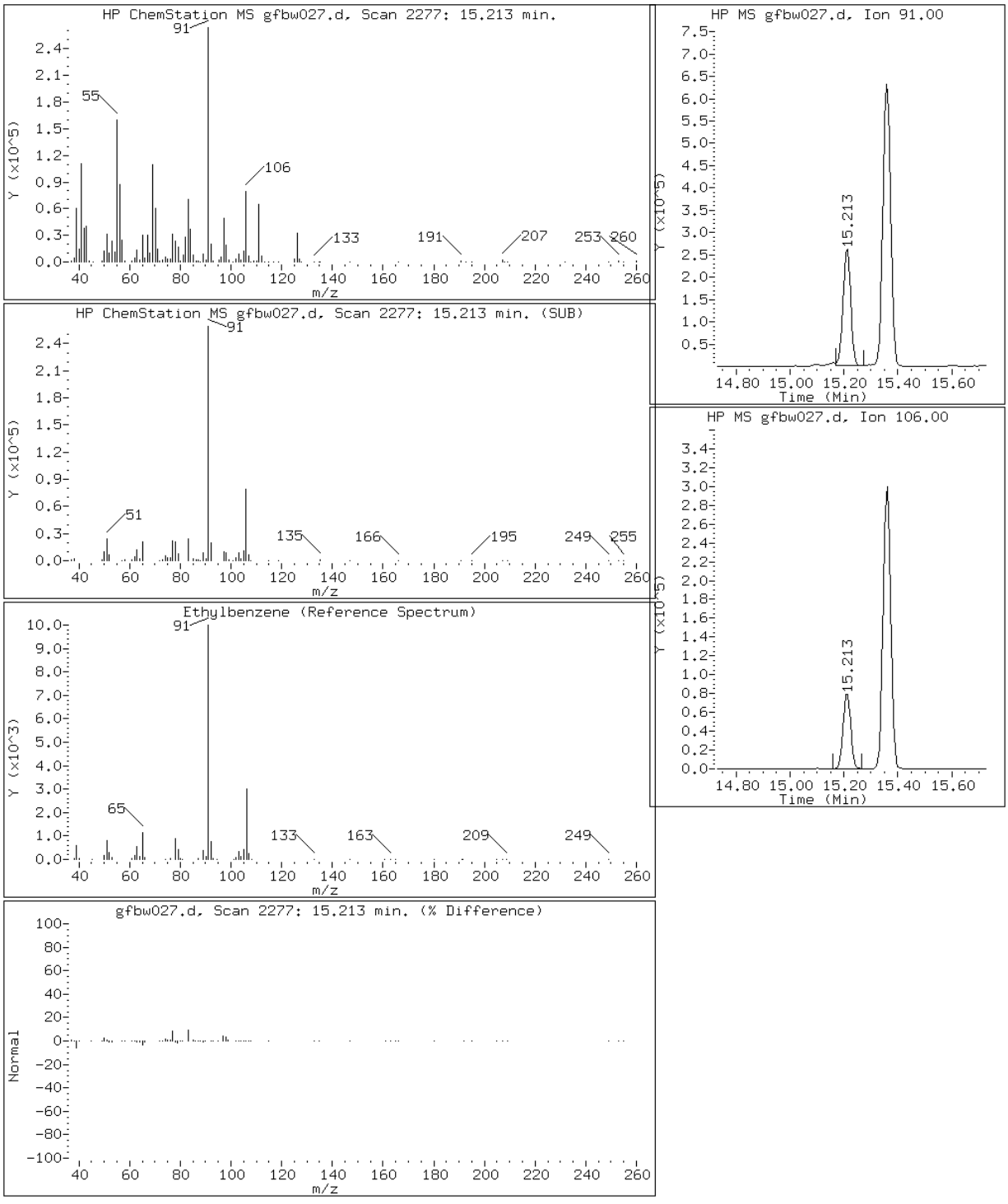
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

68 Ethylbenzene



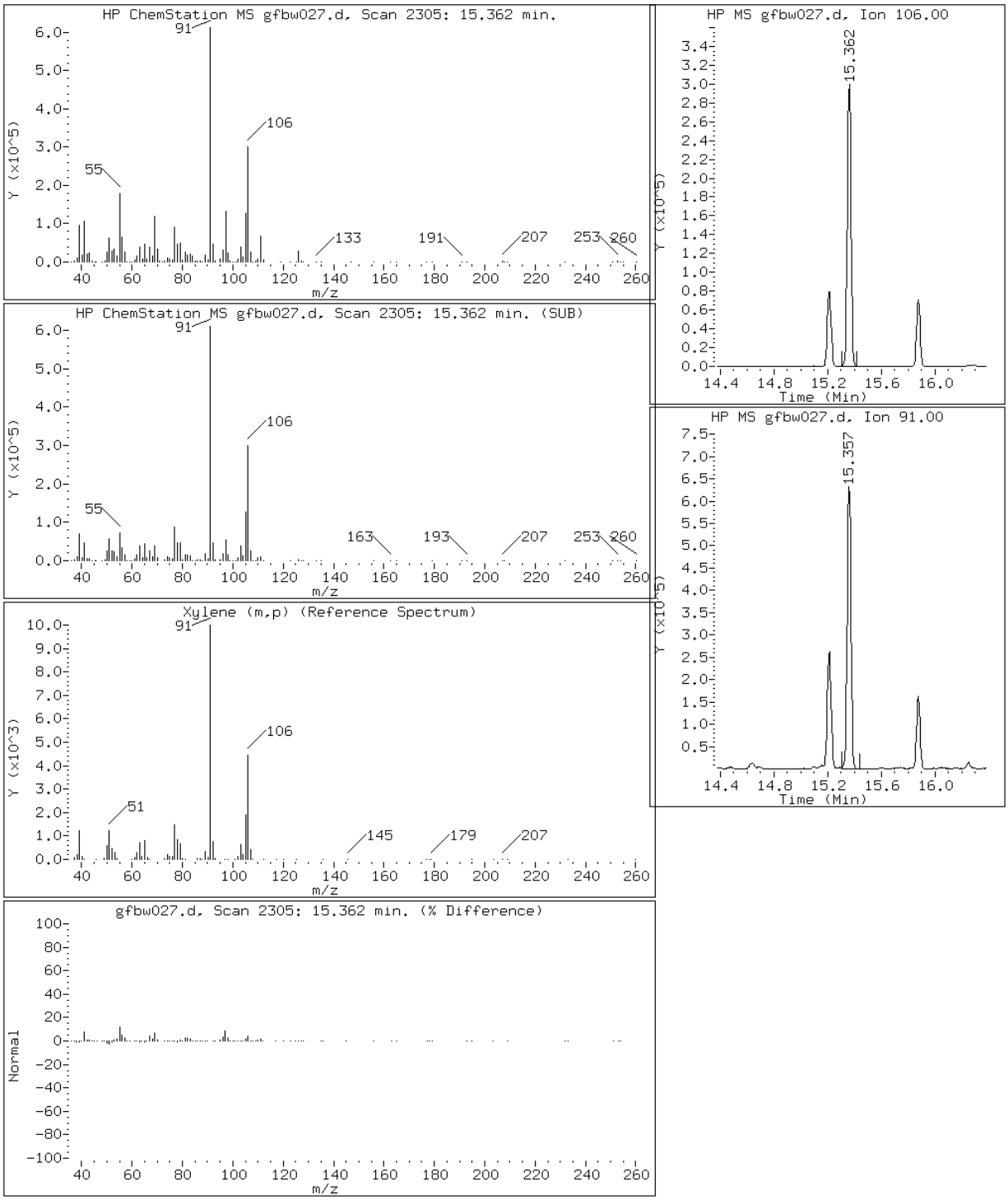
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

69 Xylene (m,p)



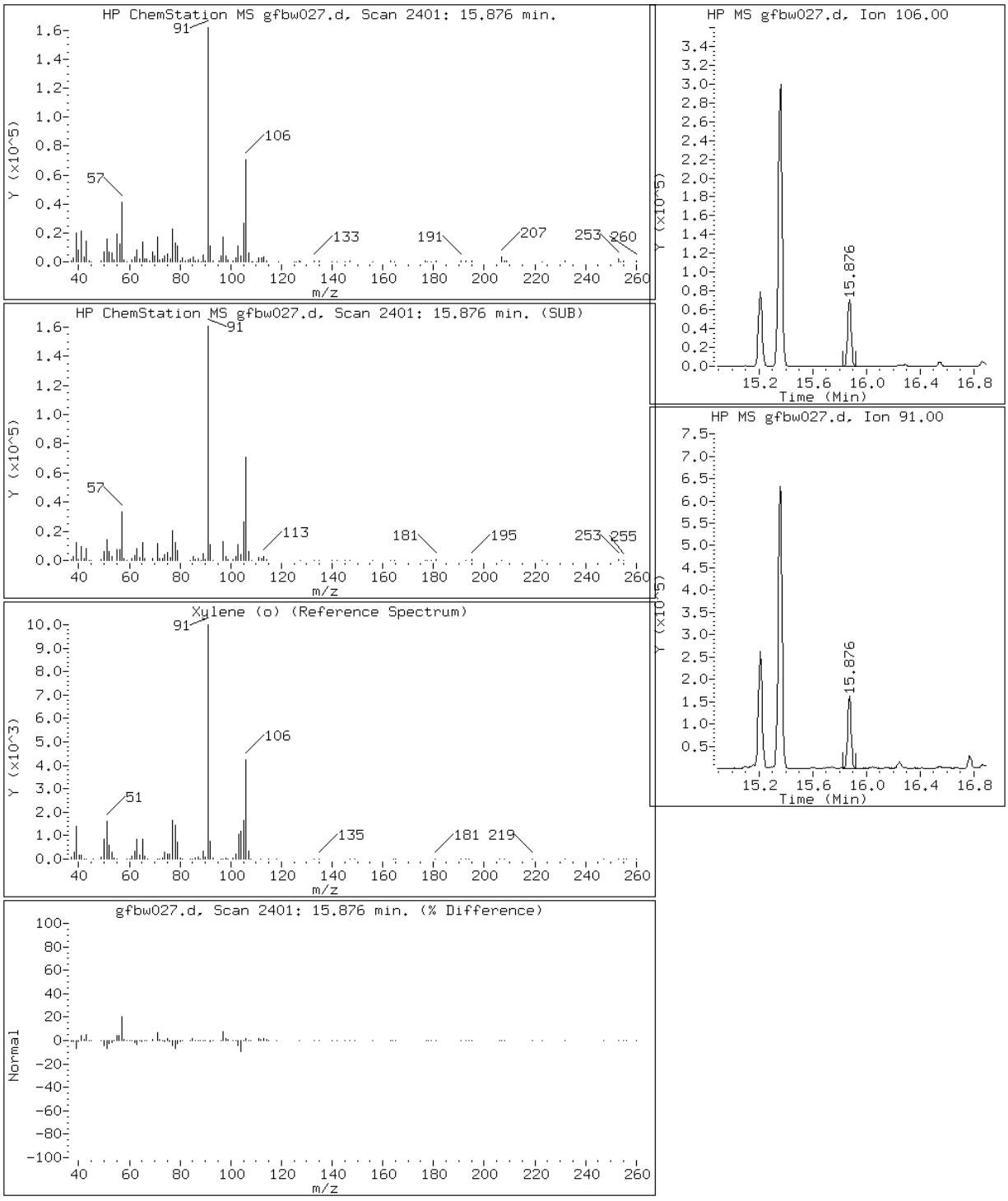
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

71 Xylene (o)



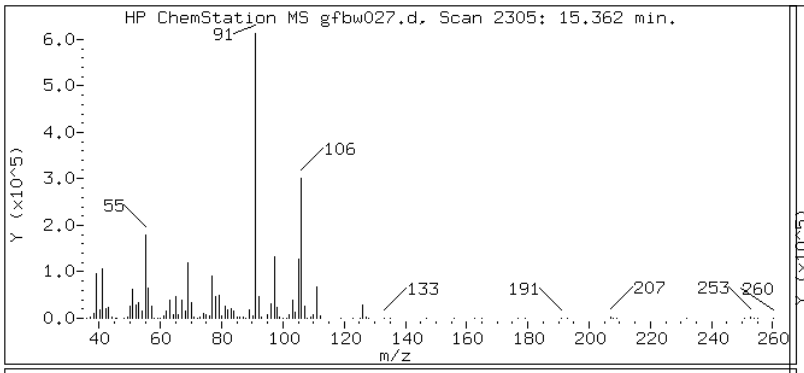
Data File: gfbw027.d

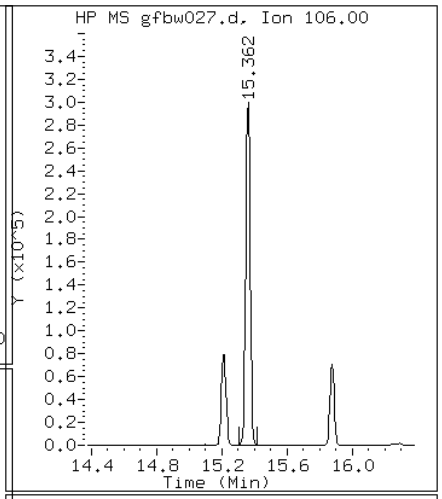
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

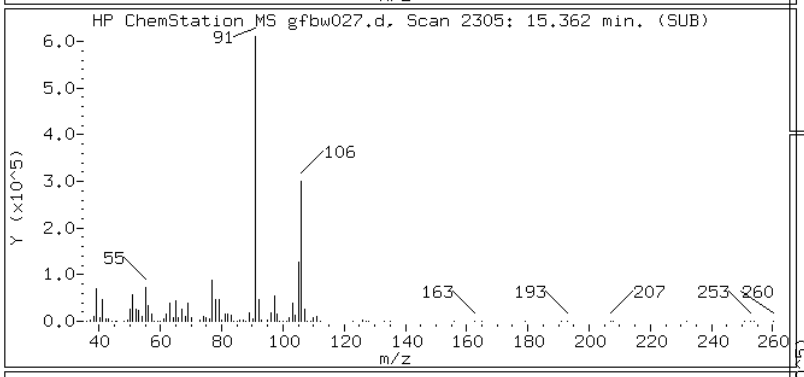
Client ID: CE-VAPOR-1 Instrument: G.i

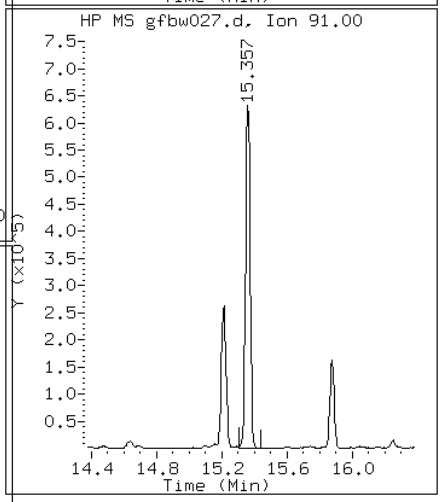
Sample Info: 220-13862-A-2 Operator: njr

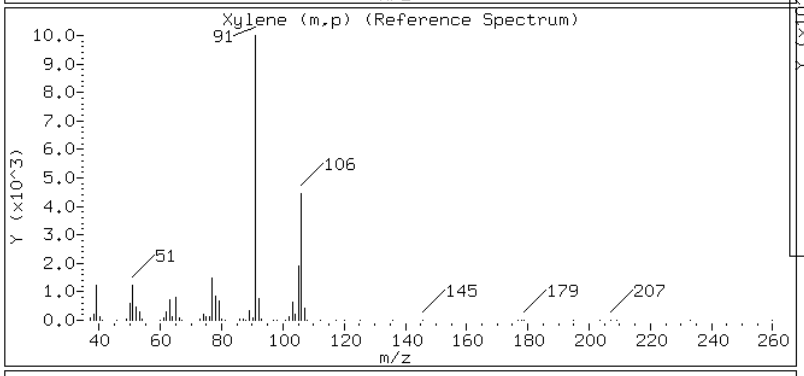
69 Xylene (m,p)

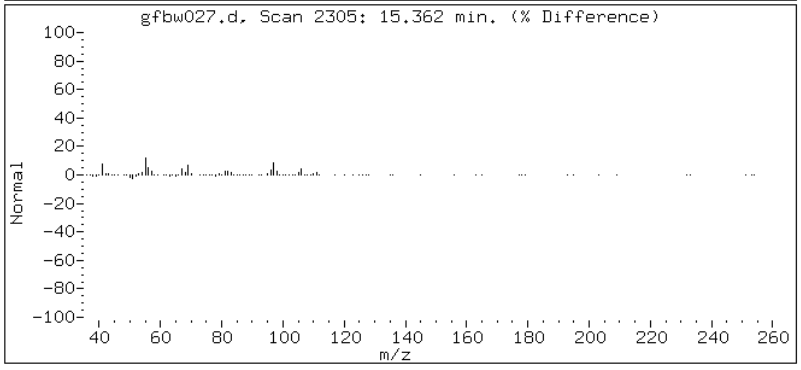












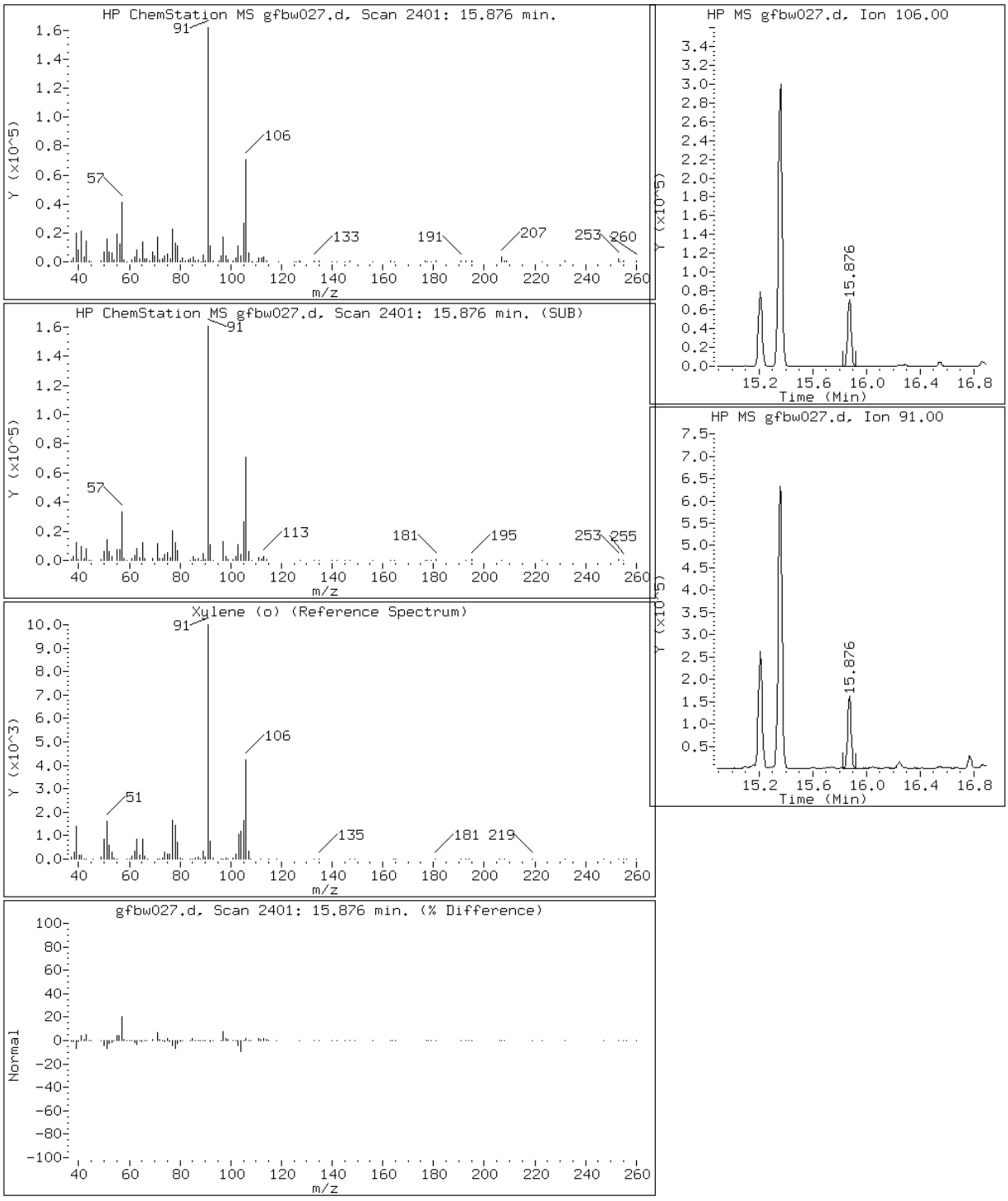
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

71 Xylene (o)



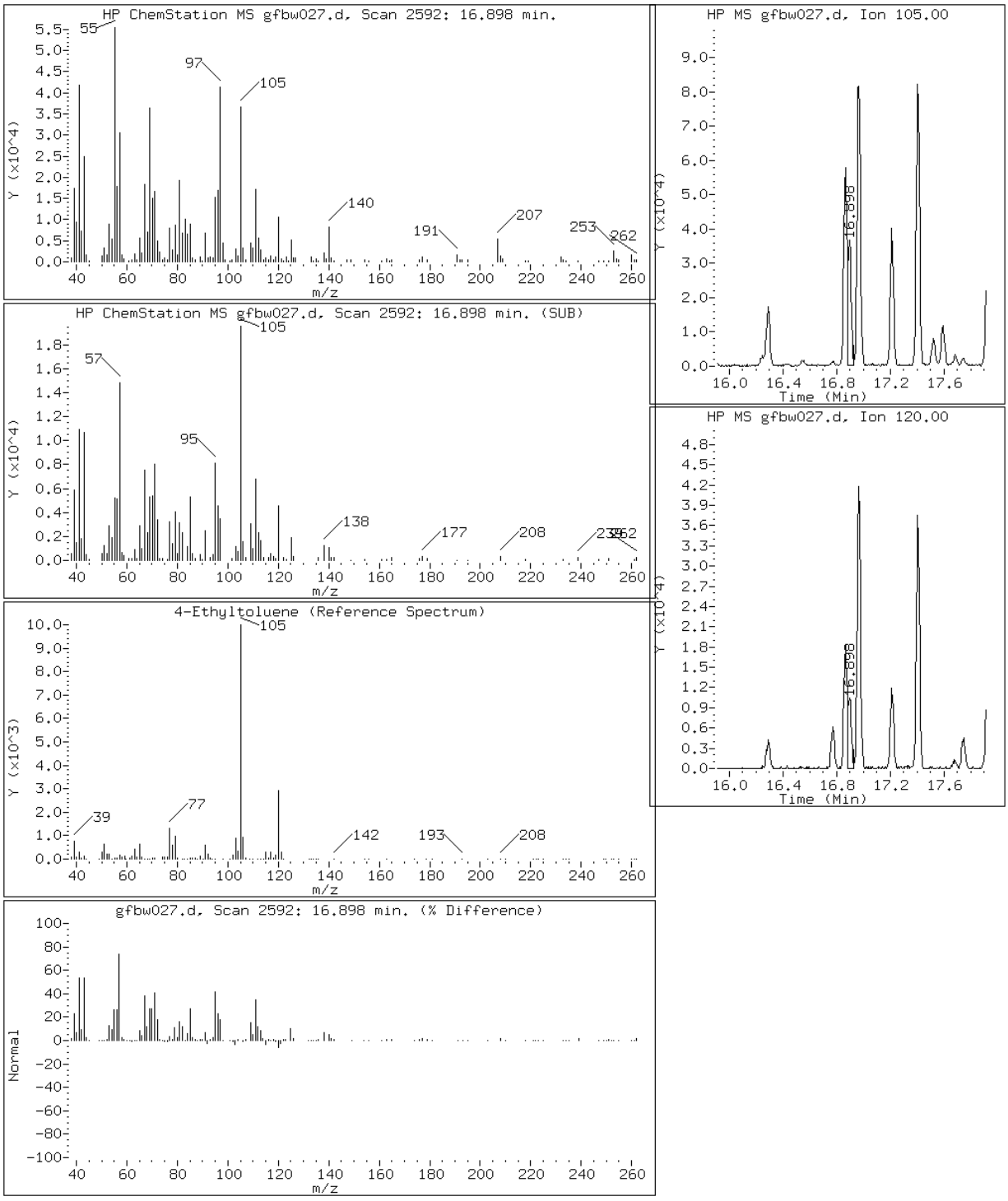
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

79 4-Ethyltoluene



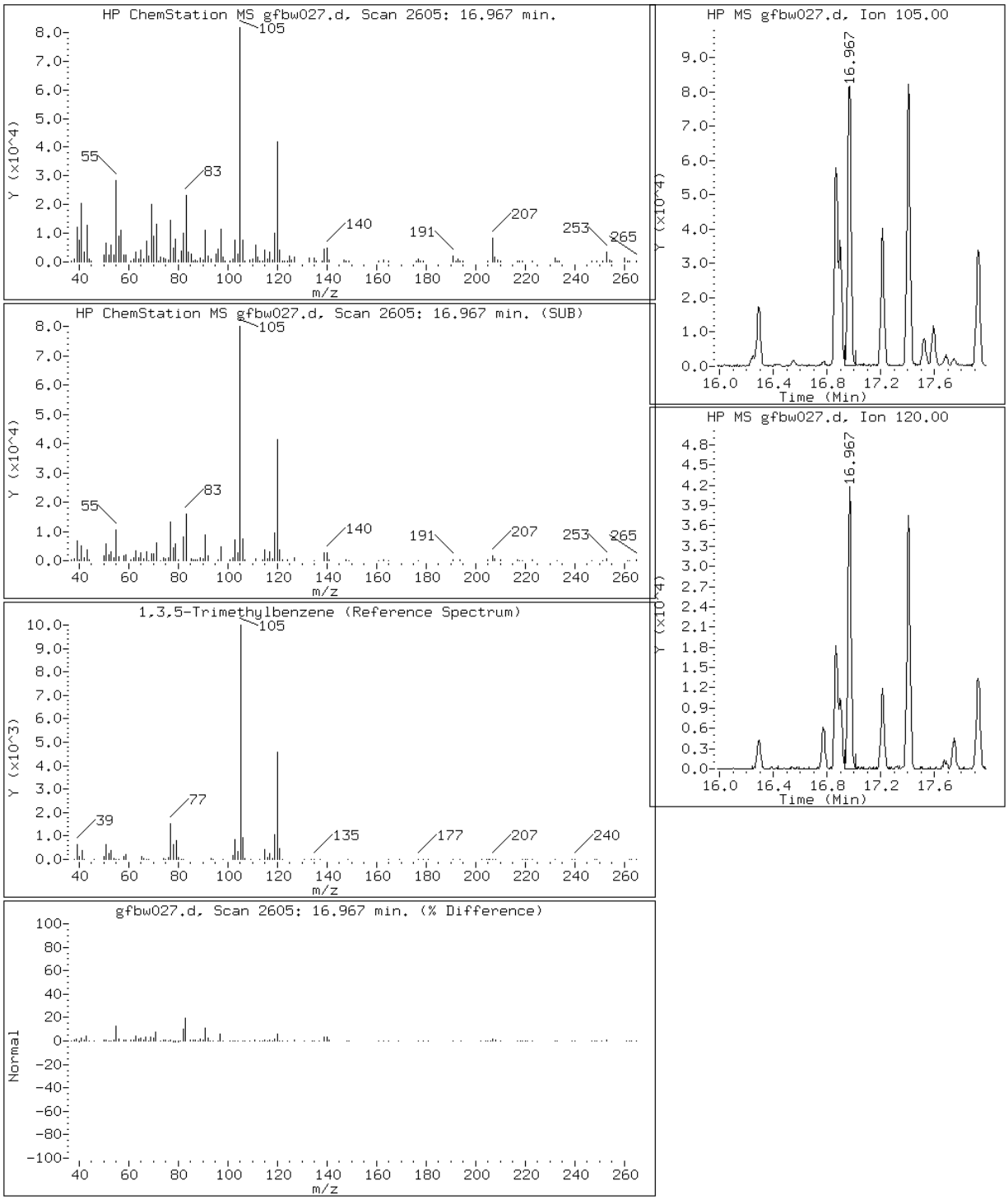
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

81 1,3,5-Trimethylbenzene



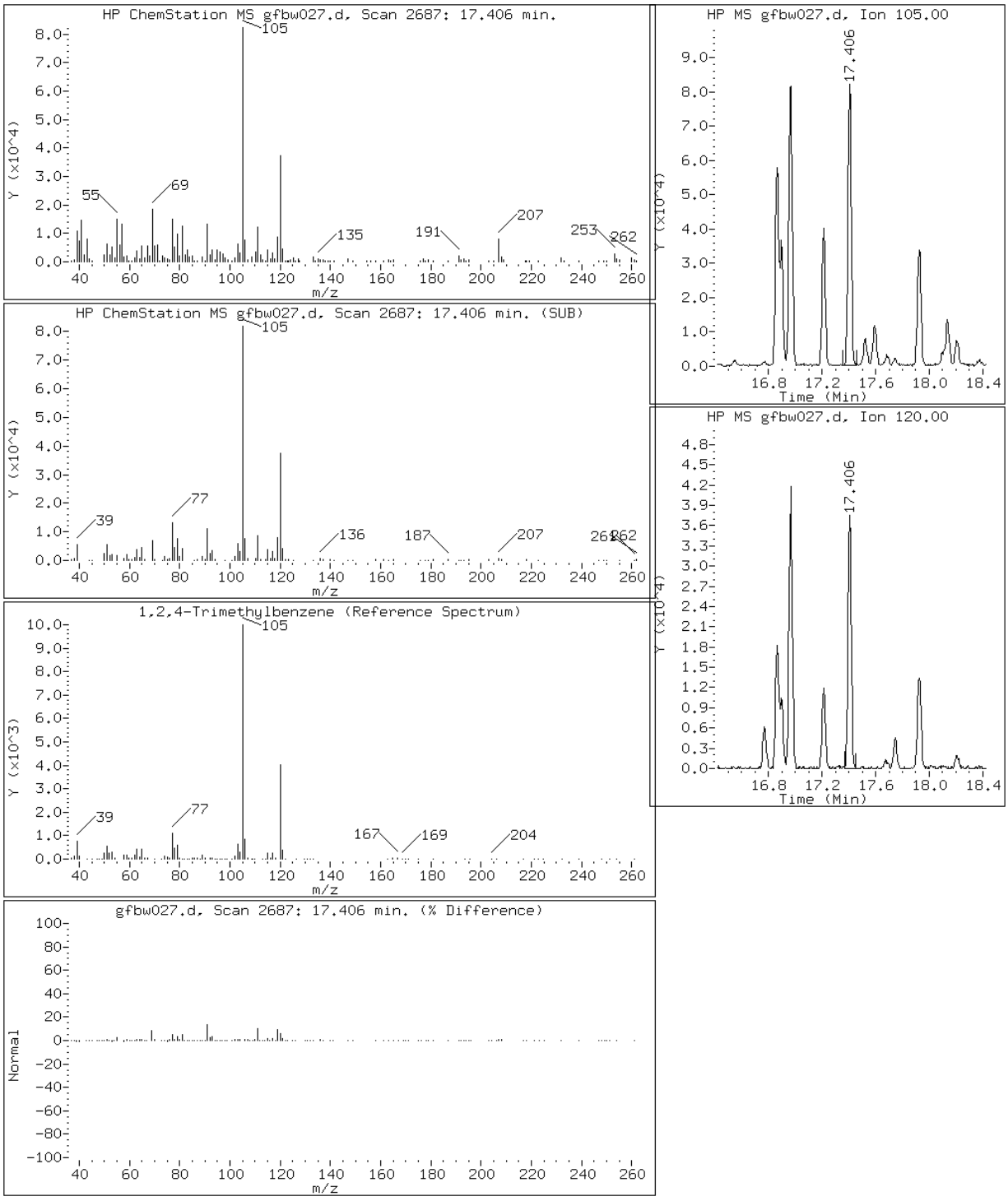
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw027.d
Lab Sample ID: 220-13862-2
Inj. Date and Time: 06-NOV-2010 11:17
Instrument ID: G.i
Client ID: CE-VAPOR-1
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 11/06/2010

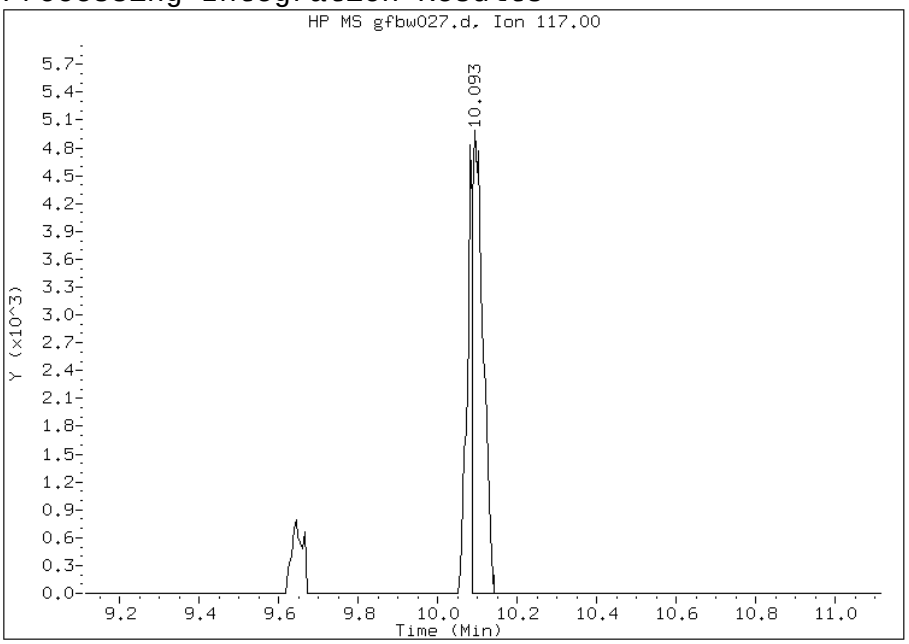
Processing Integration Results

RT: 10.09

Response: 9446

Amount: 0.063959

Conc: 0.063959



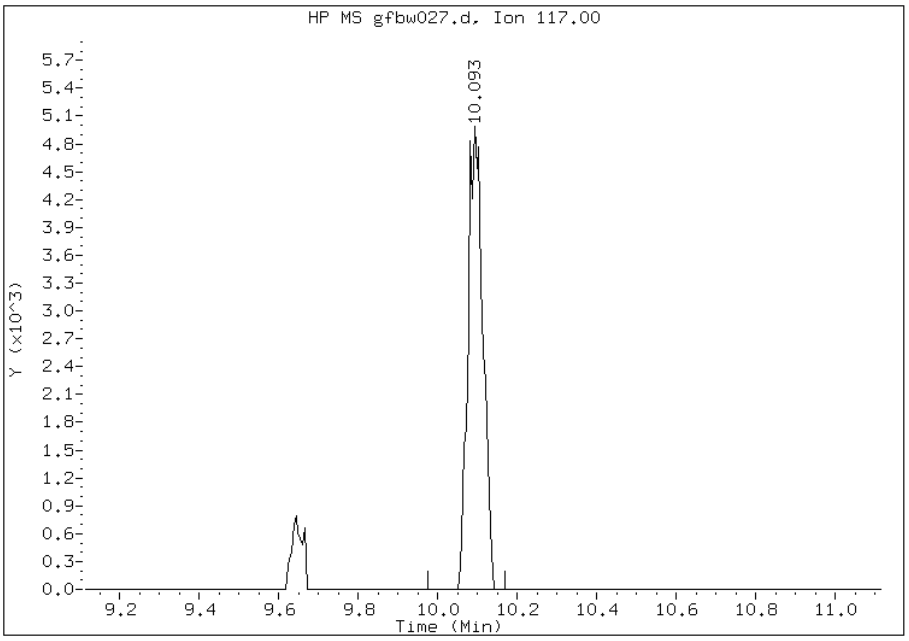
Manual Integration Results

RT: 10.09

Response: 13203

Amount: 0.089398

Conc: 0.089398



File Uploaded By: njr
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw027.d
Lab Sample ID: 220-13862-2
Inj. Date and Time: 06-NOV-2010 11:17
Instrument ID: G.i
Client ID: CE-VAPOR-1
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

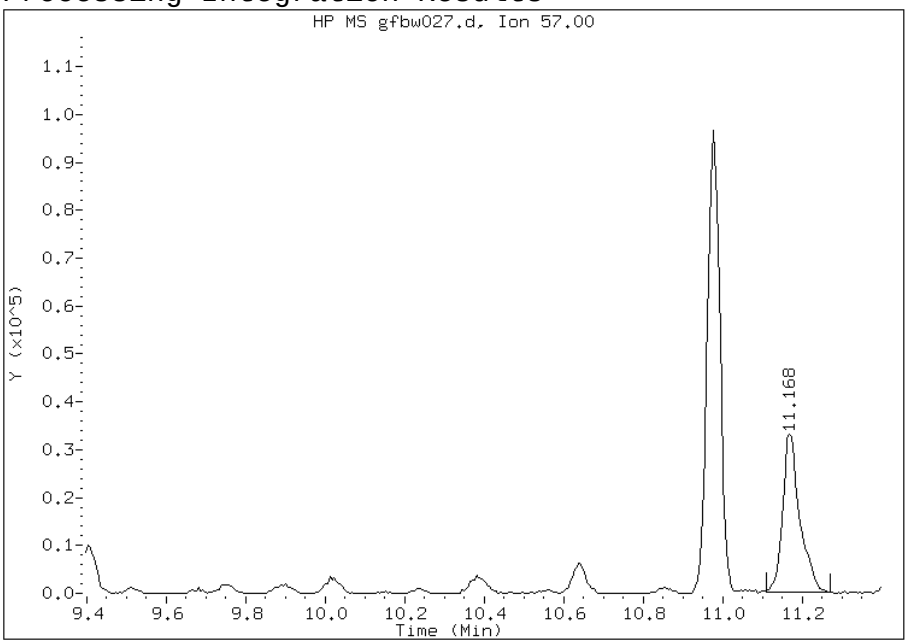
Processing Integration Results

RT: 11.17

Response: 100301

Amount: 0.541241

Conc: 0.541241



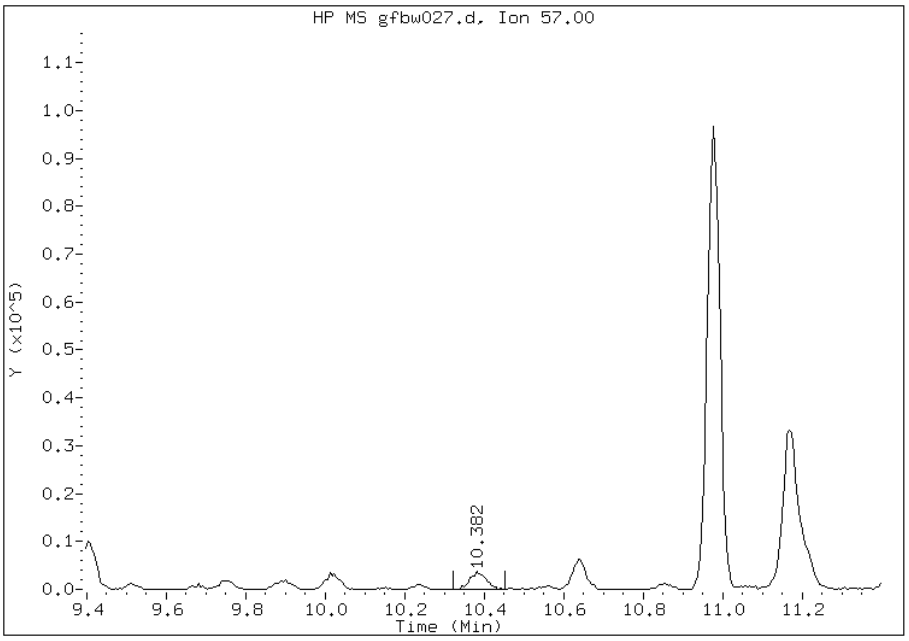
Manual Integration Results

RT: 10.38

Response: 10188

Amount: 0.054976

Conc: 0.054976



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.2		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.22		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.64		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.23		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.25		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.52		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	1.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	1.5		0.20	0.014
179601-23-1	m,p-Xylene	106.17	3.7		0.50	0.023
95-47-6	Xylene, o-	106.17	1.1		0.20	0.050
1330-20-7	Xylene (total)	106.17	4.8		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.37		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.27		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.79		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.9		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	1.1		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.79		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	2.1		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	4.1		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	6.3		0.87	0.061
179601-23-1	m,p-Xylene	106.17	16		2.2	0.10
95-47-6	Xylene, o-	106.17	4.6		0.87	0.22
1330-20-7	Xylene (total)	106.17	21		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	1.8		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-3
Client Smp ID: CE-VAPOR-2
Inj Date : 06-NOV-2010 00:58
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-3
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	73428	0.47898	0.48(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	13921	0.50237	0.50
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	1299	0.05645	0.056(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.177	5.187	(0.541)	41382	0.25669	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	8733	0.08822	0.088(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	307781	5.19339	5.2
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

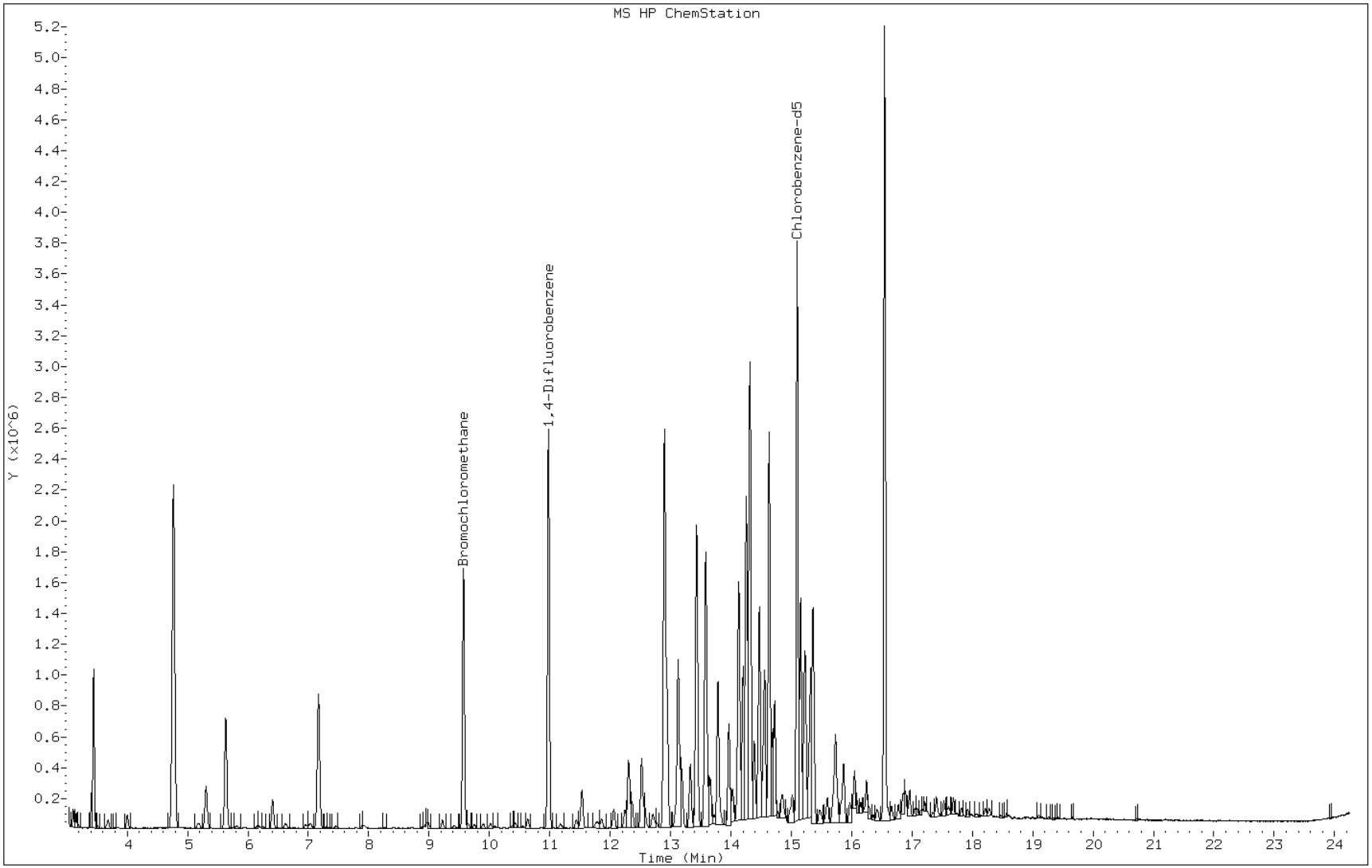
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	13029	0.22489	0.22
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	11221	0.63809	0.64(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	547911	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.644	9.665	(1.007)	25986	0.23070	0.23
	40 Cyclohexane	84	9.900	9.916	(0.902)	9558	0.17214	0.17(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	13658	0.09417	0.094(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	18819	0.10341	0.10(a)
	44 Benzene	78	10.430	10.451	(0.950)	33648	0.24762	0.25
	45 1,2-Dichloroethane	62	10.532	10.558	(0.959)	3677	0.04693	0.047(aQM)
	46 n-Heptane	43	10.639	10.655	(0.969)	34338	0.52085	0.52
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2580421	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.132	13.153	(0.870)	104749	1.08499	1.1
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.902	13.913	(0.921)	7919	0.07398	0.074(a)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2447561	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.207	15.229	(1.007)	317518	1.45368	1.5
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	305665	3.68527	3.7
M	70 Xylenes, Total	106				394585	4.75498	4.8
	71 Xylene (o)	106	15.876	15.892	(1.052)	88920	1.06971	1.1
	72 Styrene	104	15.897	15.919	(1.053)	18854	0.15304	0.15(aQ)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	20986	0.08335	0.083(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	79305	0.36729	0.37
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	57136	0.26734	0.27
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw015.d	Date:	06-NOV-2010 00:58
Client ID:	CE-VAPOR-2	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-3		
Lab Sample ID:	220-13862-3		



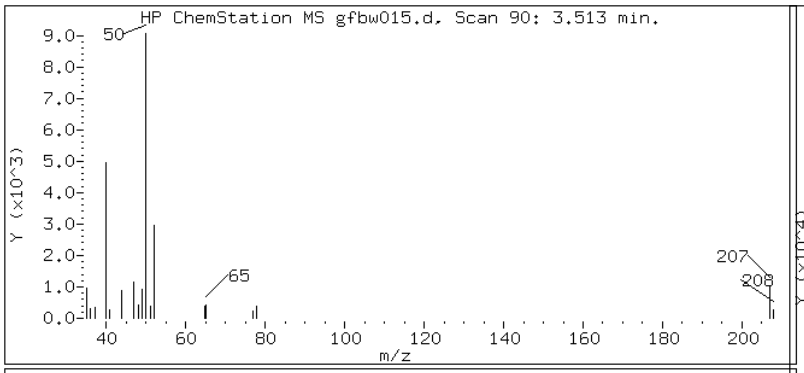
Data File: gfbw015.d

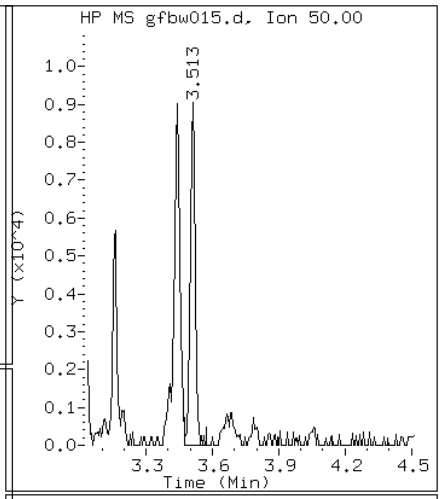
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

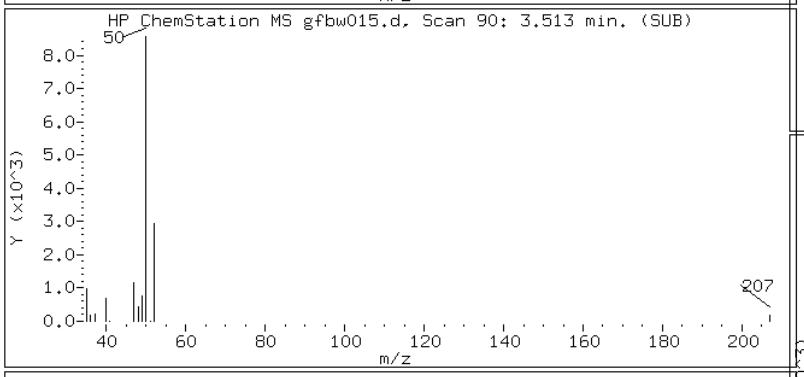
Client ID: CE-VAPOR-2 Instrument: G.i

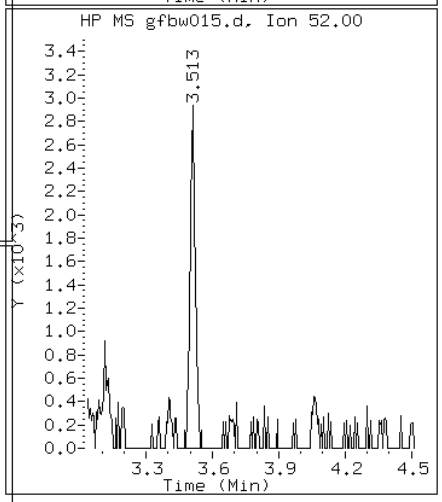
Sample Info: 220-13862-A-3 Operator: wrd

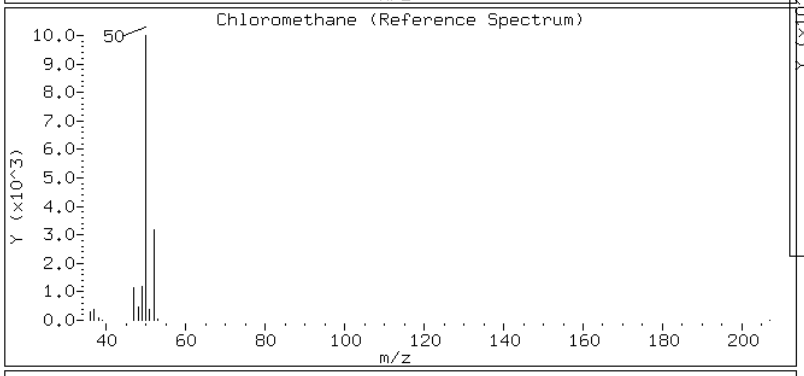
5 Chloromethane

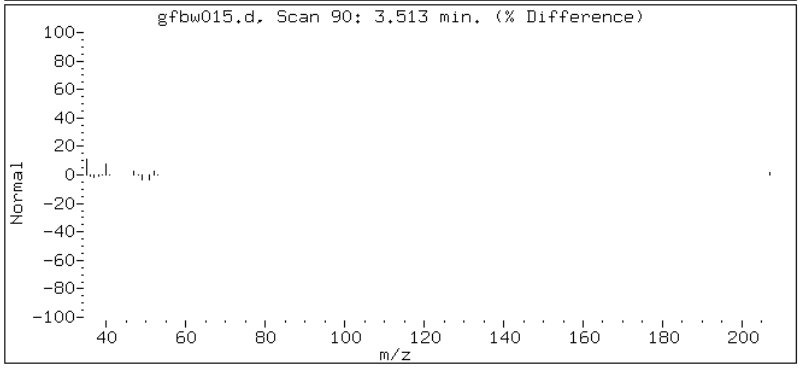












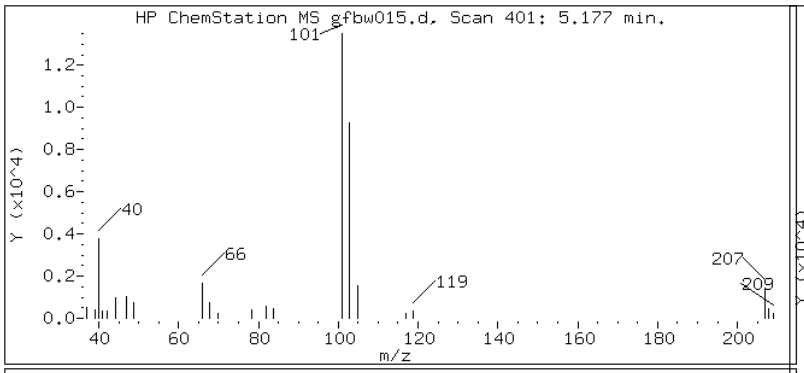
Data File: gfbw015.d

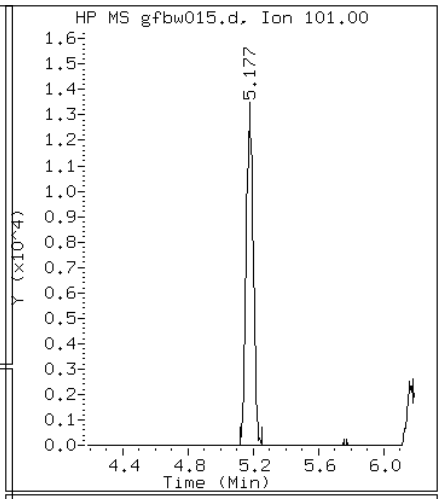
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

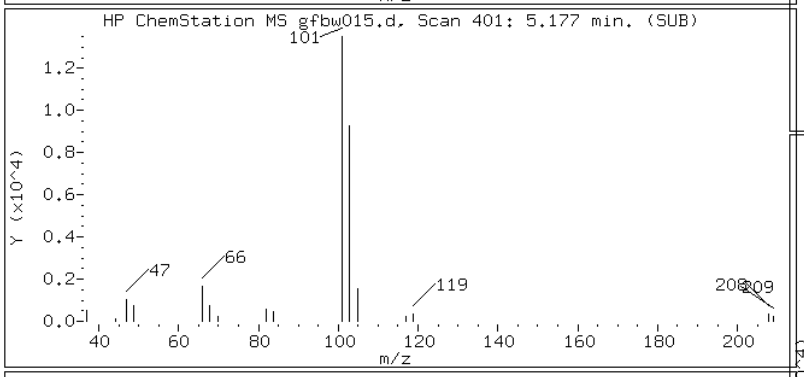
Client ID: CE-VAPOR-2 Instrument: G.i

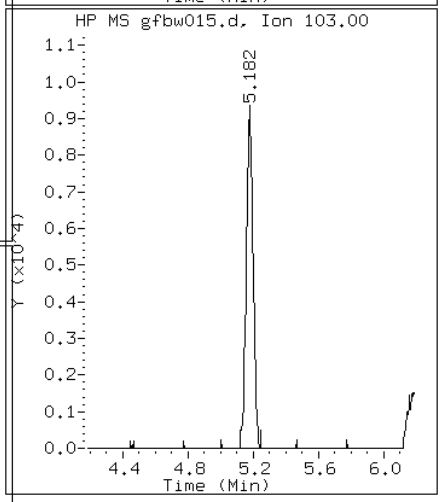
Sample Info: 220-13862-A-3 Operator: wrd

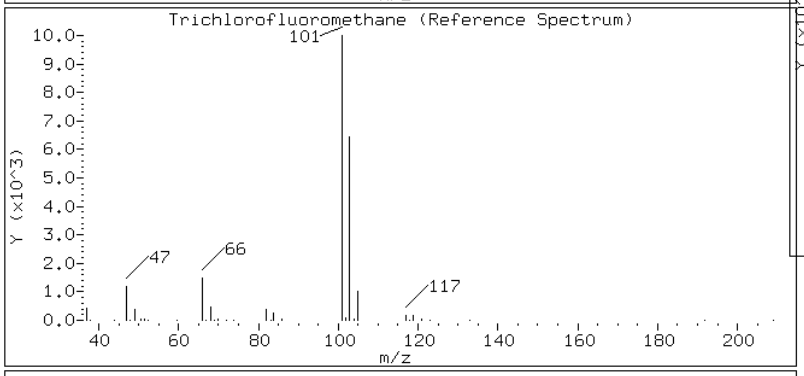
13 Trichlorofluoromethane

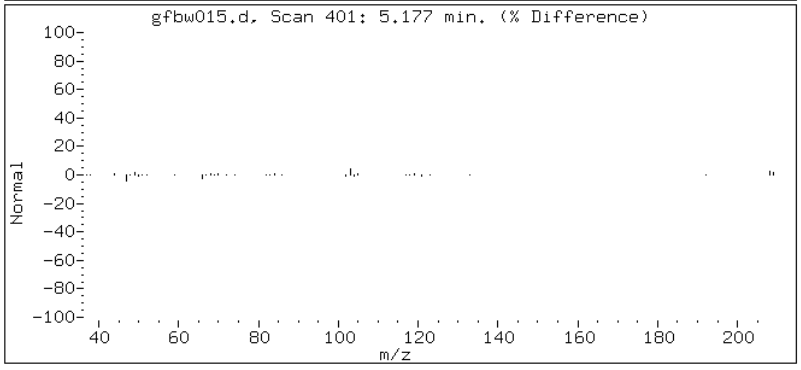












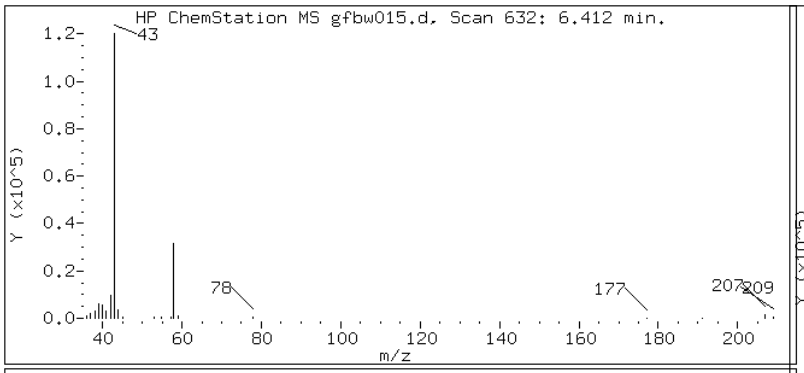
Data File: gfbw015.d

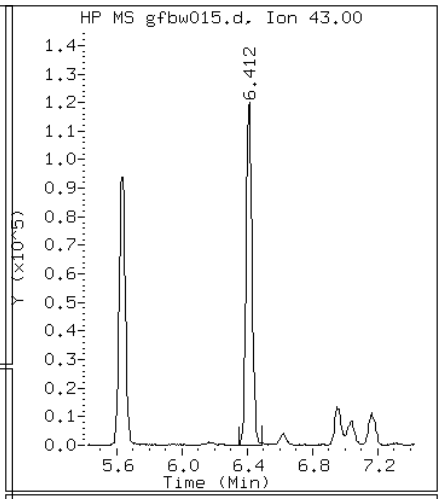
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

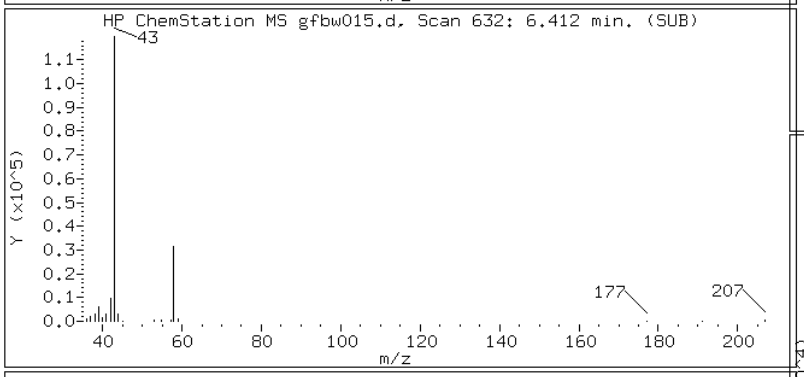
Client ID: CE-VAPOR-2 Instrument: G.i

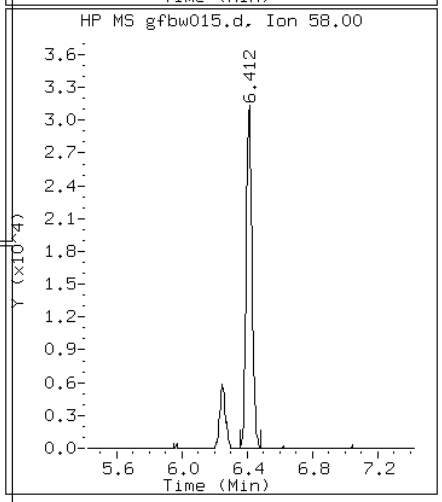
Sample Info: 220-13862-A-3 Operator: wrd

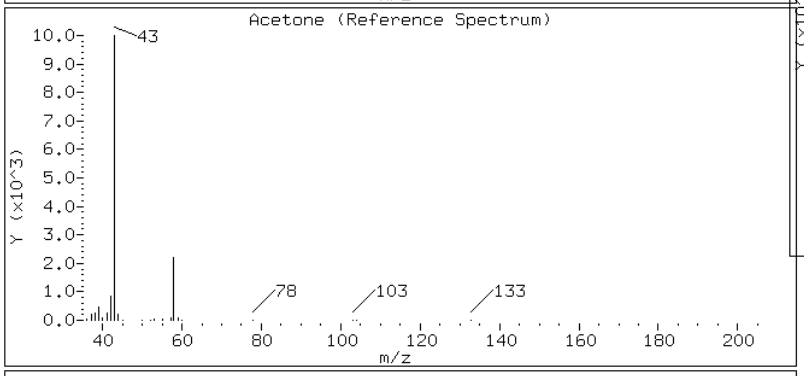
20 Acetone

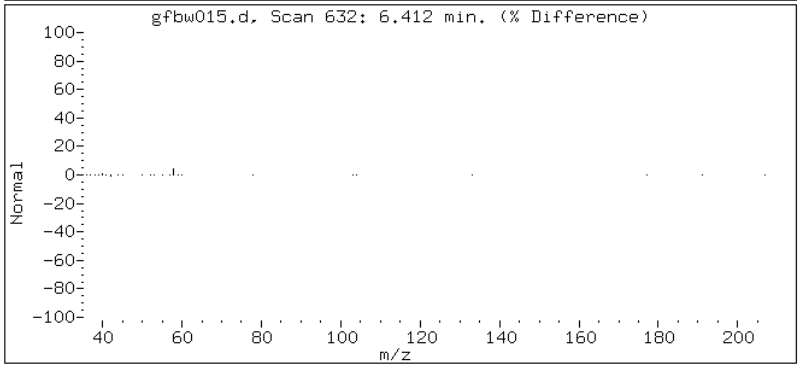












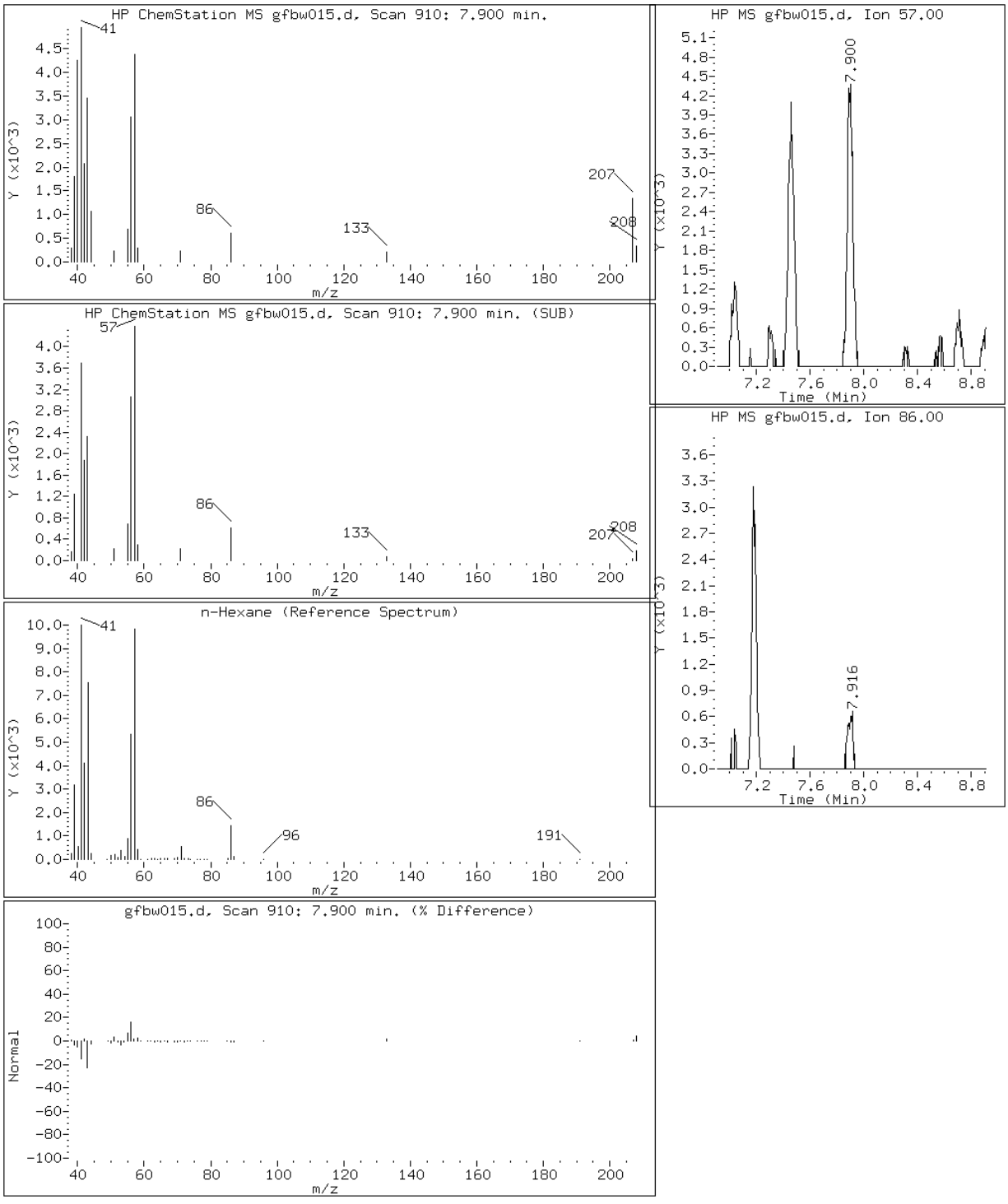
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

30 n-Hexane



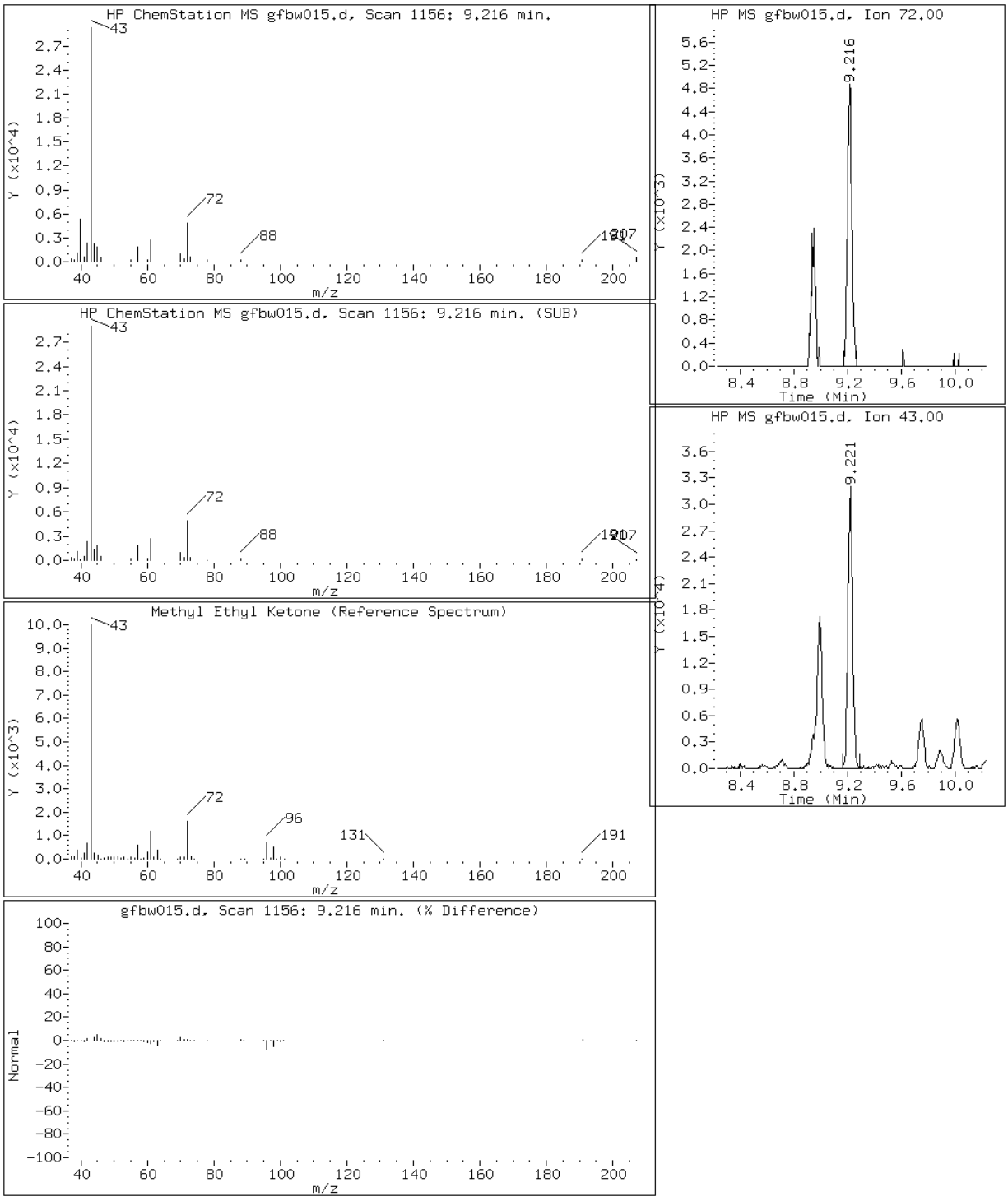
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

36 Methyl Ethyl Ketone



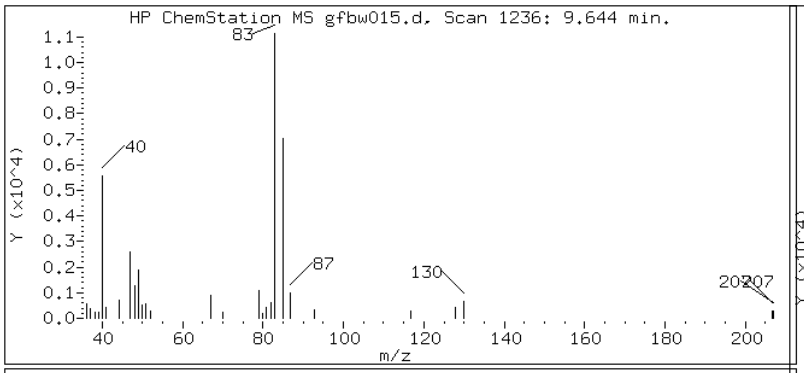
Data File: gfbw015.d

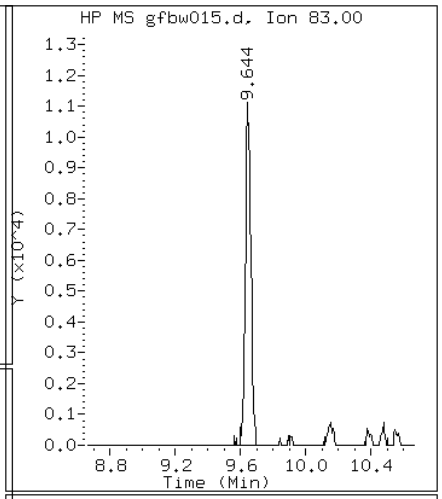
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

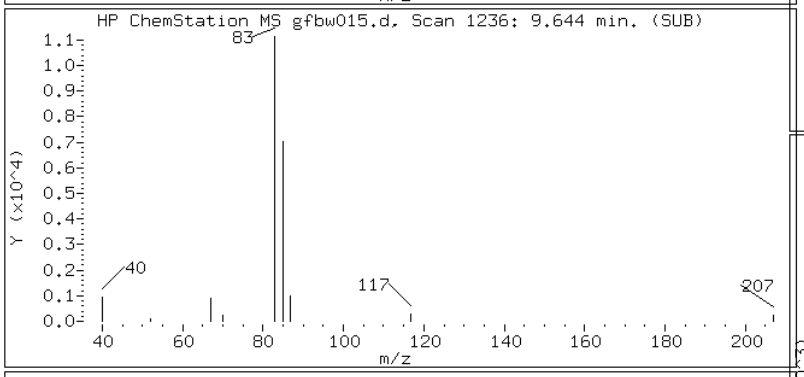
Client ID: CE-VAPOR-2 Instrument: G.i

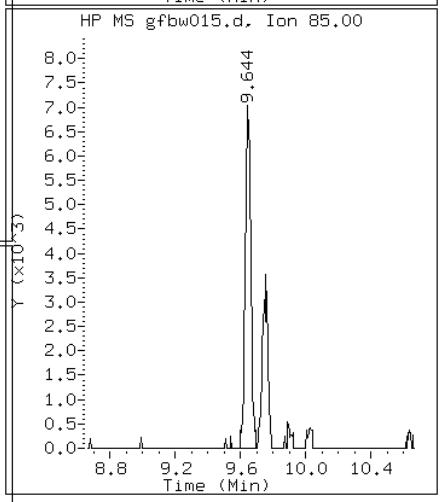
Sample Info: 220-13862-A-3 Operator: wrd

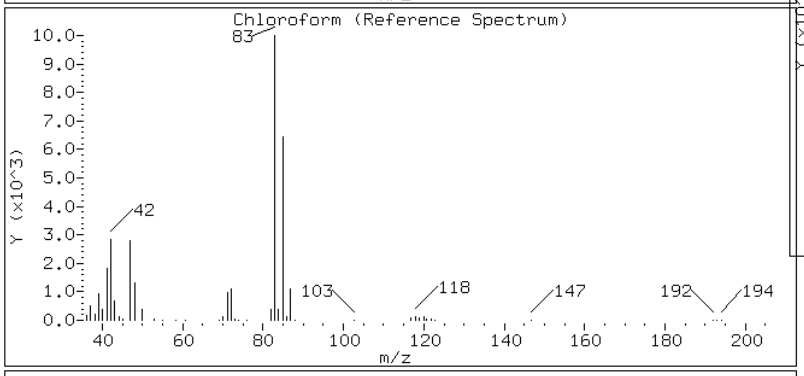
39 Chloroform

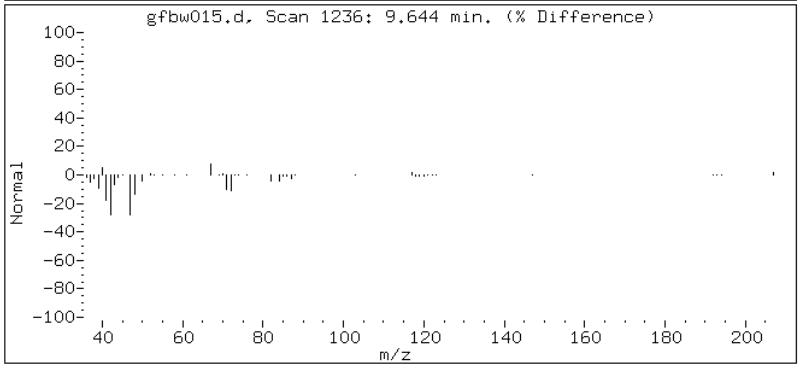












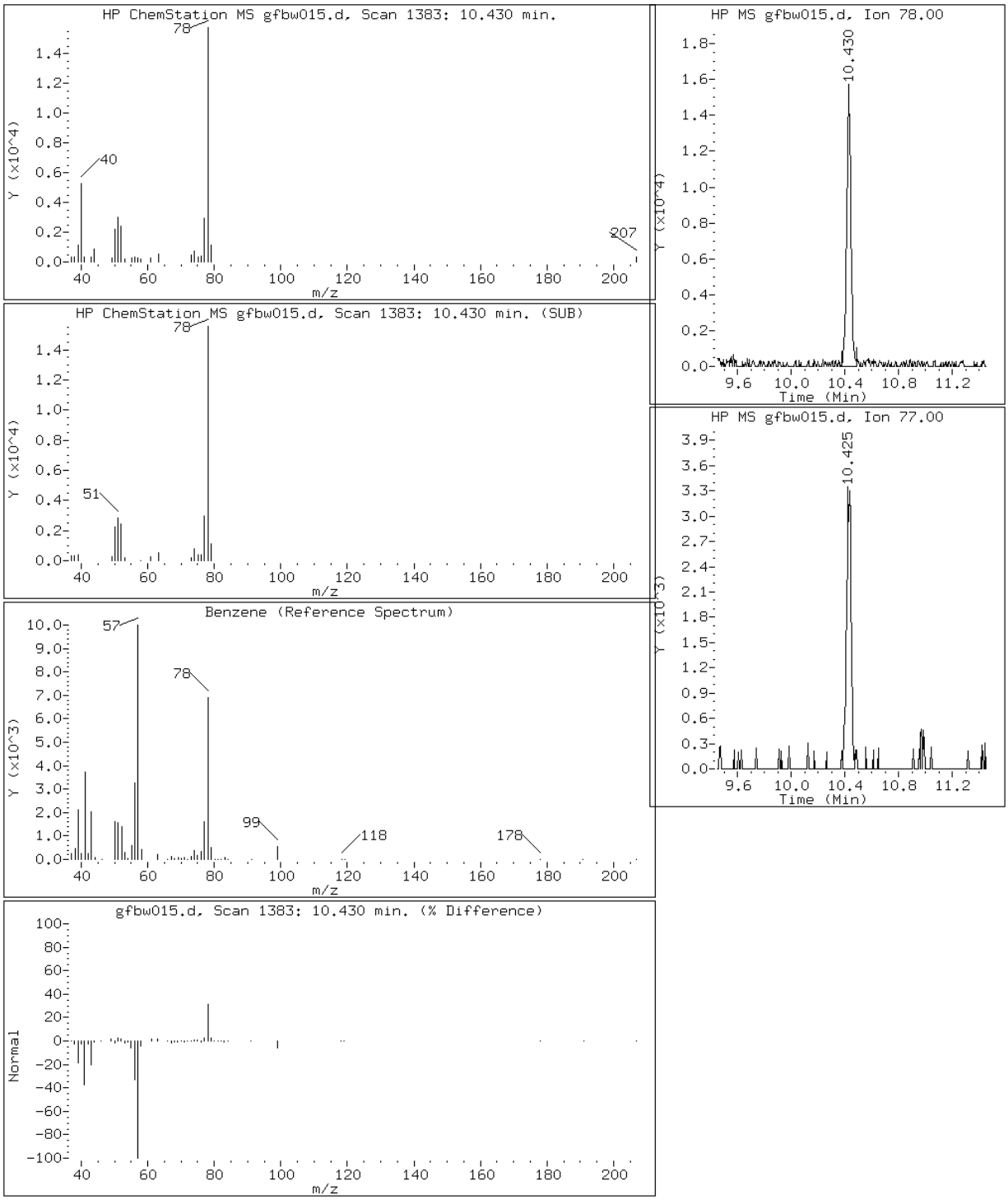
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

44 Benzene



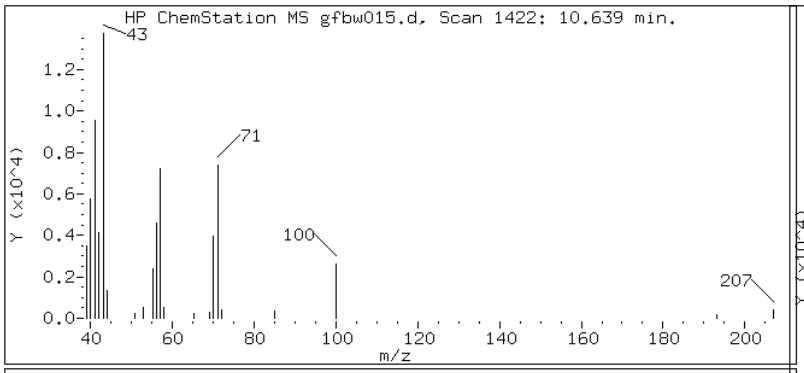
Data File: gfbw015.d

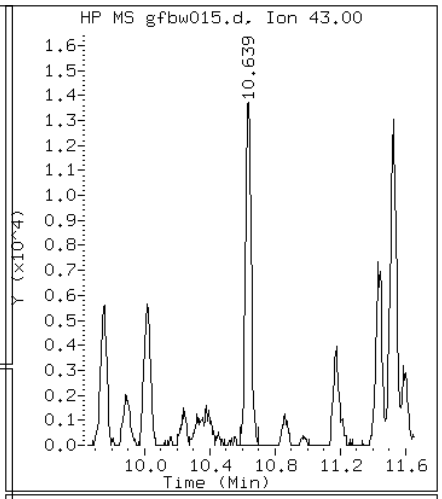
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

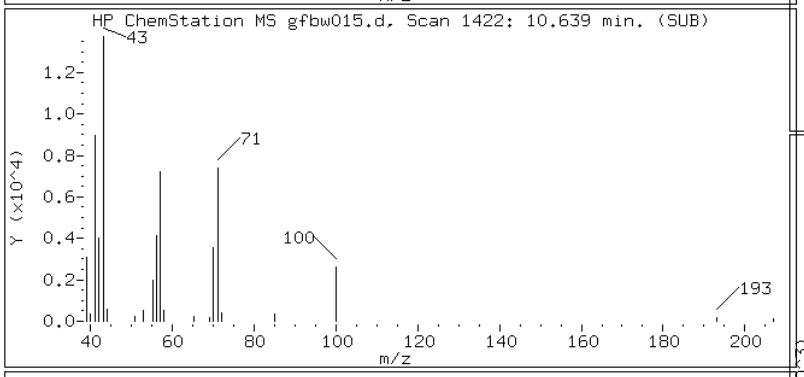
Client ID: CE-VAPOR-2 Instrument: G.i

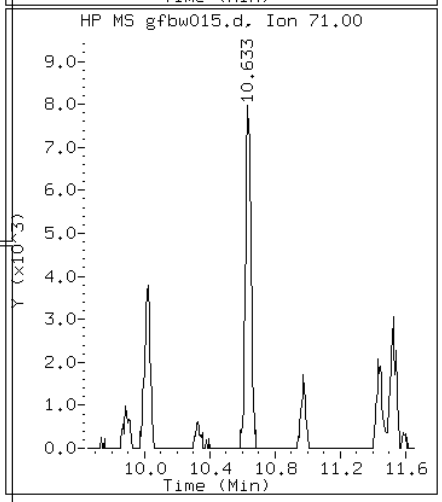
Sample Info: 220-13862-A-3 Operator: wrd

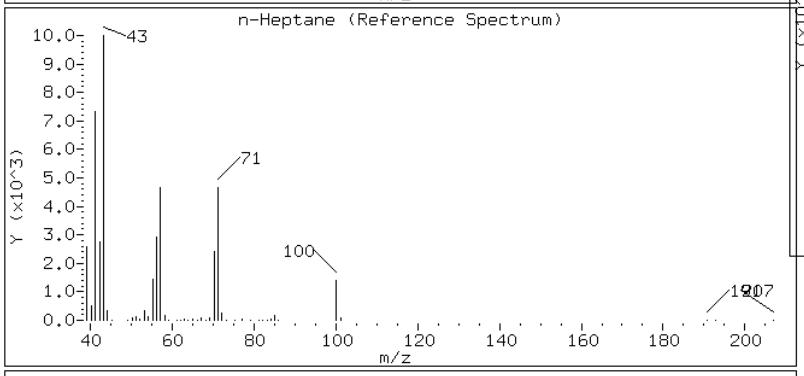
46 n-Heptane

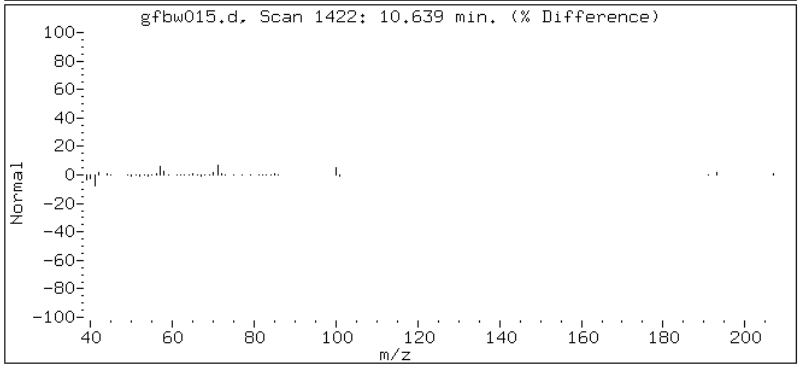












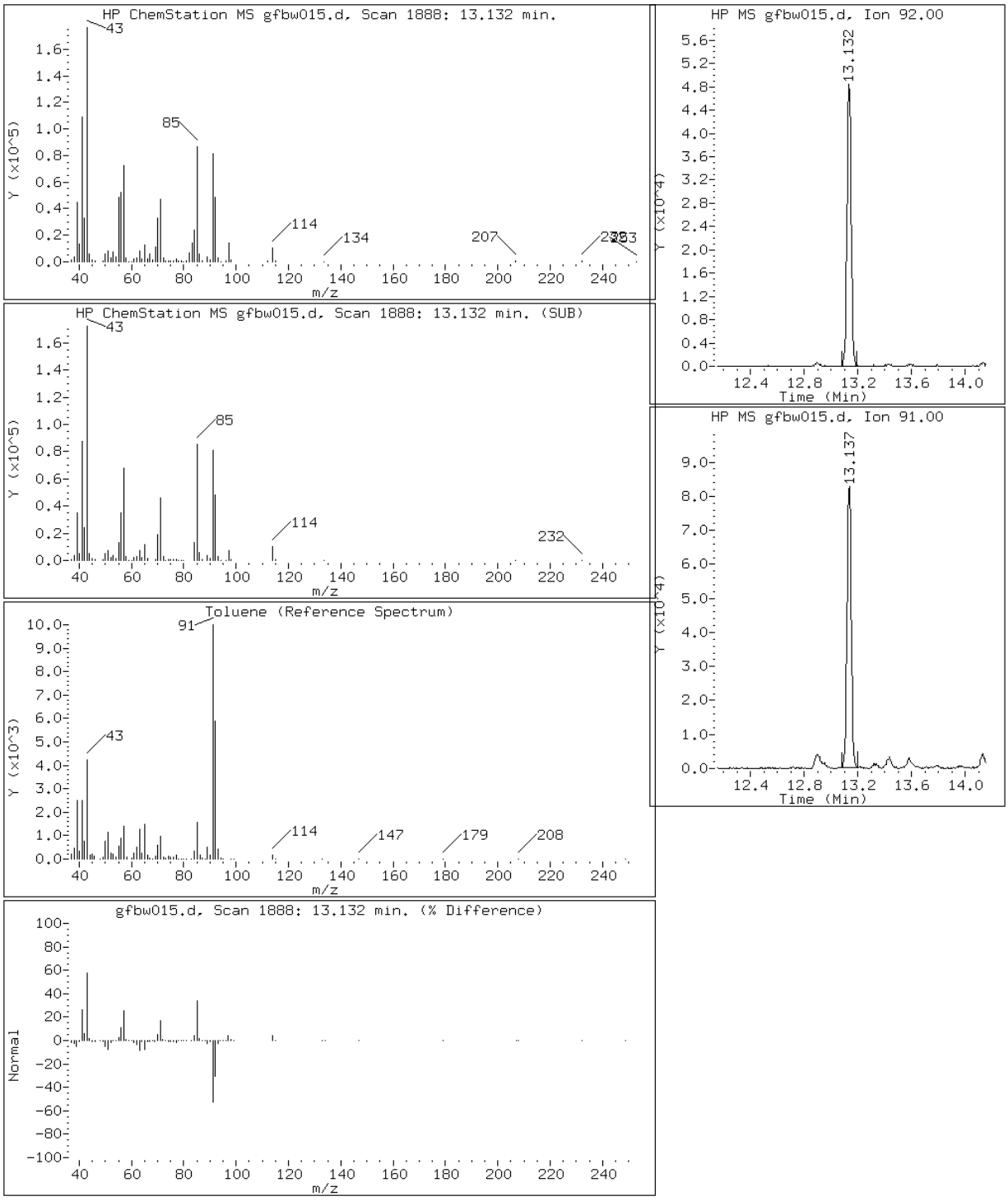
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

58 Toluene



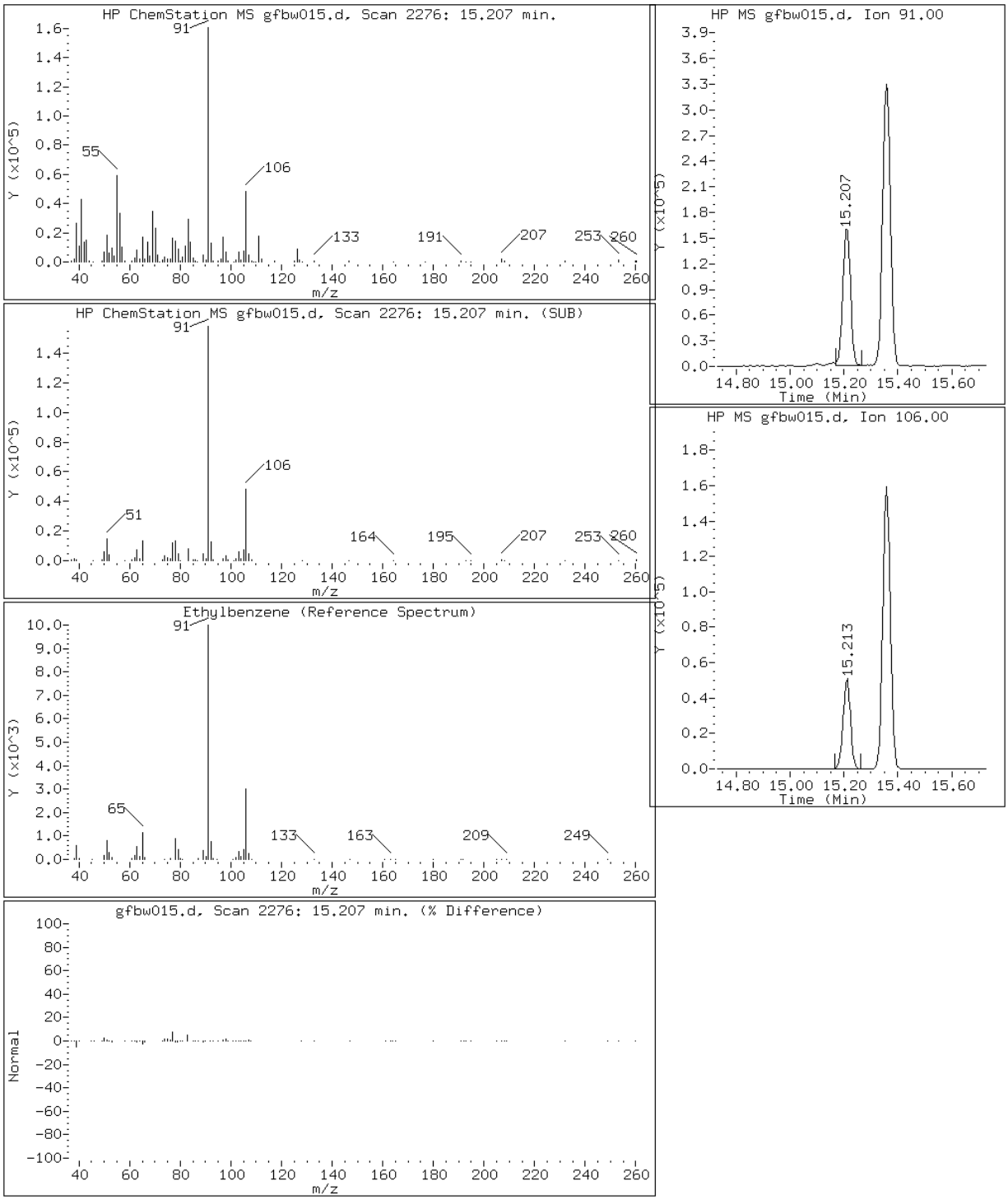
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

68 Ethylbenzene



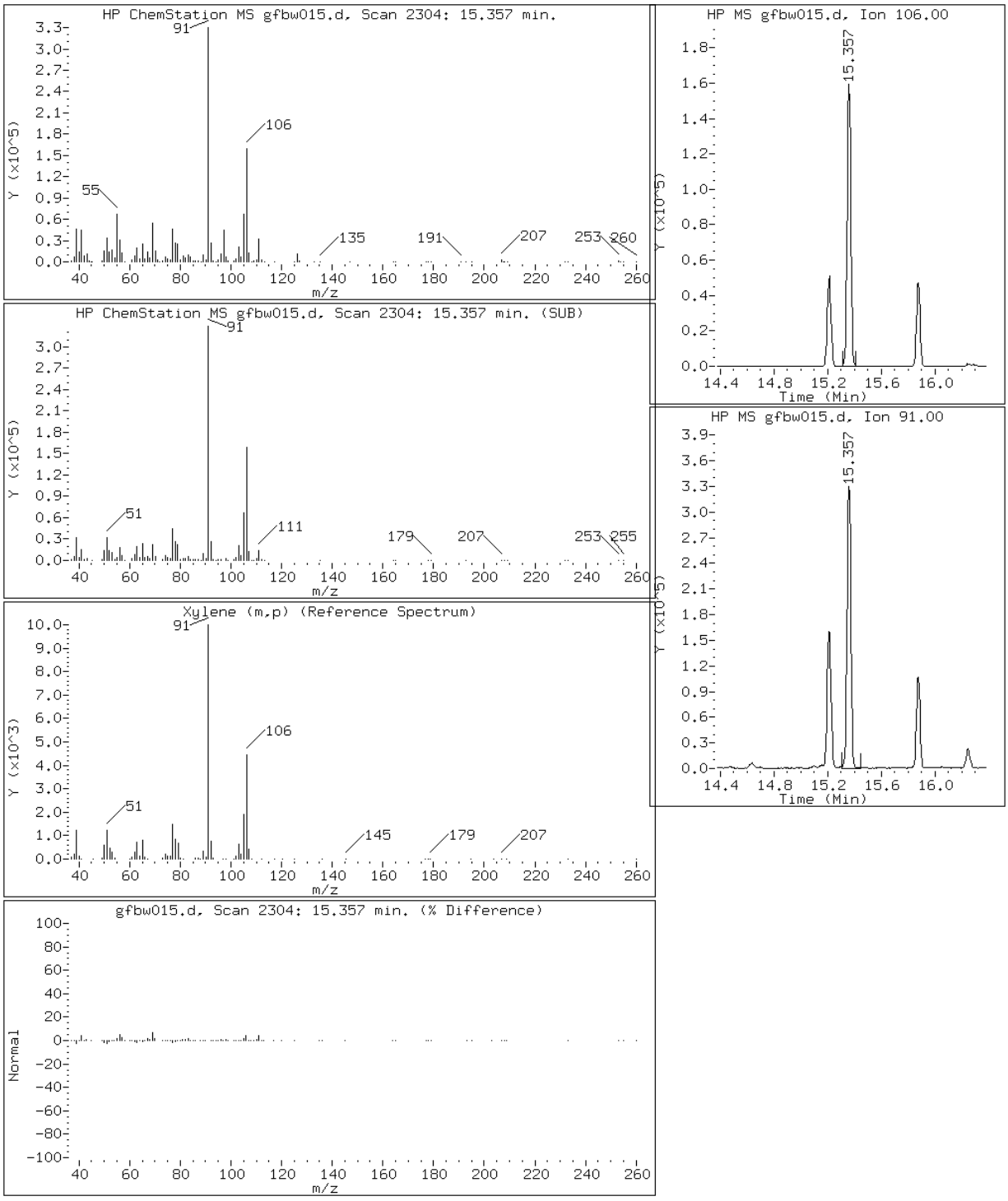
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

69 Xylene (m,p)



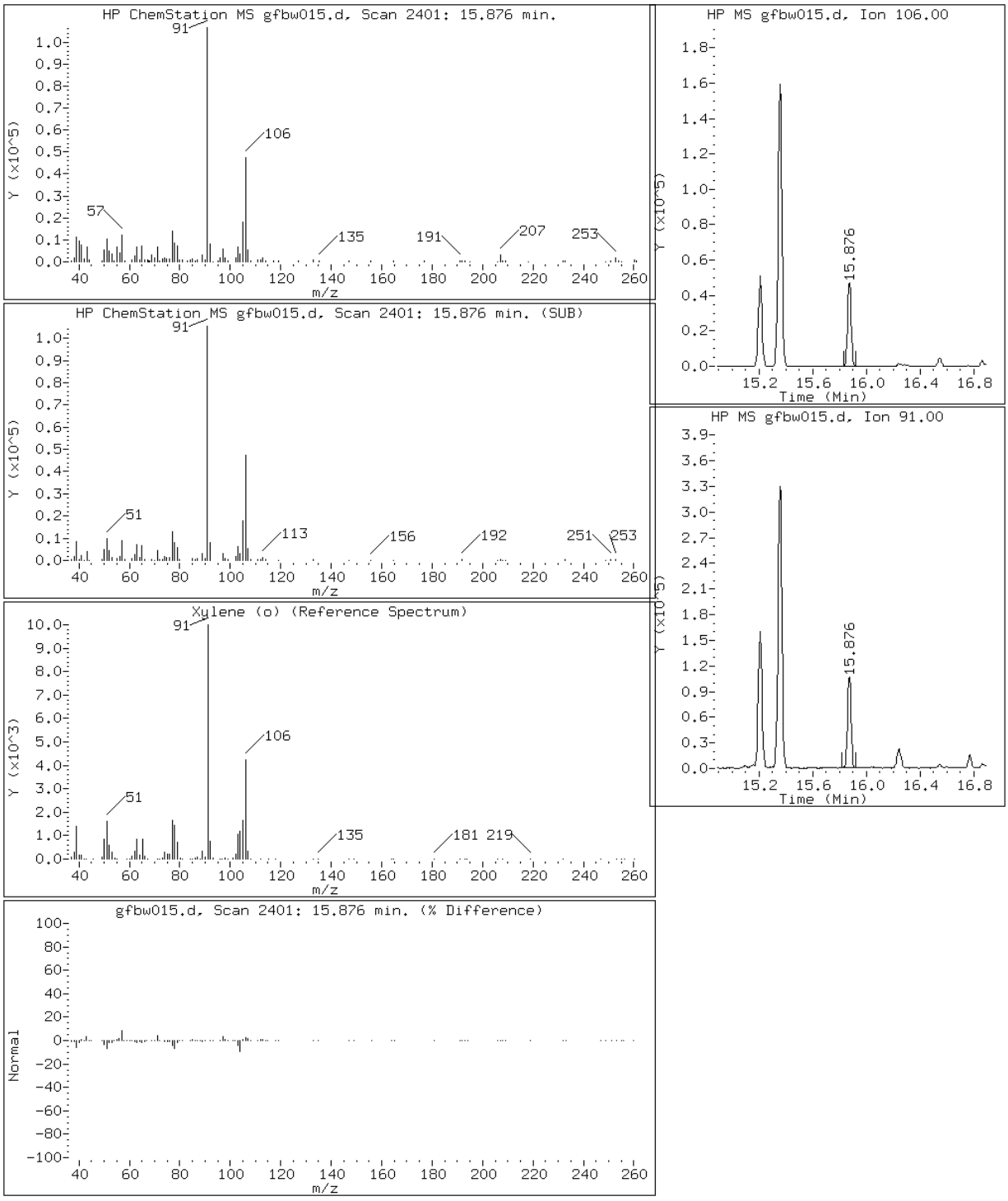
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

71 Xylene (o)



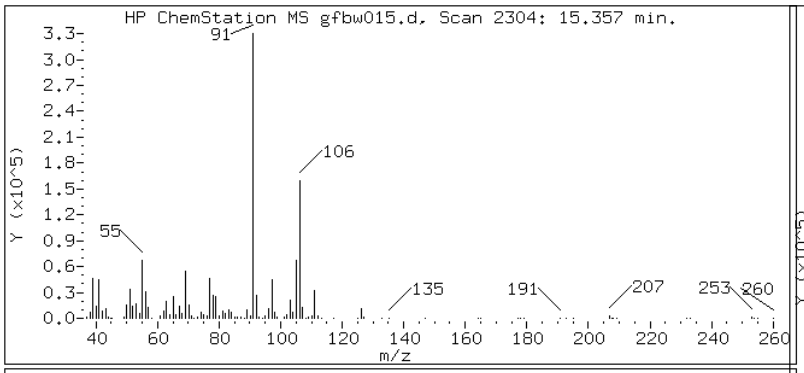
Data File: gfbw015.d

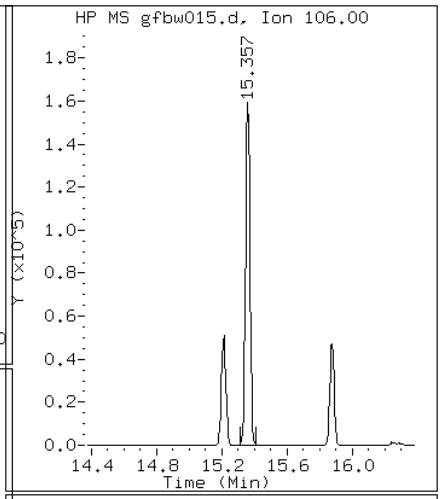
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

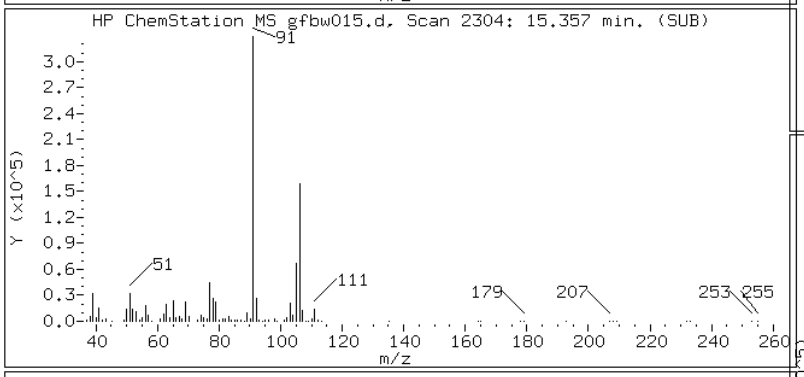
Client ID: CE-VAPOR-2 Instrument: G.i

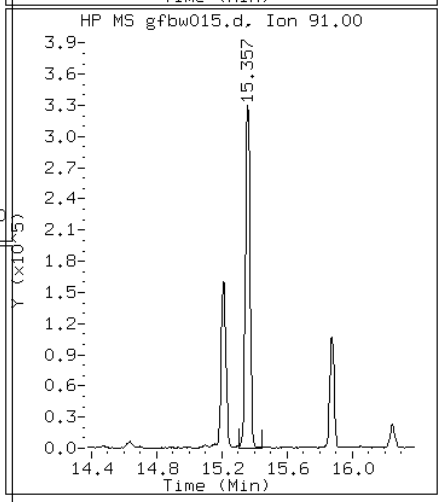
Sample Info: 220-13862-A-3 Operator: wrd

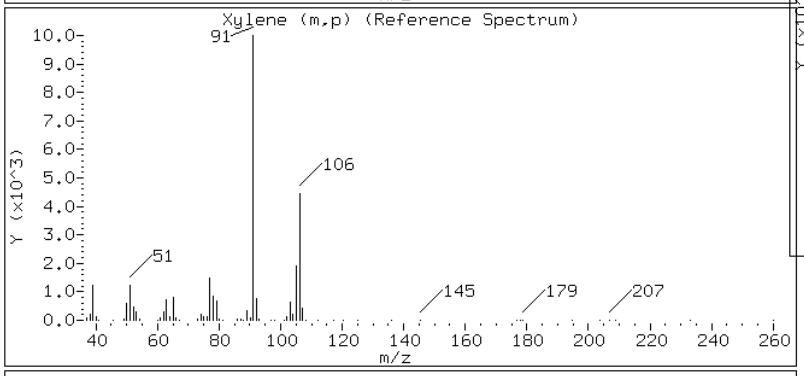
69 Xylene (m,p)

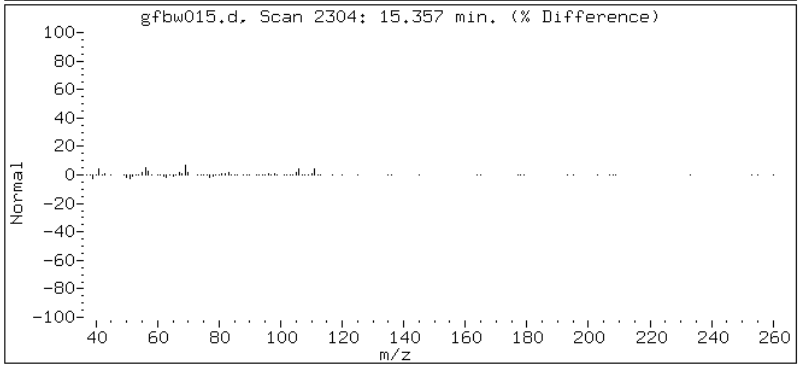












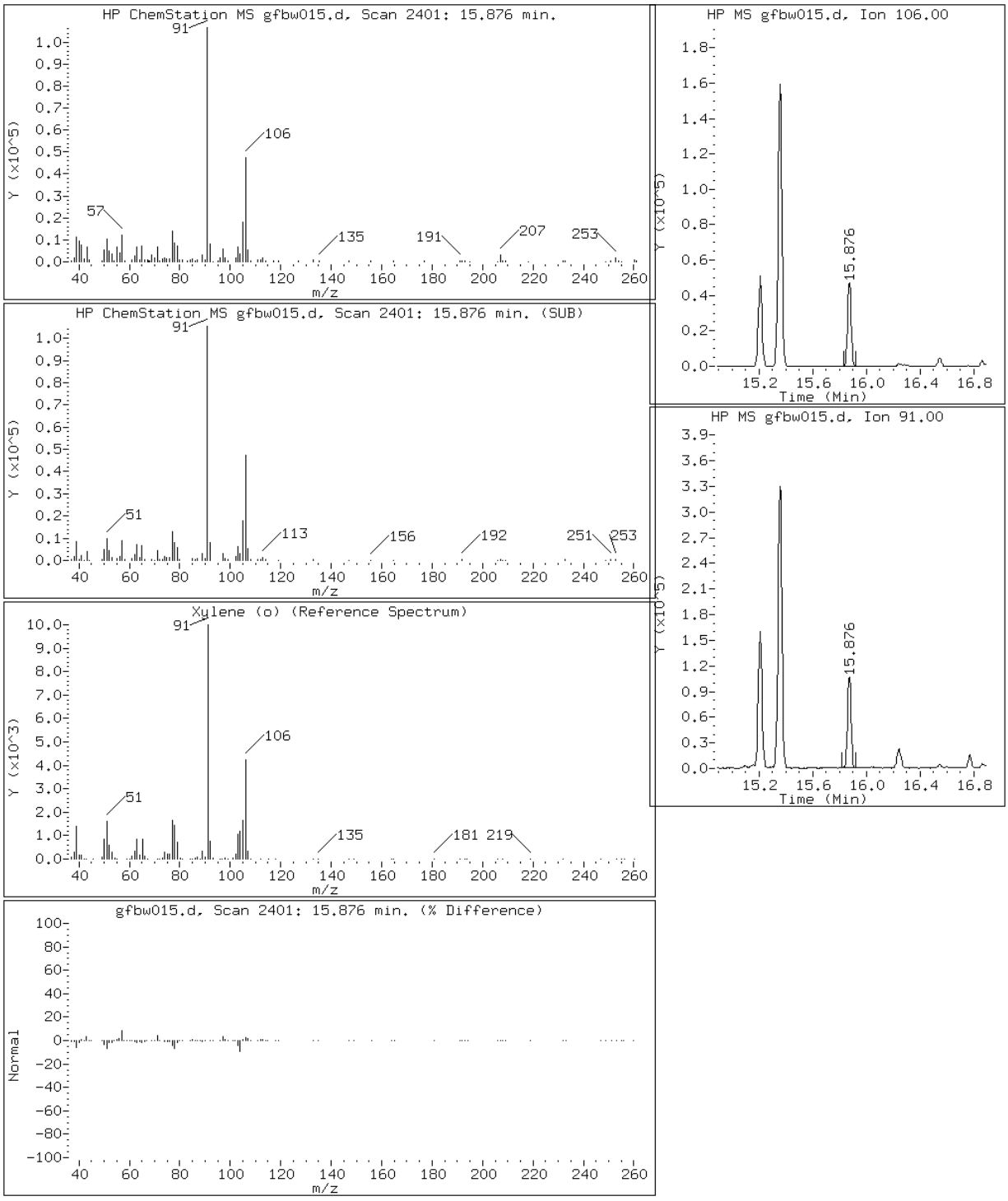
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

71 Xylene (o)



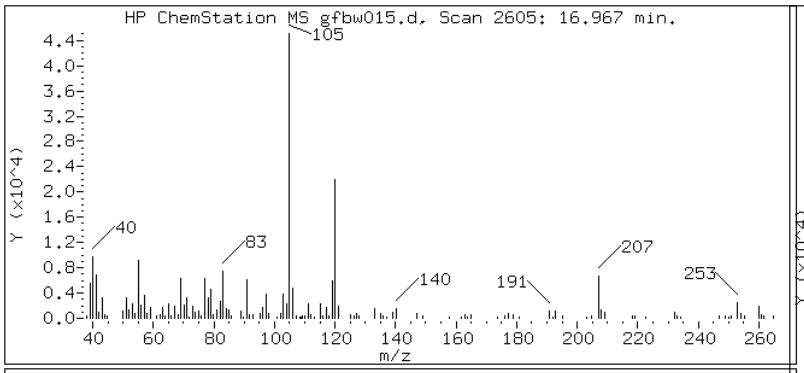
Data File: gfbw015.d

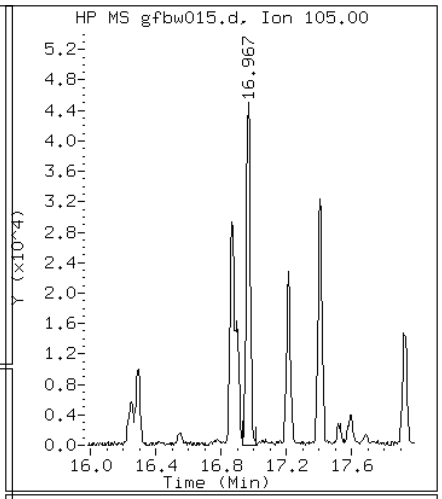
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

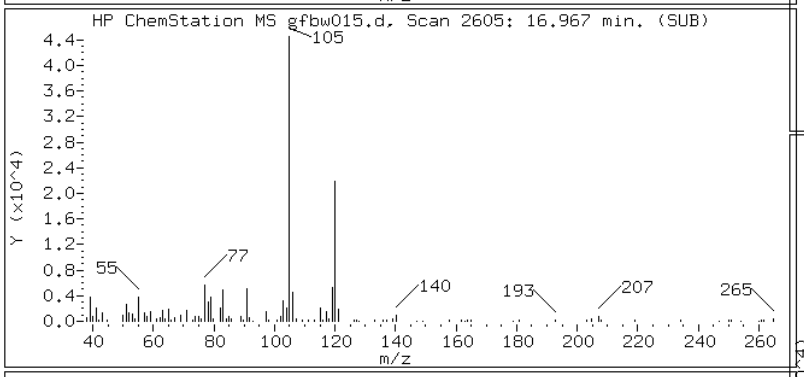
Client ID: CE-VAPOR-2 Instrument: G.i

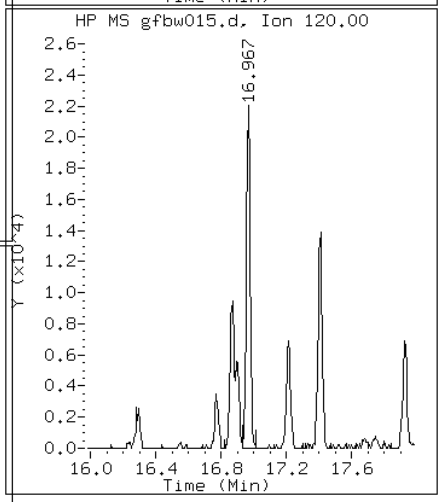
Sample Info: 220-13862-A-3 Operator: wrd

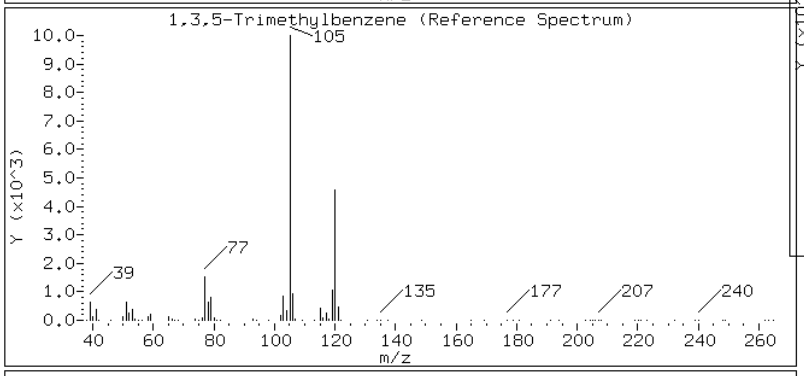
81 1,3,5-Trimethylbenzene

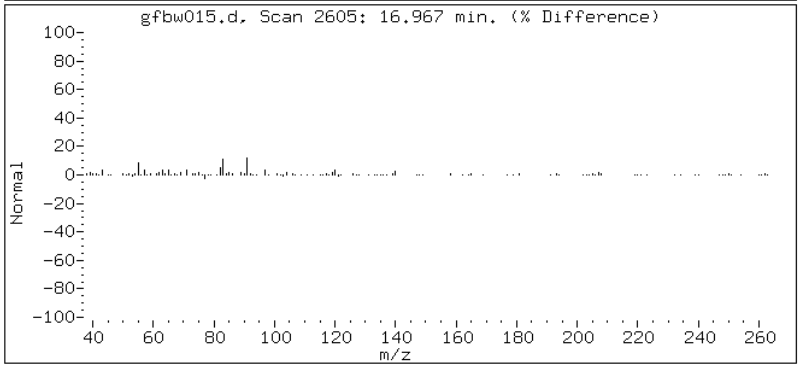












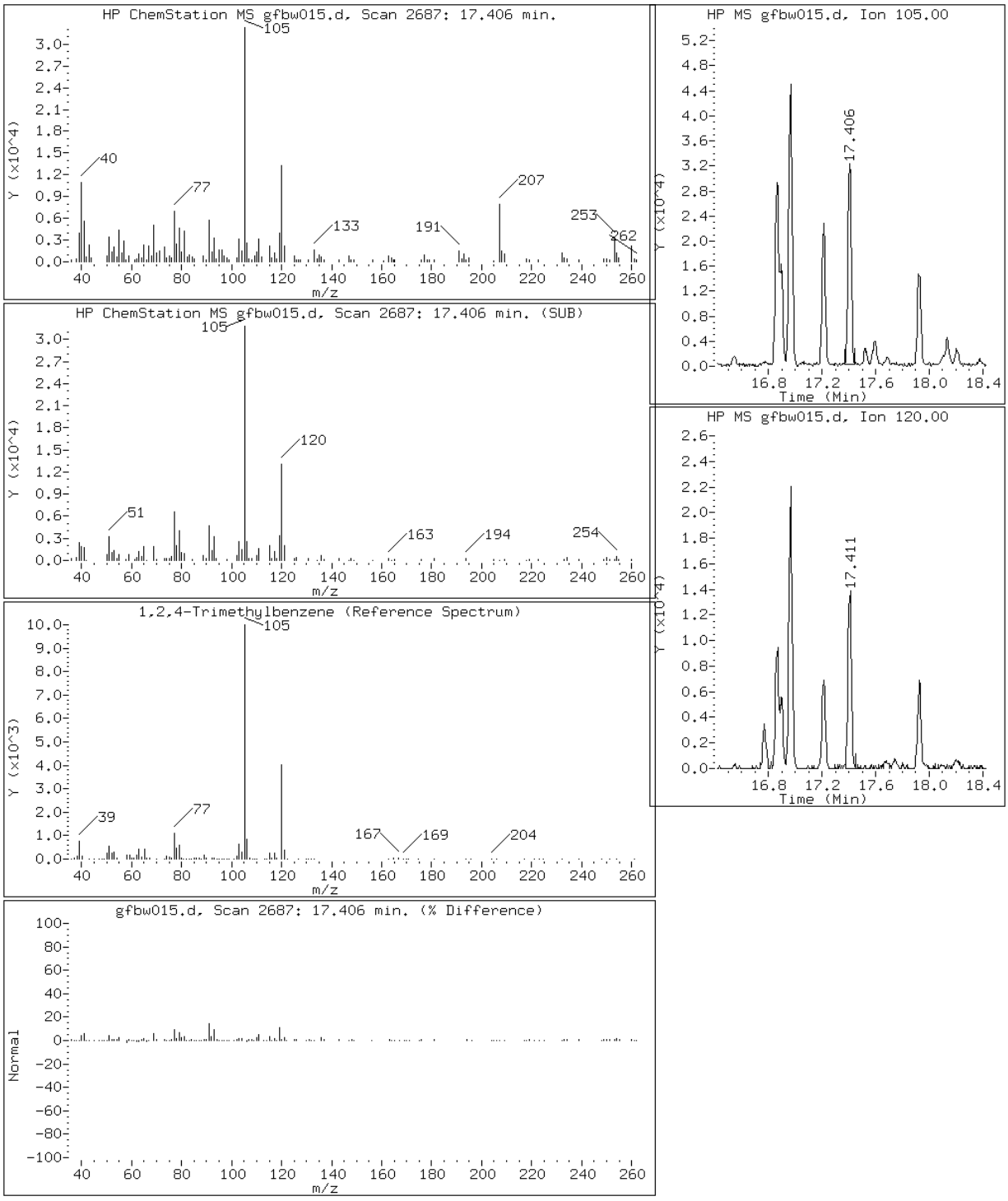
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw015.d
Lab Sample ID: 220-13862-3
Inj. Date and Time: 06-NOV-2010 00:58
Instrument ID: G.i
Client ID: CE-VAPOR-2
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 11/06/2010

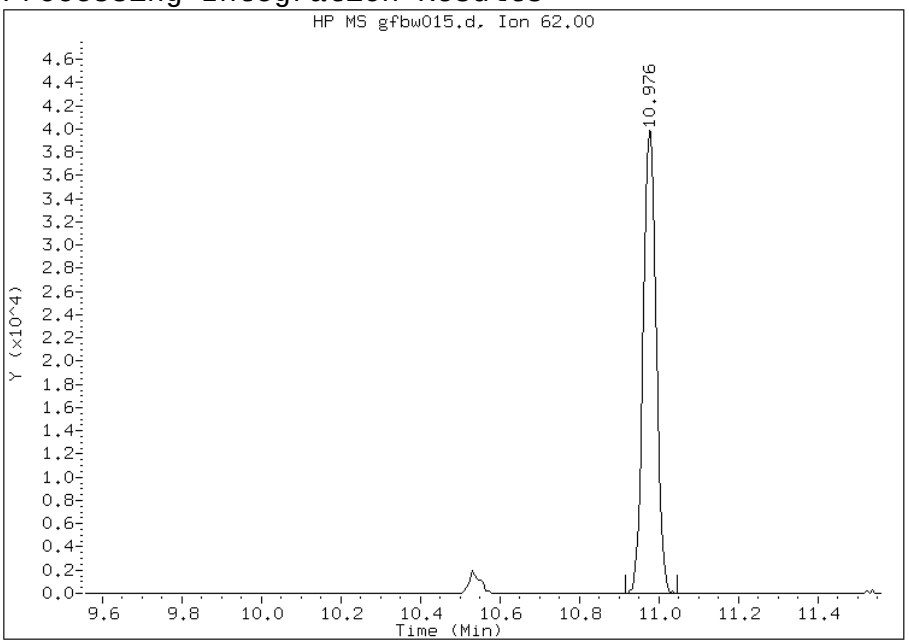
Processing Integration Results

RT: 10.98

Response: 92343

Amount: 1.18

Conc: 1.18



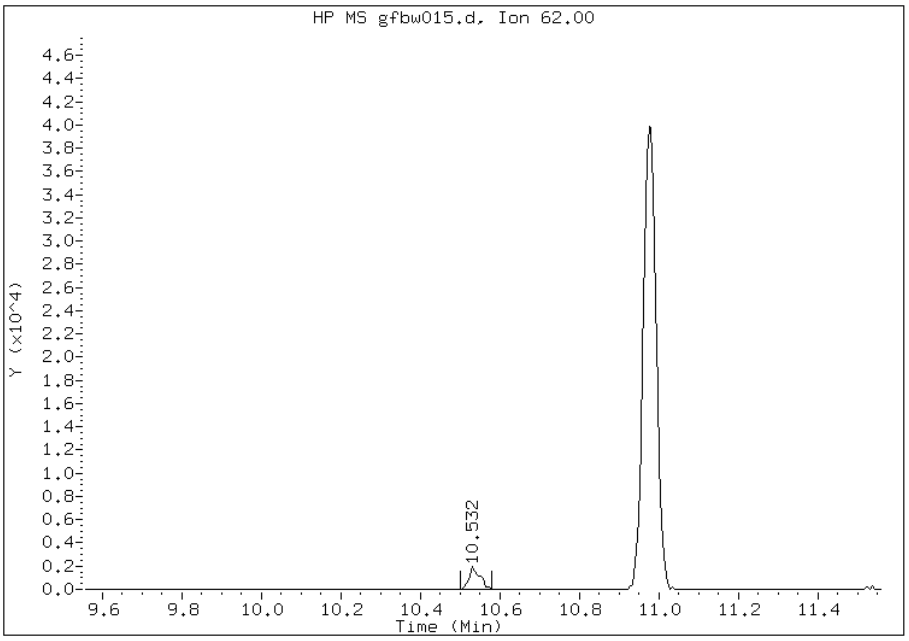
Manual Integration Results

RT: 10.53

Response: 3677

Amount: 0.046928

Conc: 0.046928



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	1.2		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.28		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.62		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.53		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.21		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	2.6		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20		0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.46		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.43		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	2.5		0.20	0.014
179601-23-1	m,p-Xylene	106.17	7.6		0.50	0.023
95-47-6	Xylene, o-	106.17	1.5		0.20	0.050
1330-20-7	Xylene (total)	106.17	9.1		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.81		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	1.8		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	3.2		1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.6		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.8		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	2.6		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.66		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	11		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1		1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	1.7		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	2.9		1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	11		0.87	0.061
179601-23-1	m,p-Xylene	106.17	33		2.2	0.10
95-47-6	Xylene, o-	106.17	6.6		0.87	0.22
1330-20-7	Xylene (total)	106.17	39		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	4.0		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	8.8		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	5.4		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-4
Client Smp ID: CE-VAPOR-3
Inj Date : 06-NOV-2010 01:47
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-4
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	73531	0.48720	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.508	3.513	(0.366)	4676	0.17140	0.17(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.695	4.700	(0.490)	21962	1.19879	1.2
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.187	5.187	(0.542)	44481	0.28025	0.28
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.646)	9892	0.10150	0.10(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	222230	3.80882	3.8(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

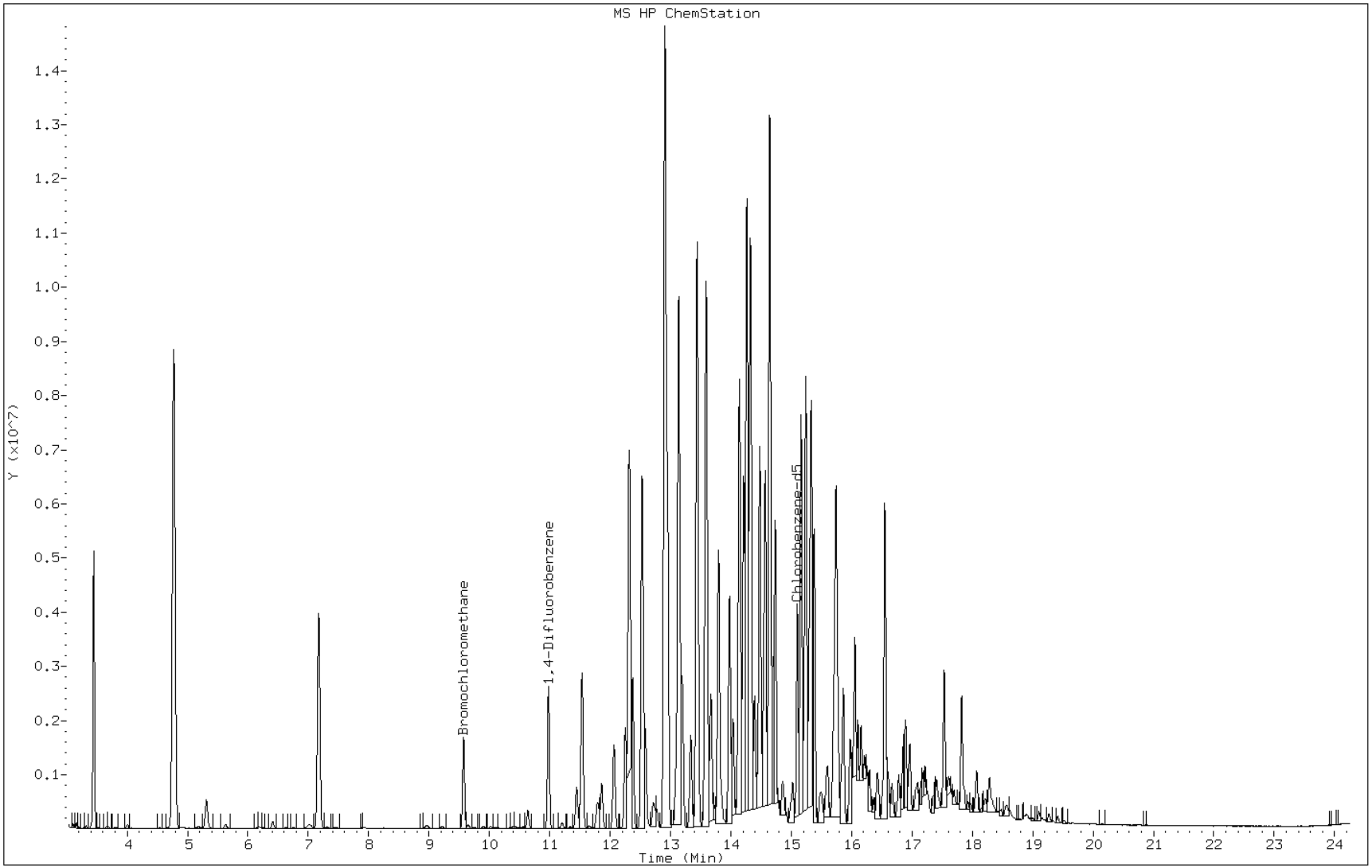
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.894	7.910	(0.825)	9525	0.16699	0.17(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61				2775	0.05791	0.058(a)
	34 1,2-Dichloroethene (cis)	96	9.210	9.226	(0.962)	2775	0.05791	0.058(a)
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	10813	0.62456	0.62(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	539426	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.649	9.665	(1.008)	58804	0.53026	0.53
	40 Cyclohexane	84	9.906	9.916	(0.902)	7218	0.12873	0.13(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.919)	13211	0.09020	0.090(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	30451	0.16569	0.17(aM)
	44 Benzene	78	10.435	10.451	(0.950)	28306	0.20627	0.21
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.639	10.655	(0.969)	175833	2.64101	2.6
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2605895	10.0000	
	49 Trichloroethene	95	11.340	11.355	(1.033)	14626	0.20275	0.20
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.137	13.153	(0.870)	45933	0.46019	0.46(Q)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.897	13.913	(0.920)	48060	0.43430	0.43
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2530445	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.007)	554065	2.45356	2.5
	69 Xylene (m,p)	106	15.363	15.378	(1.017)	648189	7.55896	7.6
M	70 Xylenes, Total	106				779130	9.08259	9.1
	71 Xylene (o)	106	15.876	15.892	(1.051)	130941	1.52362	1.5
	72 Styrene	104	15.908	15.919	(1.053)	21960	0.17241	0.17(aQ)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.903	16.914	(1.119)	211794	0.81363	0.81
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.973	16.983	(1.124)	400910	1.79593	1.8
	84 1,2,4-Trimethylbenzene	105	17.411	17.422	(1.153)	243296	1.10111	1.1
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw016.d	Date:	06-NOV-2010 01:47
Client ID:	CE-VAPOR-3	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-4		
Lab Sample ID:	220-13862-4		



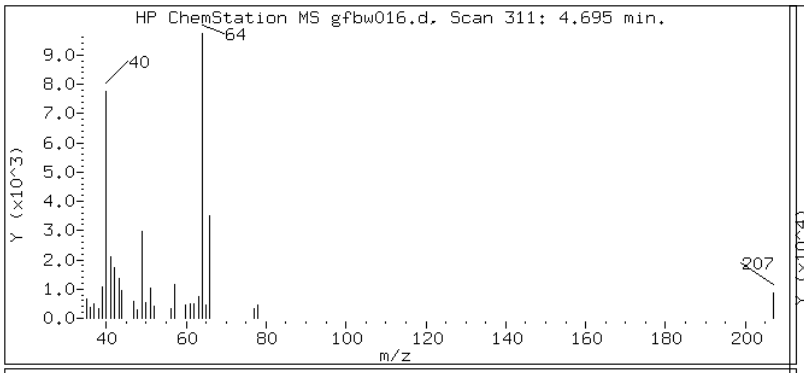
Data File: gfbw016.d

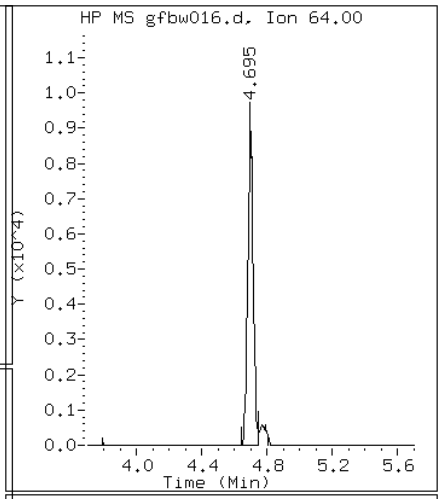
Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

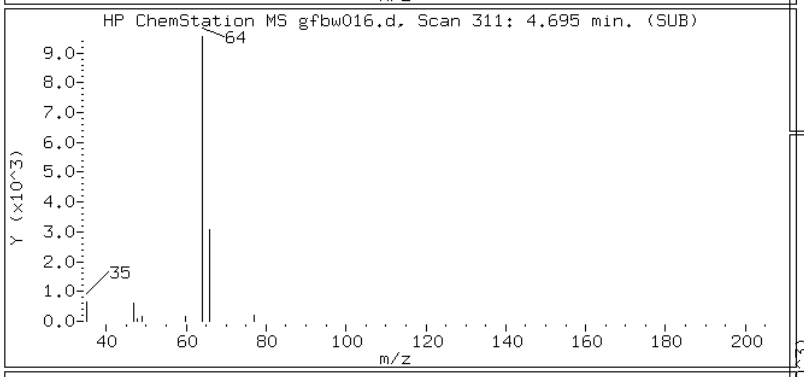
Client ID: CE-VAPOR-3 Instrument: G.i

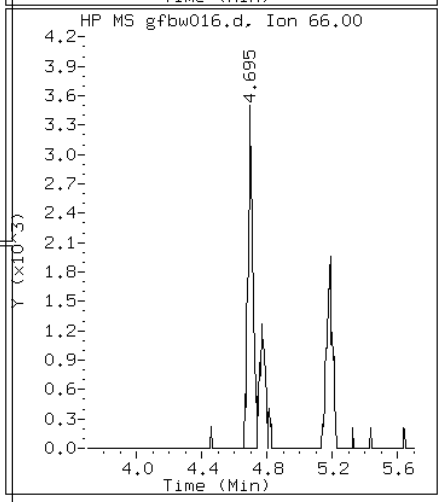
Sample Info: 220-13862-A-4 Operator: wrd

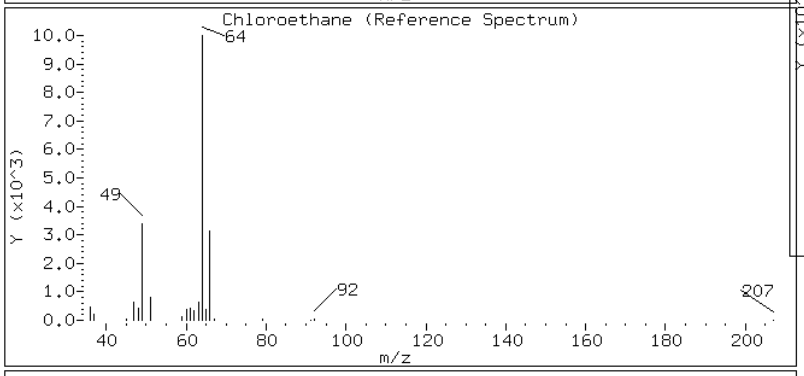
10 Chloroethane

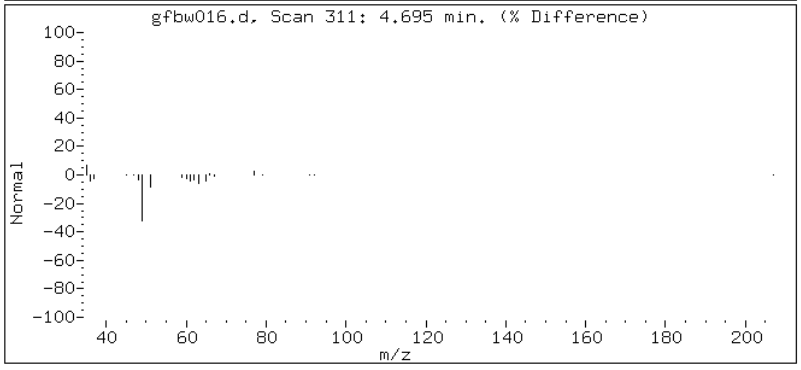












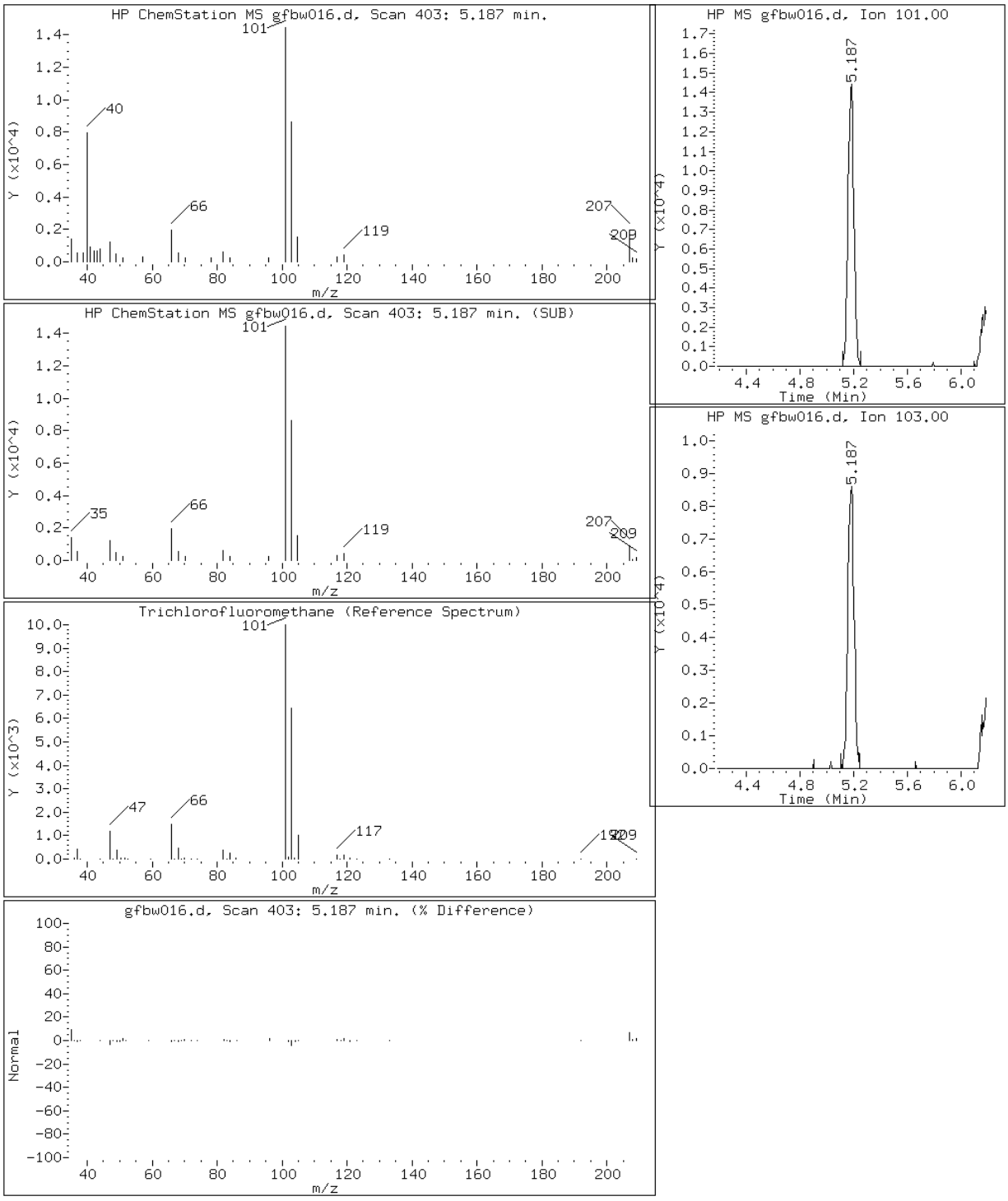
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

13 Trichlorofluoromethane



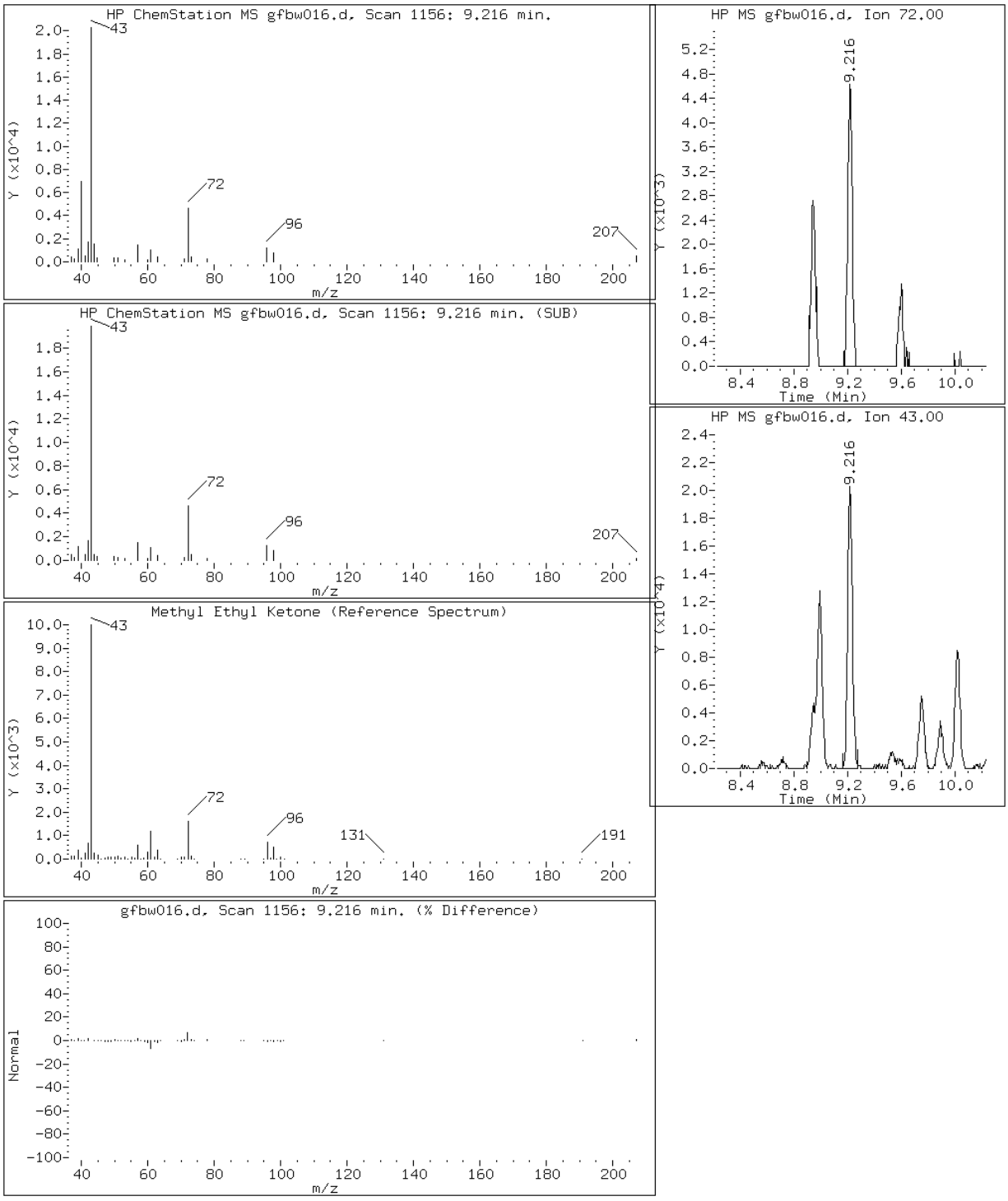
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

36 Methyl Ethyl Ketone



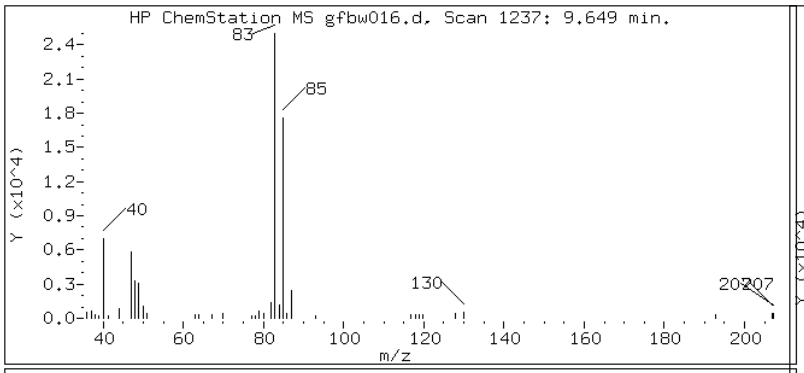
Data File: gfbw016.d

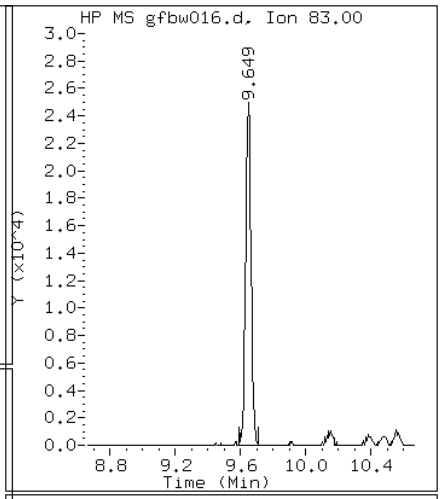
Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

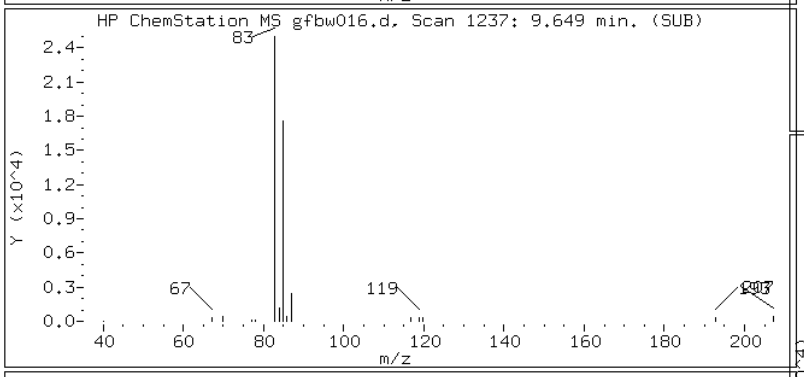
Client ID: CE-VAPOR-3 Instrument: G.i

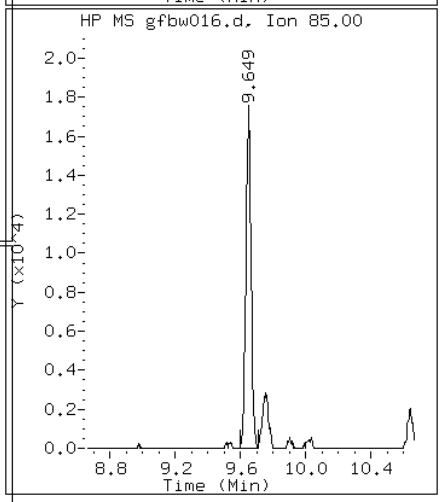
Sample Info: 220-13862-A-4 Operator: wrd

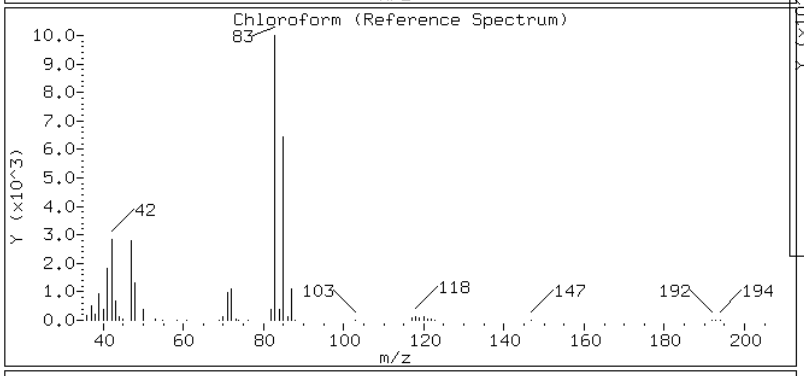
39 Chloroform

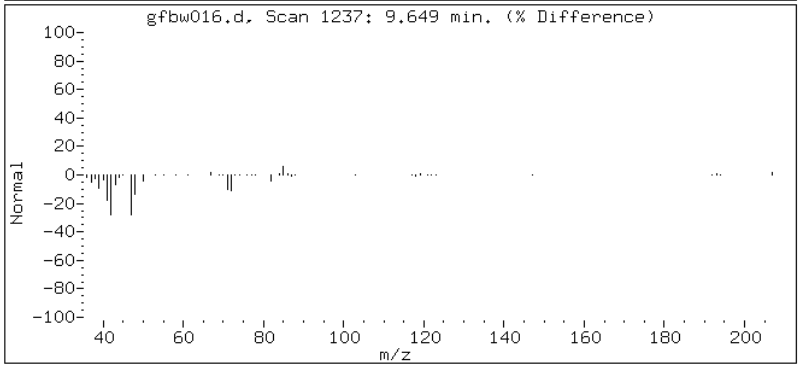












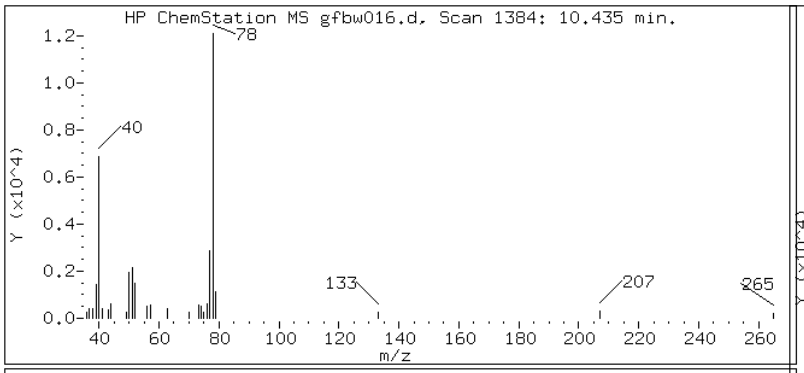
Data File: gfbw016.d

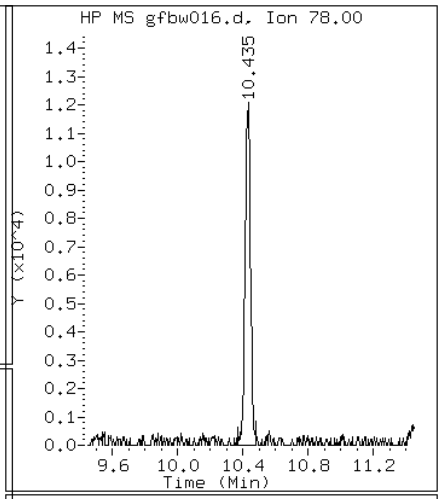
Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

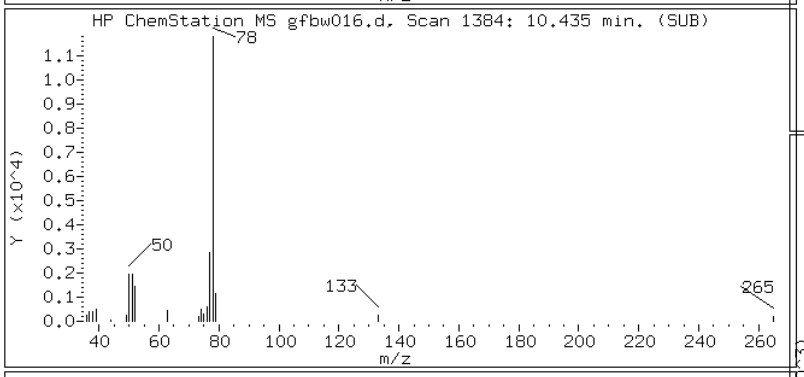
Client ID: CE-VAPOR-3 Instrument: G.i

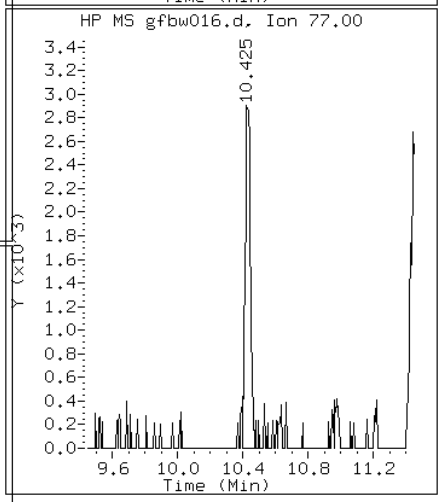
Sample Info: 220-13862-A-4 Operator: wrd

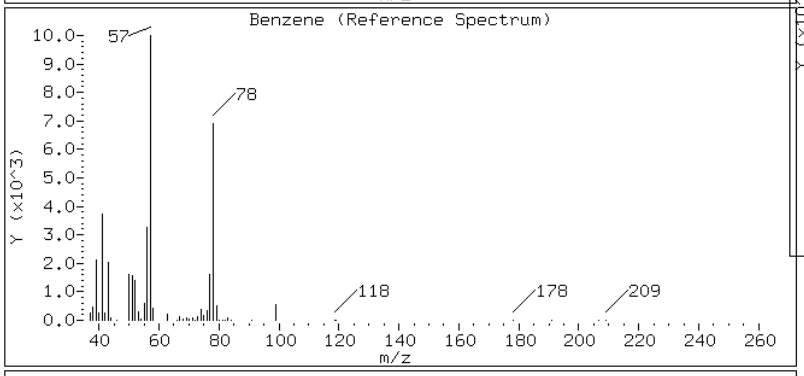
44 Benzene

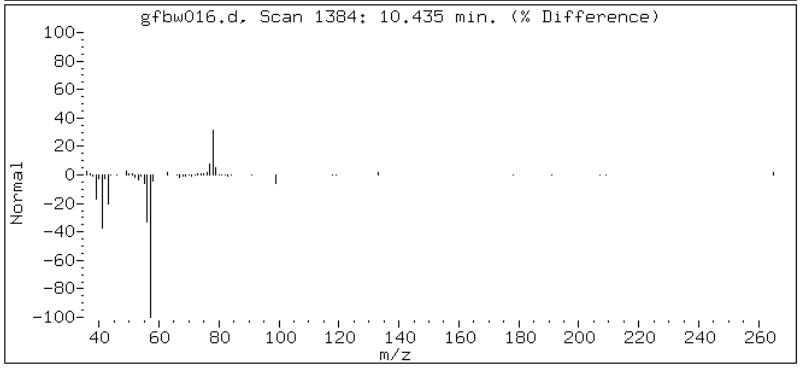












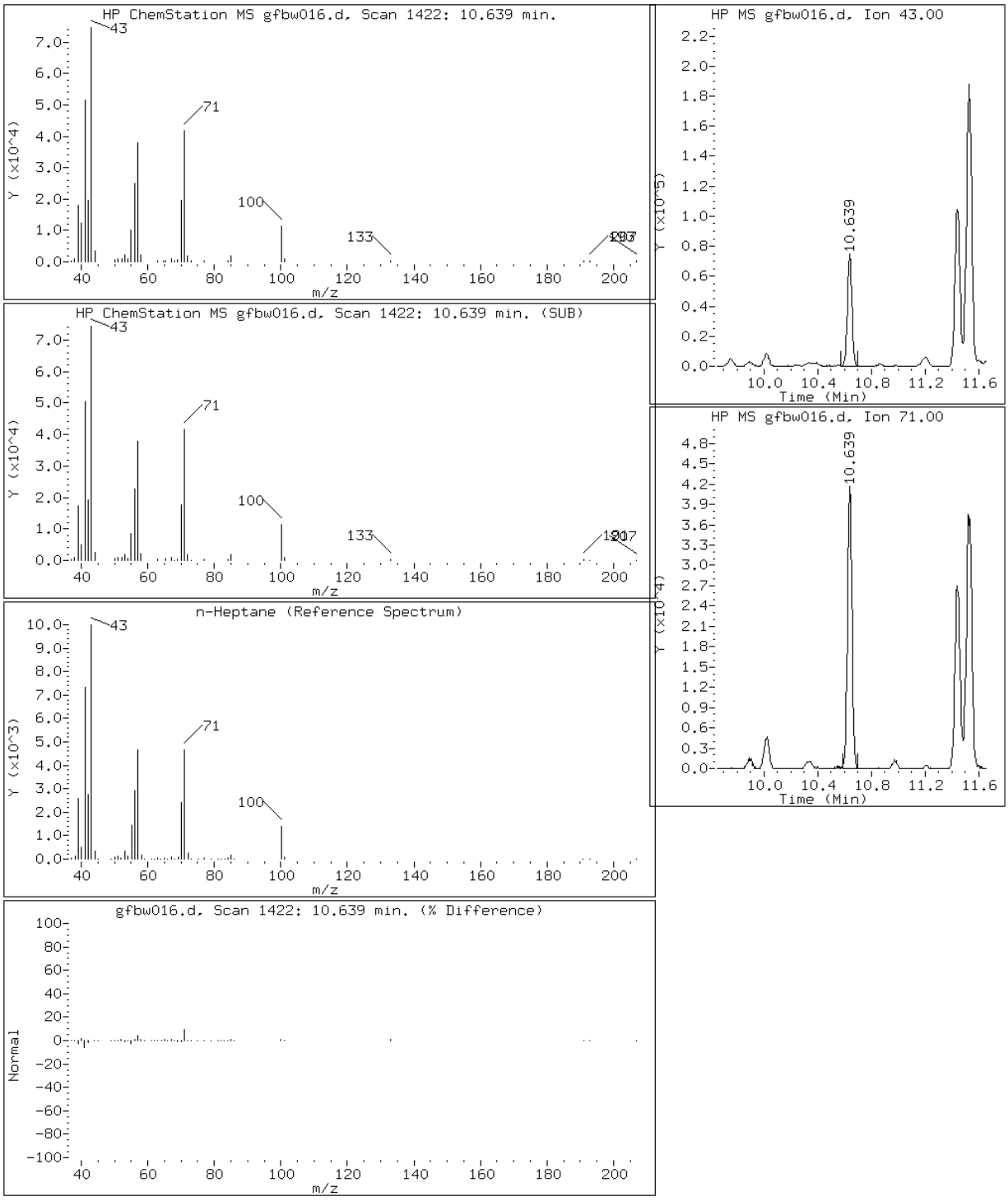
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

46 n-Heptane



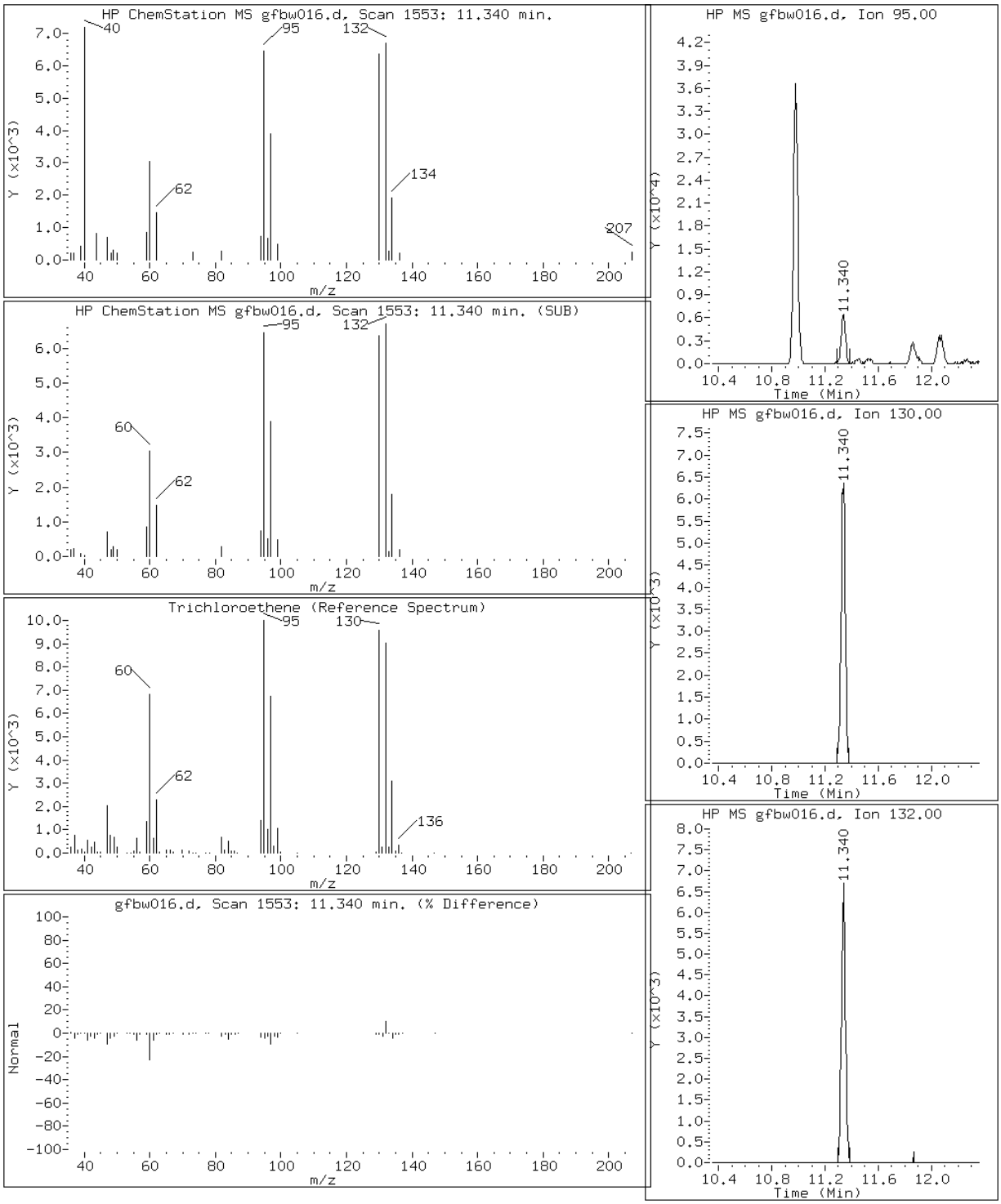
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

49 Trichloroethene



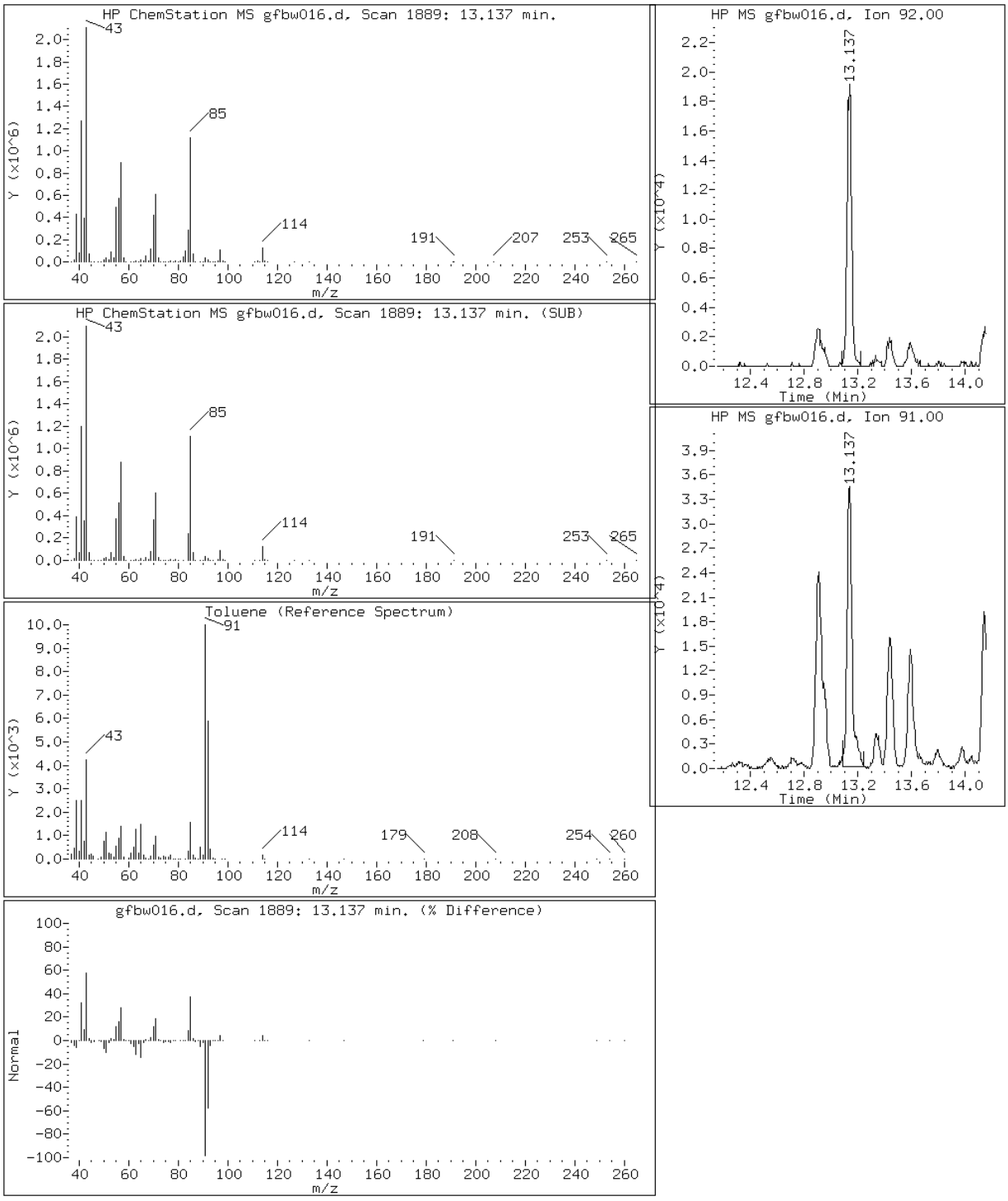
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

58 Toluene



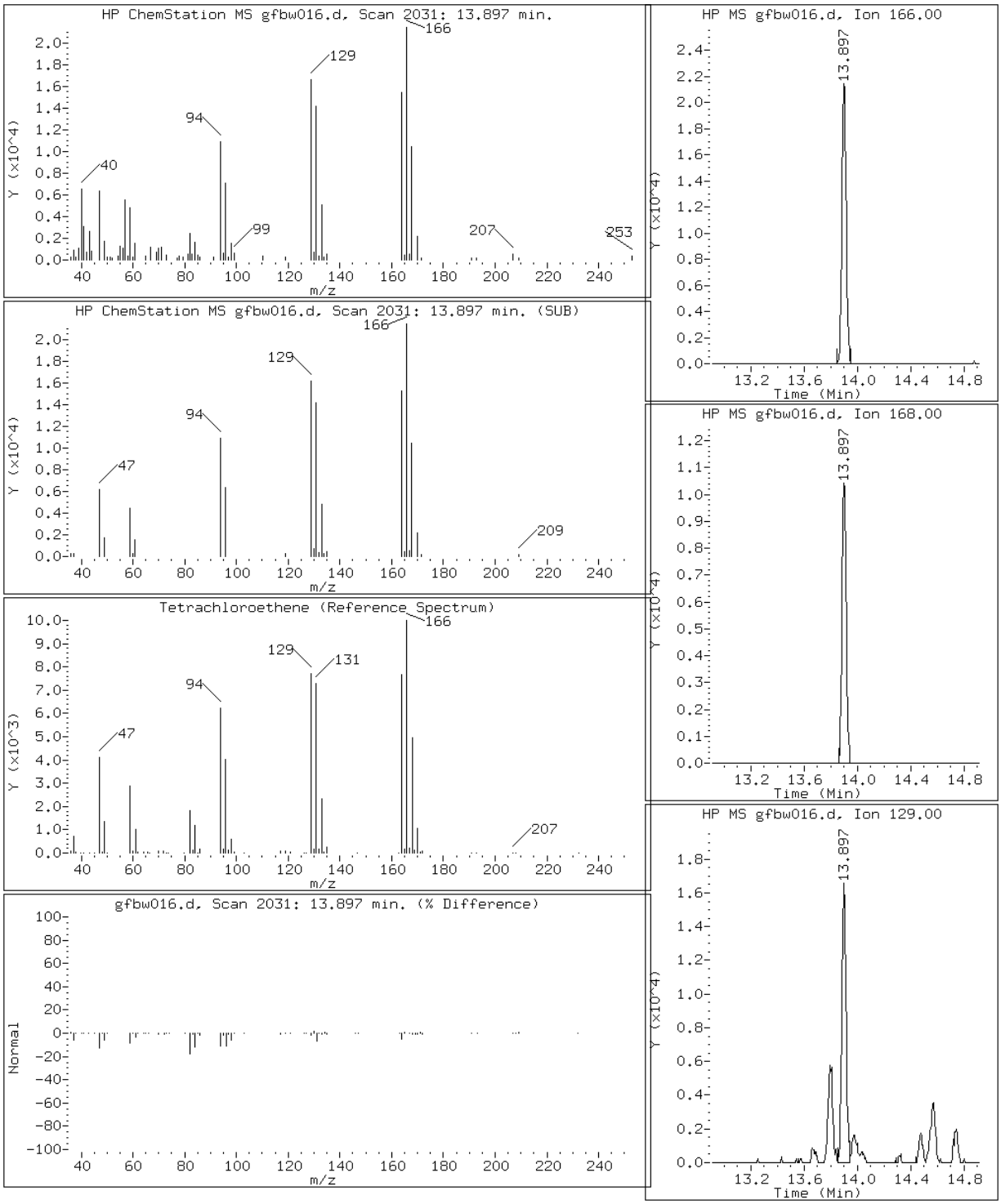
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

61 Tetrachloroethene



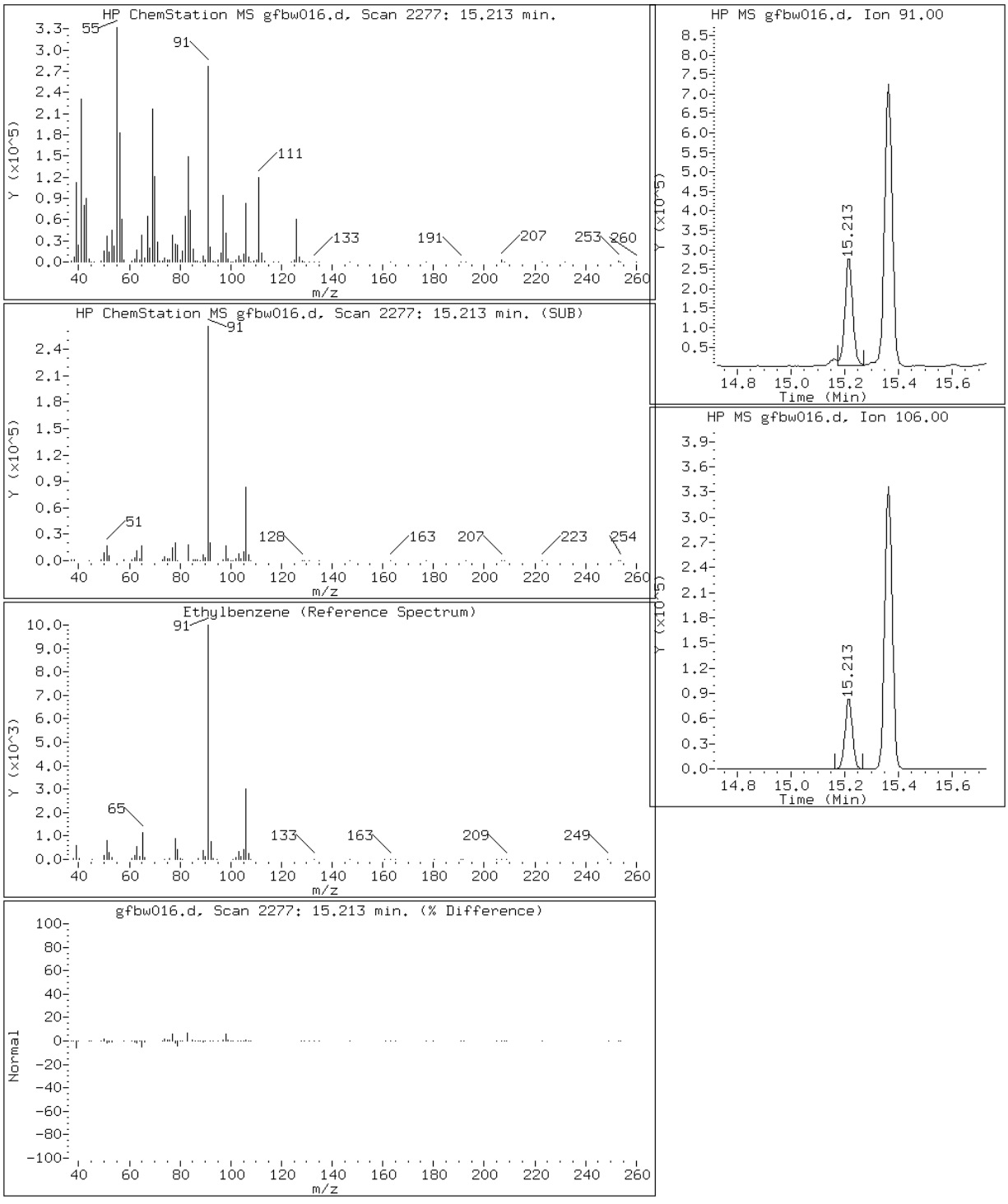
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

68 Ethylbenzene



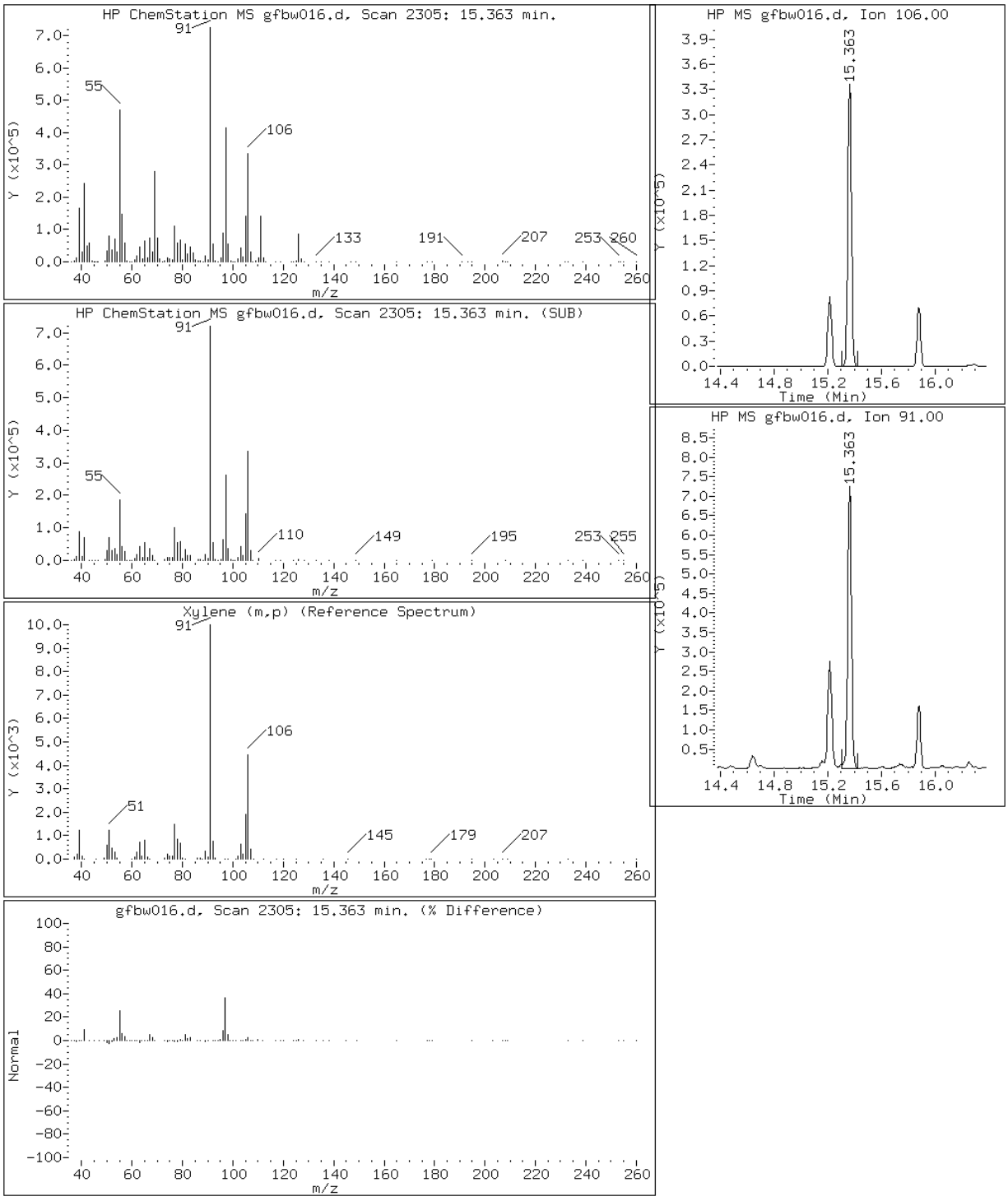
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

69 Xylene (m,p)



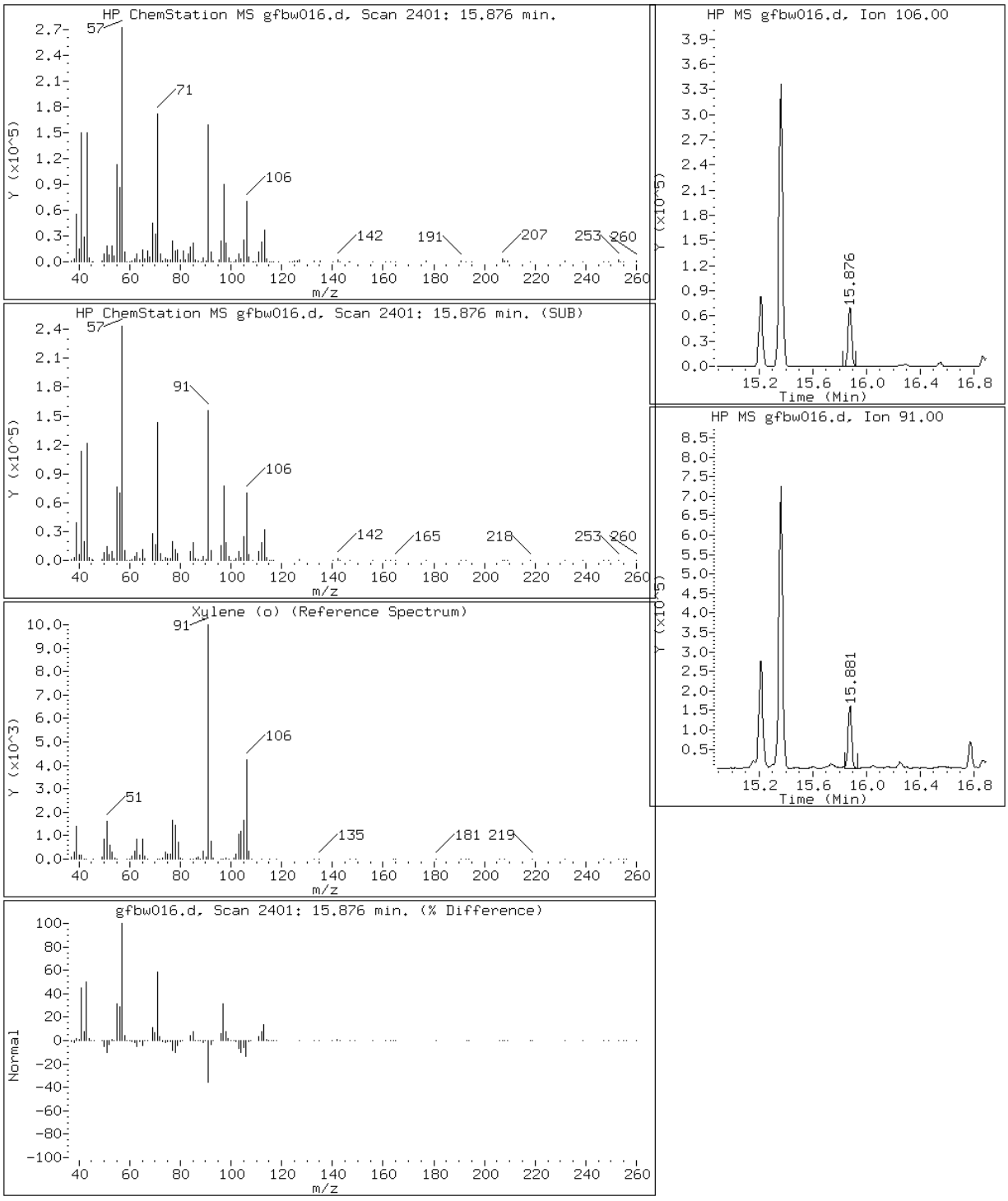
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

71 Xylene (o)



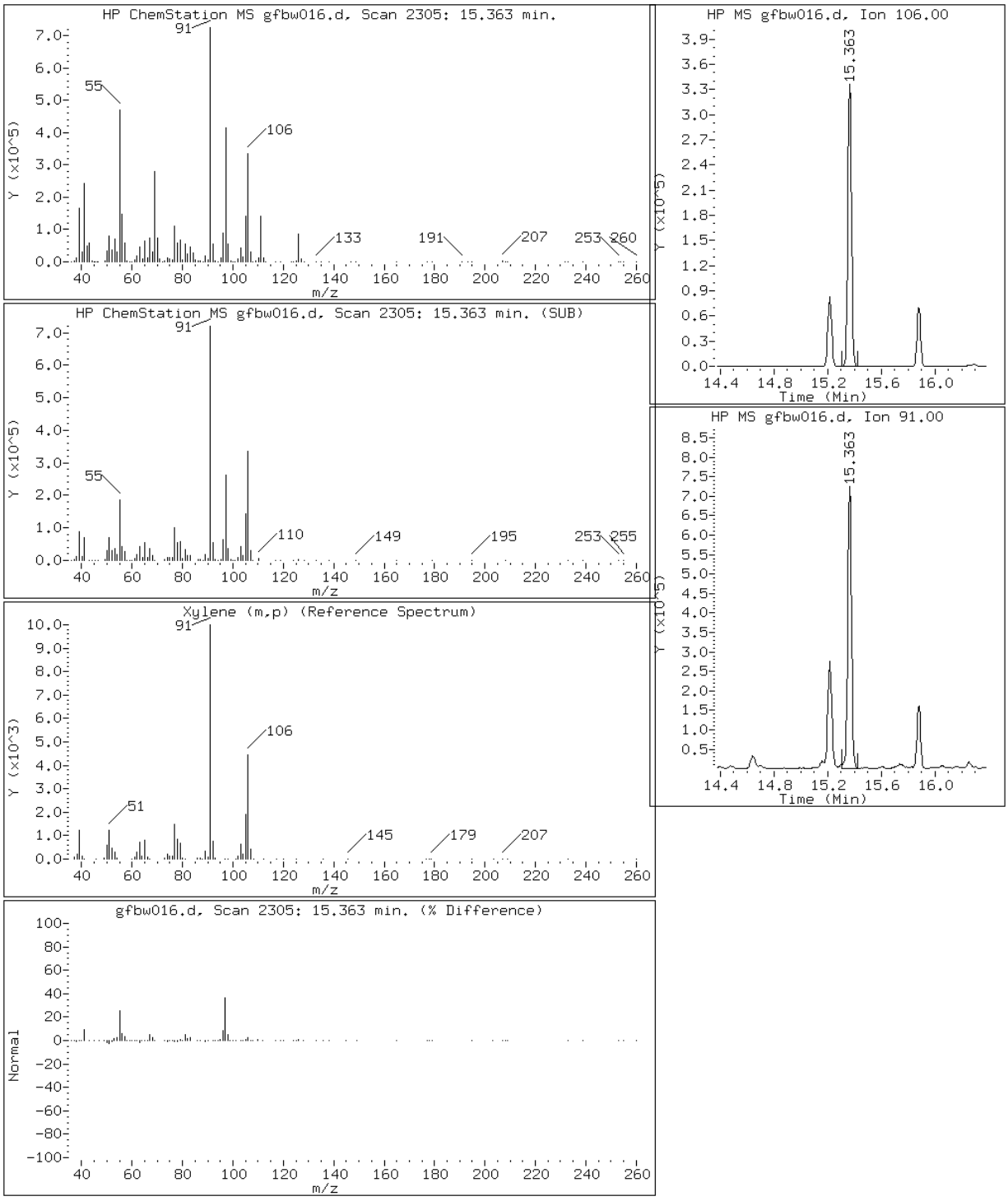
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

69 Xylene (m,p)



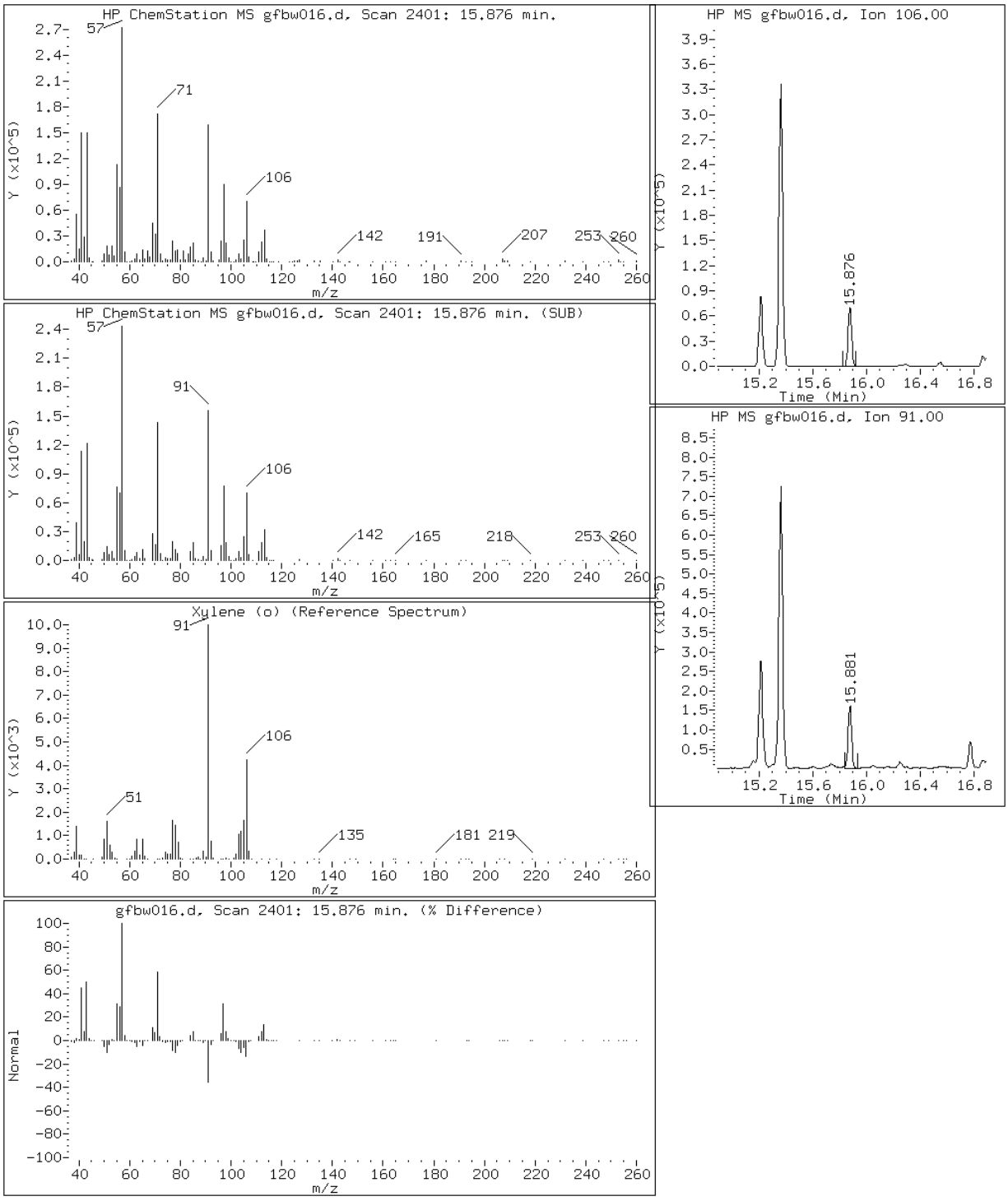
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

71 Xylene (o)



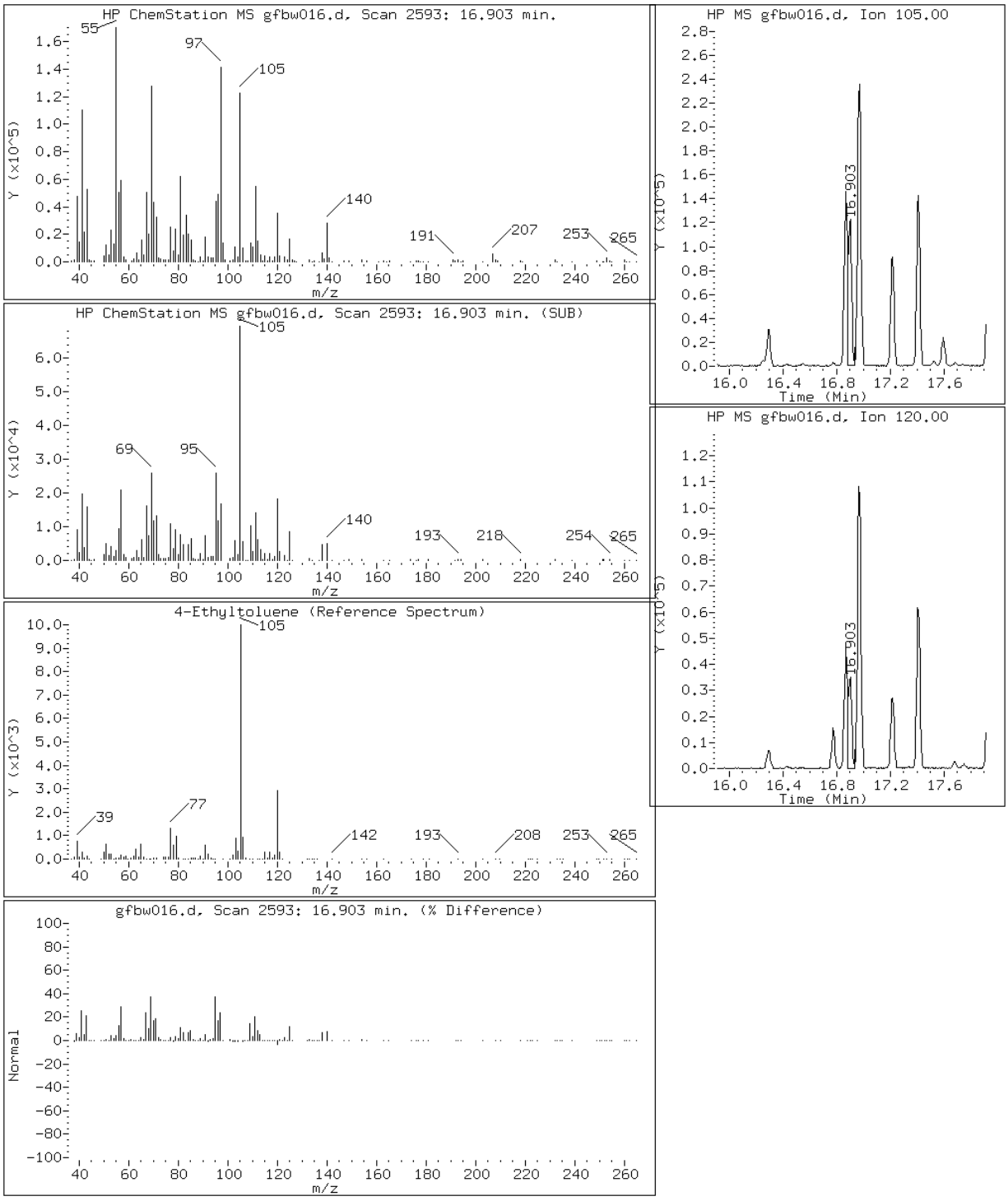
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

79 4-Ethyltoluene



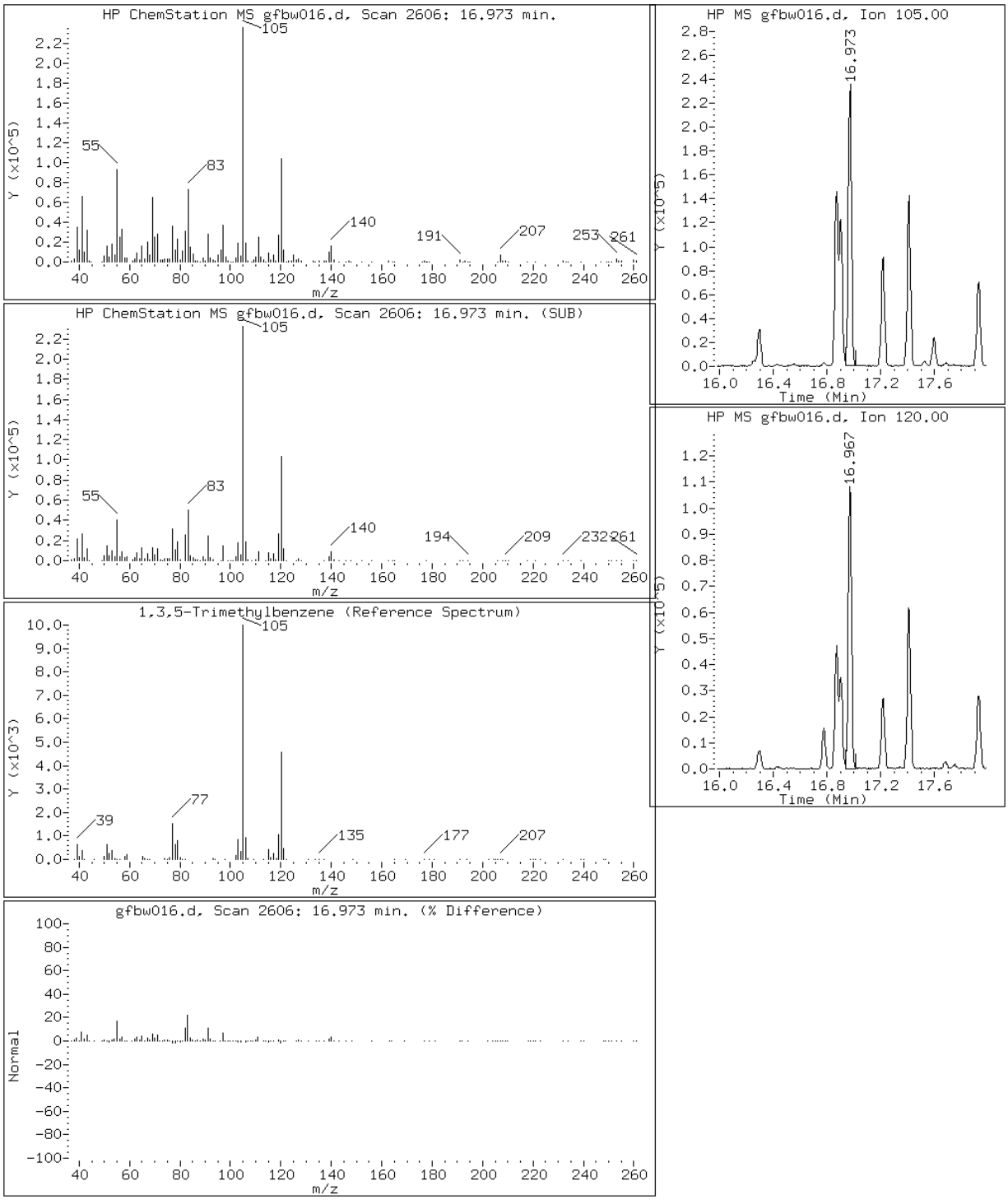
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

81 1,3,5-Trimethylbenzene



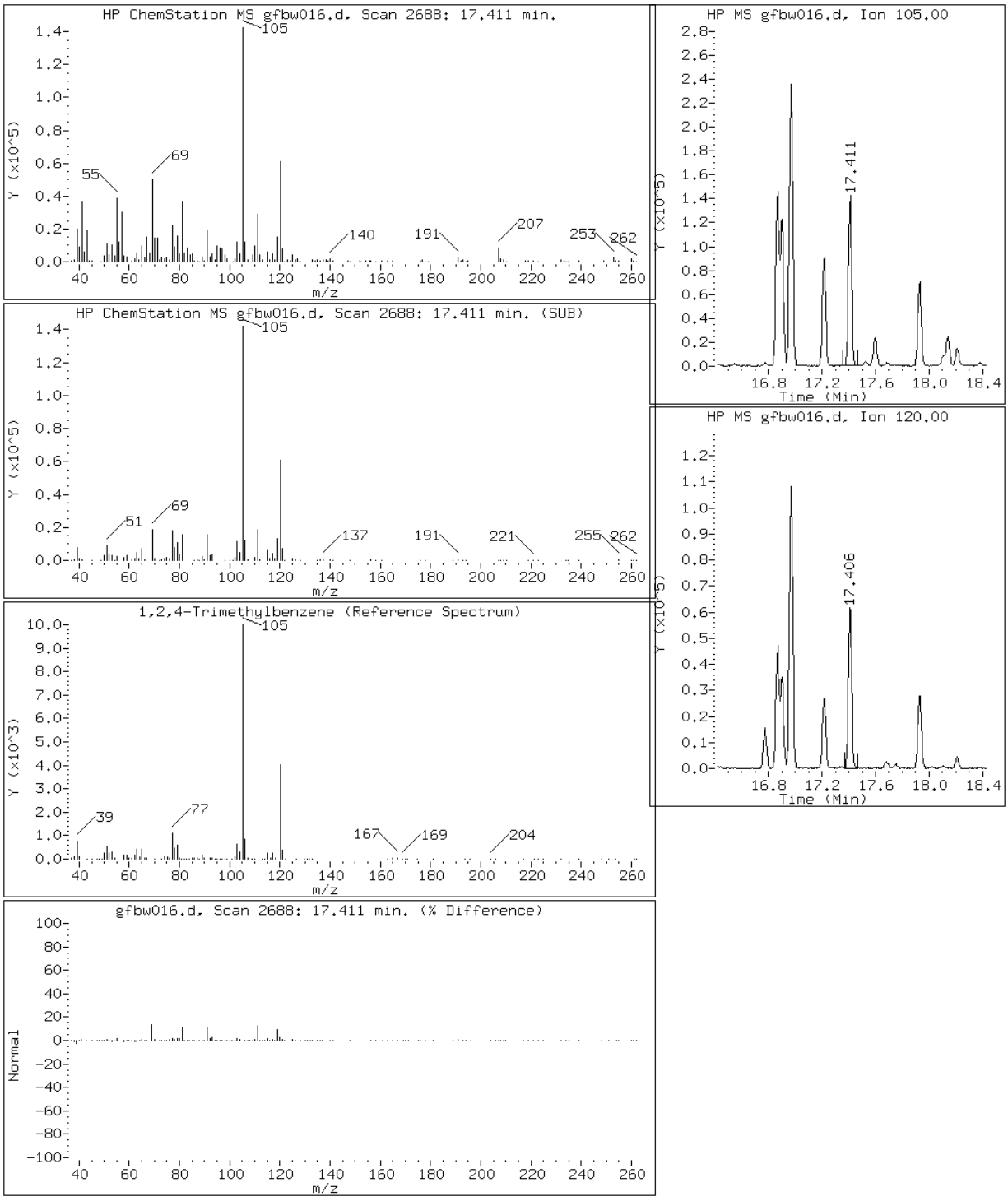
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw016.d
Lab Sample ID: 220-13862-4
Inj. Date and Time: 06-NOV-2010 01:47
Instrument ID: G.i
Client ID: CE-VAPOR-3
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 11/06/2010

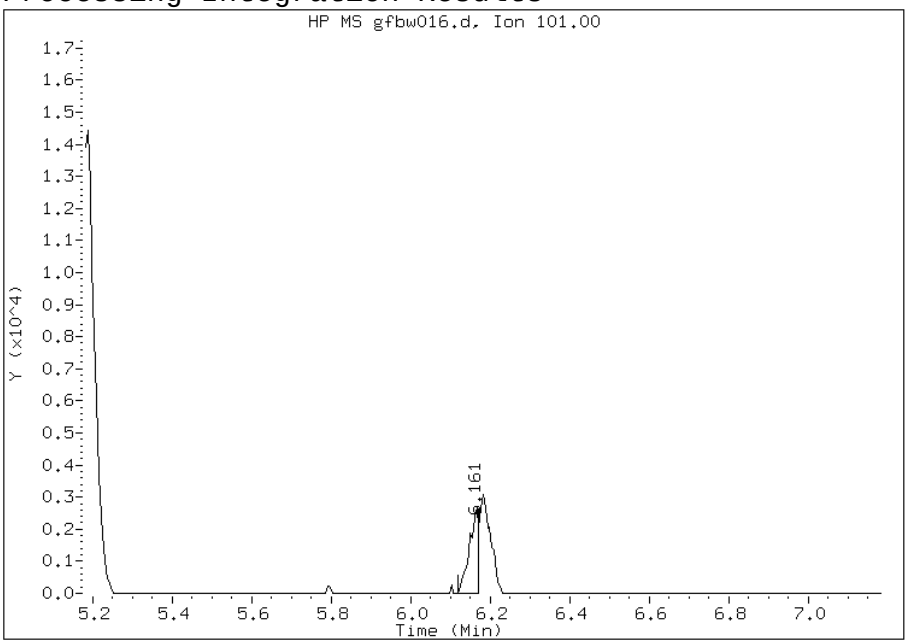
Processing Integration Results

RT: 6.16

Response: 4490

Amount: 0.046072

Conc: 0.046072



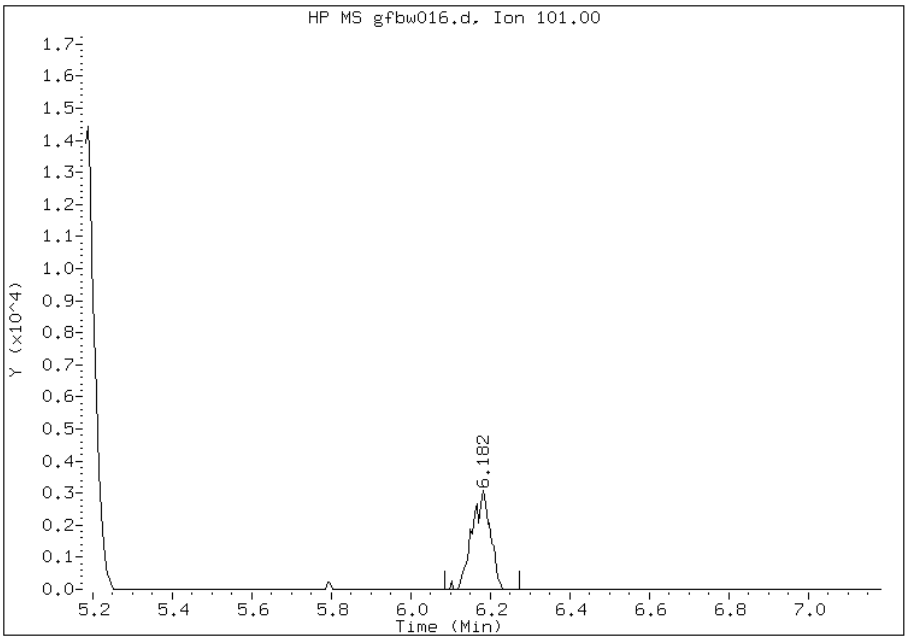
Manual Integration Results

RT: 6.18

Response: 9892

Amount: 0.101503

Conc: 0.101503



File Uploaded By: njr
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw016.d
Lab Sample ID: 220-13862-4
Inj. Date and Time: 06-NOV-2010 01:47
Instrument ID: G.i
Client ID: CE-VAPOR-3
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

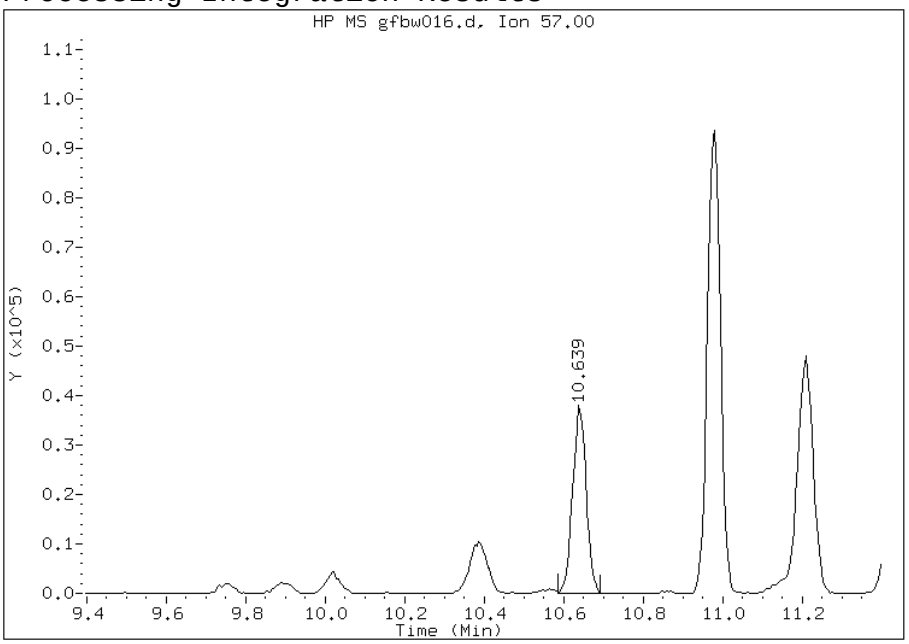
Processing Integration Results

RT: 10.64

Response: 90300

Amount: 0.491343

Conc: 0.491343



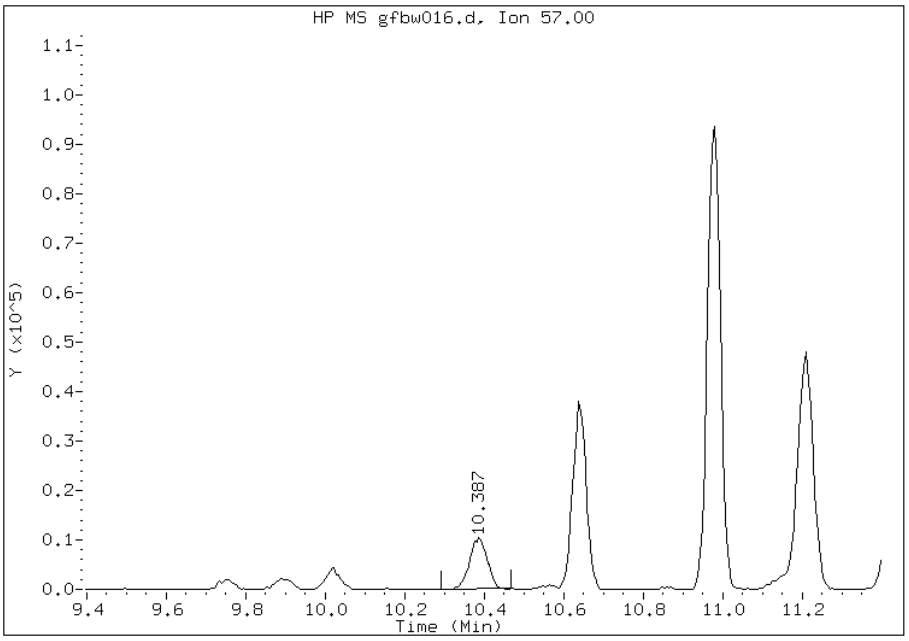
Manual Integration Results

RT: 10.39

Response: 30451

Amount: 0.165691

Conc: 0.165691



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.0	U	1.0	0.024
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	0.40	0.024
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.042
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.050
106-99-0	1,3-Butadiene	54.09	0.40	U	0.40	0.054
74-83-9	Bromomethane	94.94	0.40	U	0.40	0.028
75-00-3	Chloroethane	64.52	1.0	U	1.0	0.20
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.40	U	0.40	0.10
75-69-4	Trichlorofluoromethane	137.37	0.40	U	0.40	0.10
76-13-1	Freon TF	187.38	0.40	U	0.40	0.10
75-35-4	1,1-Dichloroethene	96.94	0.40	U	0.40	0.030
67-64-1	Acetone	58.08	10	U	10	2.0
67-63-0	Isopropyl alcohol	60.10	10	U	10	0.086
75-15-0	Carbon disulfide	76.14	1.0	U	1.0	0.10
107-05-1	3-Chloropropene	76.53	1.0	U	1.0	0.058
75-09-2	Methylene Chloride	84.93	1.0	U	1.0	0.060
75-65-0	tert-Butyl alcohol	74.12	10	U	10	0.20
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	0.40	0.026
156-60-5	trans-1,2-Dichloroethene	96.94	0.40	U	0.40	0.10
110-54-3	n-Hexane	86.17	0.54		0.40	0.046
75-34-3	1,1-Dichloroethane	98.96	0.40	U	0.40	0.026
78-93-3	Methyl Ethyl Ketone	72.11	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	96.94	0.40	U	0.40	0.10
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.20
67-66-3	Chloroform	119.38	0.40	U	0.40	0.10
109-99-9	Tetrahydrofuran	72.11	10	U	10	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.40	U	0.40	0.10
110-82-7	Cyclohexane	84.16	0.62		0.40	0.024
56-23-5	Carbon tetrachloride	153.81	0.40	U	0.40	0.10
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	U	0.40	0.026
71-43-2	Benzene	78.11	0.67		0.40	0.10
107-06-2	1,2-Dichloroethane	98.96	0.40	U	0.40	0.030
142-82-5	n-Heptane	100.21	2.0		0.40	0.054
79-01-6	Trichloroethene	131.39	0.40	U	0.40	0.028
78-87-5	1,2-Dichloropropane	112.99	0.40	U	0.40	0.032

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	10	U	10	0.070
75-27-4	Bromodichloromethane	163.83	0.40	U	0.40	0.10
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	0.40	0.10
108-10-1	methyl isobutyl ketone	100.16	1.0	U	1.0	0.13
108-88-3	Toluene	92.14	0.40	U	0.40	0.10
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	0.40	0.13
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	0.40	0.10
127-18-4	Tetrachloroethene	165.83	0.74		0.40	0.034
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.0	U	1.0	0.056
124-48-1	Dibromochloromethane	208.29	0.40	U	0.40	0.10
106-93-4	1,2-Dibromoethane	187.87	0.40	U	0.40	0.024
108-90-7	Chlorobenzene	112.30	0.40	U	0.40	0.10
100-41-4	Ethylbenzene	106.17	3.0		0.40	0.028
179601-23-1	m,p-Xylene	106.17	6.8		1.0	0.046
95-47-6	Xylene, o-	106.17	4.8		0.40	0.10
1330-20-7	Xylene (total)	106.17	12		0.40	0.30
100-42-5	Styrene	104.15	0.40	U	0.40	0.10
75-25-2	Bromoform	252.75	0.40	U	0.40	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.40	U	0.40	0.10
622-96-8	4-Ethyltoluene	120.20	0.40	U	0.40	0.13
108-67-8	1,3,5-Trimethylbenzene	120.20	2.6		0.40	0.13
95-49-8	2-Chlorotoluene	126.59	0.40	U	0.40	0.13
95-63-6	1,2,4-Trimethylbenzene	120.20	0.66		0.40	0.13
541-73-1	1,3-Dichlorobenzene	147.00	0.40	U	0.40	0.036
106-46-7	1,4-Dichlorobenzene	147.00	0.40	U	0.40	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.40	U	0.40	0.034
120-82-1	1,2,4-Trichlorobenzene	181.45	1.0	U	1.0	0.064
87-68-3	Hexachlorobutadiene	260.76	0.40	U	0.40	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	4.9	U	4.9	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	2.8	0.17
74-87-3	Chloromethane	50.49	2.1	U	2.1	0.087
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.13
106-99-0	1,3-Butadiene	54.09	0.88	U	0.88	0.12
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.11
75-00-3	Chloroethane	64.52	2.6	U	2.6	0.53
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.7	U	1.7	0.44
75-69-4	Trichlorofluoromethane	137.37	2.2	U	2.2	0.56
76-13-1	Freon TF	187.38	3.1	U	3.1	0.77
75-35-4	1,1-Dichloroethene	96.94	1.6	U	1.6	0.12
67-64-1	Acetone	58.08	24	U	24	4.7
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.21
75-15-0	Carbon disulfide	76.14	3.1	U	3.1	0.31
107-05-1	3-Chloropropene	76.53	3.1	U	3.1	0.18
75-09-2	Methylene Chloride	84.93	3.5	U	3.5	0.21
75-65-0	tert-Butyl alcohol	74.12	30	U	30	0.61
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	1.4	0.094
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	1.6	0.40
110-54-3	n-Hexane	86.17	1.9		1.4	0.16
75-34-3	1,1-Dichloroethane	98.96	1.6	U	1.6	0.11
78-93-3	Methyl Ethyl Ketone	72.11	2.9	U	2.9	0.38
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	1.6	0.40
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.79
67-66-3	Chloroform	119.38	2.0	U	2.0	0.49
109-99-9	Tetrahydrofuran	72.11	29	U	29	0.59
71-55-6	1,1,1-Trichloroethane	133.41	2.2	U	2.2	0.55
110-82-7	Cyclohexane	84.16	2.1		1.4	0.083
56-23-5	Carbon tetrachloride	153.81	2.5	U	2.5	0.63
540-84-1	2,2,4-Trimethylpentane	114.23	1.9	U	1.9	0.12
71-43-2	Benzene	78.11	2.1		1.3	0.32
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	0.12
142-82-5	n-Heptane	100.21	8.2		1.6	0.22
79-01-6	Trichloroethene	131.39	2.1	U	2.1	0.15
78-87-5	1,2-Dichloropropane	112.99	1.8	U	1.8	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	36	U	36	0.25
75-27-4	Bromodichloromethane	163.83	2.7	U	2.7	0.67
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	1.8	0.45
108-10-1	methyl isobutyl ketone	100.16	4.1	U	4.1	0.52
108-88-3	Toluene	92.14	1.5	U	1.5	0.38
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	1.8	0.58
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	2.2	0.55
127-18-4	Tetrachloroethene	165.83	5.0		2.7	0.23
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.1	U	4.1	0.23
124-48-1	Dibromochloromethane	208.29	3.4	U	3.4	0.85
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.18
108-90-7	Chlorobenzene	112.30	1.8	U	1.8	0.46
100-41-4	Ethylbenzene	106.17	13		1.7	0.12
179601-23-1	m,p-Xylene	106.17	30		4.3	0.20
95-47-6	Xylene, o-	106.17	21		1.7	0.43
1330-20-7	Xylene (total)	106.17	50		1.7	1.3
100-42-5	Styrene	104.15	1.7	U	1.7	0.43
75-25-2	Bromoform	252.75	4.1	U	4.1	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	2.7	0.69
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.63
108-67-8	1,3,5-Trimethylbenzene	120.20	13		2.0	0.63
95-49-8	2-Chlorotoluene	126.59	2.1	U	2.1	0.66
95-63-6	1,2,4-Trimethylbenzene	120.20	3.3		2.0	0.63
541-73-1	1,3-Dichlorobenzene	147.00	2.4	U	2.4	0.22
106-46-7	1,4-Dichlorobenzene	147.00	2.4	U	2.4	0.25
95-50-1	1,2-Dichlorobenzene	147.00	2.4	U	2.4	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	7.4	U	7.4	0.47
87-68-3	Hexachlorobutadiene	260.76	4.3	U	4.3	0.47

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-5
Client Smp ID: CE-VAPOR-4
Inj Date : 06-NOV-2010 02:35
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-5
Misc Info : 100,2,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 08-Nov-2010 10:05 klp Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 15
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	39777	0.25711	0.51(aM)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.684	4.700	(0.489)	2571	0.13691	0.27(a)
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.182	5.187	(0.541)	27927	0.17165	0.34(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.166	6.182	(0.644)	4345	0.04349	0.087(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	124947	2.08911	4.2(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

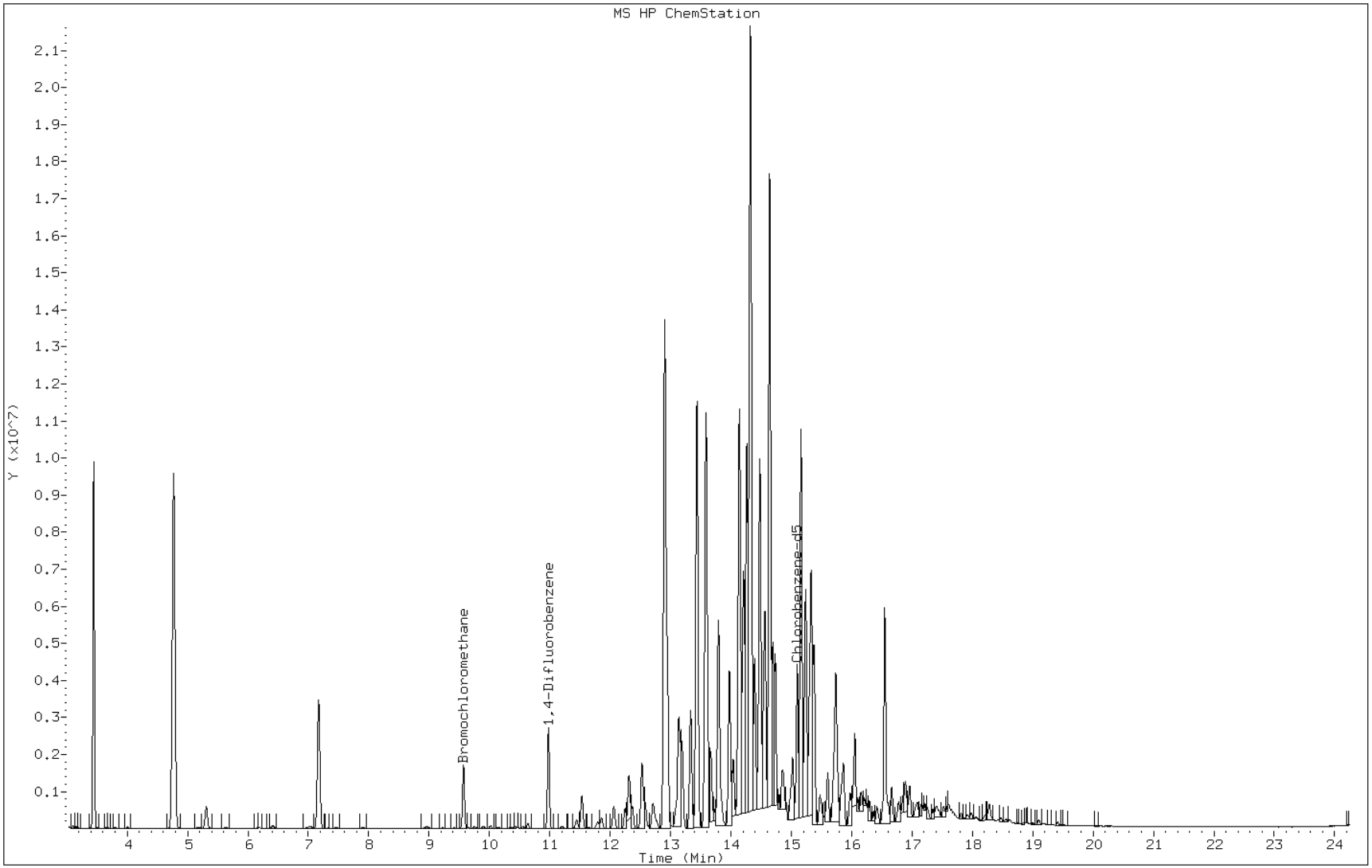
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.177	7.199	(0.750)	18300	0.38287	0.77(aQH)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.905	7.910	(0.826)	15738	0.26917	0.54
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.221	9.232	(0.963)	4791	0.26996	0.54(aQ)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	552947	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.643	9.665	(1.007)	12317	0.10835	0.22(a)
	40 Cyclohexane	84	9.900	9.916	(0.902)	18014	0.31226	0.62(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.920)	7116	0.04722	0.094(a)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.946)	12758	0.06747	0.13(aQ)
	44 Benzene	78	10.430	10.451	(0.950)	47255	0.33470	0.67
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.639	10.655	(0.969)	68667	1.00247	2.0
*	47 1,4-Difluorobenzene	114	10.976	11.002	(1.000)	2681032	10.0000	
	49 Trichloroethene	95	11.334	11.355	(1.033)	3609	0.04863	0.097(aQMH)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.896	13.913	(0.920)	41092	0.36899	0.74
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2546488	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.007)	343972	1.51361	3.0
	69 Xylene (m,p)	106	15.362	15.378	(1.017)	294255	3.40989	6.8(Q)
M	70 Xylenes, Total	106				501185	5.80255	12
	71 Xylene (o)	106	15.876	15.892	(1.051)	206930	2.39266	4.8
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.903	16.914	(1.119)	24544	0.09369	0.19(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	294451	1.31072	2.6
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	73584	0.33093	0.66
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw017.d	Date:	06-NOV-2010 02:35
Client ID:	CE-VAPOR-4	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-5		
Lab Sample ID:	220-13862-5		



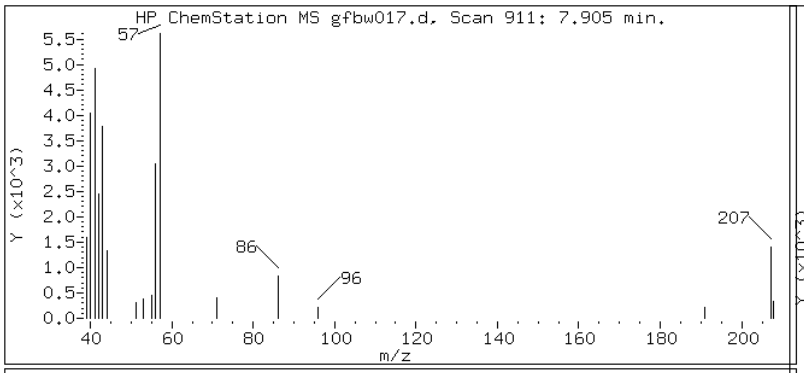
Data File: gfbw017.d

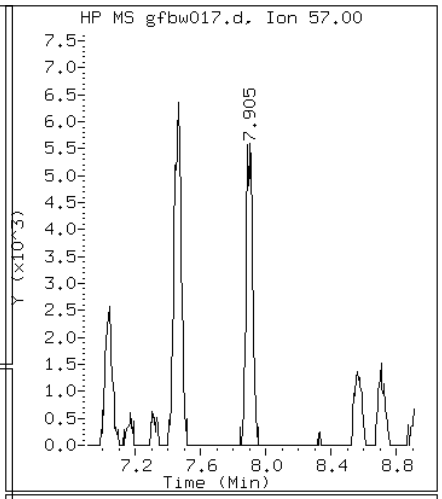
Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

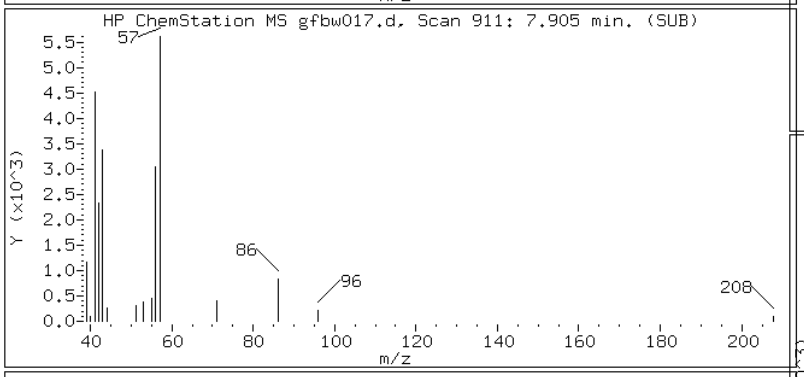
Client ID: CE-VAPOR-4 Instrument: G.i

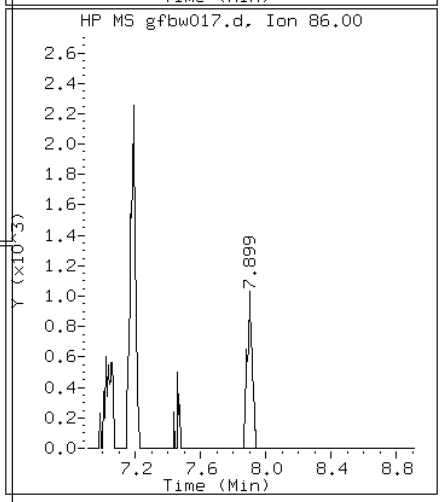
Sample Info: 220-13862-A-5 Operator: wrd

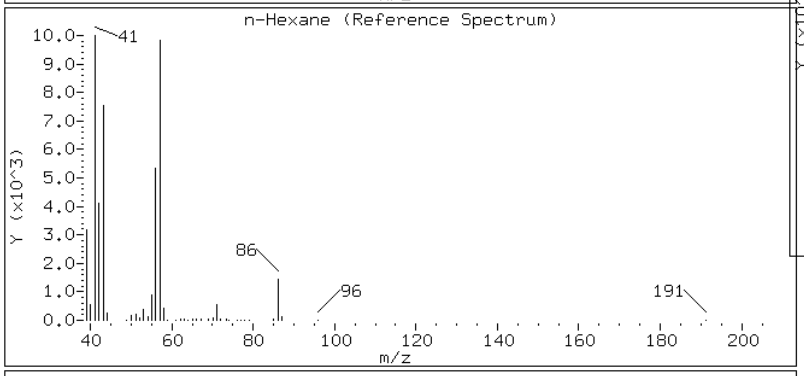
30 n-Hexane

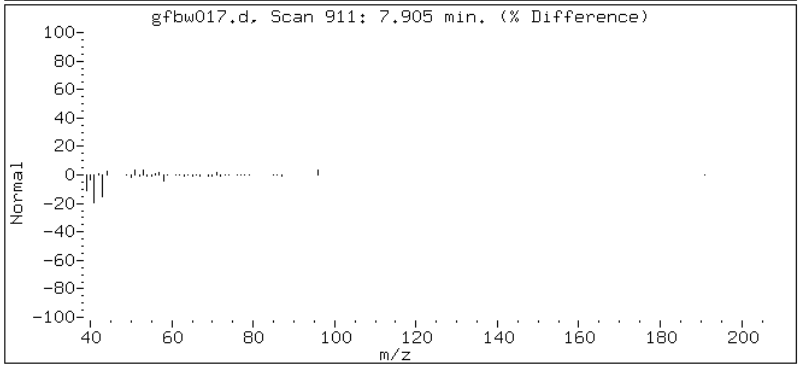












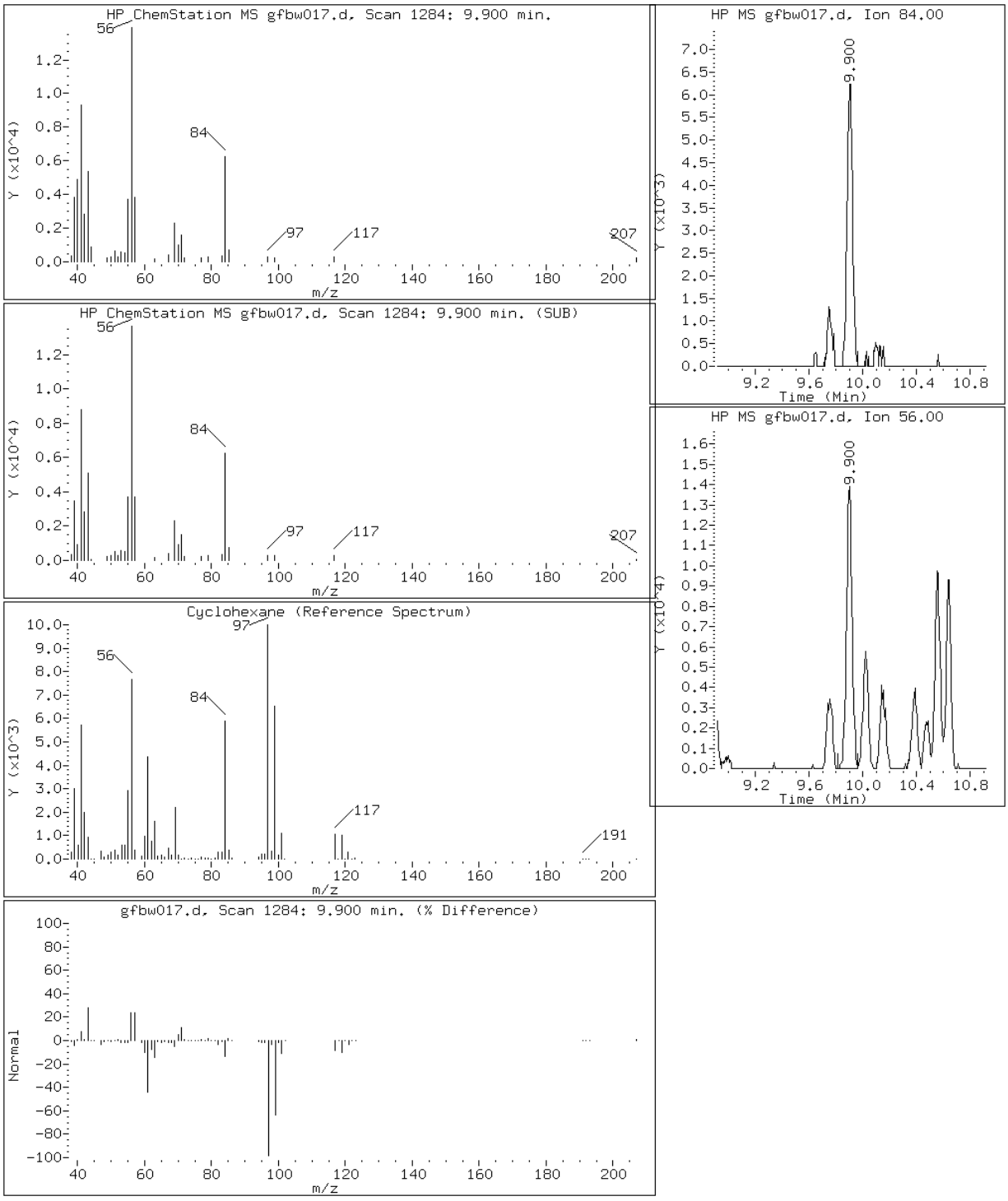
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

40 Cyclohexane



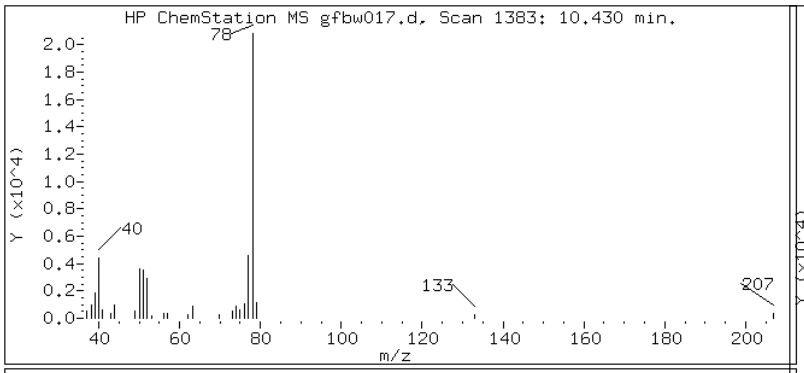
Data File: gfbw017.d

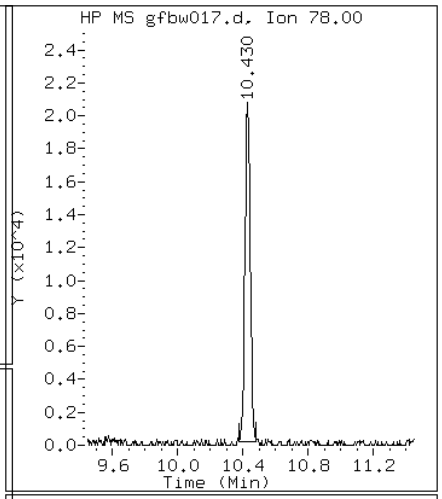
Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

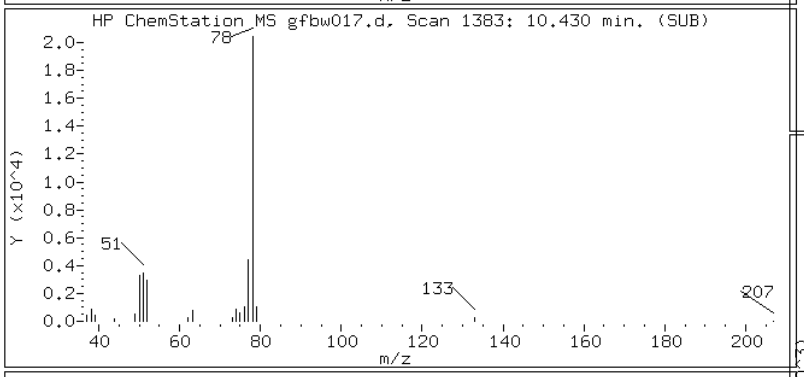
Client ID: CE-VAPOR-4 Instrument: G.i

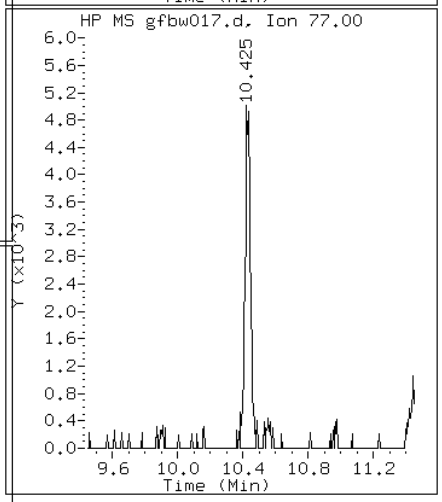
Sample Info: 220-13862-A-5 Operator: wrd

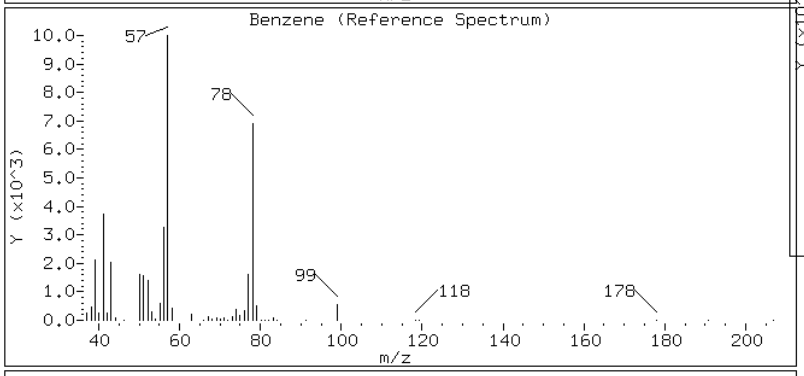
44 Benzene

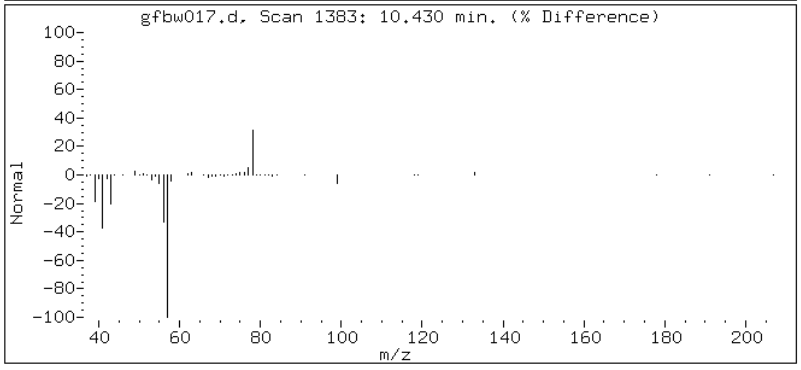












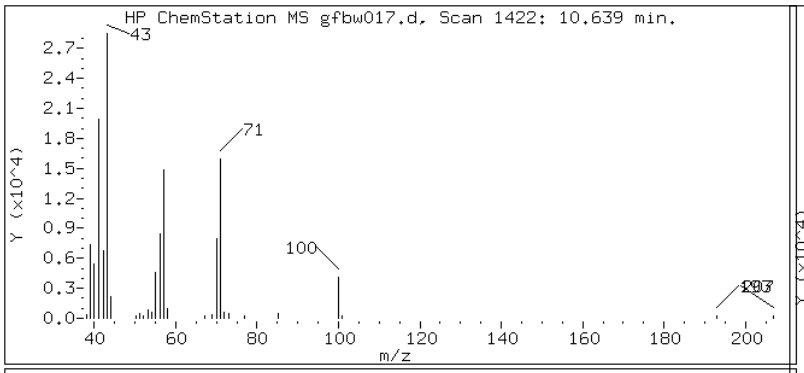
Data File: gfbw017.d

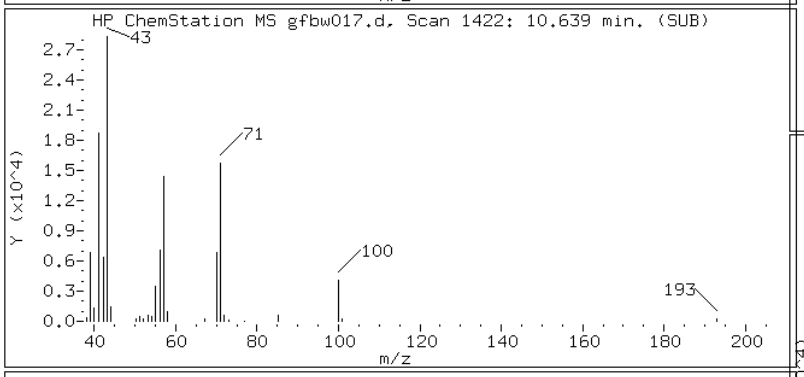
Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

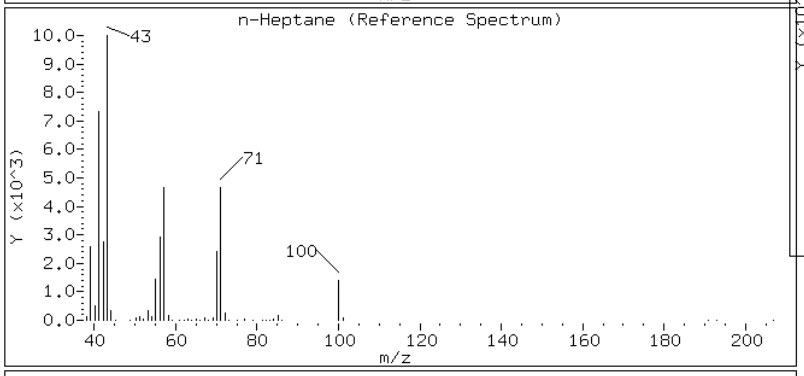
Client ID: CE-VAPOR-4 Instrument: G.i

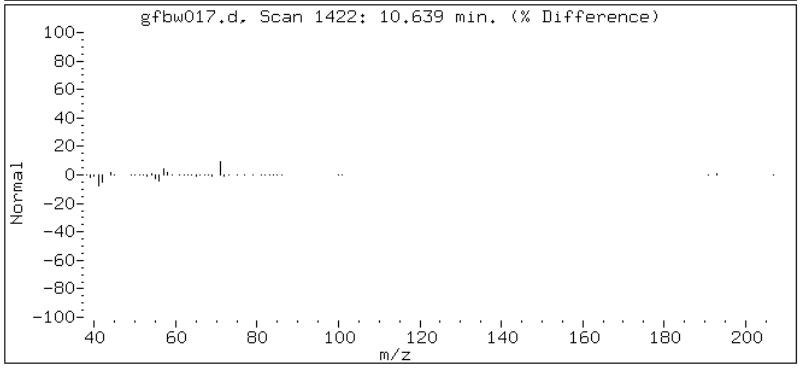
Sample Info: 220-13862-A-5 Operator: wrd

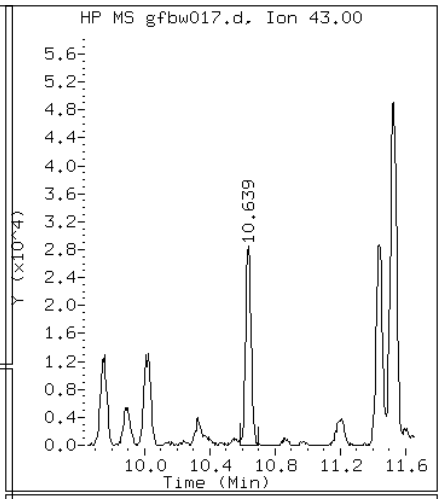
46 n-Heptane

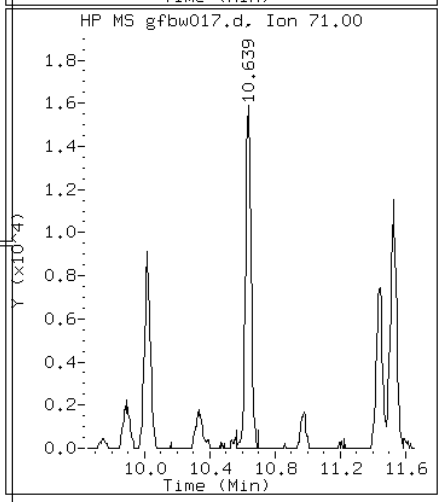












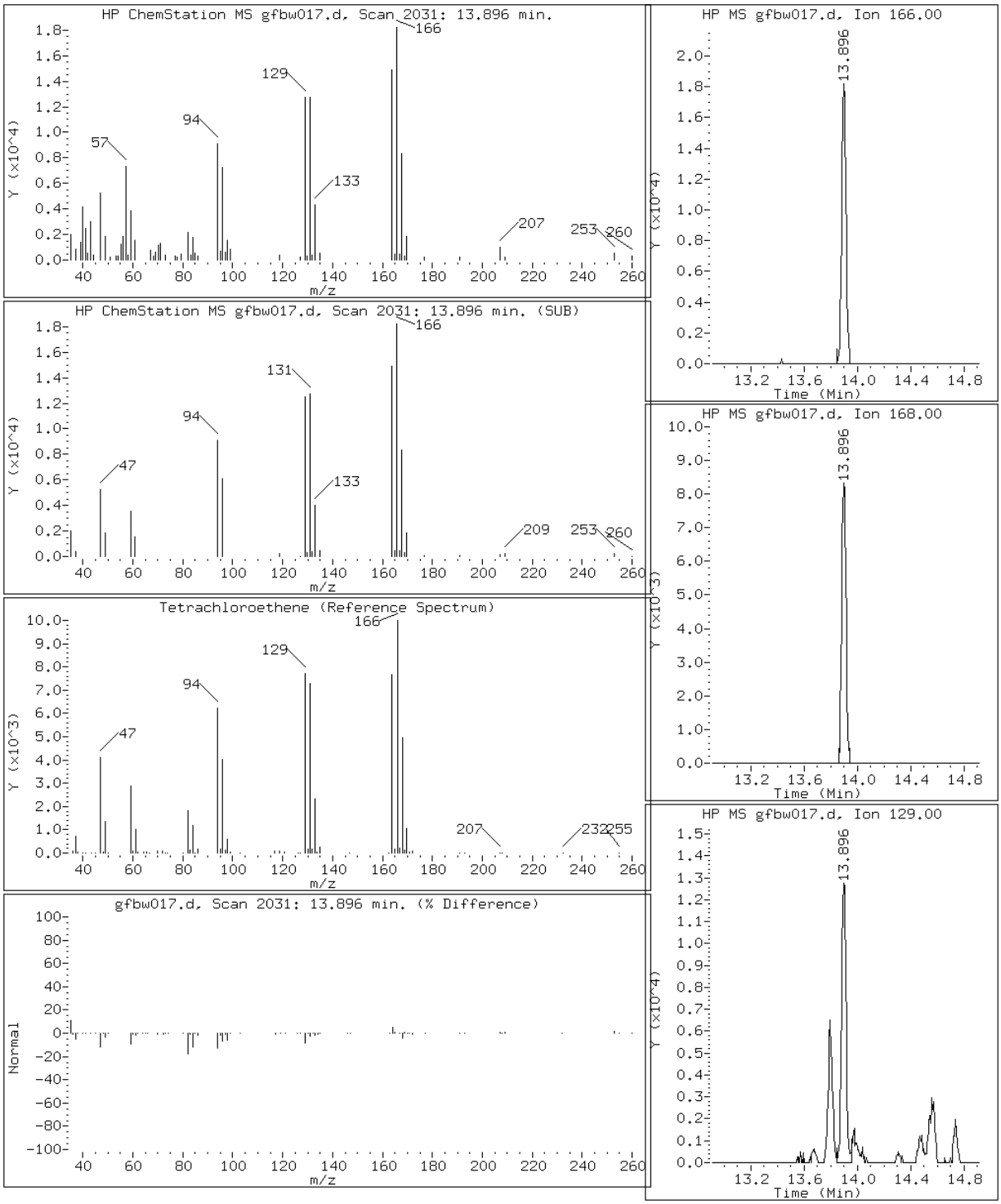
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

61 Tetrachloroethene



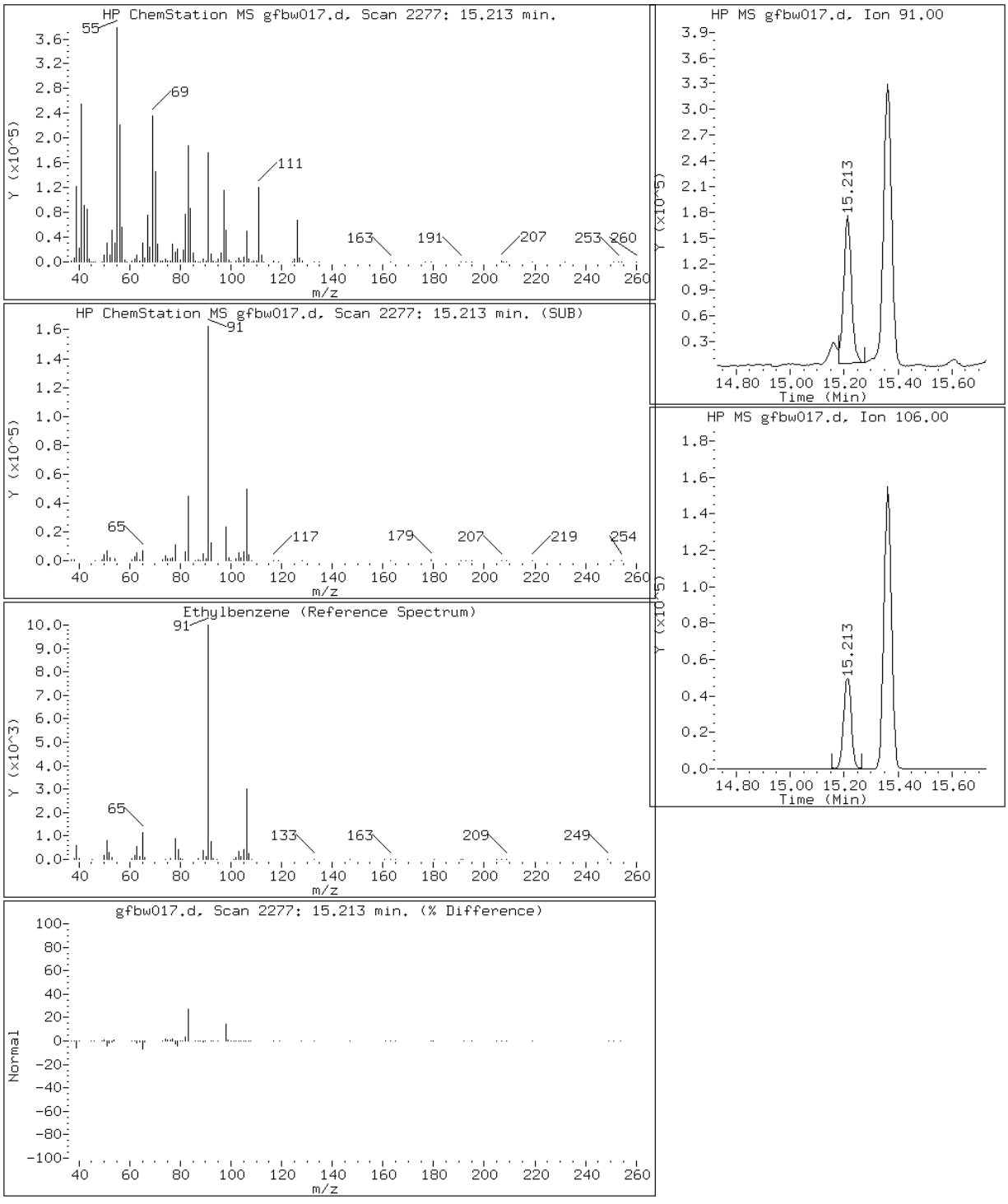
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

68 Ethylbenzene



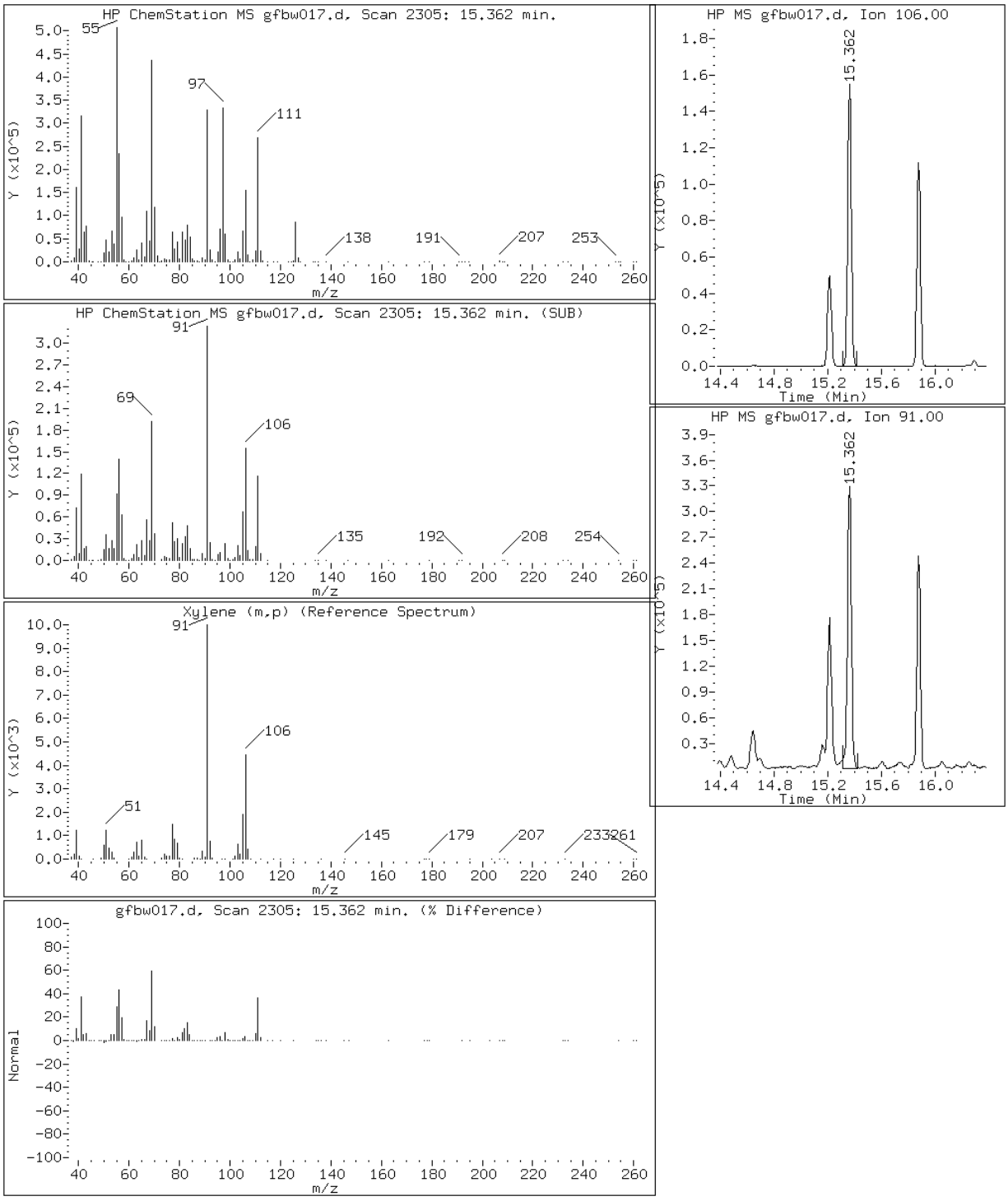
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

69 Xylene (m,p)



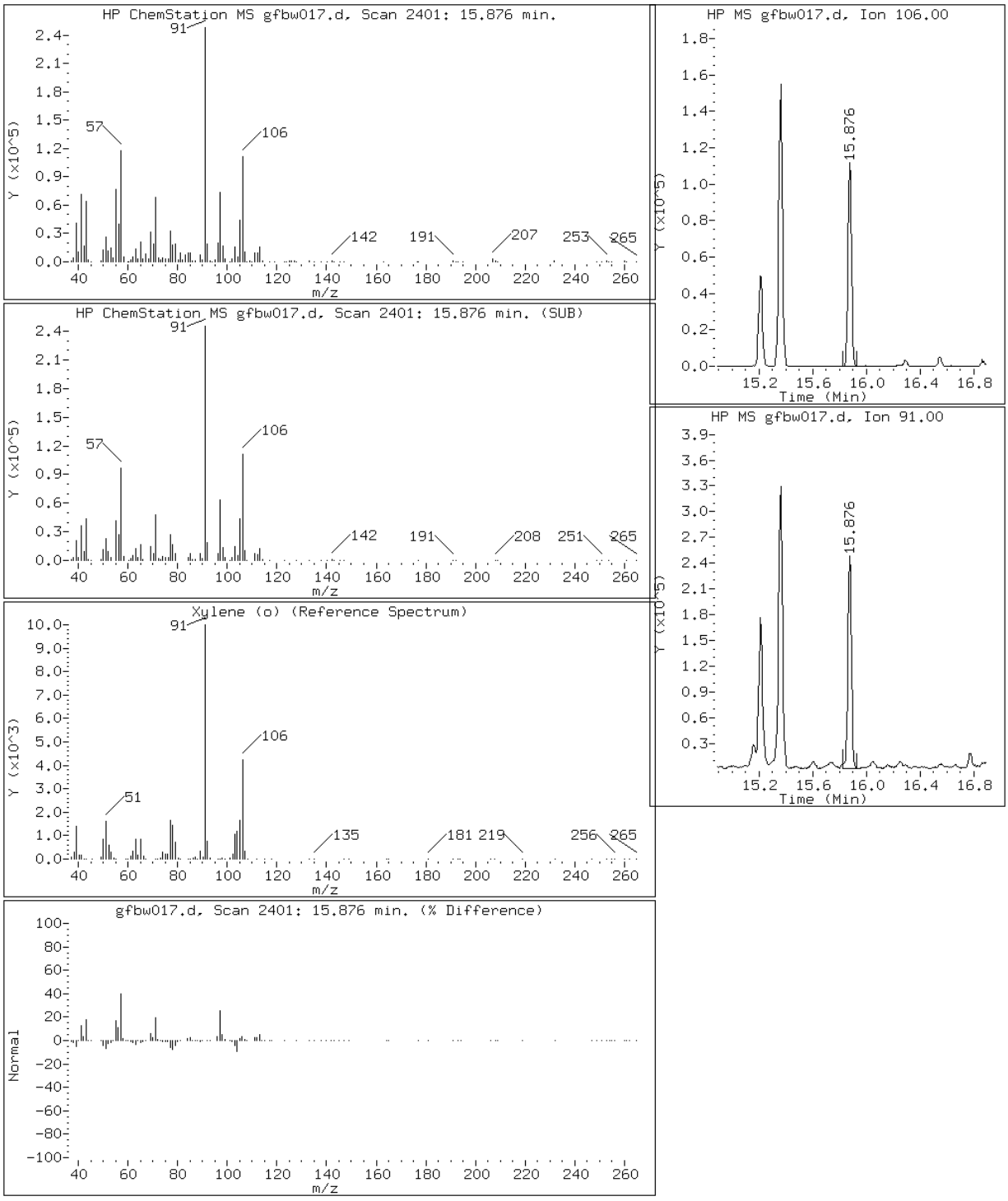
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

71 Xylene (o)



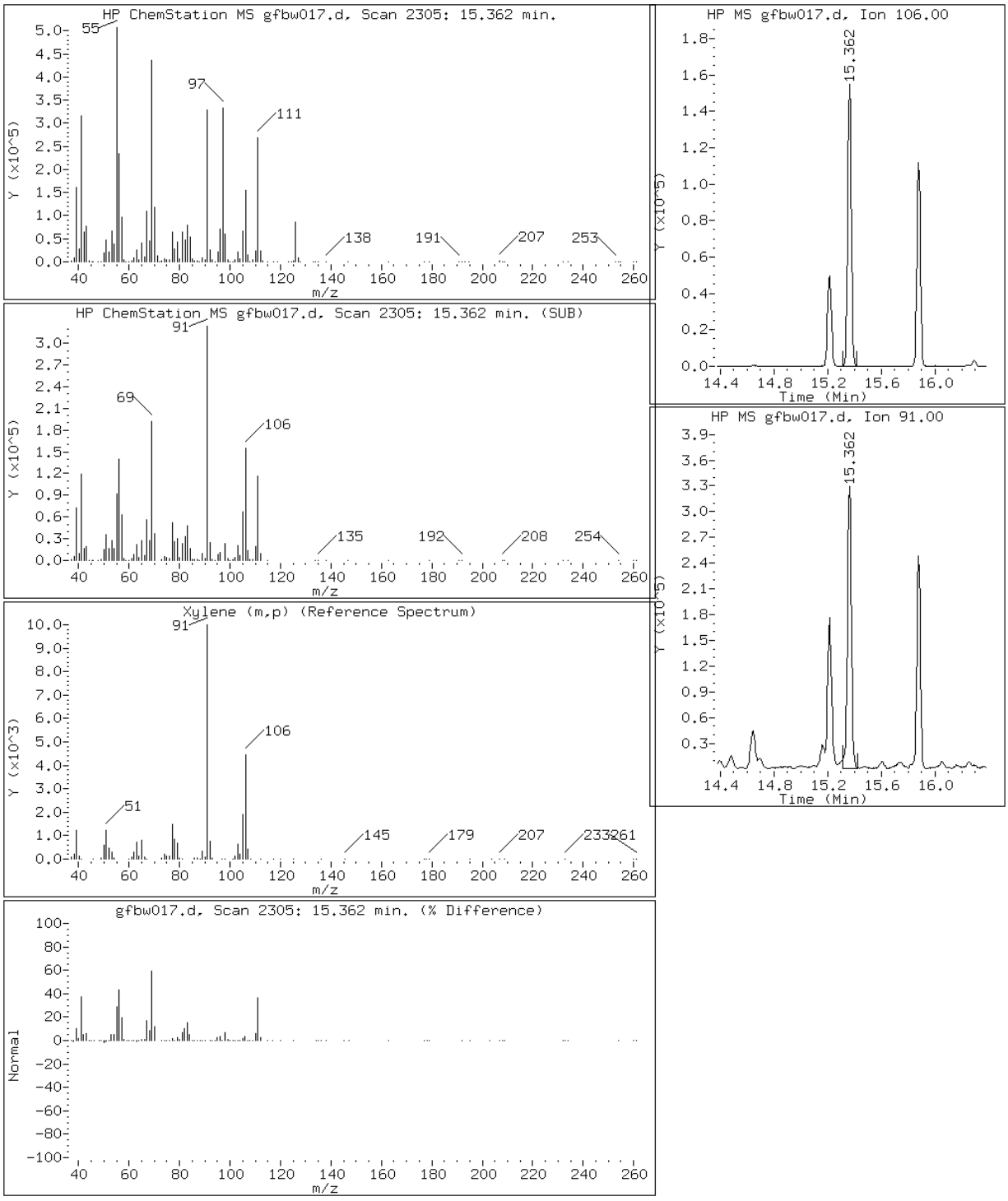
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

69 Xylene (m,p)



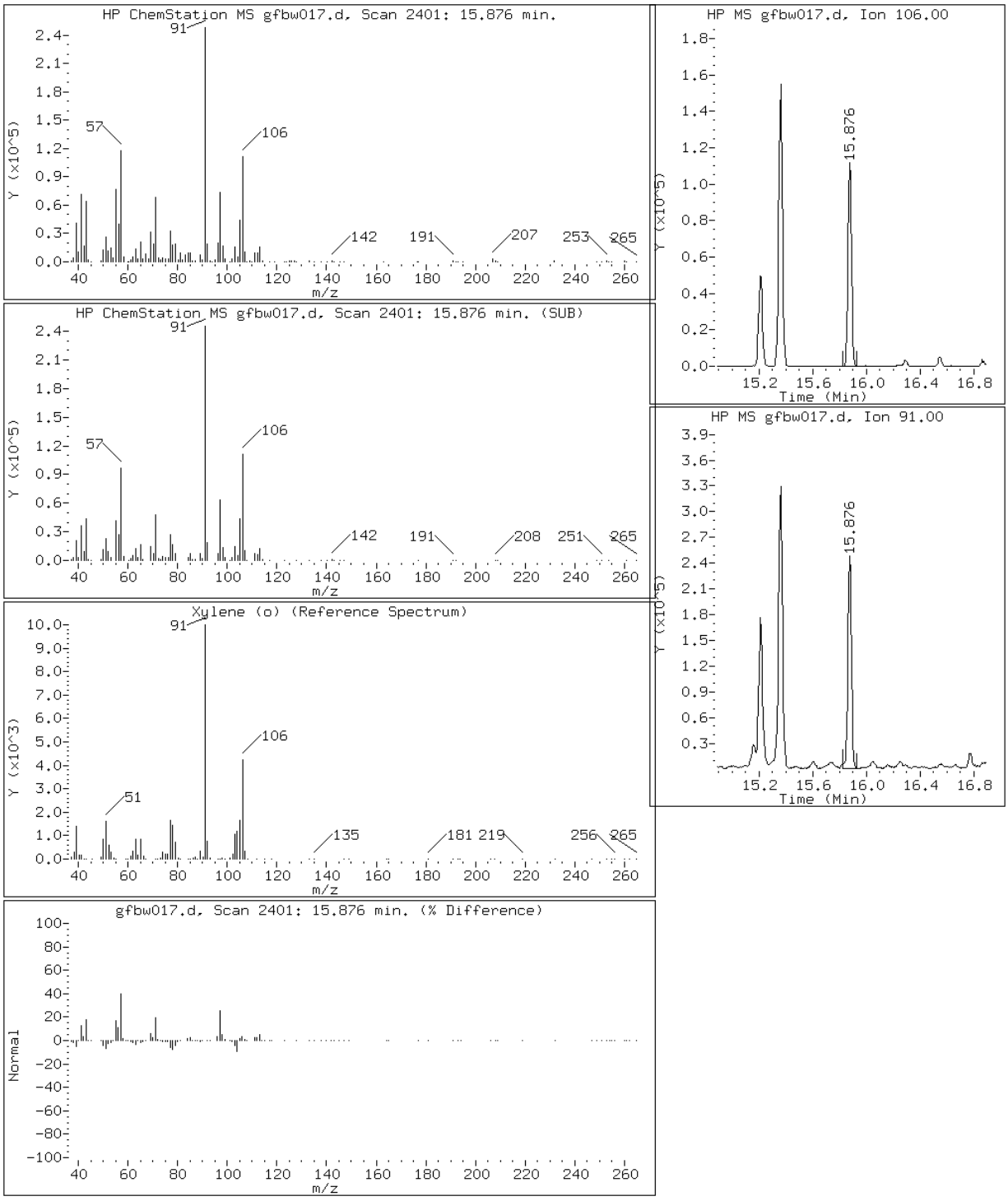
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

71 Xylene (o)



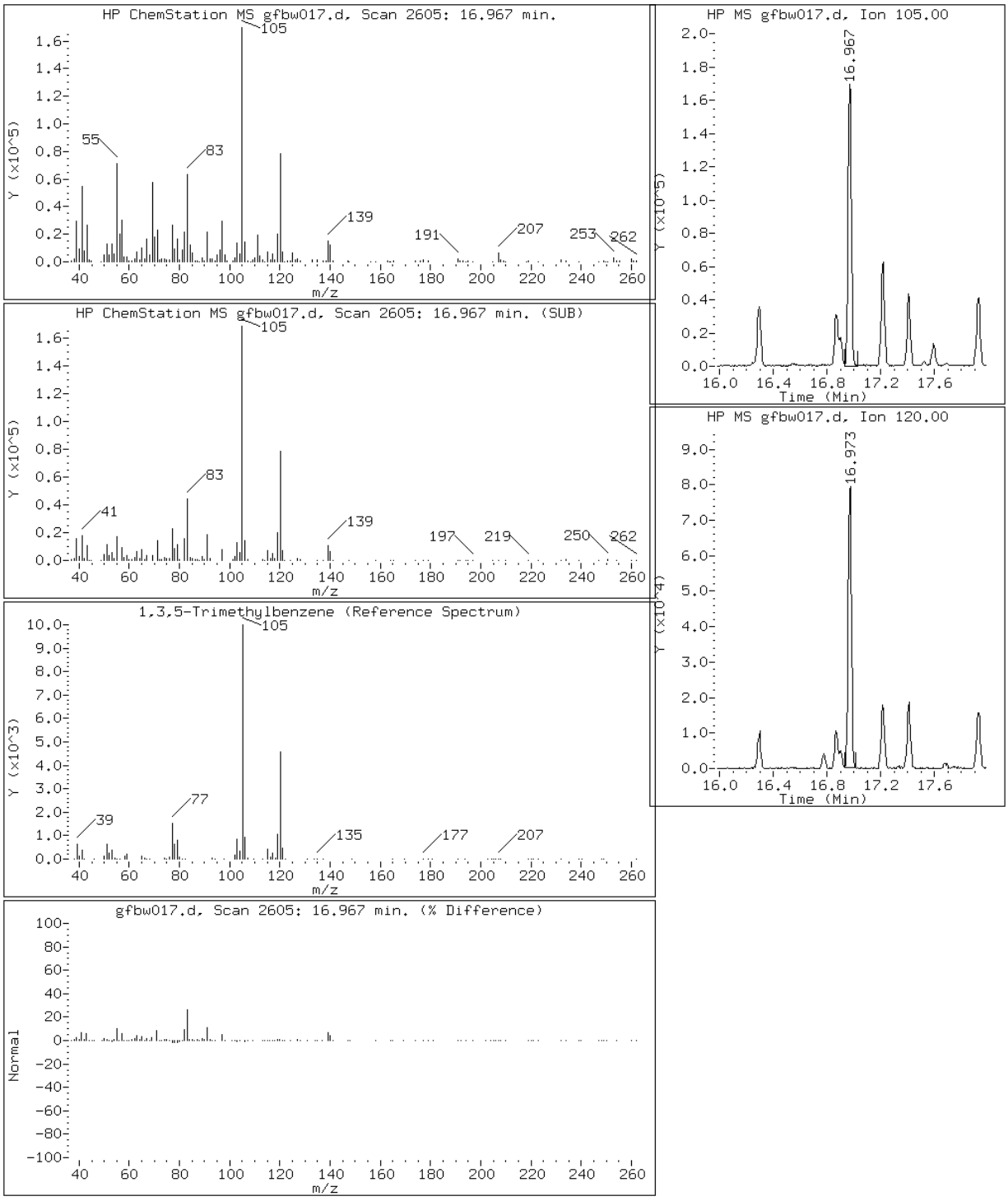
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

81 1,3,5-Trimethylbenzene



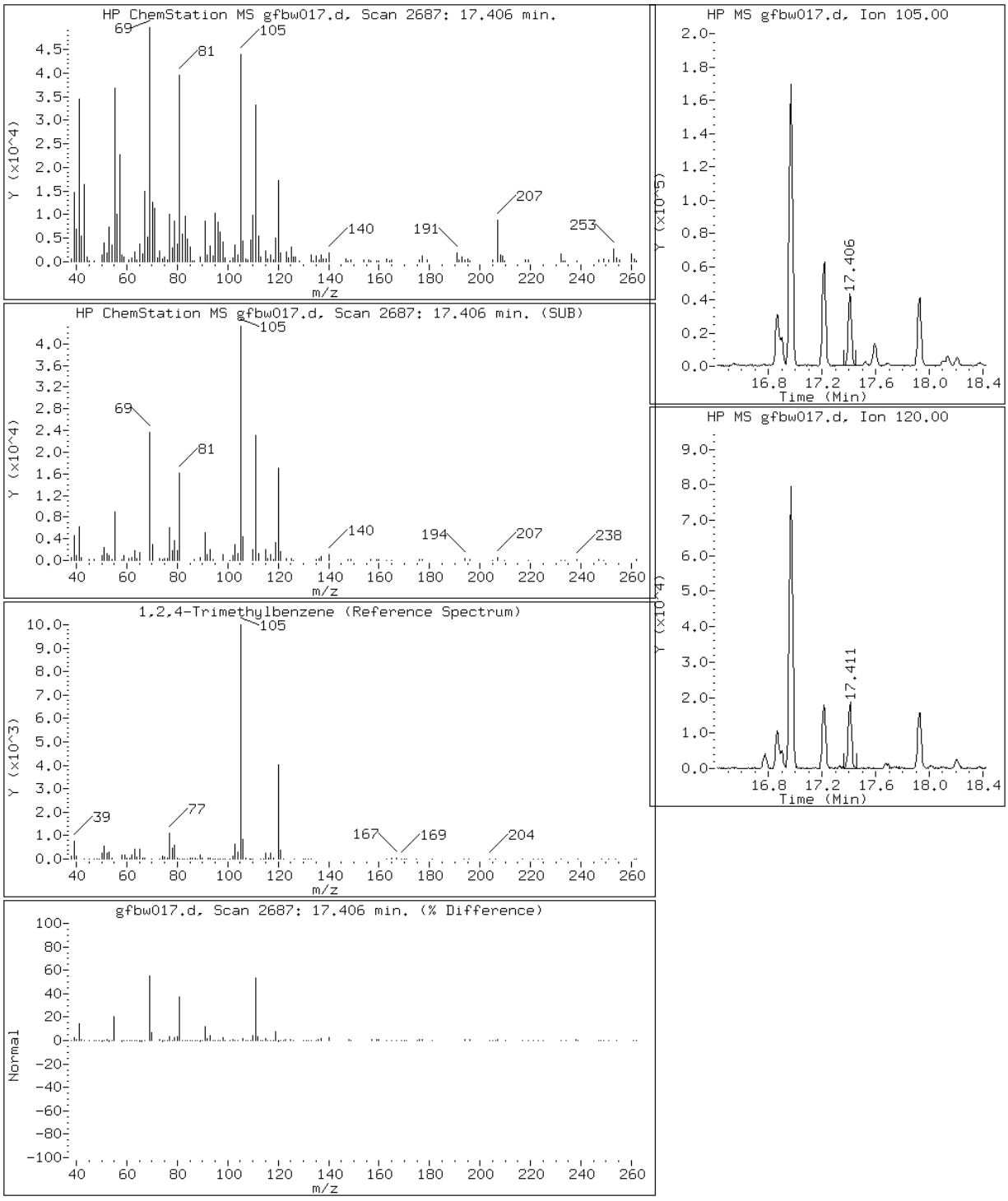
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw017.d
Lab Sample ID: 220-13862-5
Inj. Date and Time: 06-NOV-2010 02:35
Instrument ID: G.i
Client ID: CE-VAPOR-4
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 11/08/2010

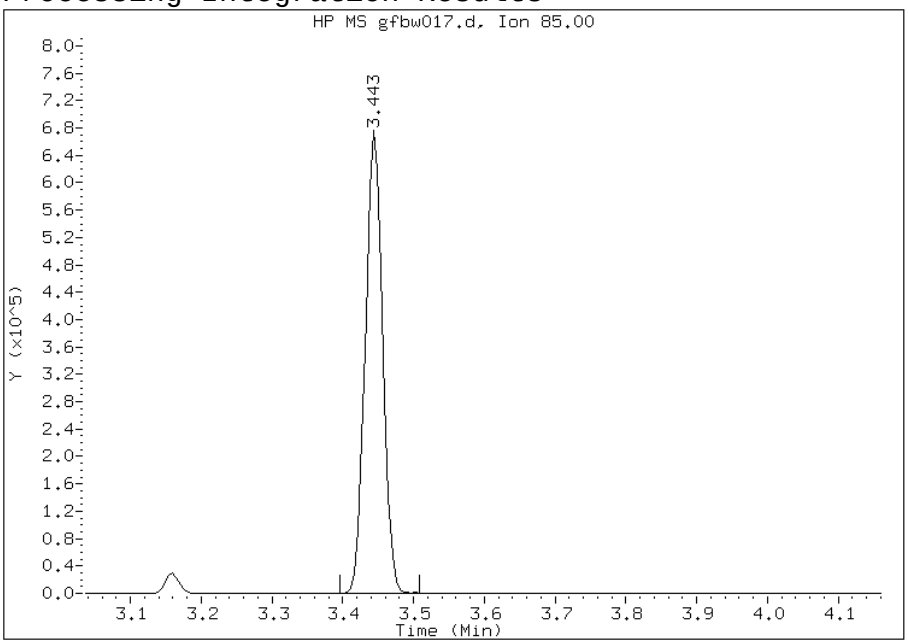
Processing Integration Results

RT: 3.44

Response: 1161174

Amount: 7.51

Conc: 15.01



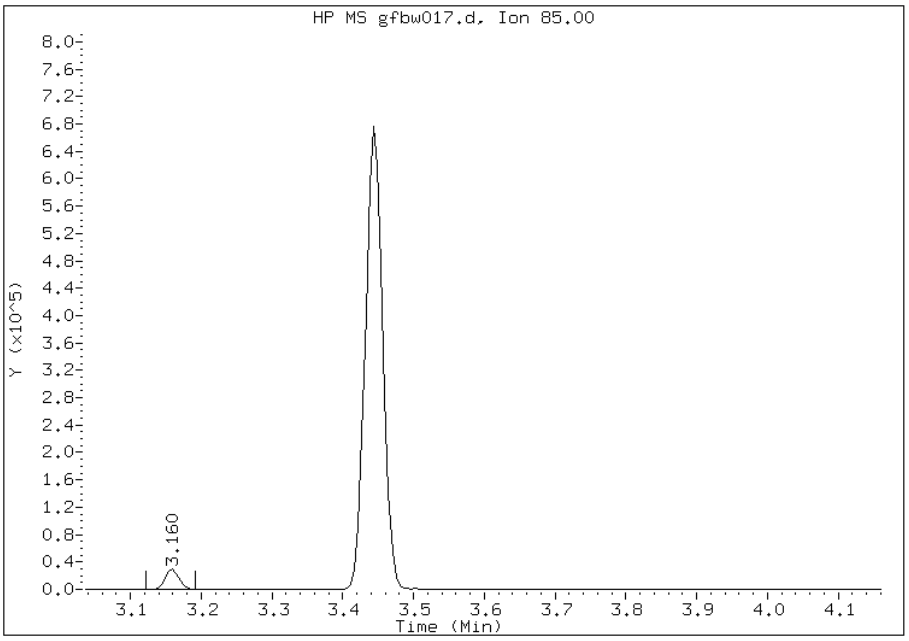
Manual Integration Results

RT: 3.16

Response: 39777

Amount: 0.257109

Conc: 0.514217



File Uploaded By: klp
Manual Integration Reason: Analyte misidentified by the data system

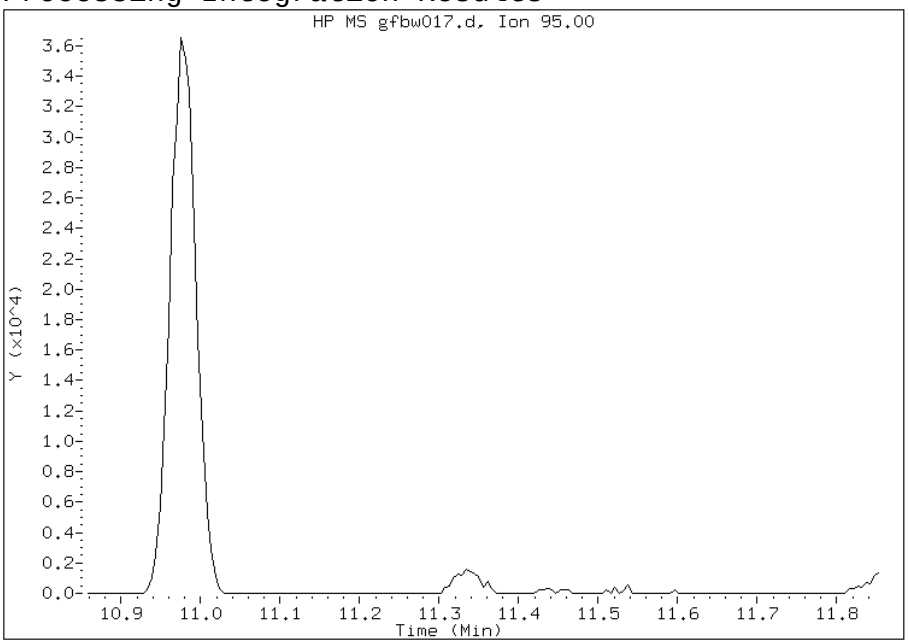
Manual Integration Report

Data File: gfbw017.d
Lab Sample ID: 220-13862-5
Inj. Date and Time: 06-NOV-2010 02:35
Instrument ID: G.i
Client ID: CE-VAPOR-4
Compound: 49 Trichloroethene
CAS #: 79-01-6
Report Date: 11/08/2010

Processing Integration Results

Not Detected

Expected RT: 11.36



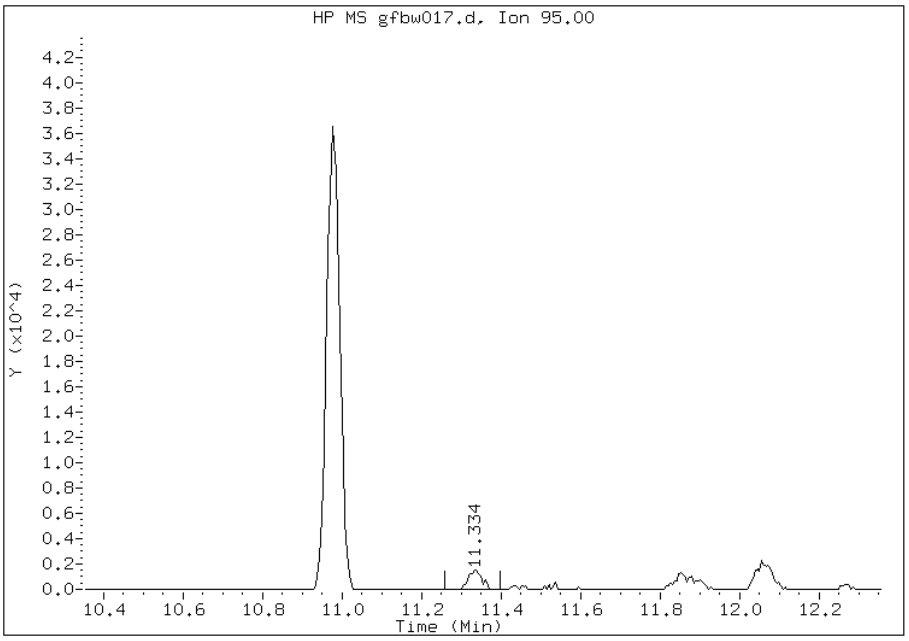
Manual Integration Results

RT: 11.33

Response: 3609

Amount: 0.048626

Conc: 0.097253



File Uploaded By: klp
Manual Integration Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	1.1		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	9.4		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.64		0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.28		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.95		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.92		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.29		0.20	0.015
142-82-5	n-Heptane	100.21	0.22		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.72		0.50	0.064
108-88-3	Toluene	92.14	2.5		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.37		0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.95		0.50	0.023
95-47-6	Xylene, o-	106.17	0.22		0.20	0.050
1330-20-7	Xylene (total)	106.17	1.2		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	2.3		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	22		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	2.0		1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	1.0		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	2.8		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	2.9		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	1.2		0.81	0.061
142-82-5	n-Heptane	100.21	0.89		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.9		2.0	0.26
108-88-3	Toluene	92.14	9.6		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	1.6		0.87	0.061
179601-23-1	m,p-Xylene	106.17	4.1		2.2	0.10
95-47-6	Xylene, o-	106.17	0.96		0.87	0.22
1330-20-7	Xylene (total)	106.17	5.1		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-6
Client Smp ID: CE-VAPOR-5
Inj Date : 06-NOV-2010 03:24
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-6
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 08-Nov-2010 10:05 klp Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	74680	0.48935	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	31143	1.12894	1.1
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	2017	0.08805	0.088(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.187	5.187	(0.542)	41760	0.26020	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.646)	8314	0.08437	0.084(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	552216	9.35994	9.4
21 Carbon disulfide	76	6.648	6.658	(0.694)	83390	0.64386	0.64
22 Isopropanol	45	6.616	6.621	(0.691)	98903	2.43915	2.4(aM)
23 Allyl chloride	41	Compound Not Detected.					

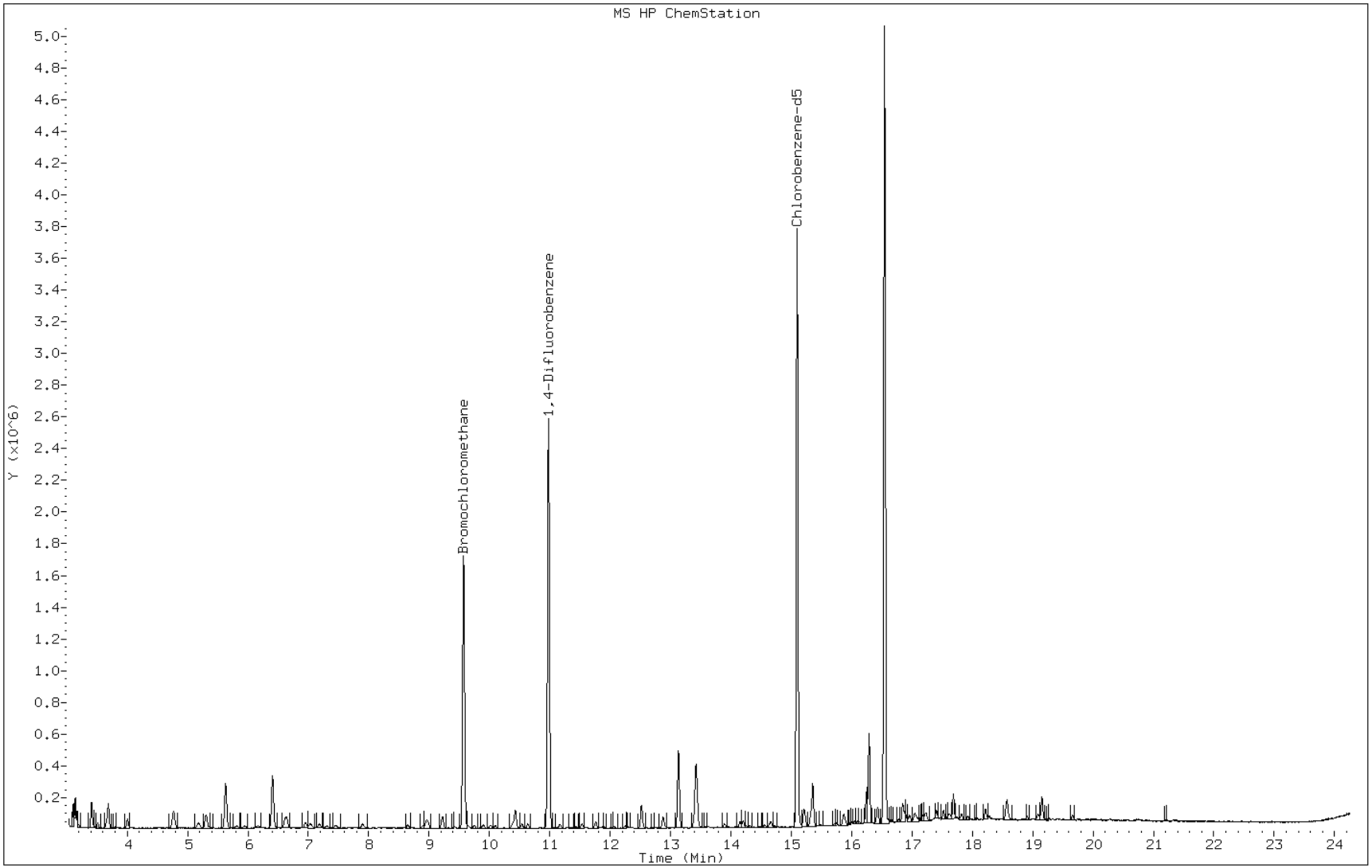
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
25	Methylene chloride	49	7.177	7.199	(0.750)	15500	0.32874	0.33(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	7.900	7.910	(0.825)	16372	0.28386	0.28
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	16666	0.95199	0.95(Q)
* 37	Bromochloromethane	128	9.574	9.595	(1.000)	545450	10.0000	(Q)
38	Tetrahydrofuran	42	9.595	9.601	(0.874)	42078	1.25948	1.3(a)
39	Chloroform	83	9.649	9.665	(1.008)	9406	0.08388	0.084(a)
40	Cyclohexane	84	9.895	9.916	(0.901)	9316	0.17055	0.17(aQ)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	10.093	10.114	(0.919)	12927	0.09060	0.091(a)
43	2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	34437	0.19234	0.19(a)
44	Benzene	78	10.430	10.451	(0.950)	122543	0.91664	0.92
45	1,2-Dichloroethane	62	10.537	10.558	(0.960)	22530	0.29227	0.29
46	n-Heptane	43	10.644	10.655	(0.969)	14158	0.21829	0.22
* 47	1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2538644	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	12.869	12.891	(1.172)	55471	0.71541	0.72
58	Toluene	92	13.132	13.153	(0.870)	246908	2.53801	2.5
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	13.897	13.913	(0.921)	9721	0.09013	0.090(a)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.095	15.116	(1.000)	2466323	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	15.207	15.229	(1.007)	82411	0.37443	0.37
69	Xylene (m,p)	106	15.357	15.378	(1.017)	79463	0.95076	0.95
M 70	Xylenes, Total	106				98009	1.17217	1.2
71	Xylene (o)	106	15.871	15.892	(1.051)	18546	0.22141	0.22
72	Styrene	104	15.897	15.919	(1.053)	16942	0.13647	0.14(a)
73	Bromoform	173	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79	4-Ethyltoluene	105	16.898	16.914	(1.119)	10212	0.04025	0.040(aM)
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	9487	0.04360	0.044(aM)
84	1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	31054	0.14420	0.14(a)
87	1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw018.d	Date:	06-NOV-2010 03:24
Client ID:	CE-VAPOR-5	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-6		
Lab Sample ID:	220-13862-6		



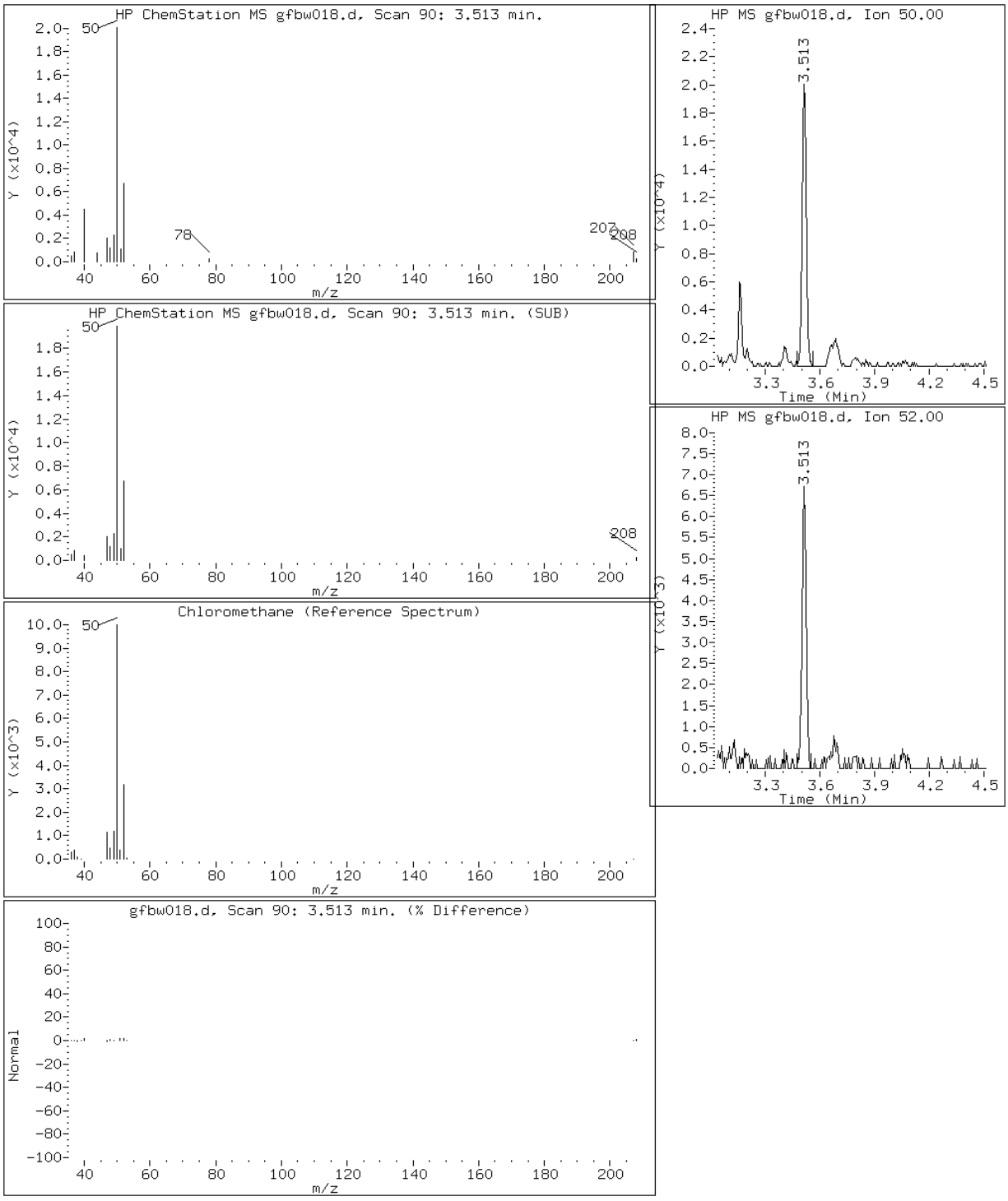
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

5 Chloromethane



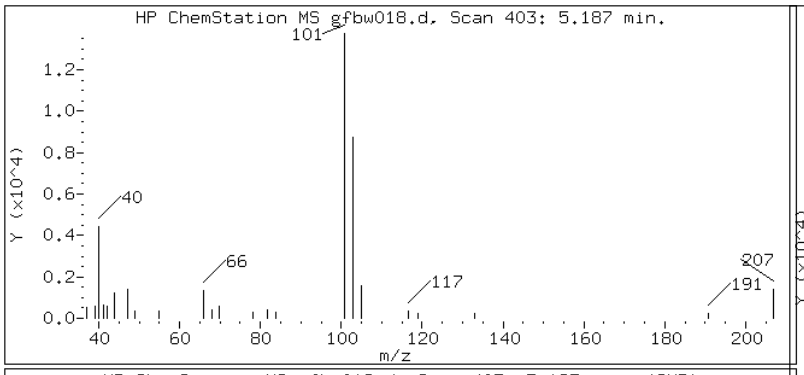
Data File: gfbw018.d

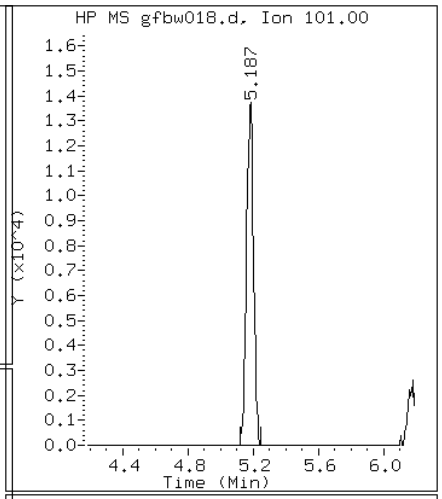
Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

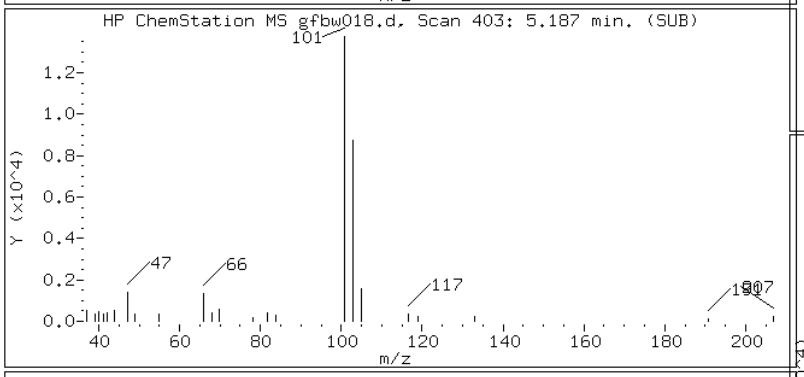
Client ID: CE-VAPOR-5 Instrument: G.i

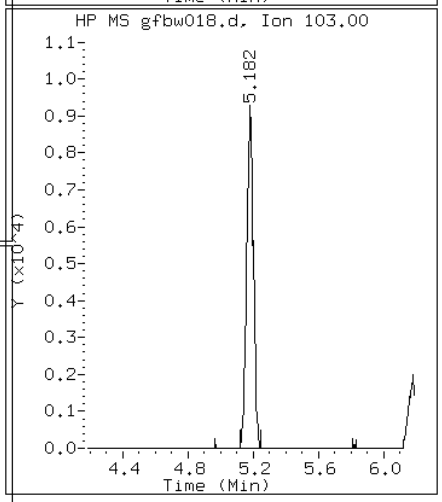
Sample Info: 220-13862-A-6 Operator: wrd

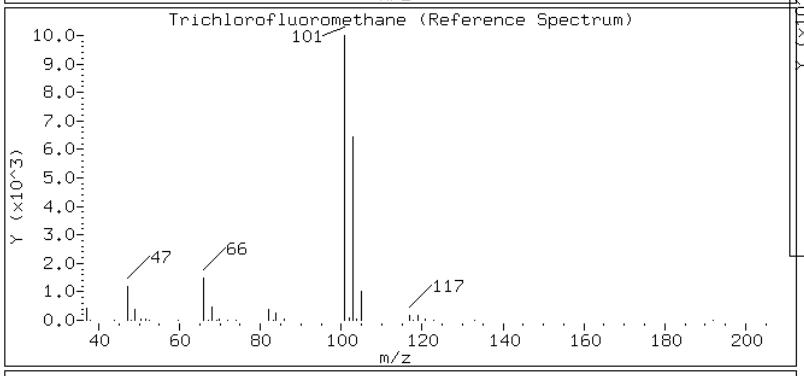
13 Trichlorofluoromethane

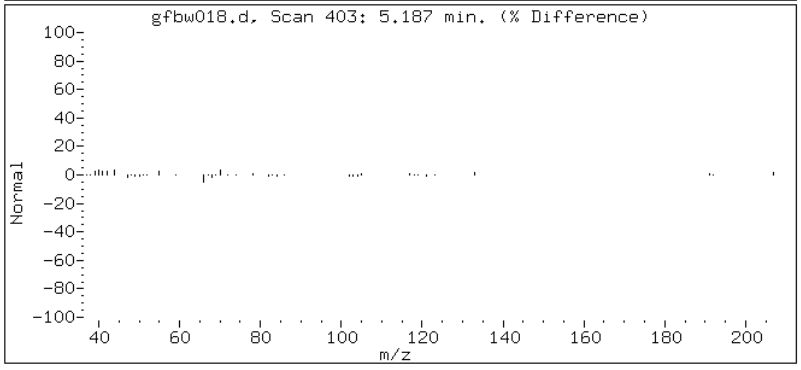












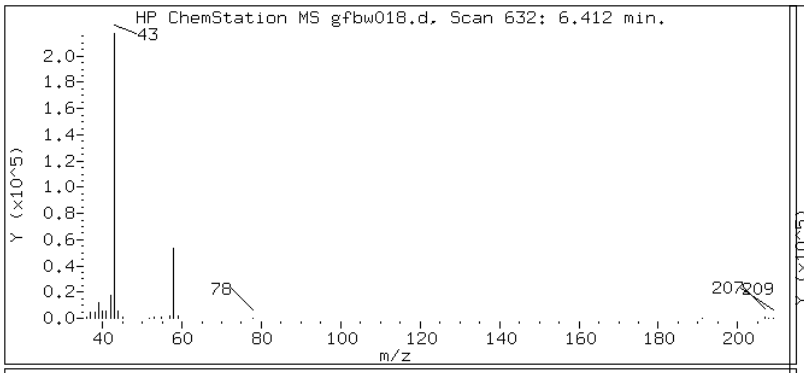
Data File: gfbw018.d

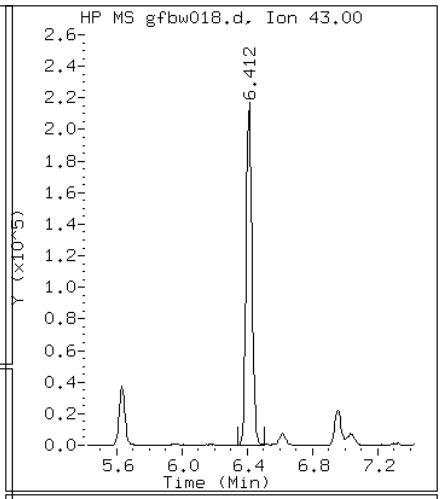
Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

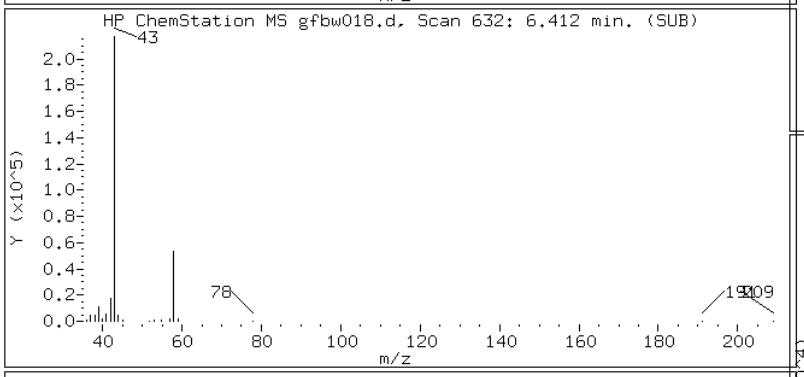
Client ID: CE-VAPOR-5 Instrument: G.i

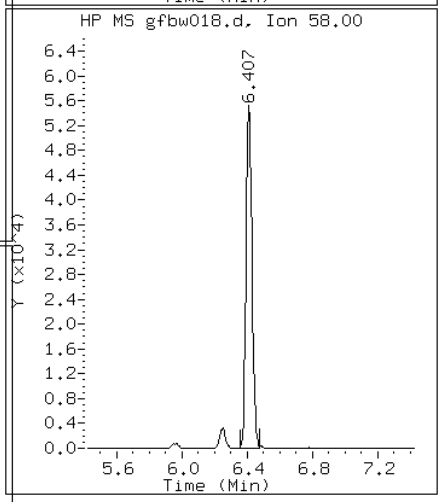
Sample Info: 220-13862-A-6 Operator: wrd

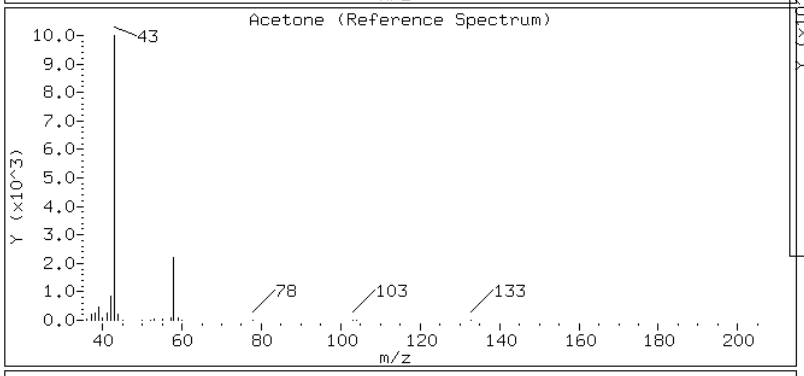
20 Acetone

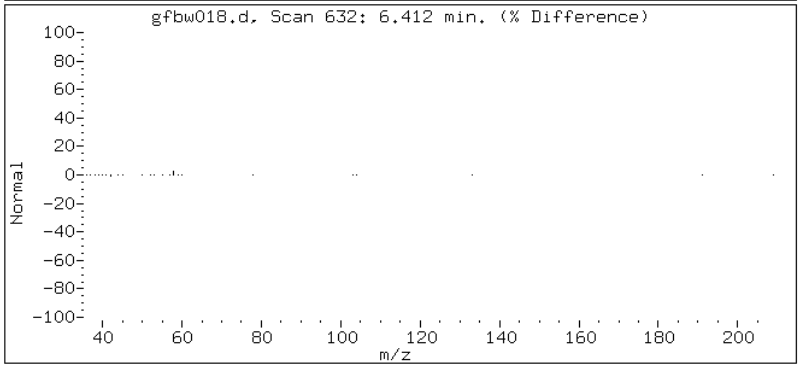












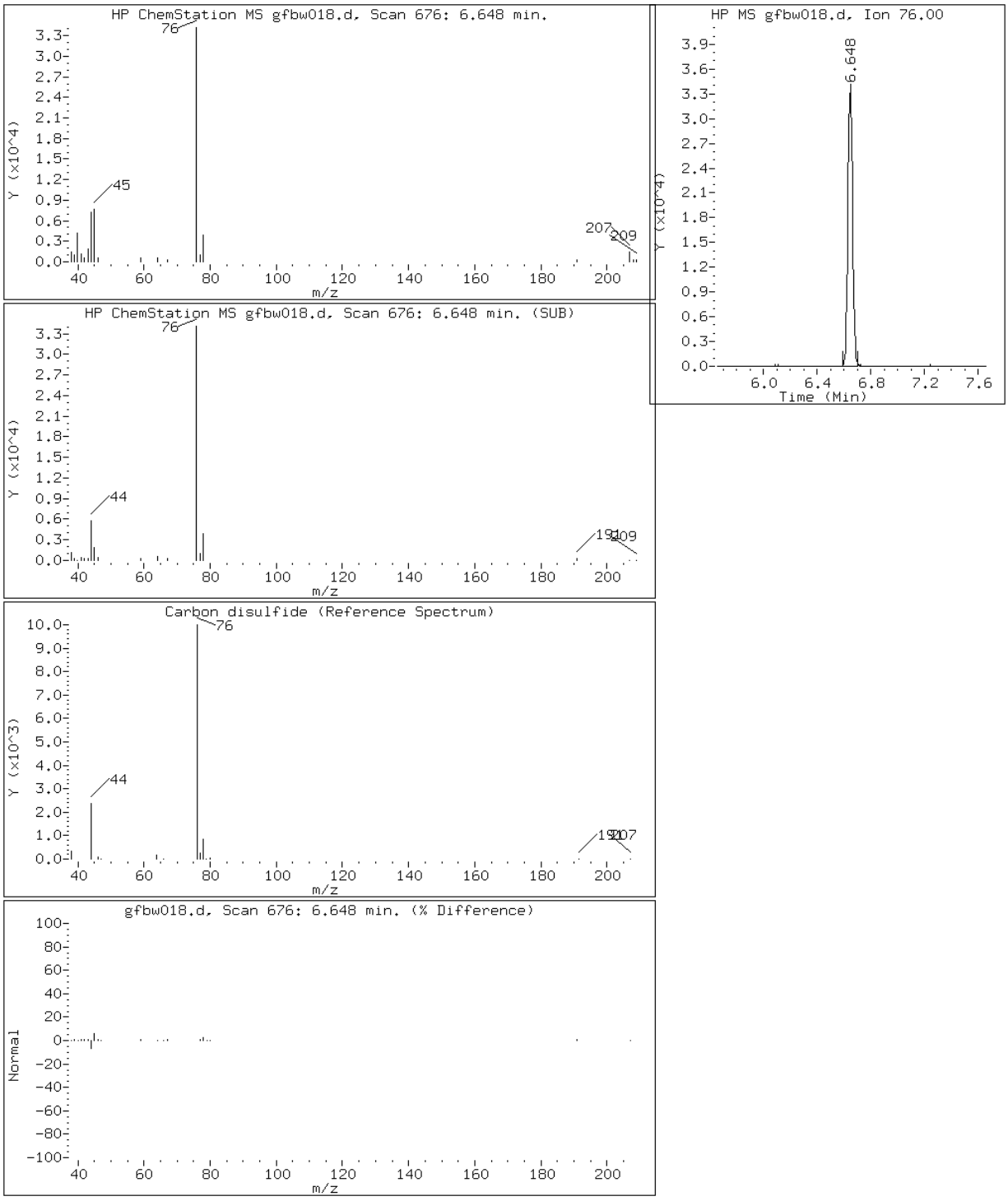
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

21 Carbon disulfide



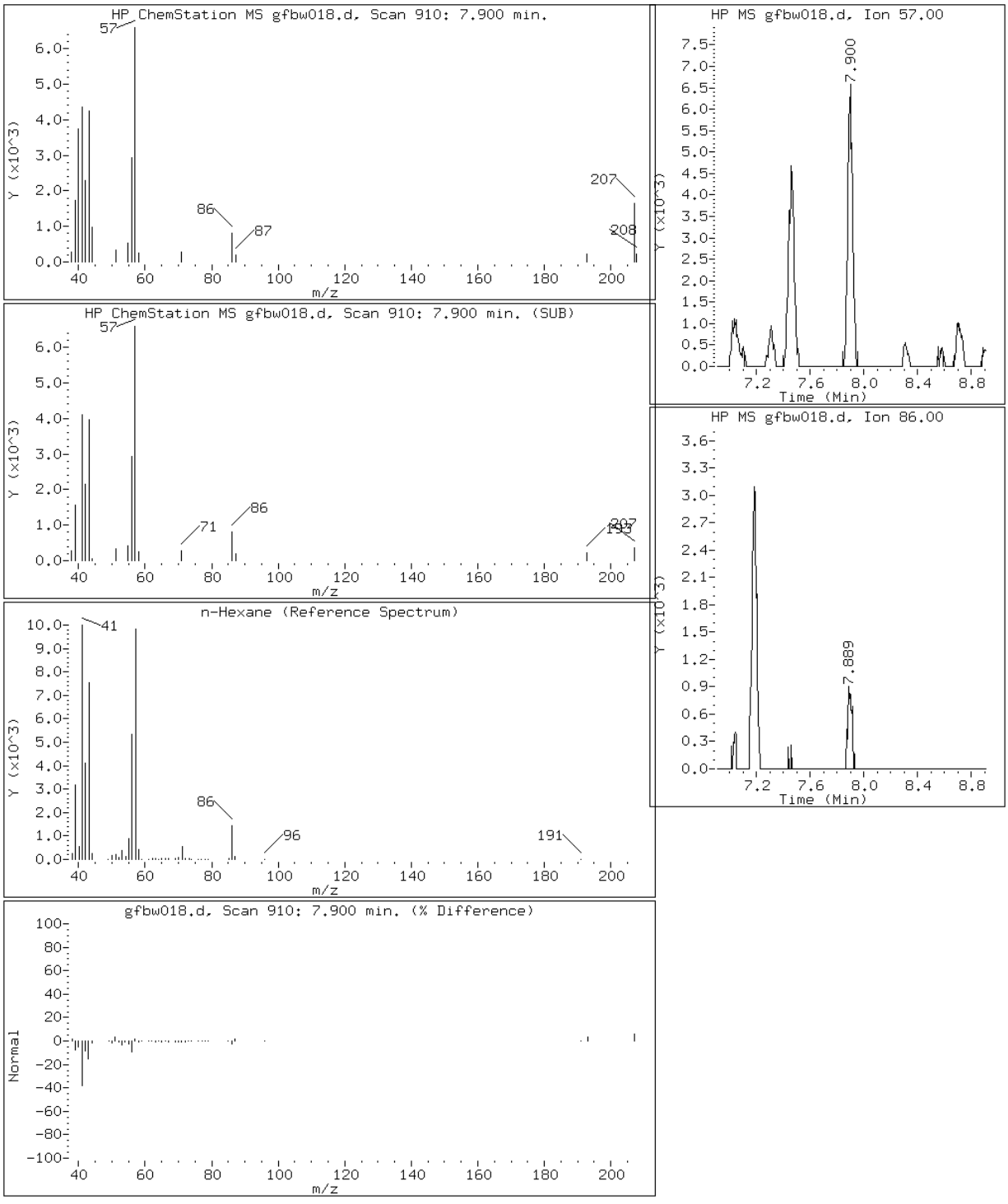
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

30 n-Hexane



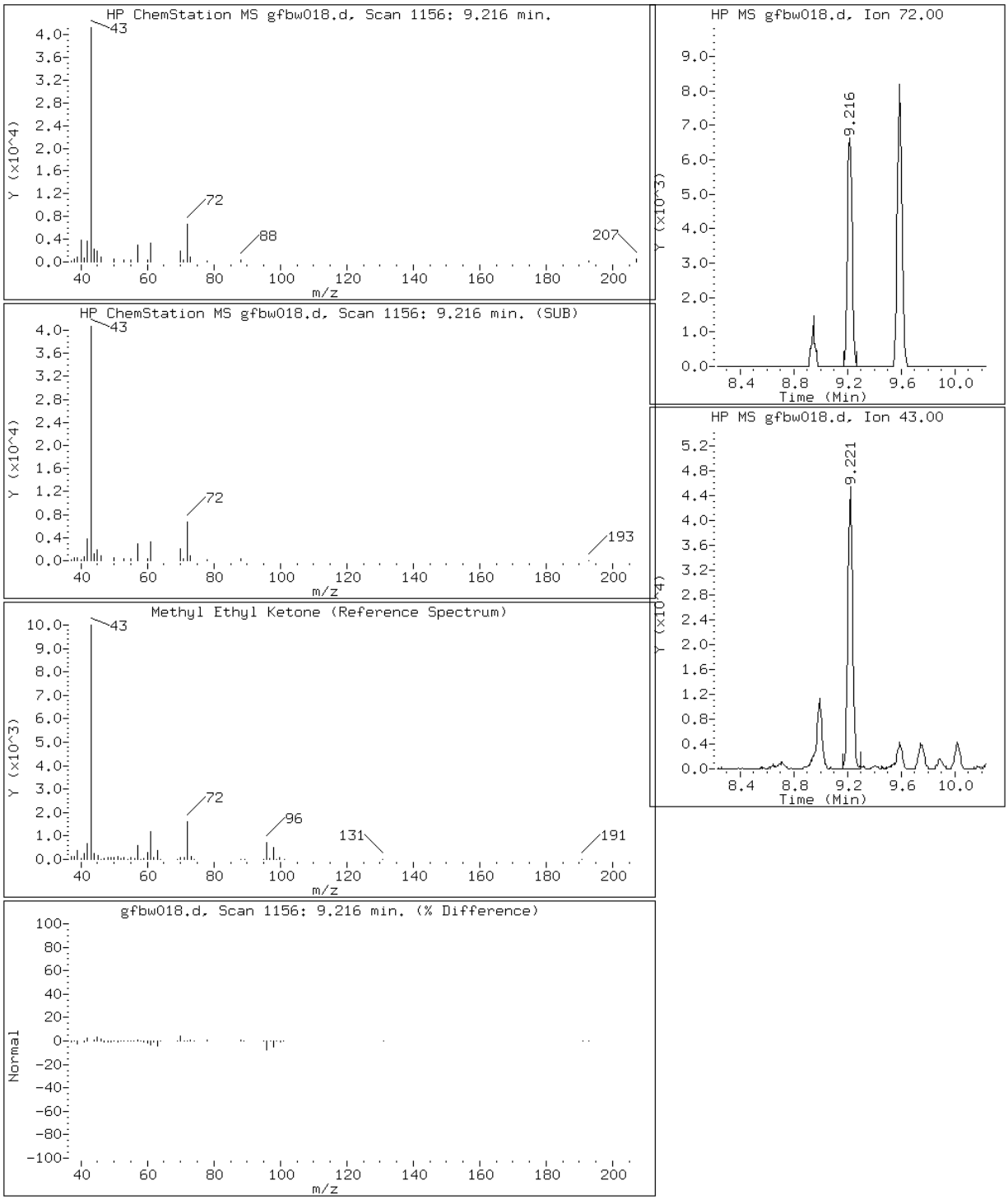
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

36 Methyl Ethyl Ketone



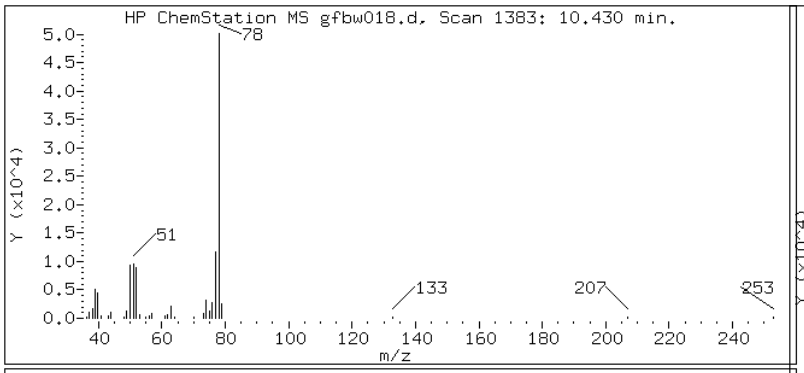
Data File: gfbw018.d

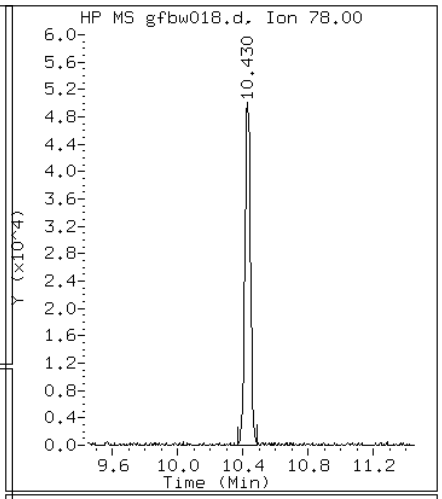
Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

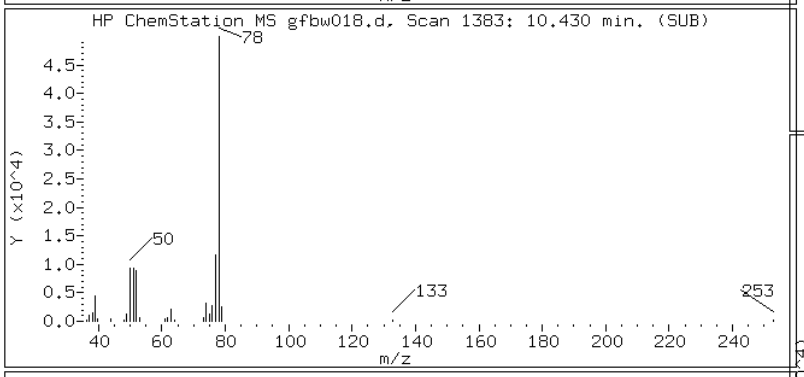
Client ID: CE-VAPOR-5 Instrument: G.i

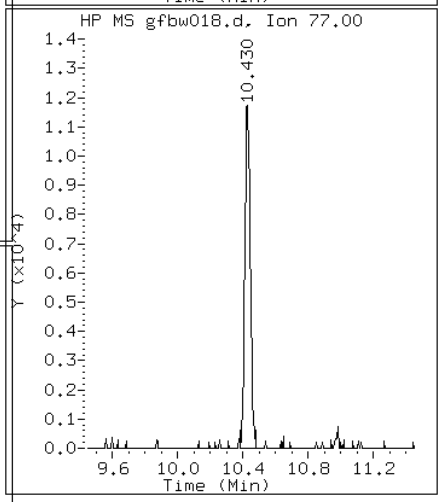
Sample Info: 220-13862-A-6 Operator: wrd

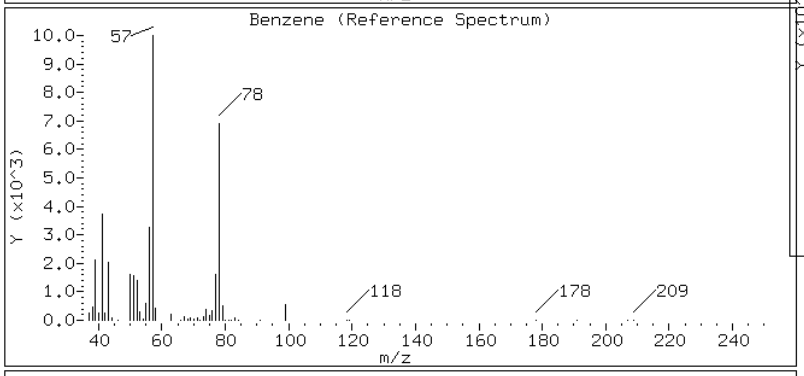
44 Benzene

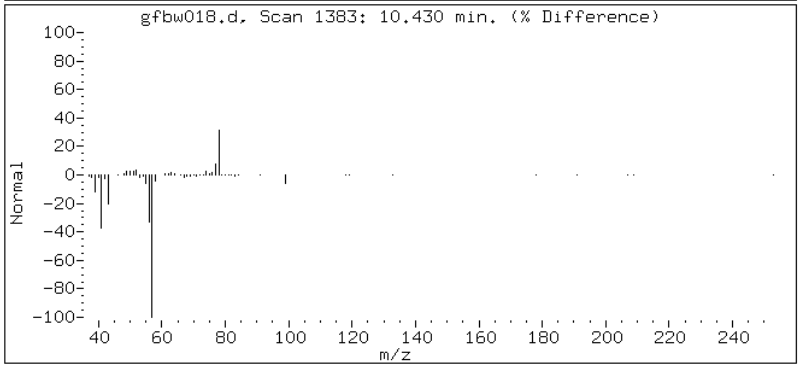












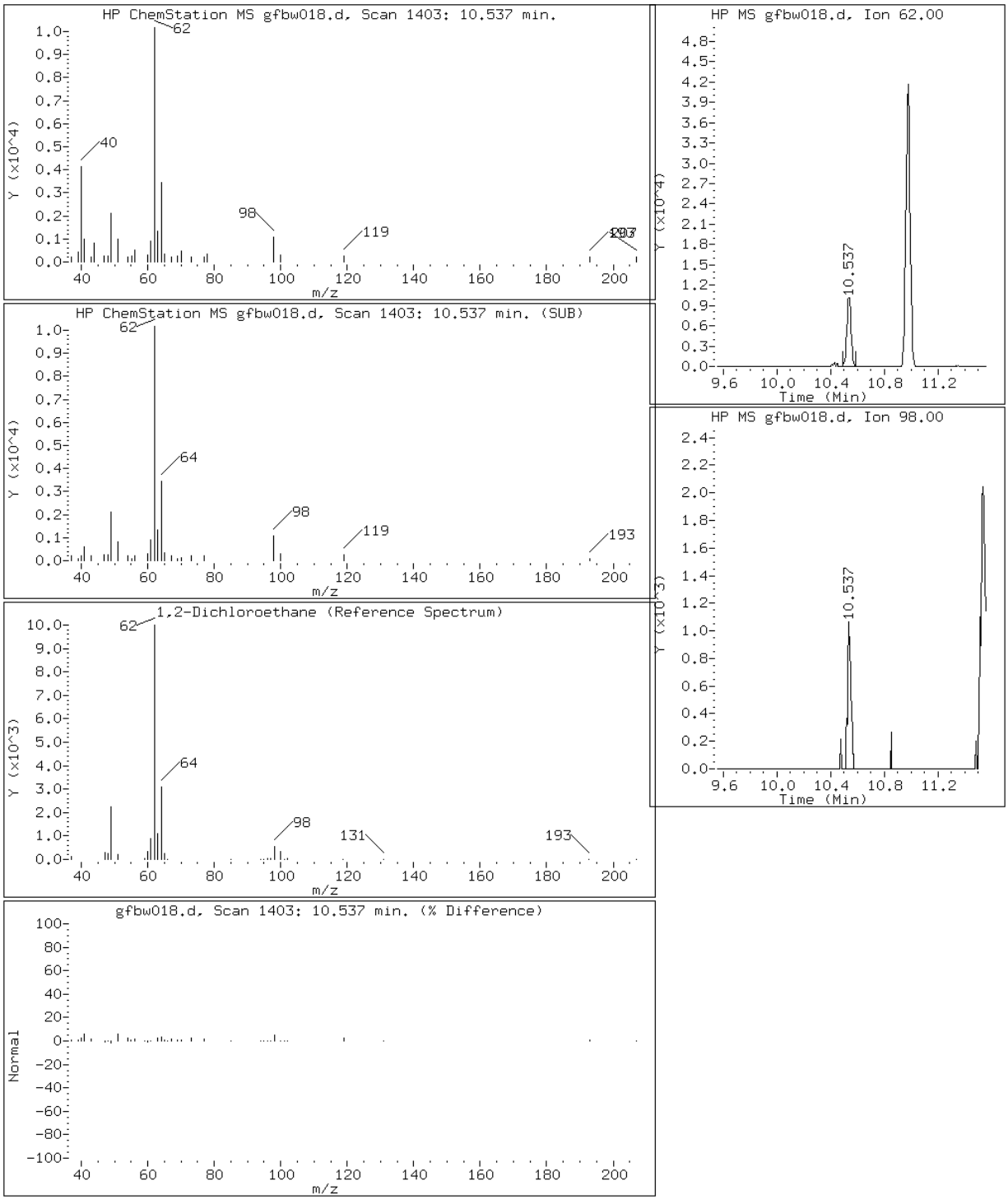
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

45 1,2-Dichloroethane



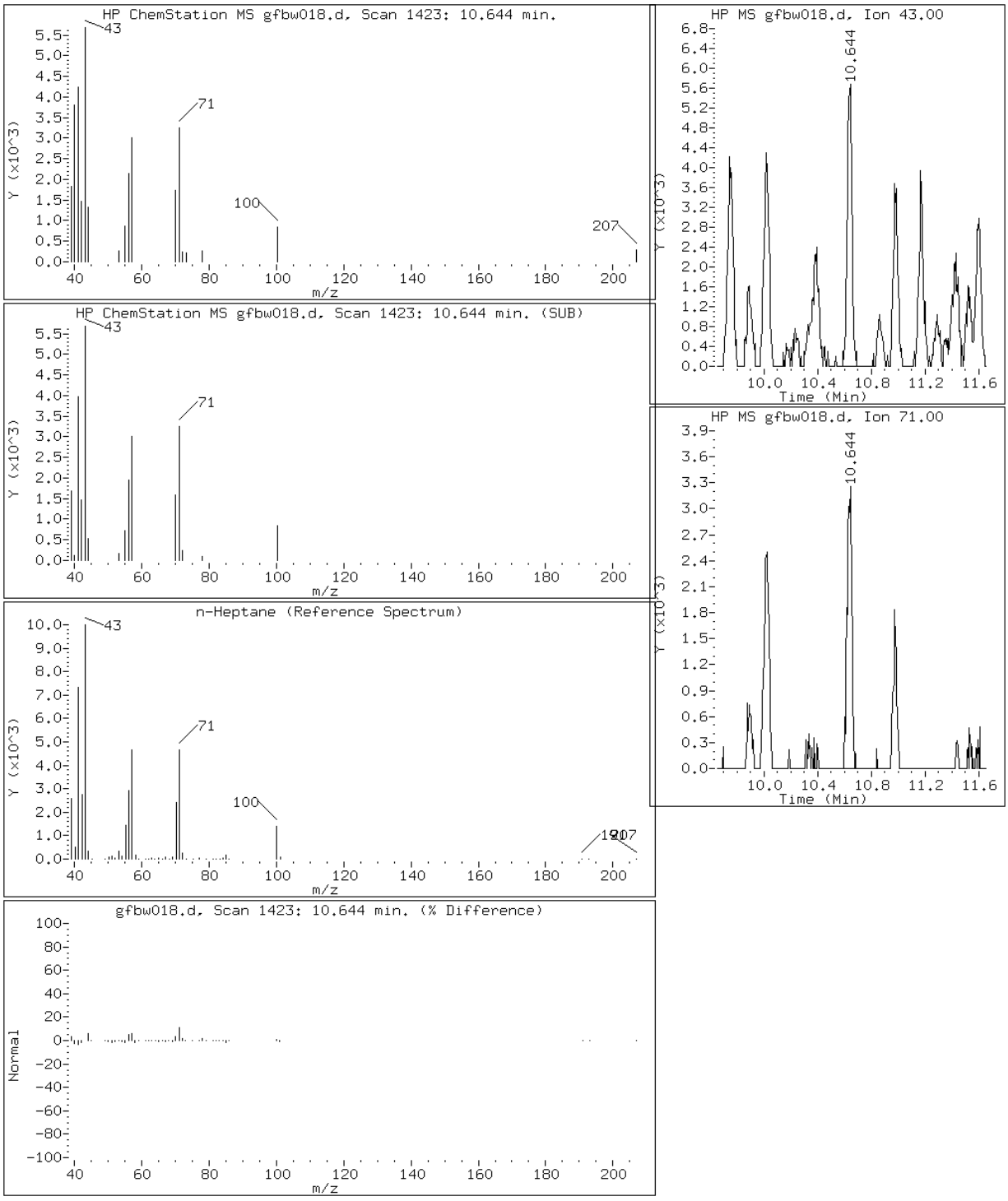
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

46 n-Heptane



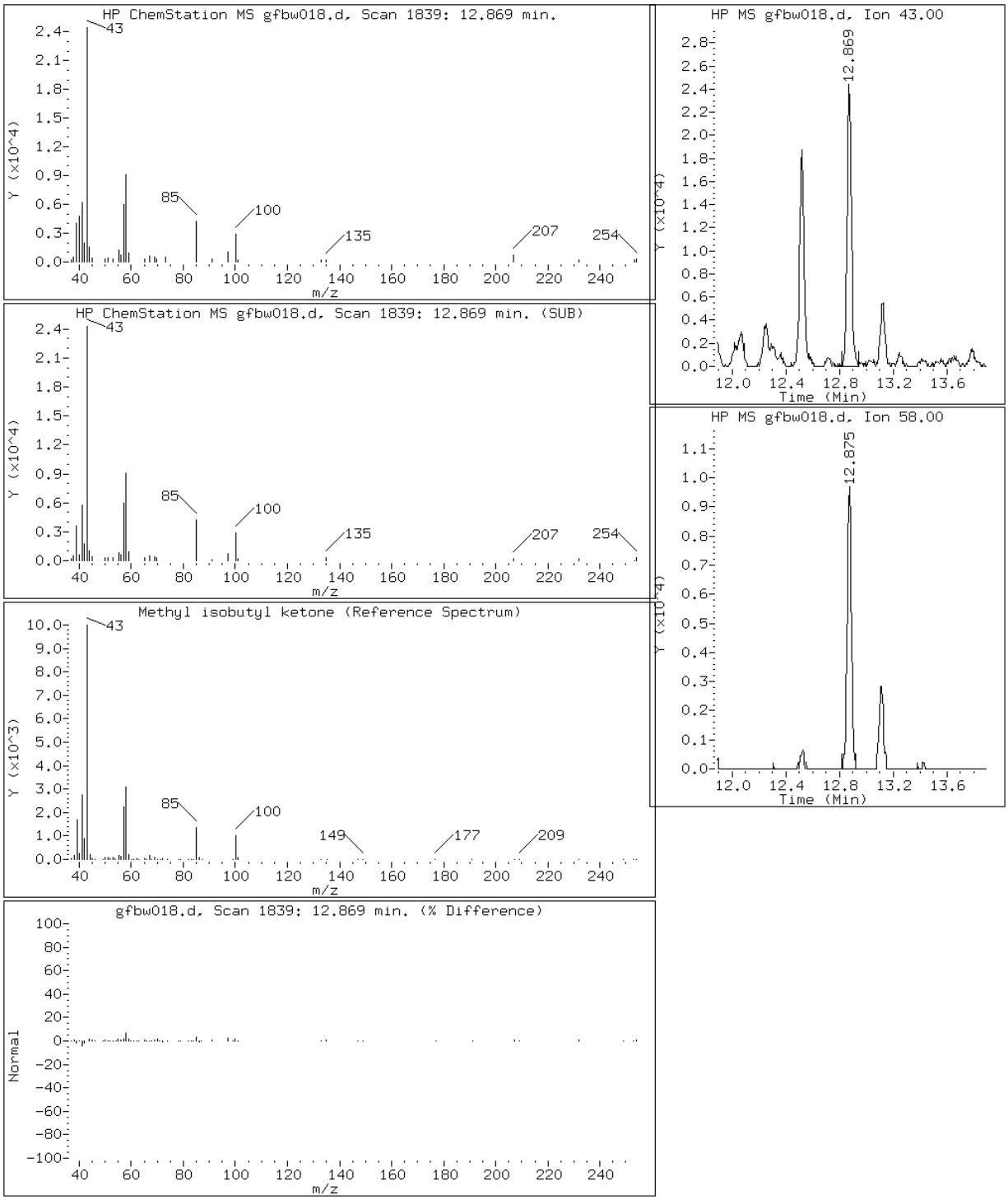
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

56 Methyl isobutyl ketone



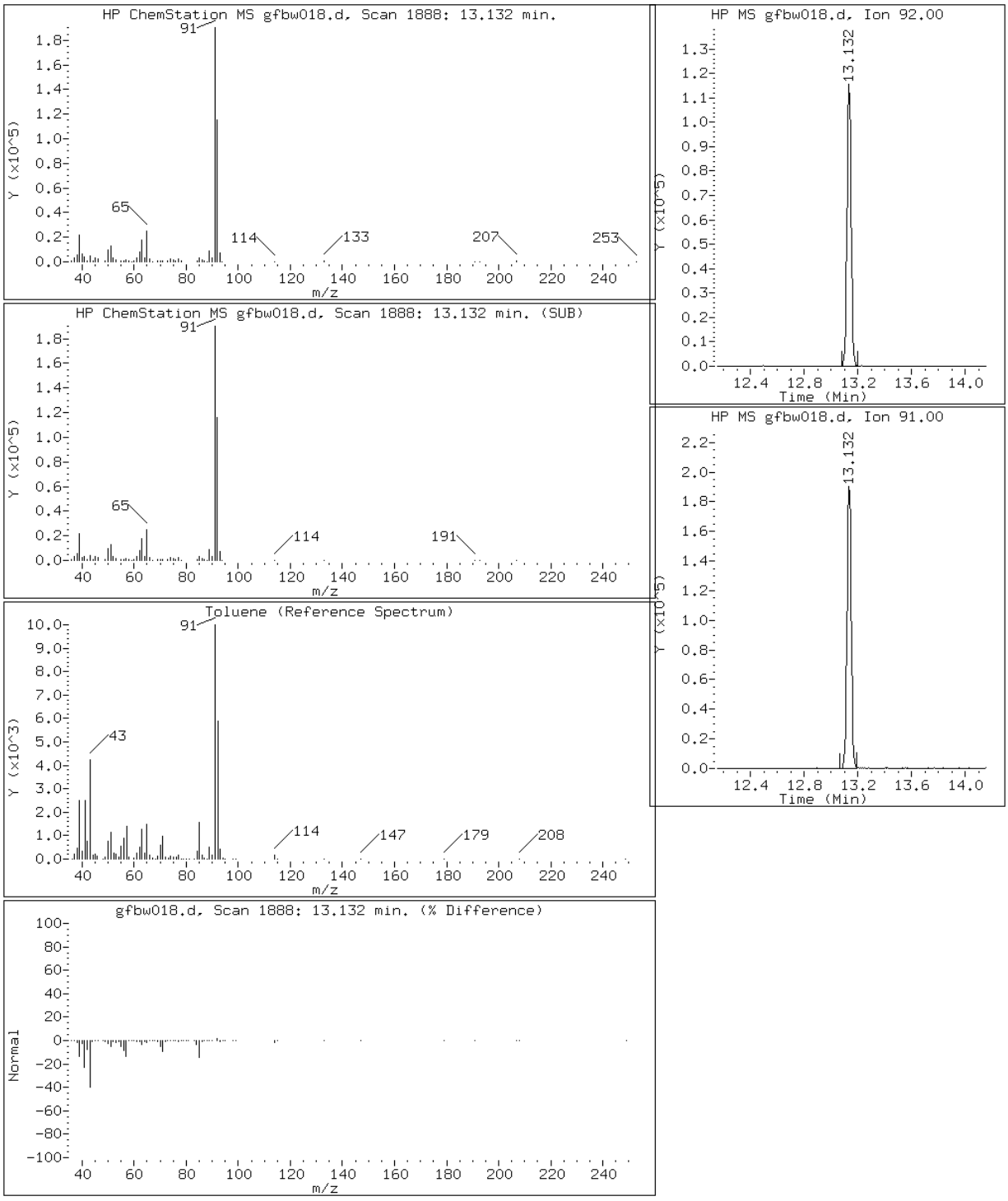
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

58 Toluene



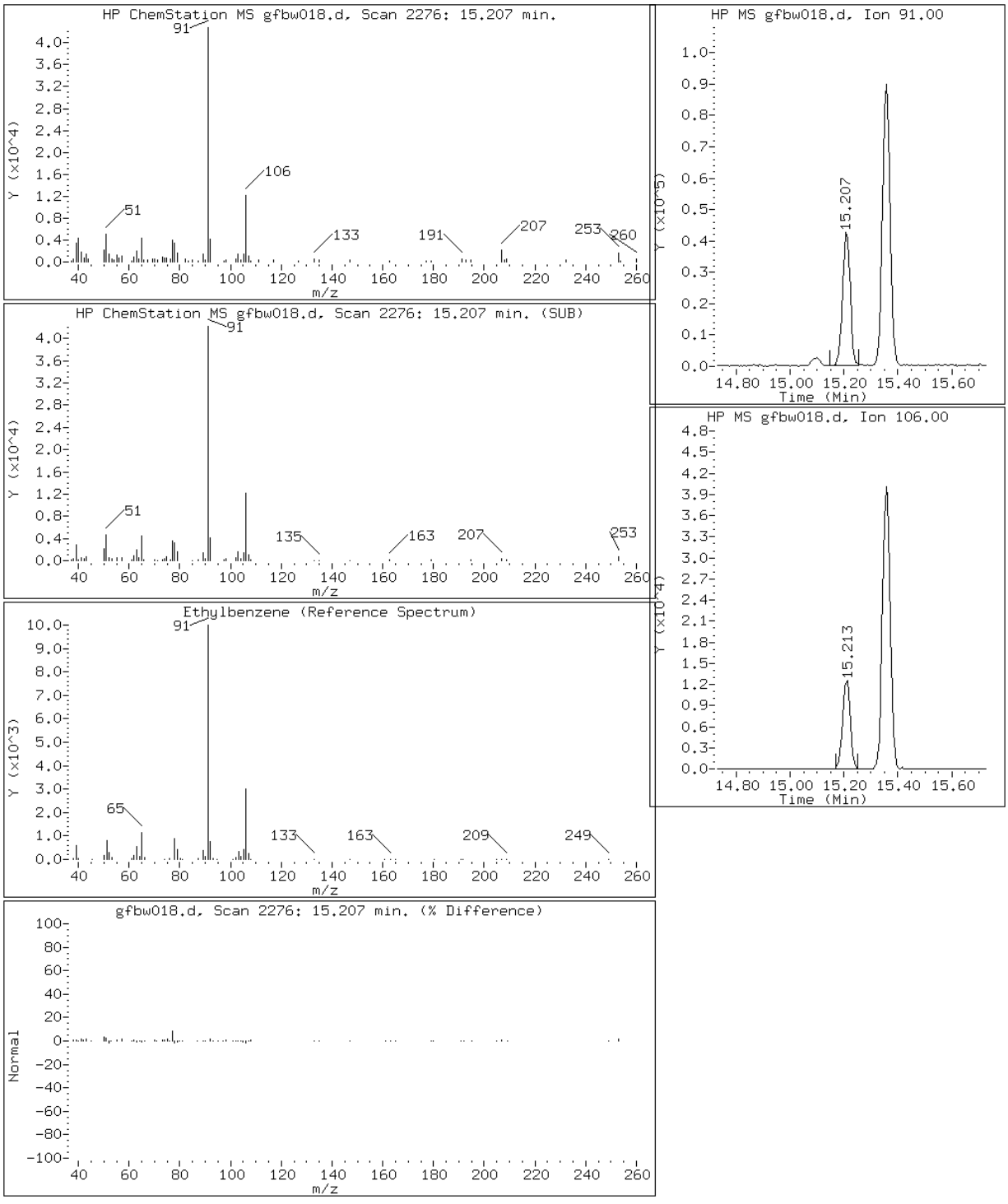
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

68 Ethylbenzene



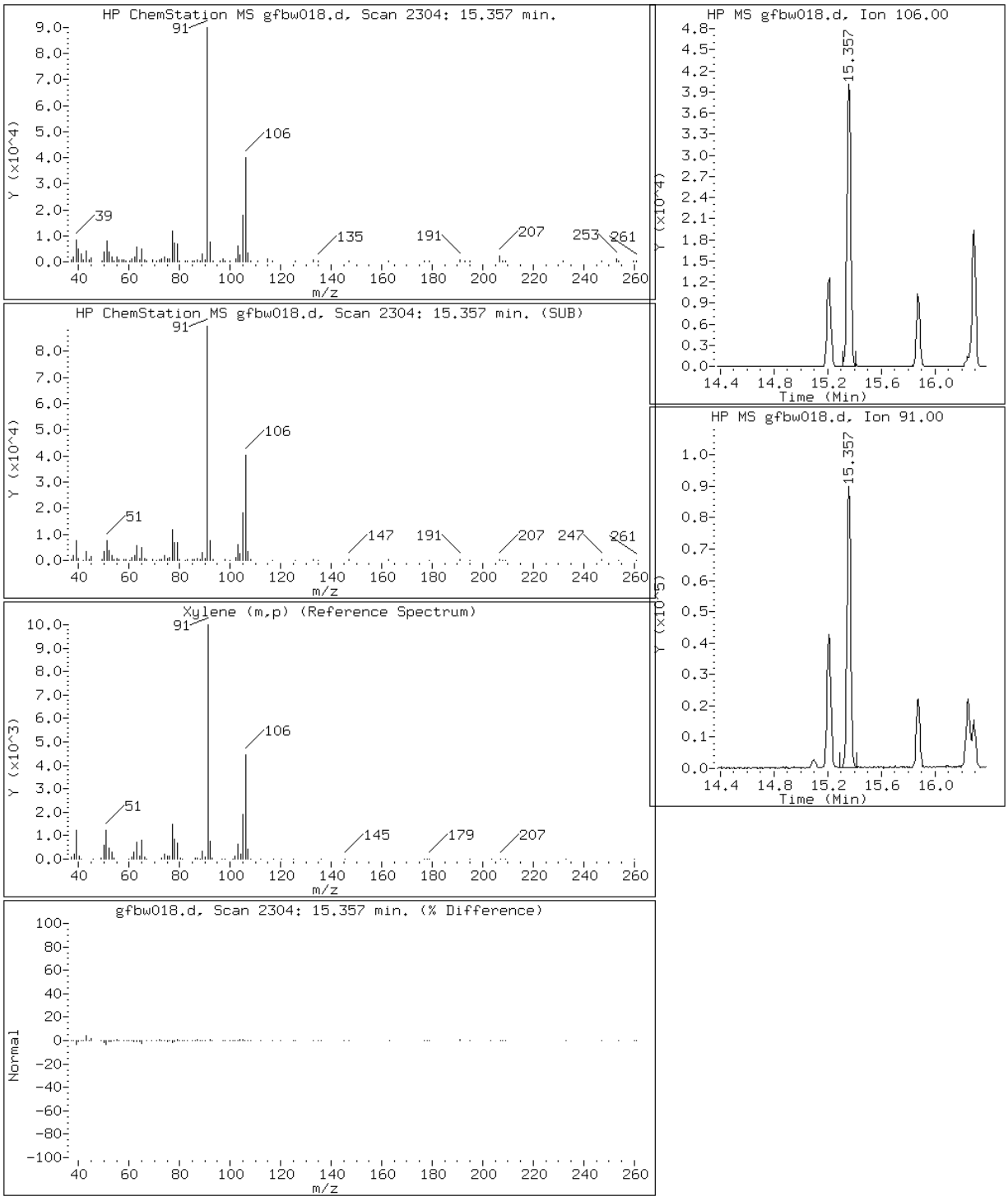
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

69 Xylene (m,p)



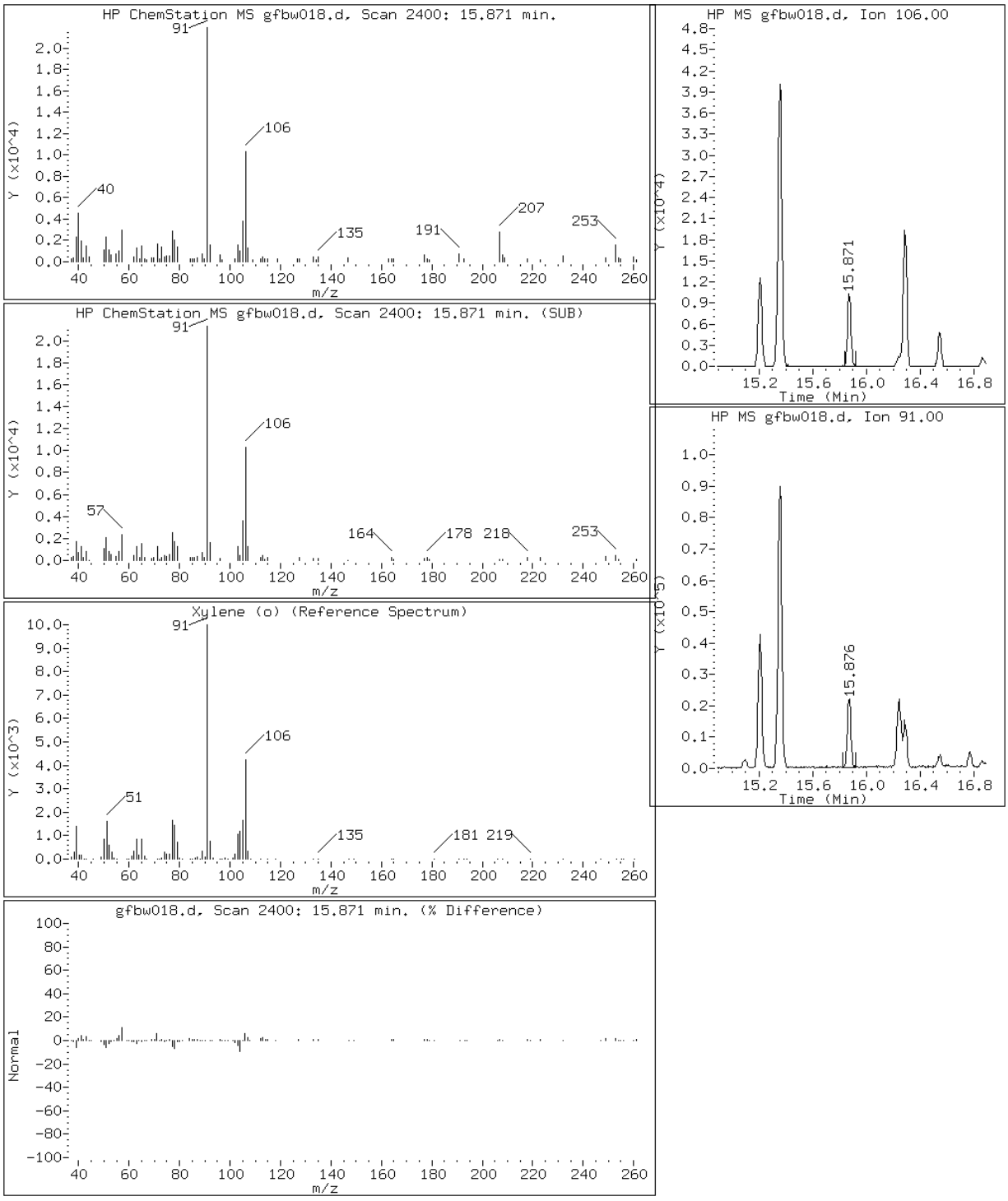
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

71 Xylene (o)



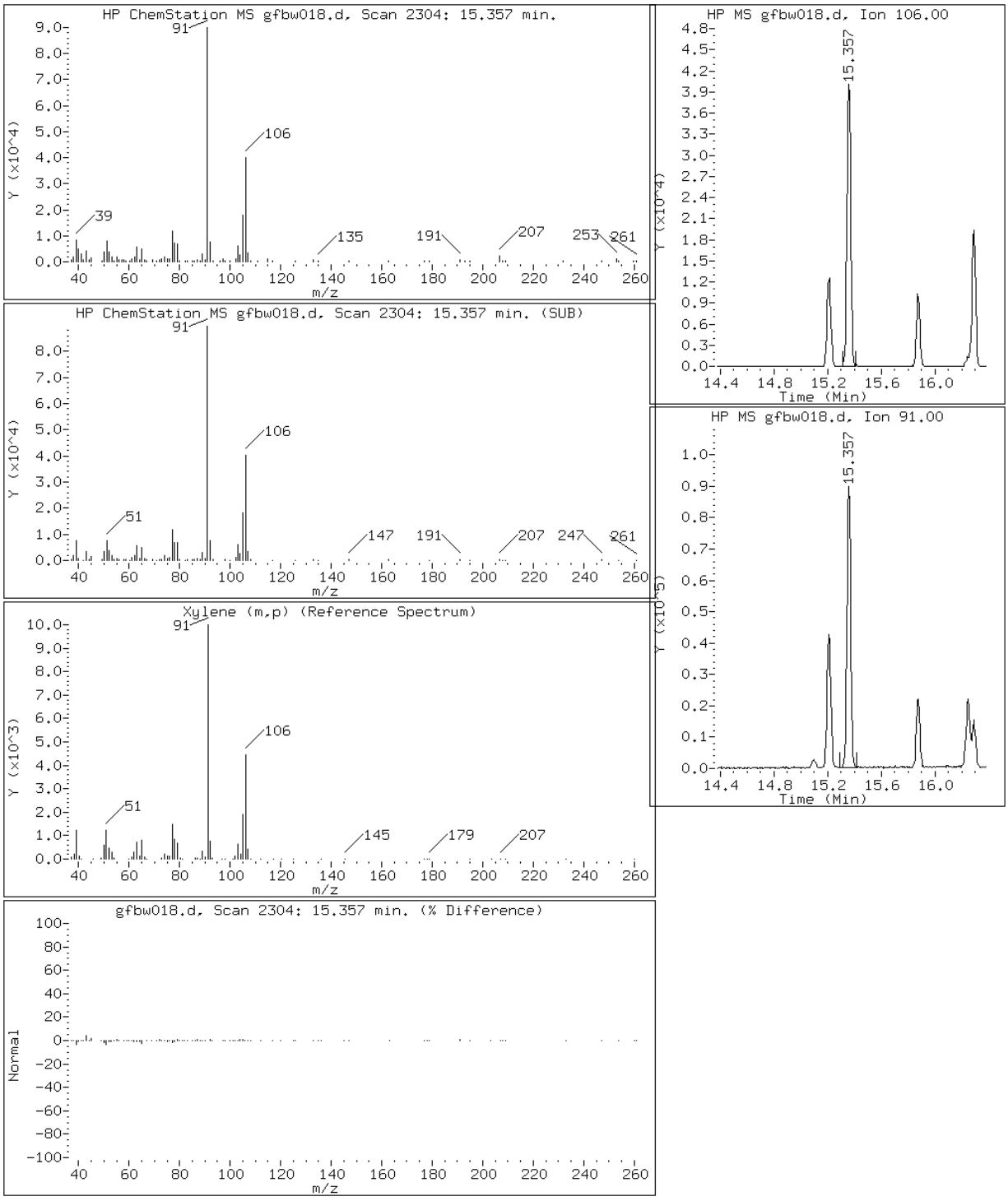
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

69 Xylene (m,p)



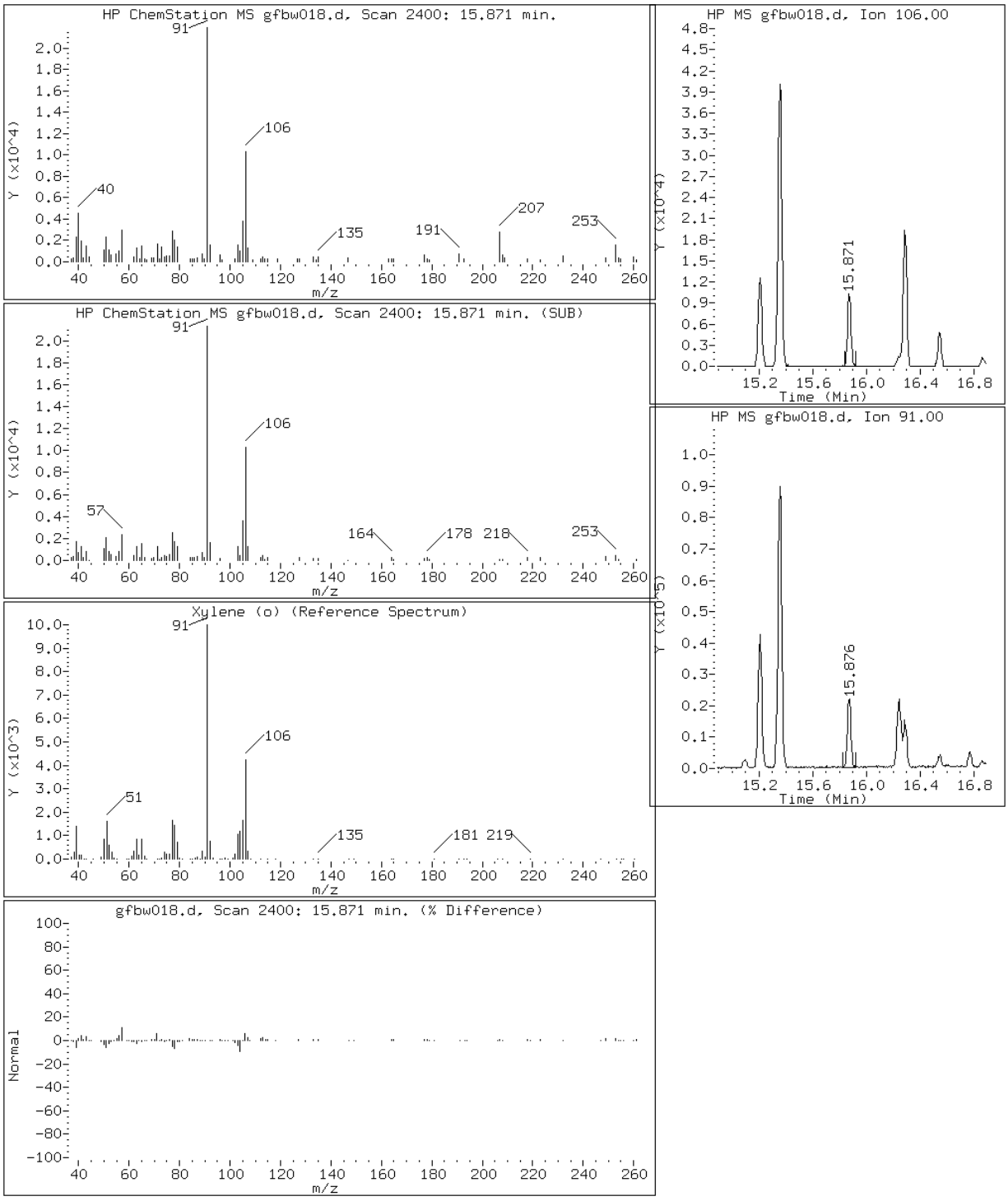
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

71 Xylene (o)



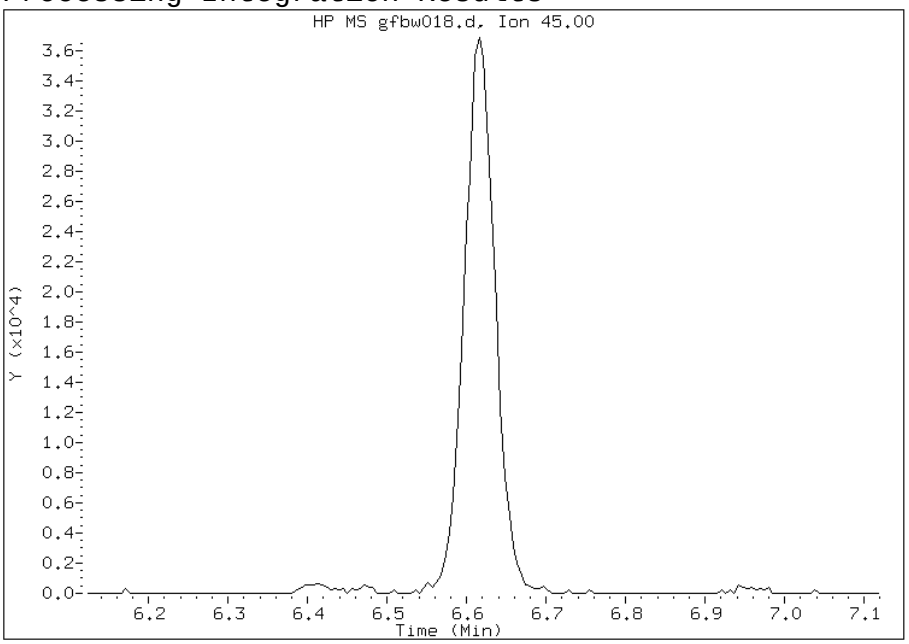
Manual Integration Report

Data File: gfbw018.d
Lab Sample ID: 220-13862-6
Inj. Date and Time: 06-NOV-2010 03:24
Instrument ID: G.i
Client ID: CE-VAPOR-5
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 11/08/2010

Processing Integration Results

Not Detected

Expected RT: 6.62



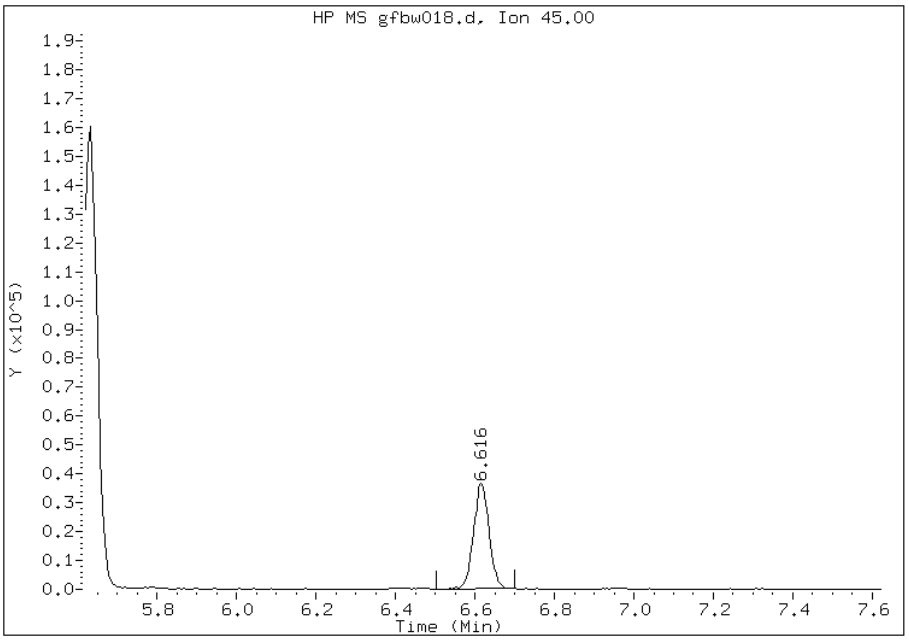
Manual Integration Results

RT: 6.62

Response: 98903

Amount: 2.44

Conc: 2.44



File Uploaded By: klp
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: gfbw018.d
Lab Sample ID: 220-13862-6
Inj. Date and Time: 06-NOV-2010 03:24
Instrument ID: G.i
Client ID: CE-VAPOR-5
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 11/08/2010

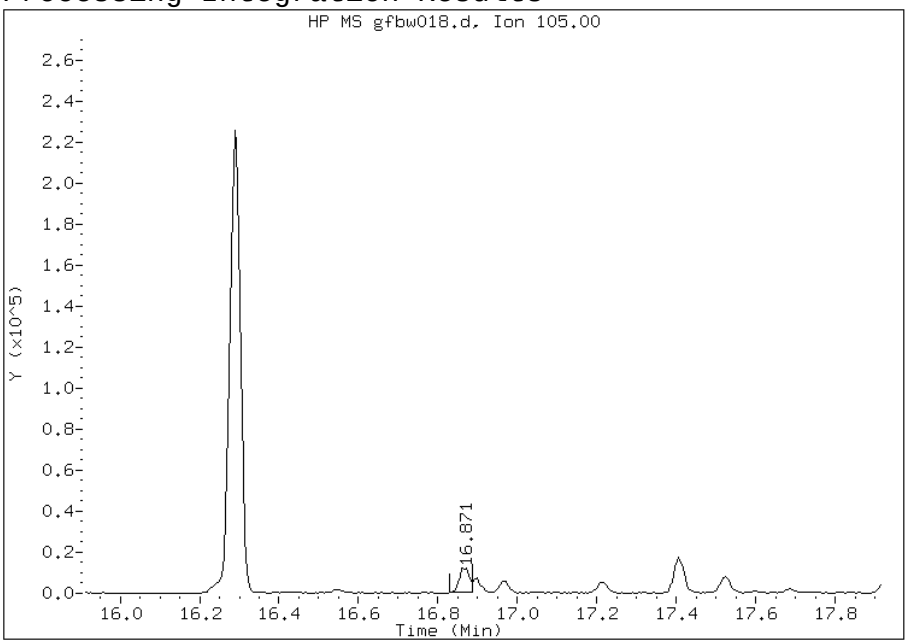
Processing Integration Results

RT: 16.87

Response: 22686

Amount: 0.089416

Conc: 0.089416



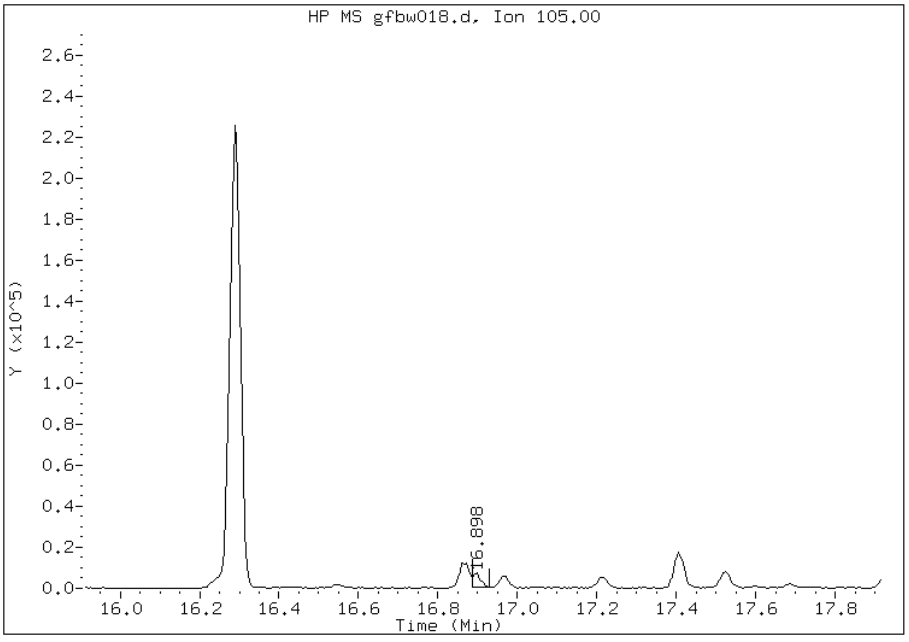
Manual Integration Results

RT: 16.90

Response: 10212

Amount: 0.040250

Conc: 0.040250



File Uploaded By: klp
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw018.d
Lab Sample ID: 220-13862-6
Inj. Date and Time: 06-NOV-2010 03:24
Instrument ID: G.i
Client ID: CE-VAPOR-5
Compound: 81 1,3,5-Trimethylbenzene
CAS #: 108-67-8
Report Date: 11/08/2010

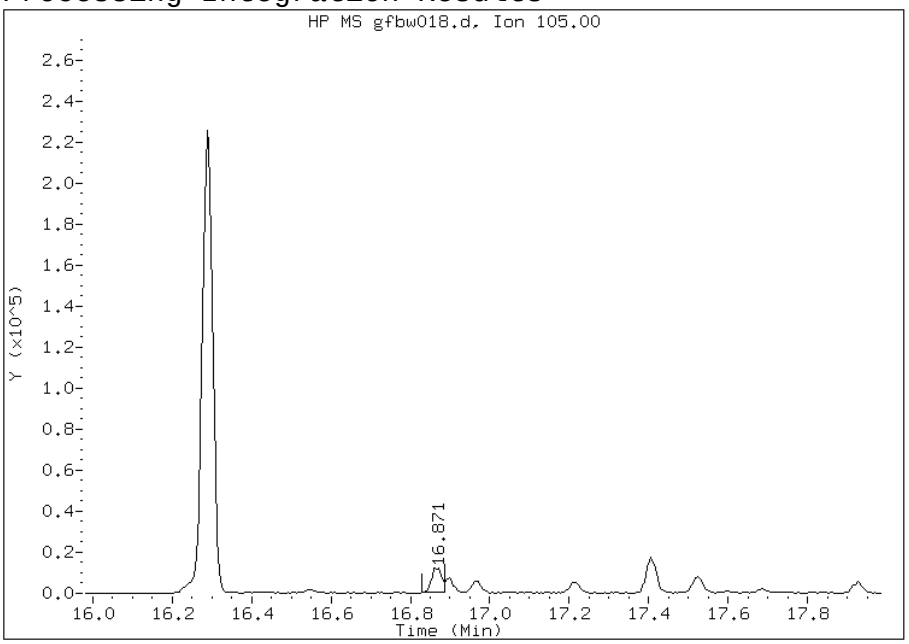
Processing Integration Results

RT: 16.87

Response: 22686

Amount: 0.104267

Conc: 0.104267



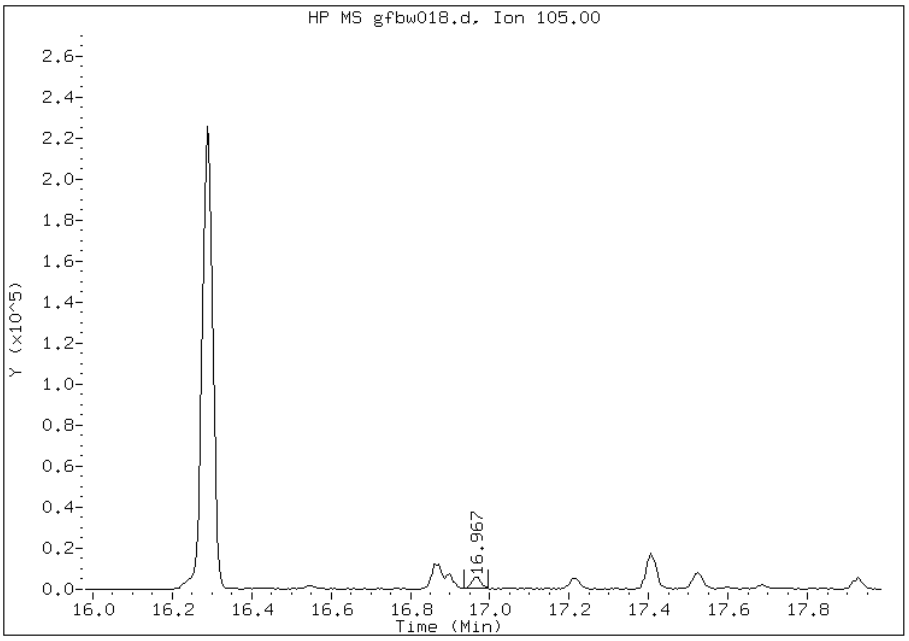
Manual Integration Results

RT: 16.97

Response: 9487

Amount: 0.043603

Conc: 0.043603



File Uploaded By: klp
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.75		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.27		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	16		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	2.3		0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.30		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	8.0		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	26		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20		0.20	0.013
71-43-2	Benzene	78.11	0.45		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.29		0.20	0.015
142-82-5	n-Heptane	100.21	0.39		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	7.3		0.50	0.064
108-88-3	Toluene	92.14	3.2		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.85		0.20	0.014
179601-23-1	m,p-Xylene	106.17	2.5		0.50	0.023
95-47-6	Xylene, o-	106.17	0.51		0.20	0.050
1330-20-7	Xylene (total)	106.17	3.0		0.20	0.15
100-42-5	Styrene	104.15	0.37		0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.21		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.25		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.6		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	37		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	7.3		1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	1.0		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	24		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	78		15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.95		0.93	0.061
71-43-2	Benzene	78.11	1.4		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	1.2		0.81	0.061
142-82-5	n-Heptane	100.21	1.6		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	30		2.0	0.26
108-88-3	Toluene	92.14	12		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	3.7		0.87	0.061
179601-23-1	m,p-Xylene	106.17	11		2.2	0.10
95-47-6	Xylene, o-	106.17	2.2		0.87	0.22
1330-20-7	Xylene (total)	106.17	13		0.87	0.65
100-42-5	Styrene	104.15	1.6		0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	1.0		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	1.2		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	4.8		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-7
Client Smp ID: CE-VAPOR-6
Inj Date : 06-NOV-2010 04:13
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-7
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	76303	0.51307	0.51
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.508	3.513	(0.366)	20218	0.75210	0.75
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	2724	0.12203	0.12(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.182	5.187	(0.541)	42729	0.27321	0.27
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.172	6.182	(0.645)	8816	0.09181	0.092(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.402	6.423	(0.669)	894554	15.5595	16
21 Carbon disulfide	76	6.648	6.658	(0.694)	295453	2.34094	2.3
22 Isopropanol	45	6.610	6.621	(0.690)	105790	2.67733	2.7(aM)
23 Allyl chloride	41	Compound Not Detected.					

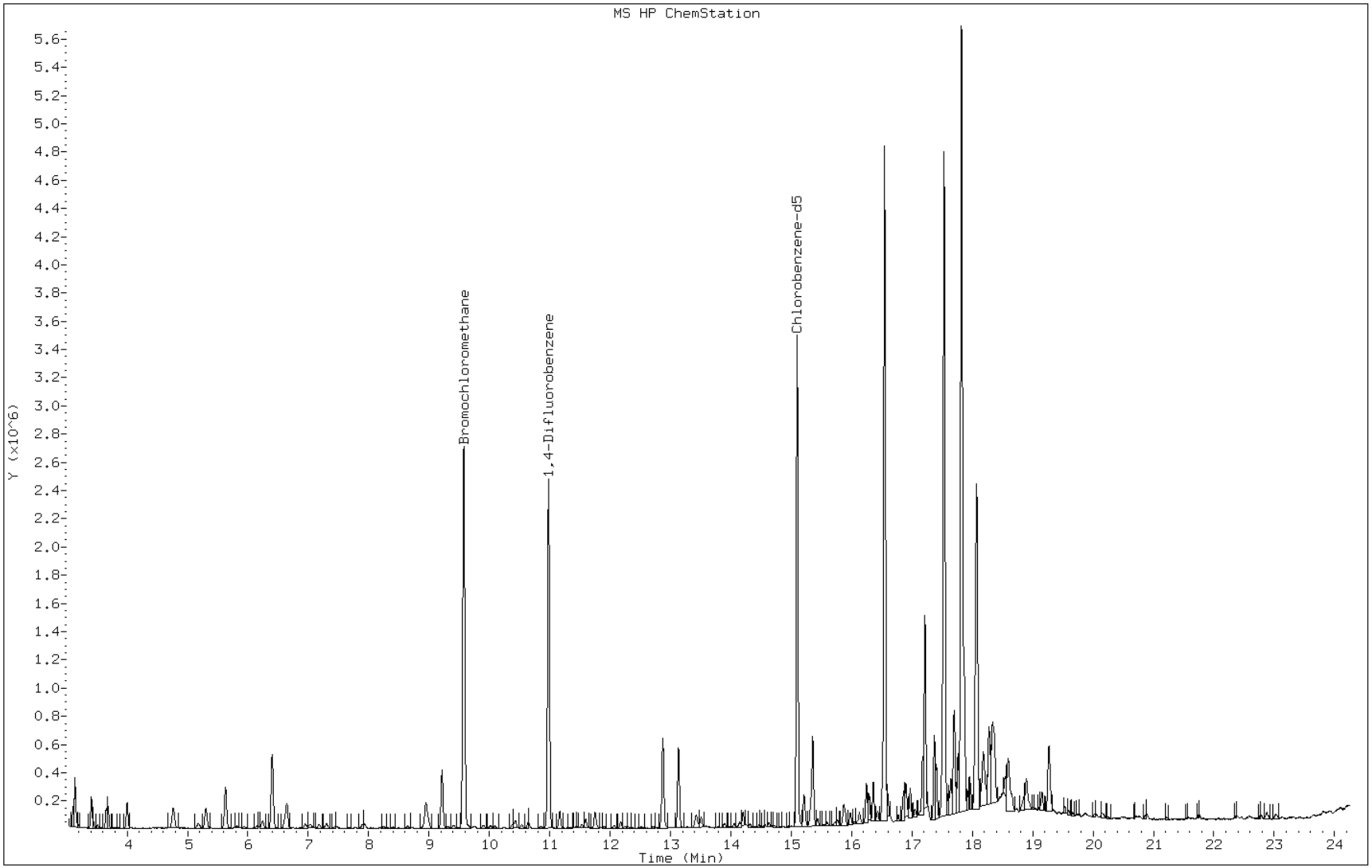
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.183	7.199	(0.750)	15276	0.33248	0.33(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	16722	0.29752	0.30
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	136907	8.02517	8.0(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	531532	10.0000	
	38 Tetrahydrofuran	42	9.579	9.601	(0.872)	852135	26.4592	26
	39 Chloroform	83	9.649	9.665	(1.008)	13827	0.12654	0.13(a)
	40 Cyclohexane	84	9.900	9.916	(0.902)	6684	0.12693	0.13(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.919)	13131	0.09547	0.095(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	35228	0.20411	0.20(M)
	44 Benzene	78	10.430	10.451	(0.950)	57572	0.44674	0.45
	45 1,2-Dichloroethane	62	10.532	10.558	(0.959)	21413	0.28816	0.29
	46 n-Heptane	43	10.639	10.655	(0.969)	24119	0.38576	0.39
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2447202	10.0000	
	49 Trichloroethene	95	11.356	11.355	(1.034)	3300	0.04873	0.049(aQM)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.870	12.891	(1.172)	544529	7.28521	7.3
	58 Toluene	92	13.132	13.153	(0.870)	292903	3.22840	3.2
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.902	13.913	(0.921)	11844	0.11775	0.12(a)
	62 2-Hexanone	43	14.052	14.068	(0.931)	23007	0.32355	0.32(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2300090	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	174974	0.85244	0.85
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	195354	2.50631	2.5
M	70 Xylenes, Total	106				235318	3.01790	3.0
	71 Xylene (o)	106	15.876	15.892	(1.052)	39964	0.51159	0.51
	72 Styrene	104	15.897	15.919	(1.053)	42325	0.36558	0.37
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	48508	0.20501	0.21
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	50709	0.24991	0.25
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	196057	0.97618	0.98
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw019.d	Date:	06-NOV-2010 04:13
Client ID:	CE-VAPOR-6	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-7		
Lab Sample ID:	220-13862-7		



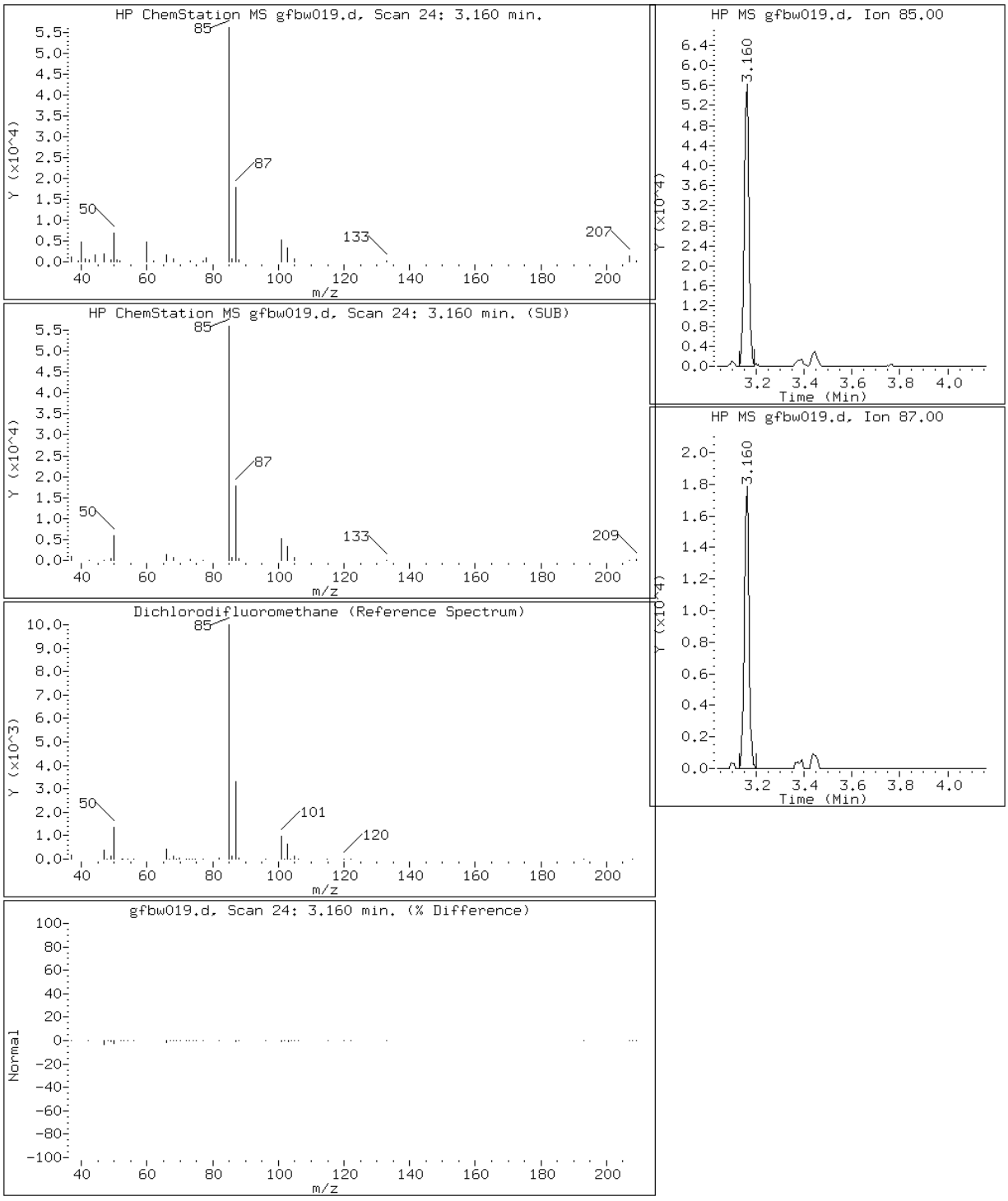
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

2 Dichlorodifluoromethane



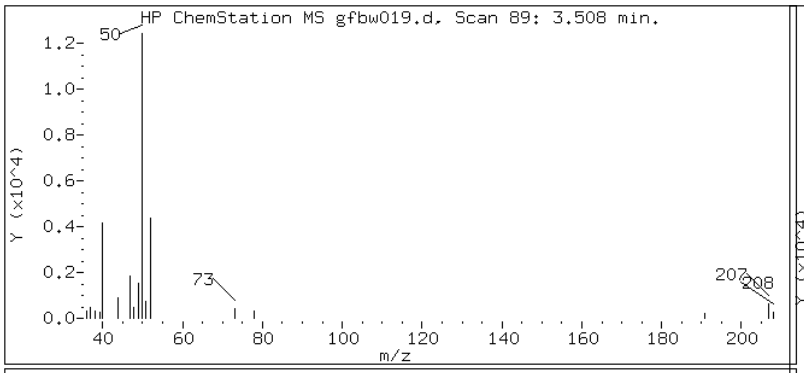
Data File: gfbw019.d

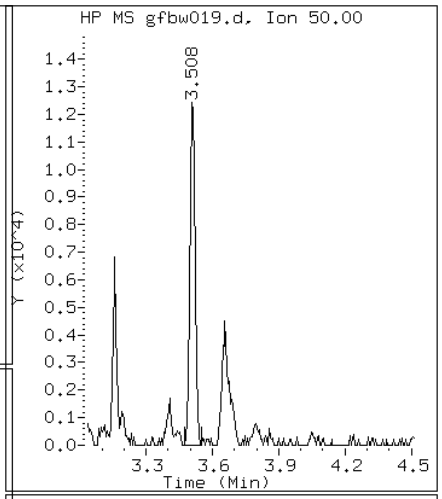
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

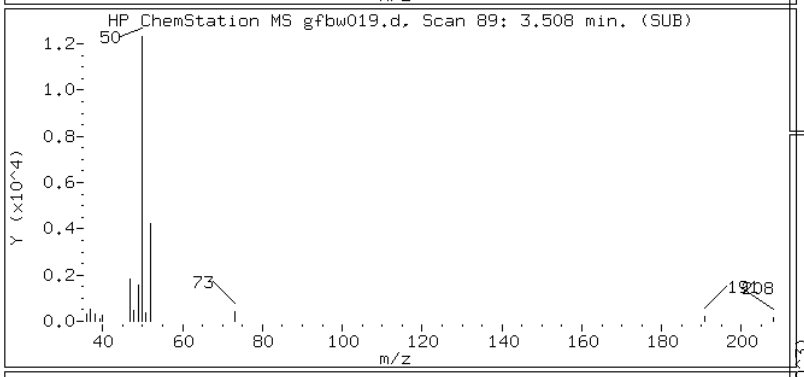
Client ID: CE-VAPOR-6 Instrument: G.i

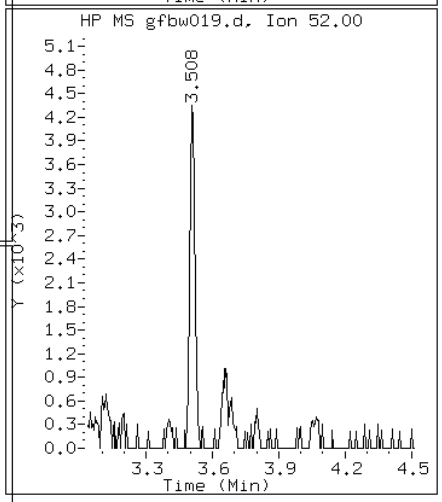
Sample Info: 220-13862-A-7 Operator: wrd

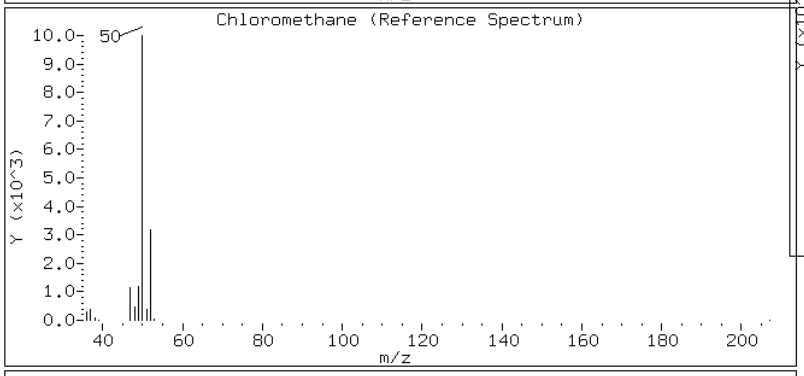
5 Chloromethane

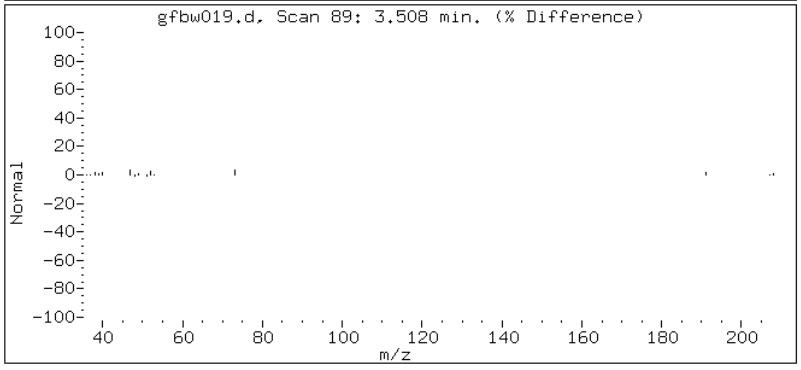












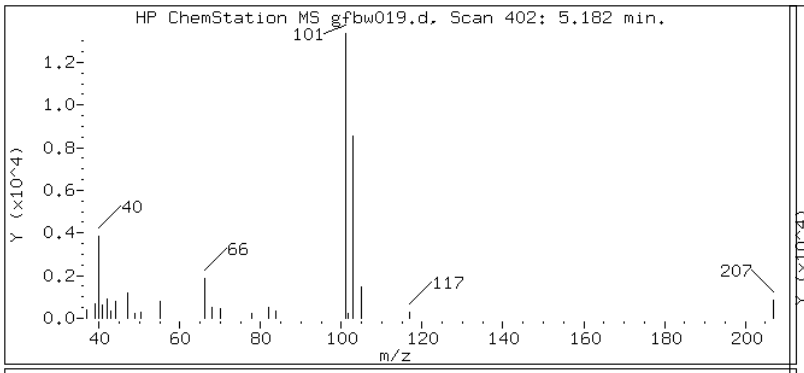
Data File: gfbw019.d

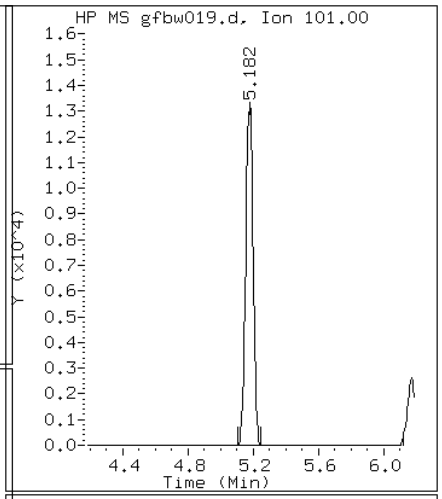
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

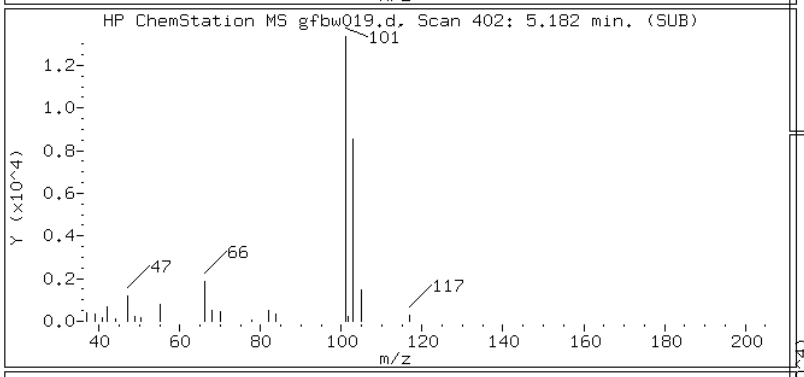
Client ID: CE-VAPOR-6 Instrument: G.i

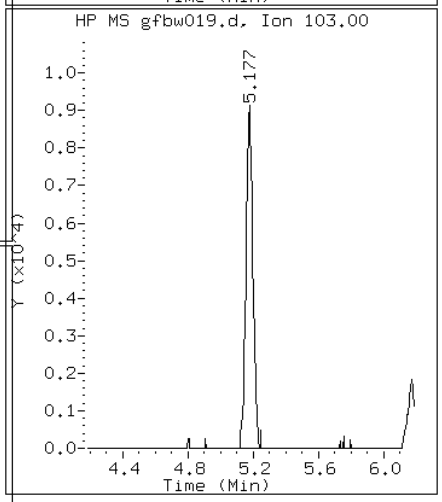
Sample Info: 220-13862-A-7 Operator: wrd

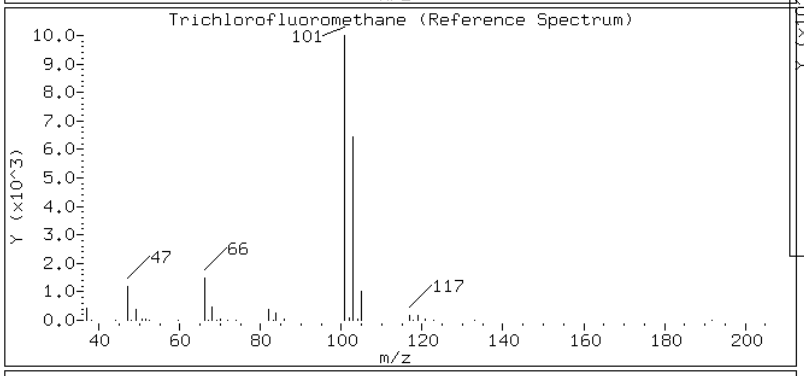
13 Trichlorofluoromethane

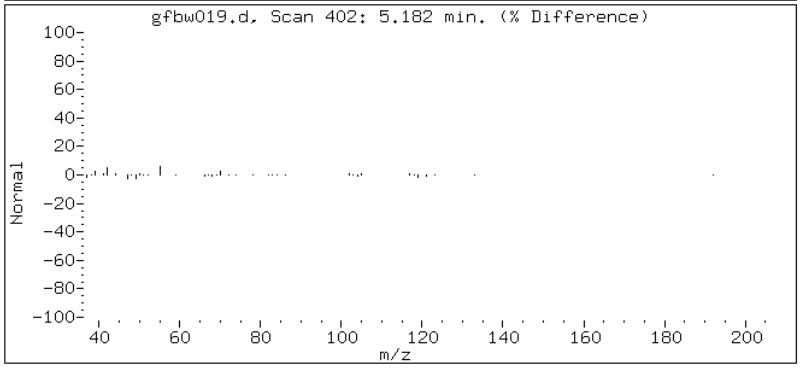












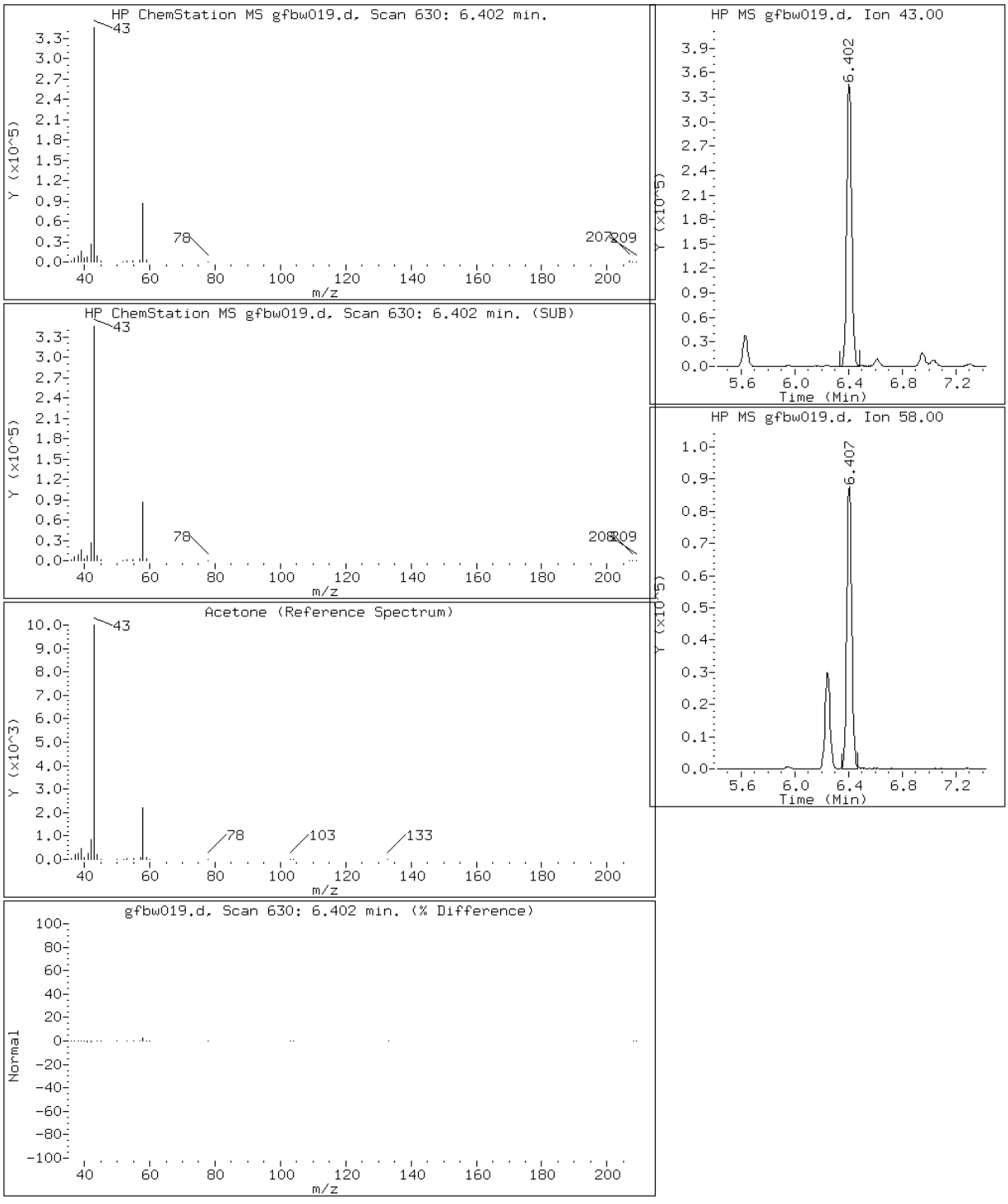
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

20 Acetone



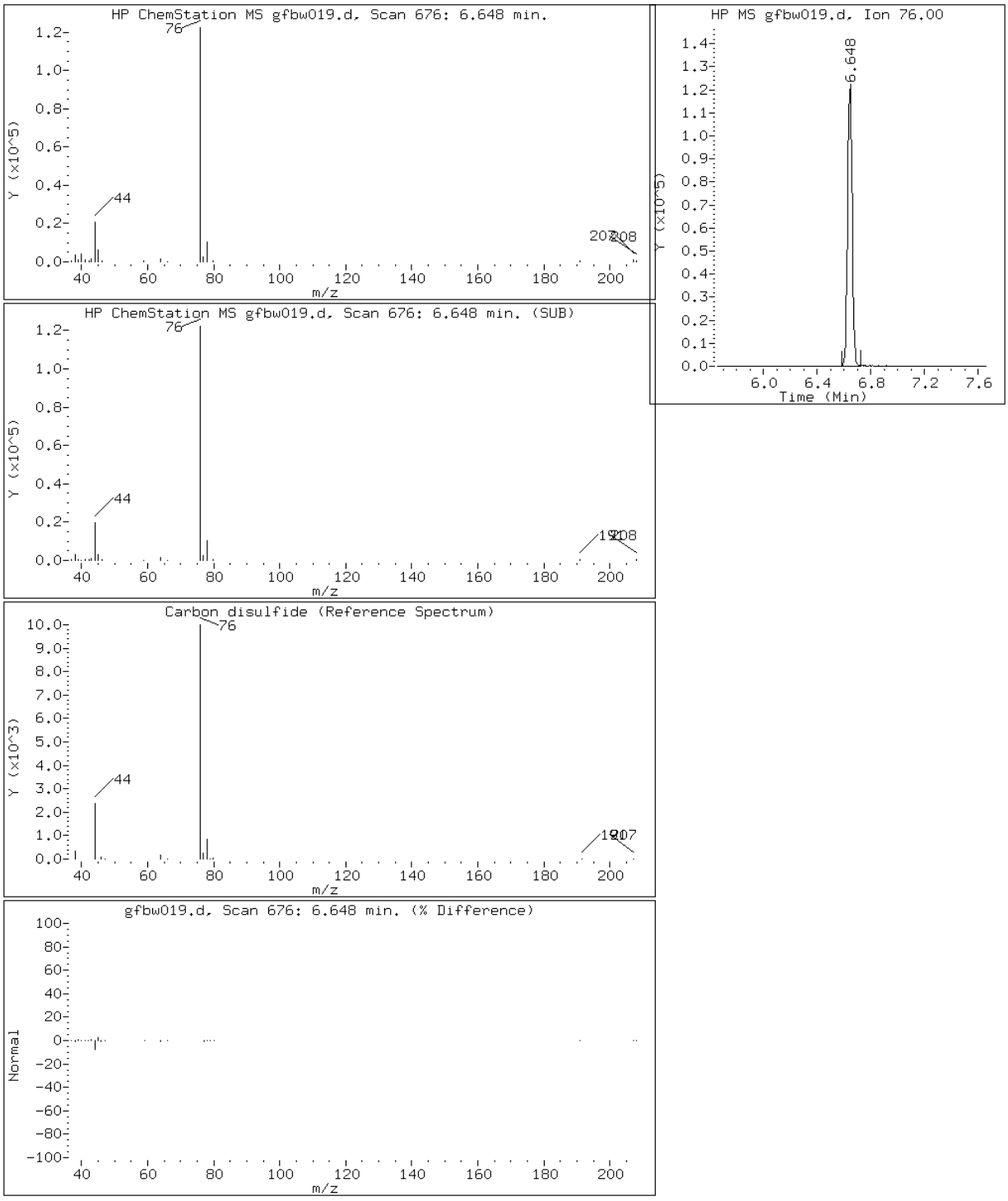
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

21 Carbon disulfide



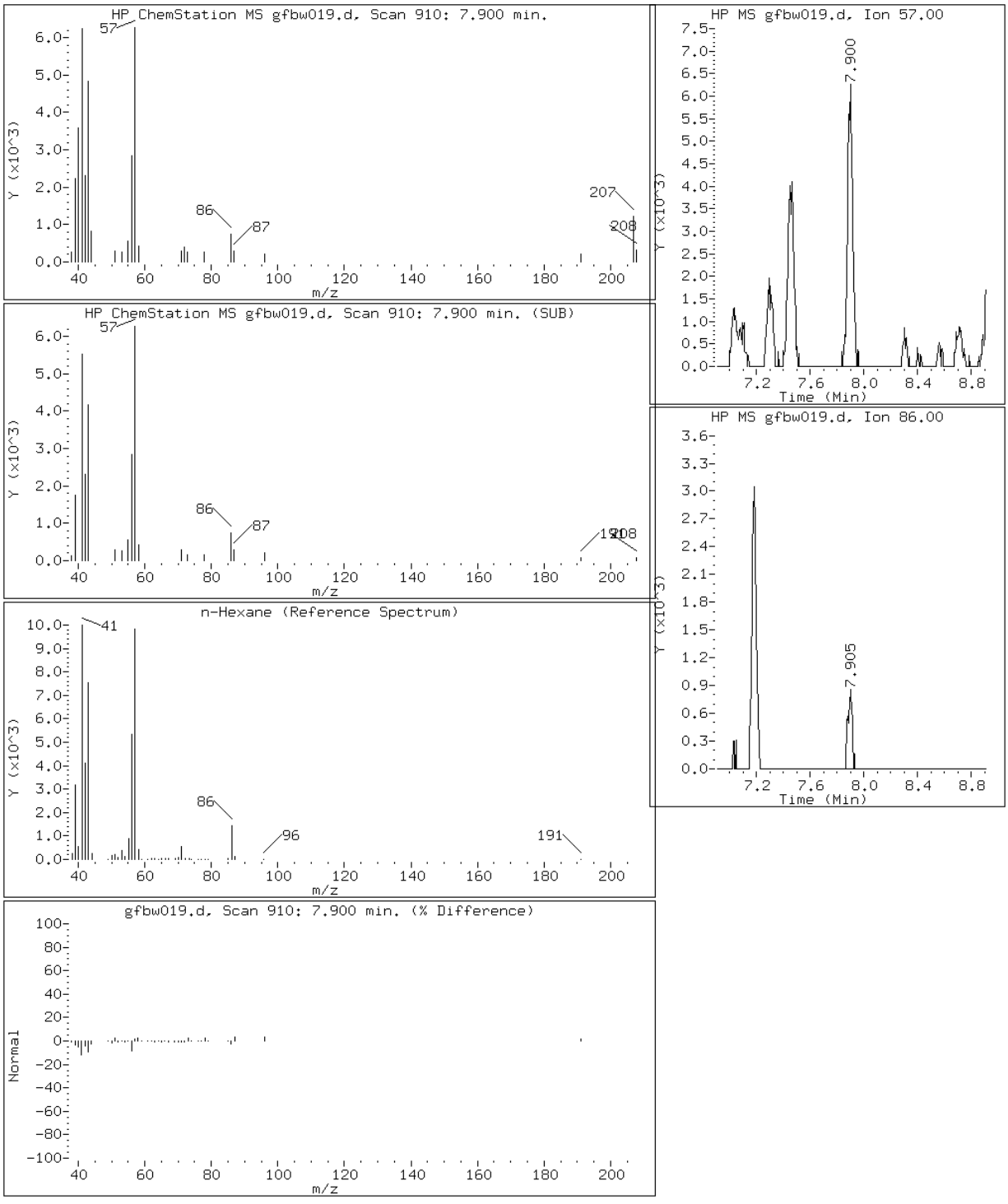
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

30 n-Hexane



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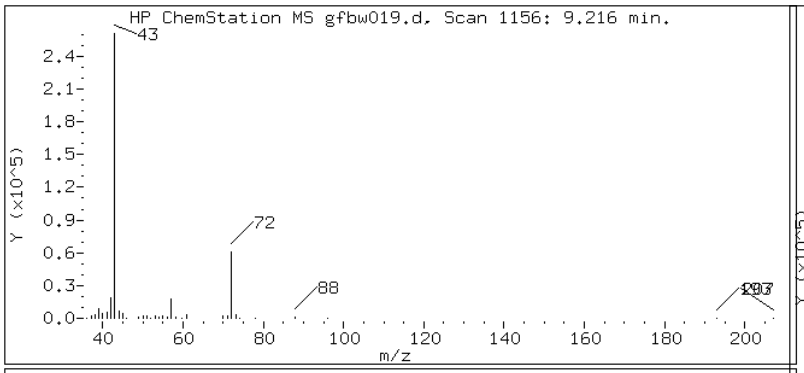
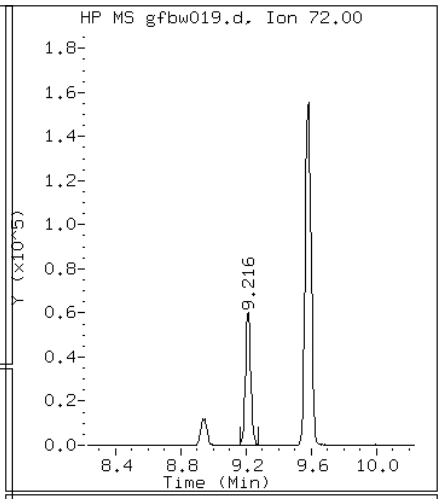
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

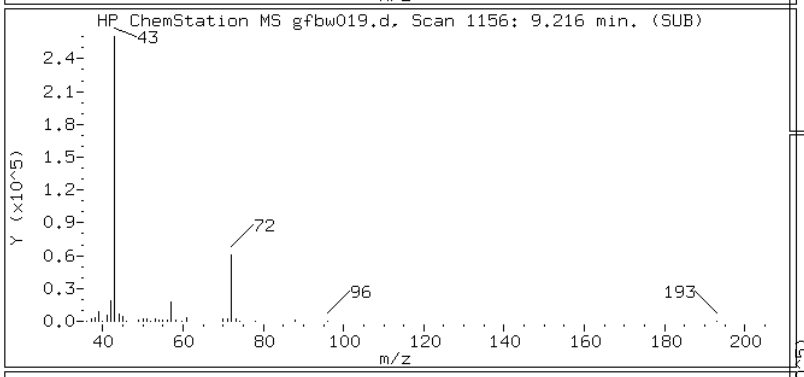
Client ID: CE-VAPOR-6 Instrument: G.i

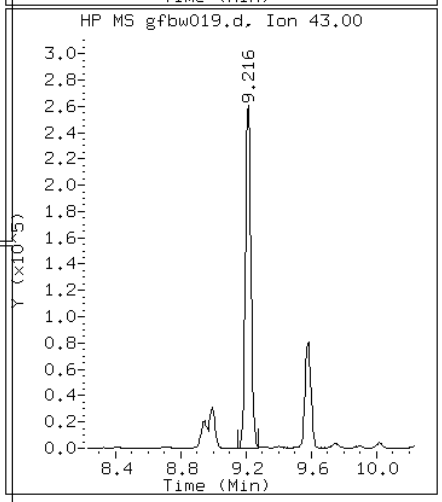
Sample Info: 220-13862-A-7 Operator: wrd

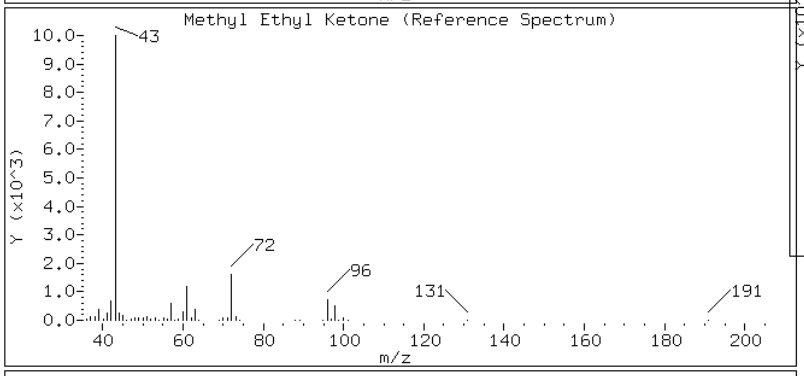
36 Methyl Ethyl Ketone

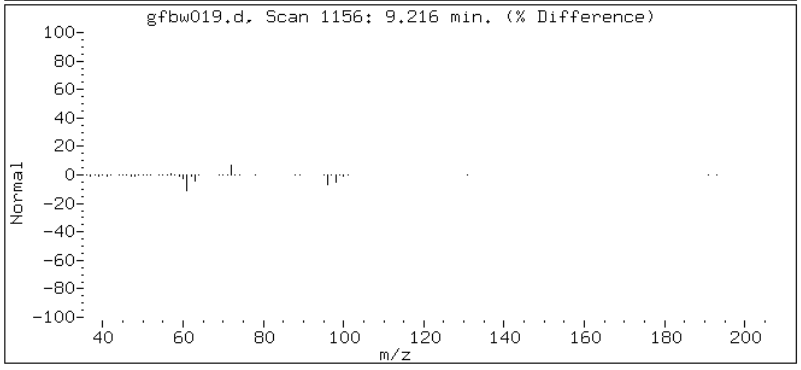












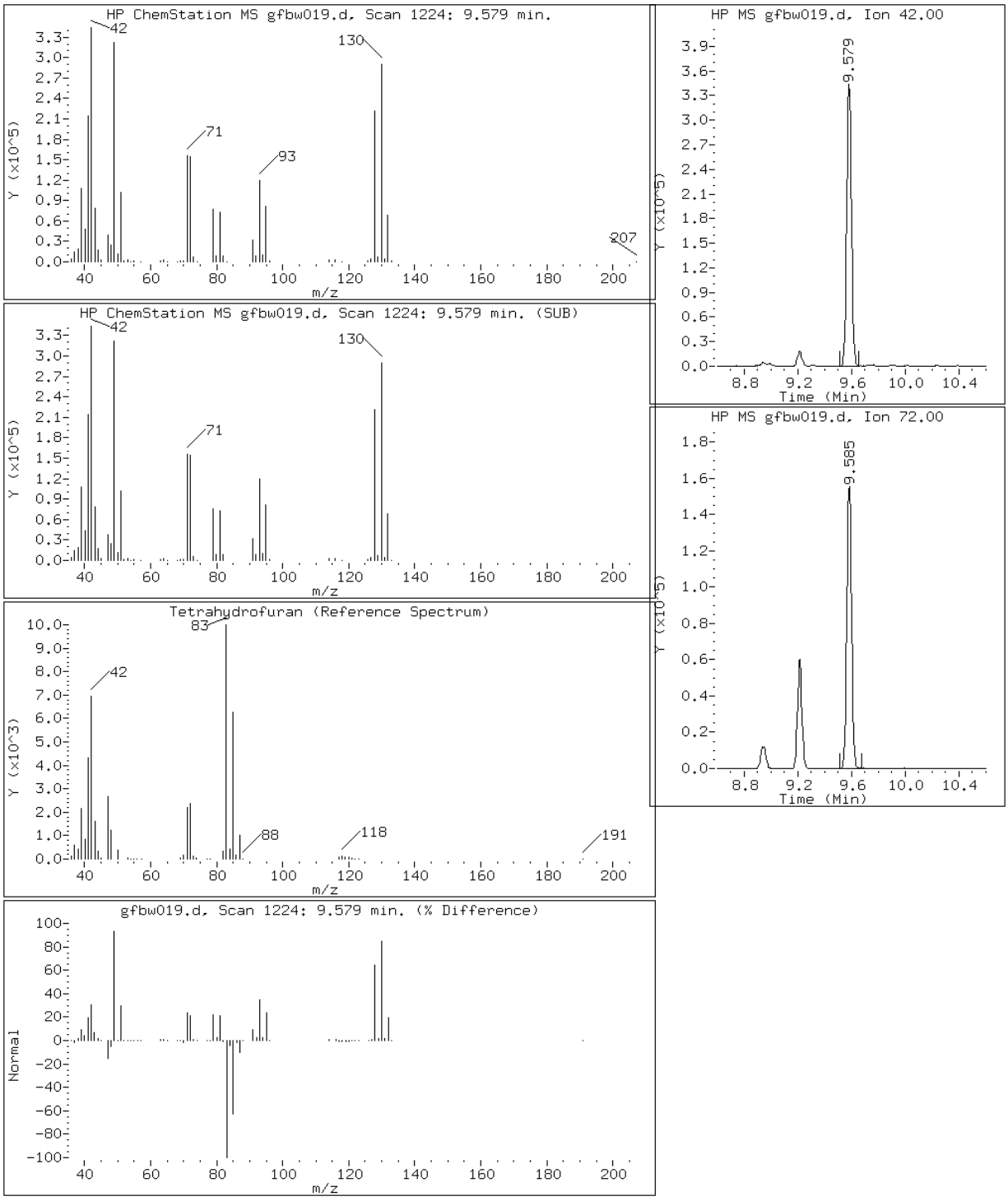
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

38 Tetrahydrofuran



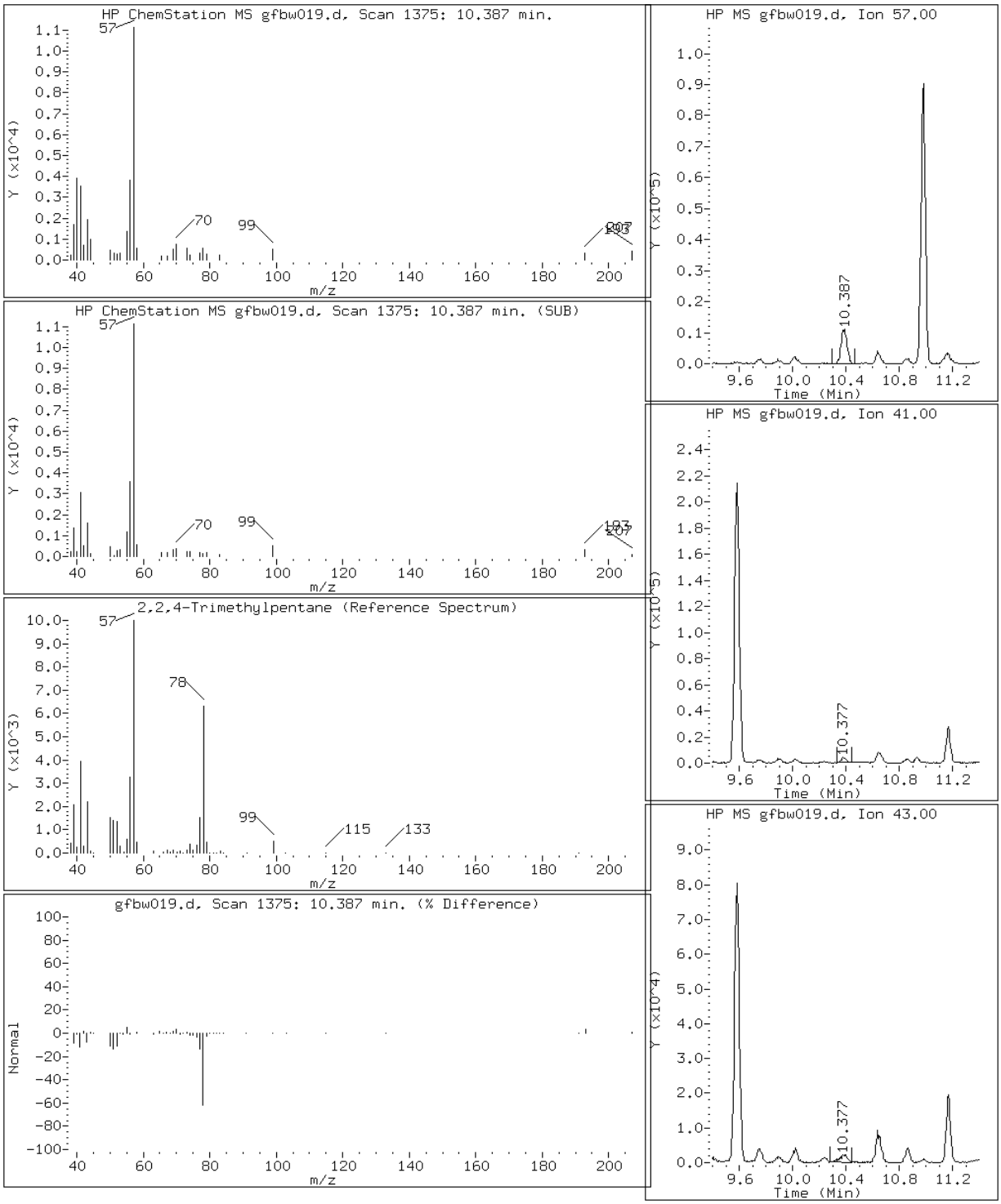
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

43 2,2,4-Trimethylpentane



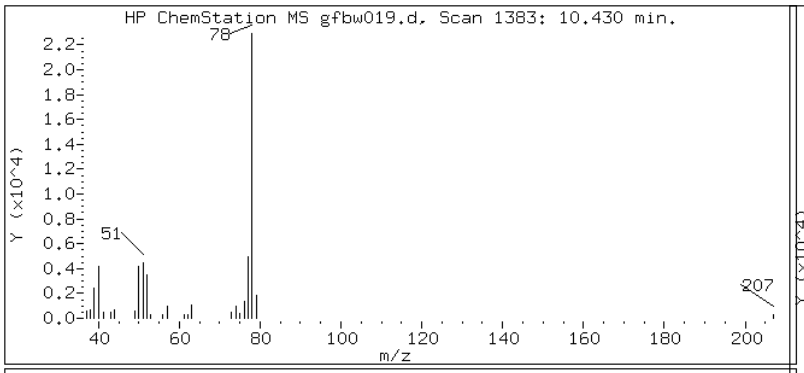
Data File: gfbw019.d

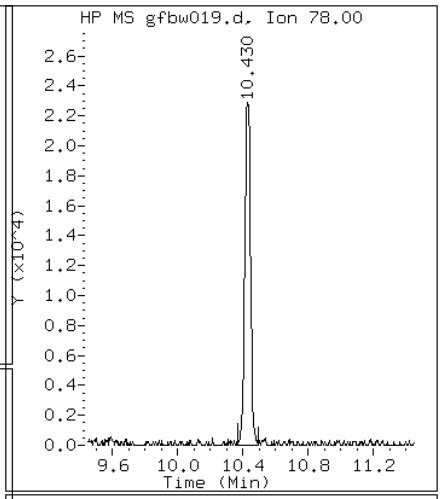
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

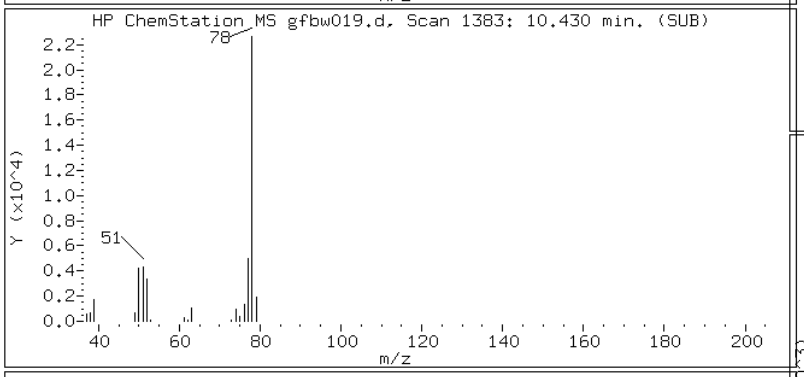
Client ID: CE-VAPOR-6 Instrument: G.i

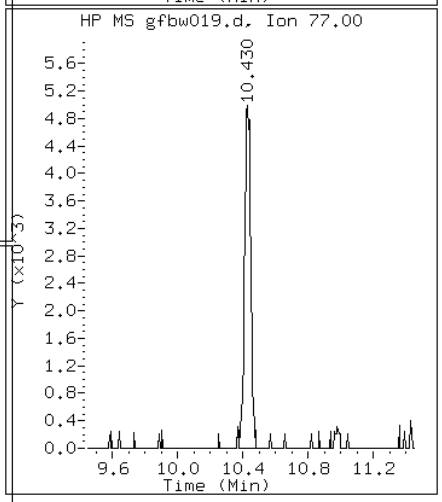
Sample Info: 220-13862-A-7 Operator: wrd

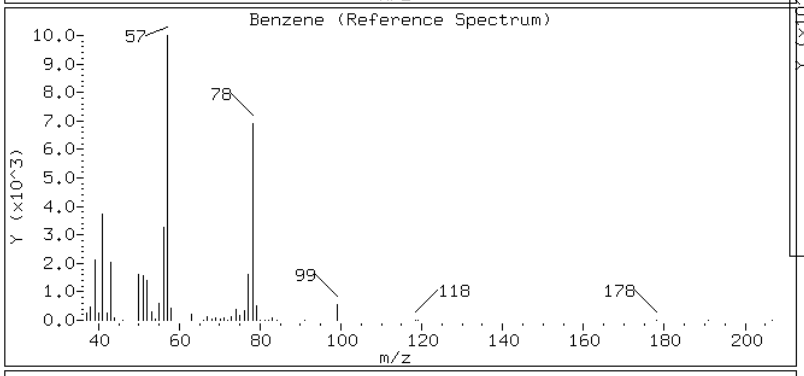
44 Benzene

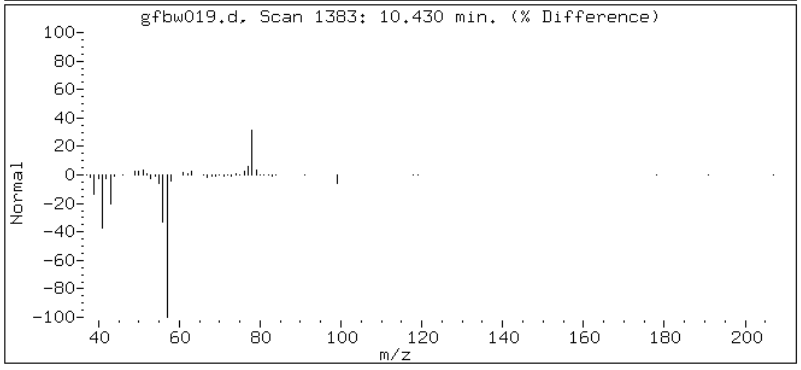












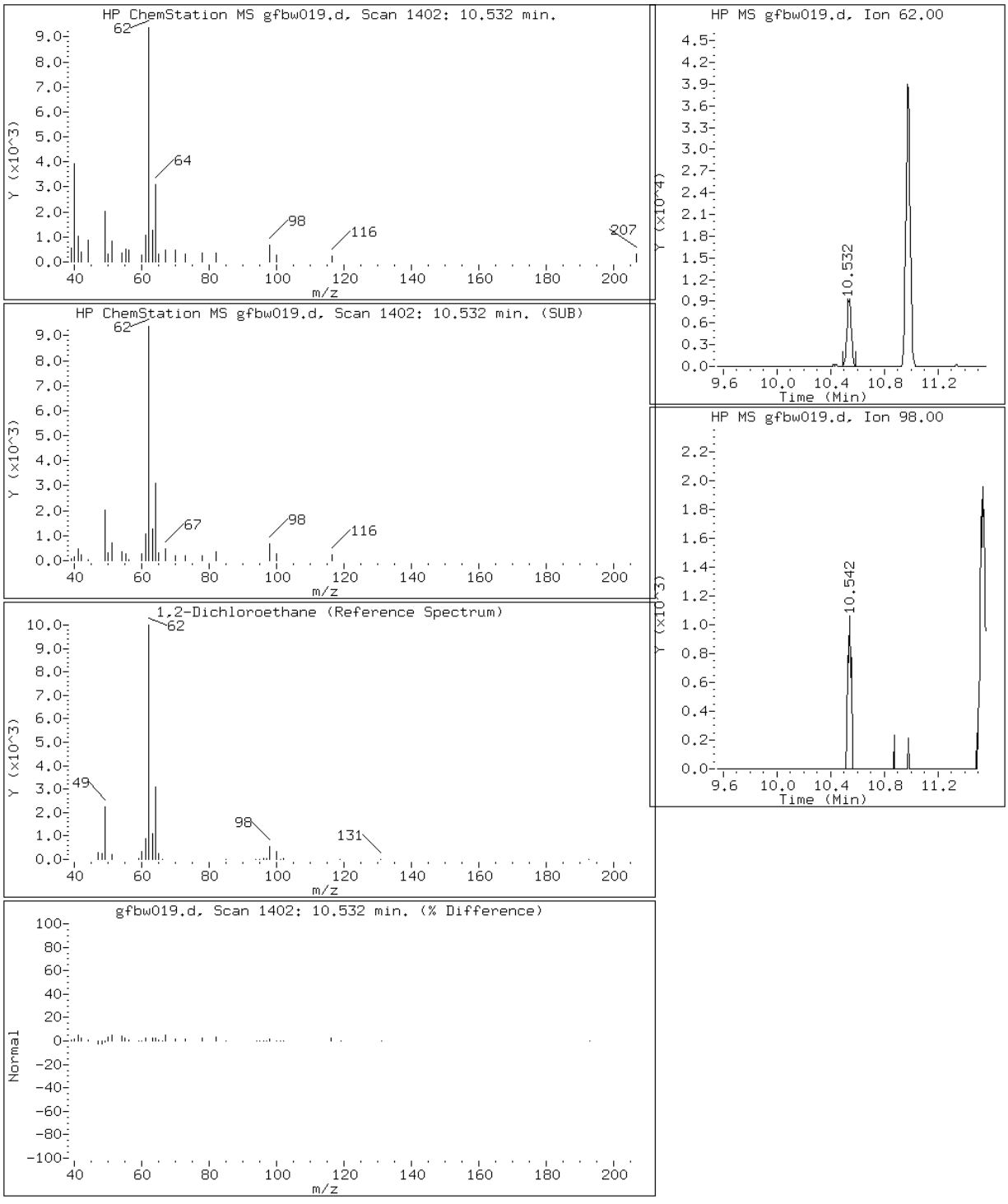
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

45 1,2-Dichloroethane



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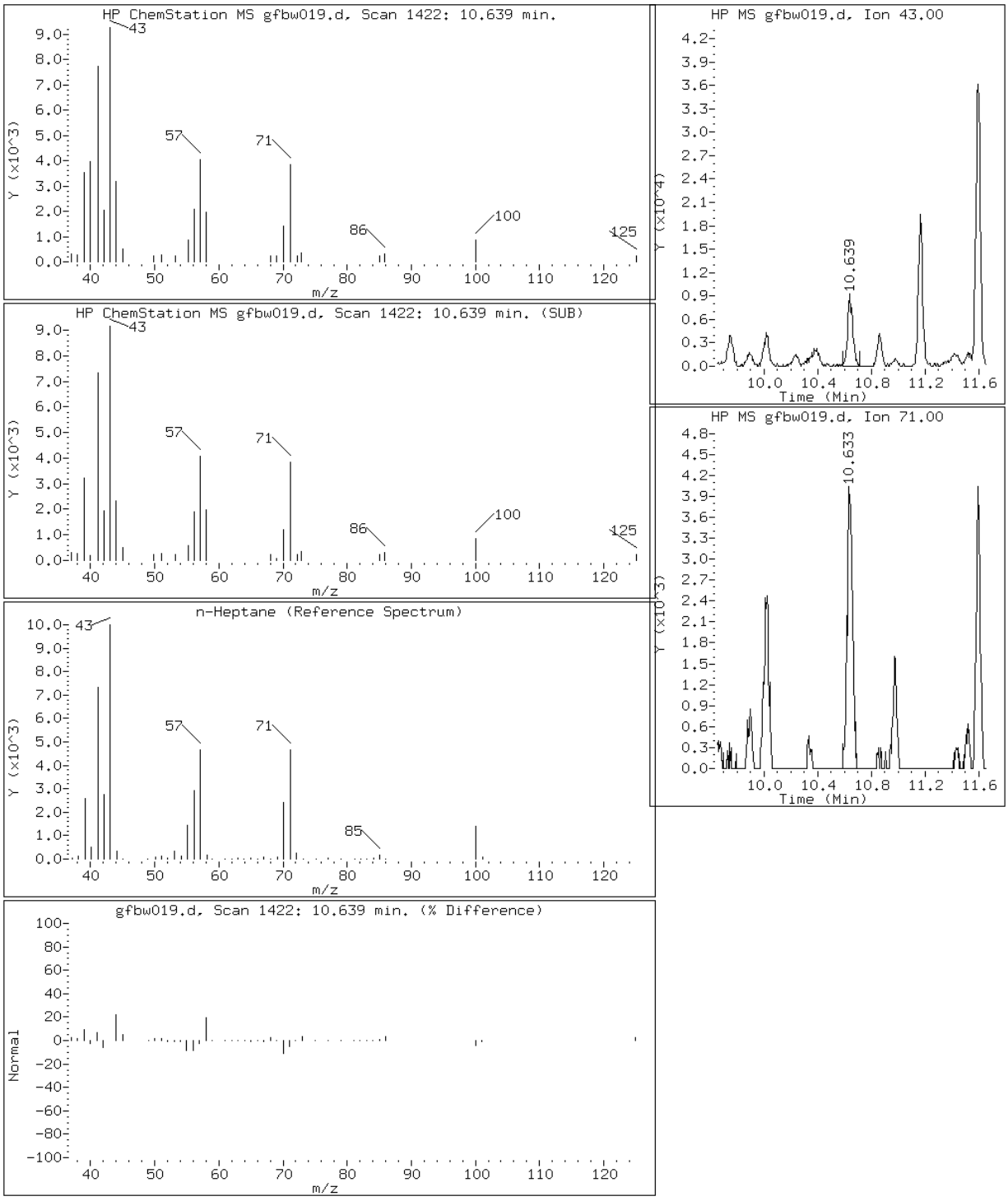
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

46 n-Heptane



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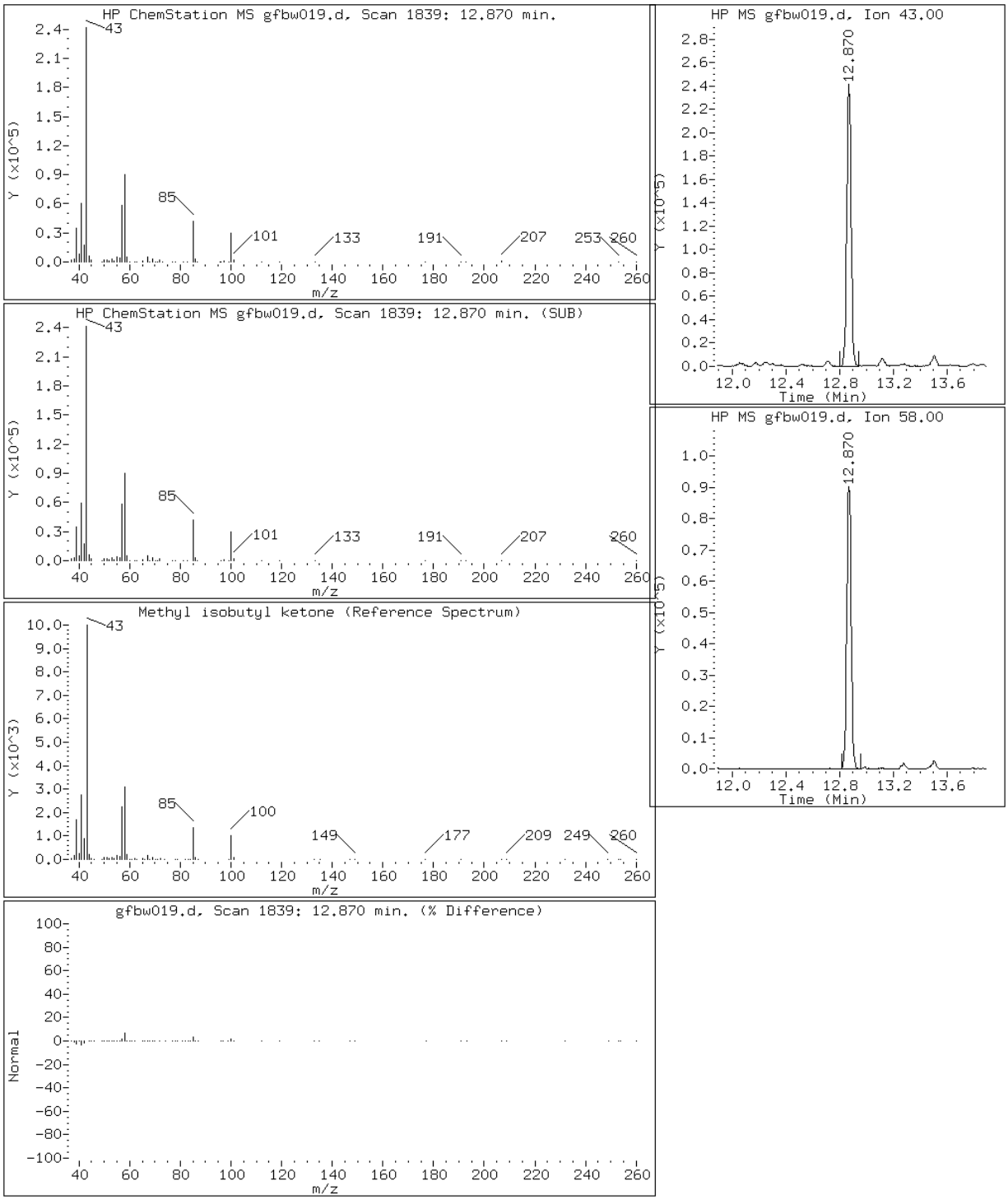
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

56 Methyl isobutyl ketone



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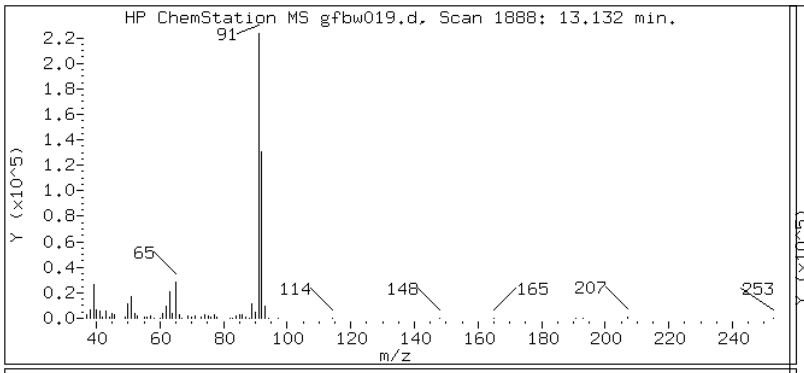
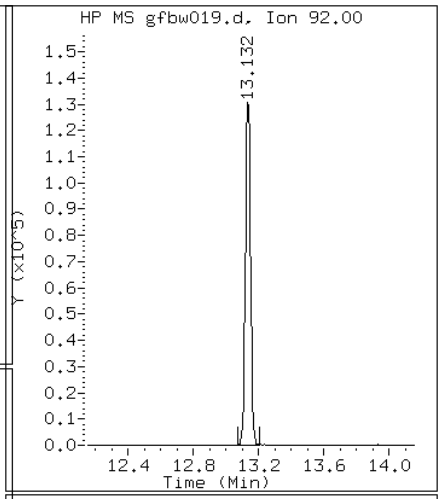
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

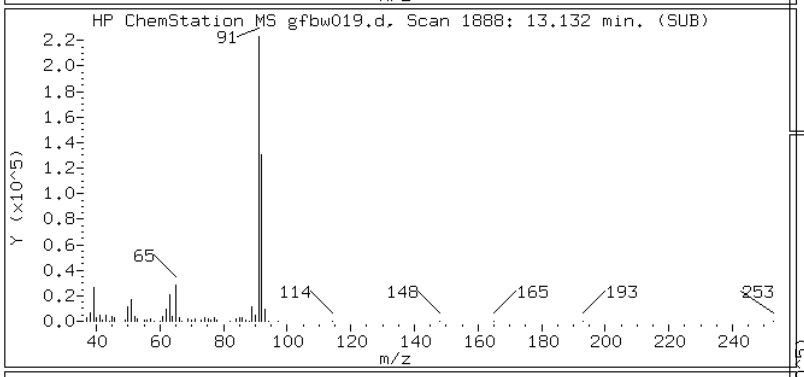
Client ID: CE-VAPOR-6 Instrument: G.i

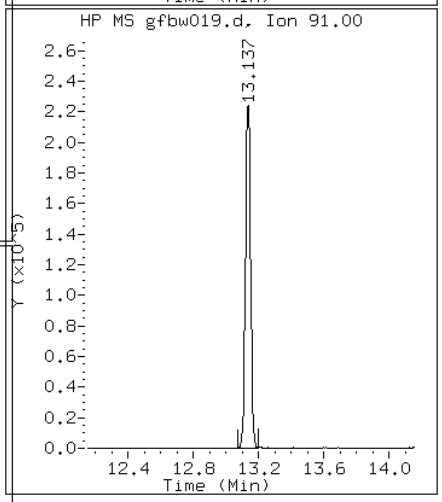
Sample Info: 220-13862-A-7 Operator: wrd

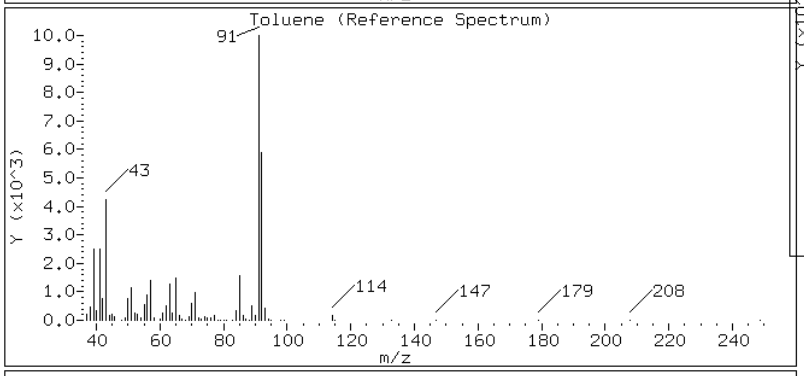
58 Toluene

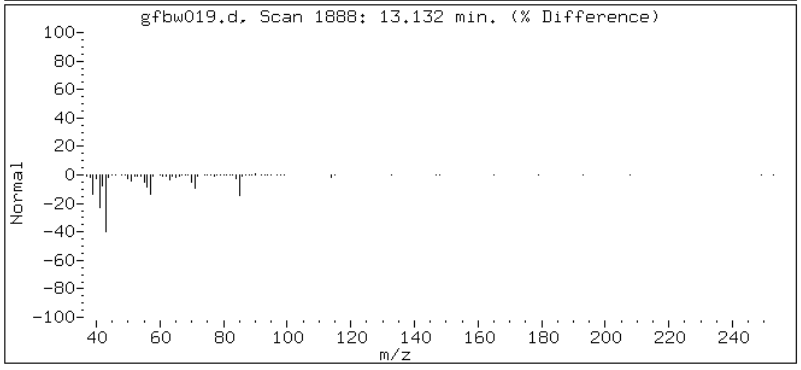












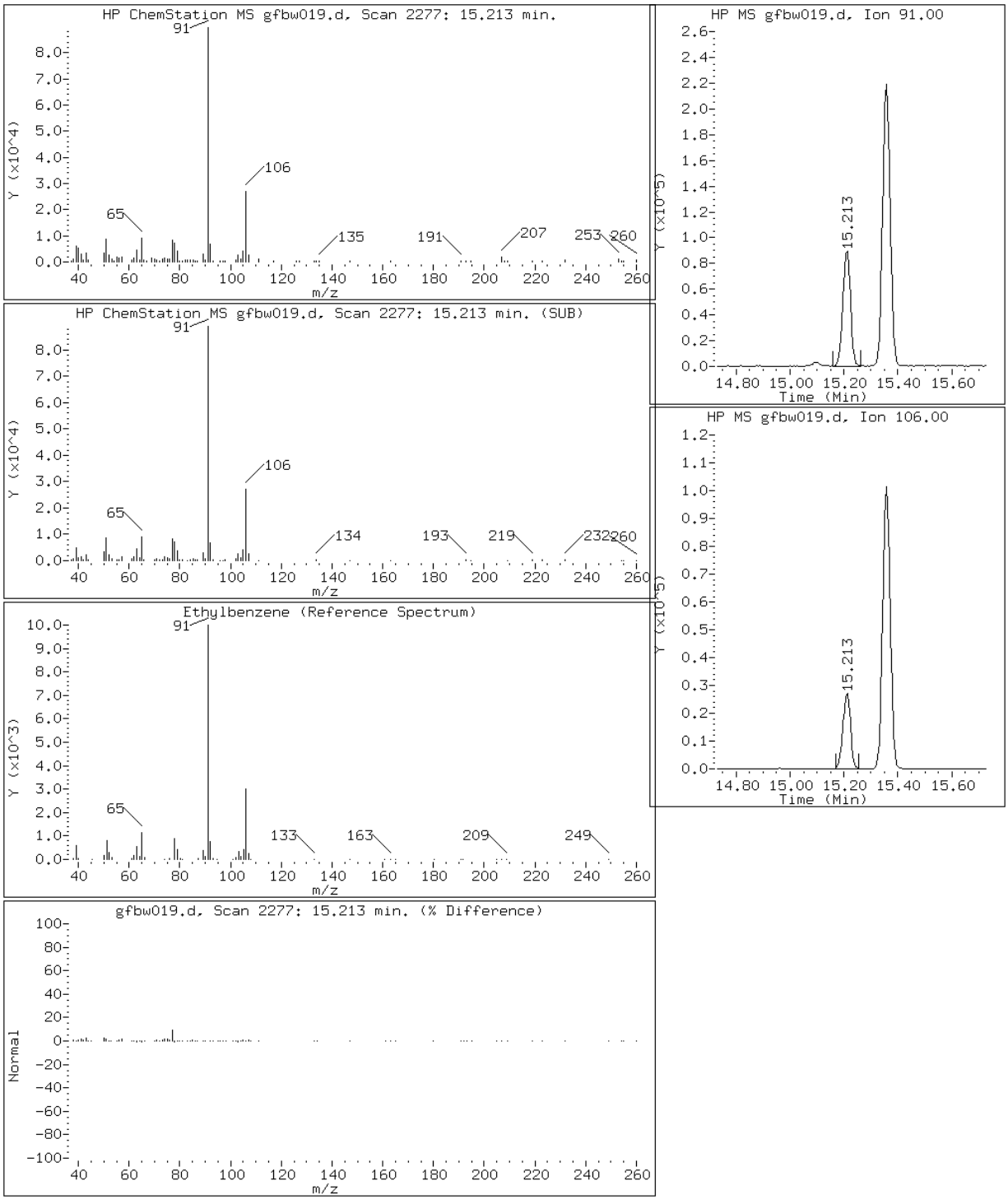
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

68 Ethylbenzene



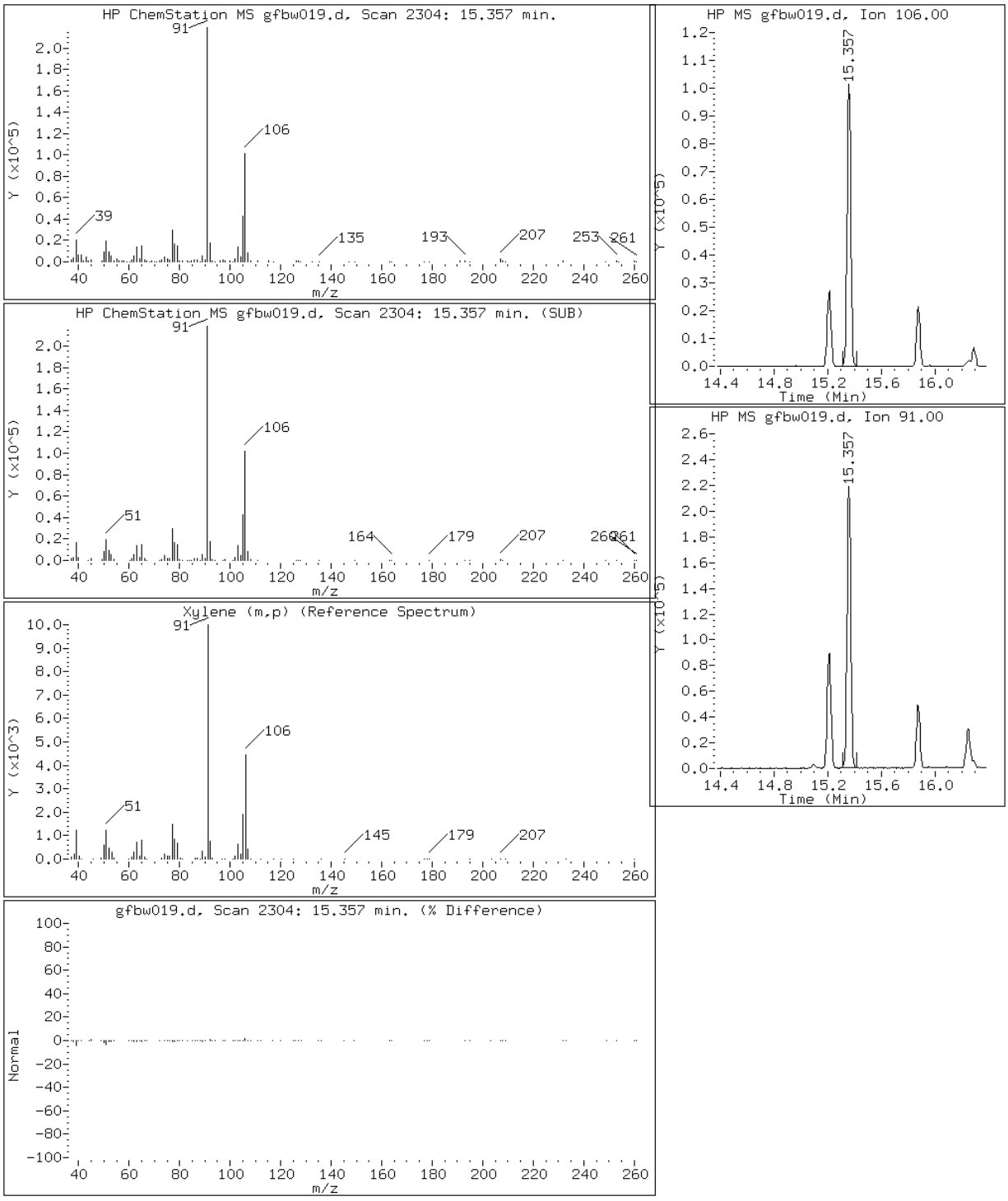
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

69 Xylene (m,p)



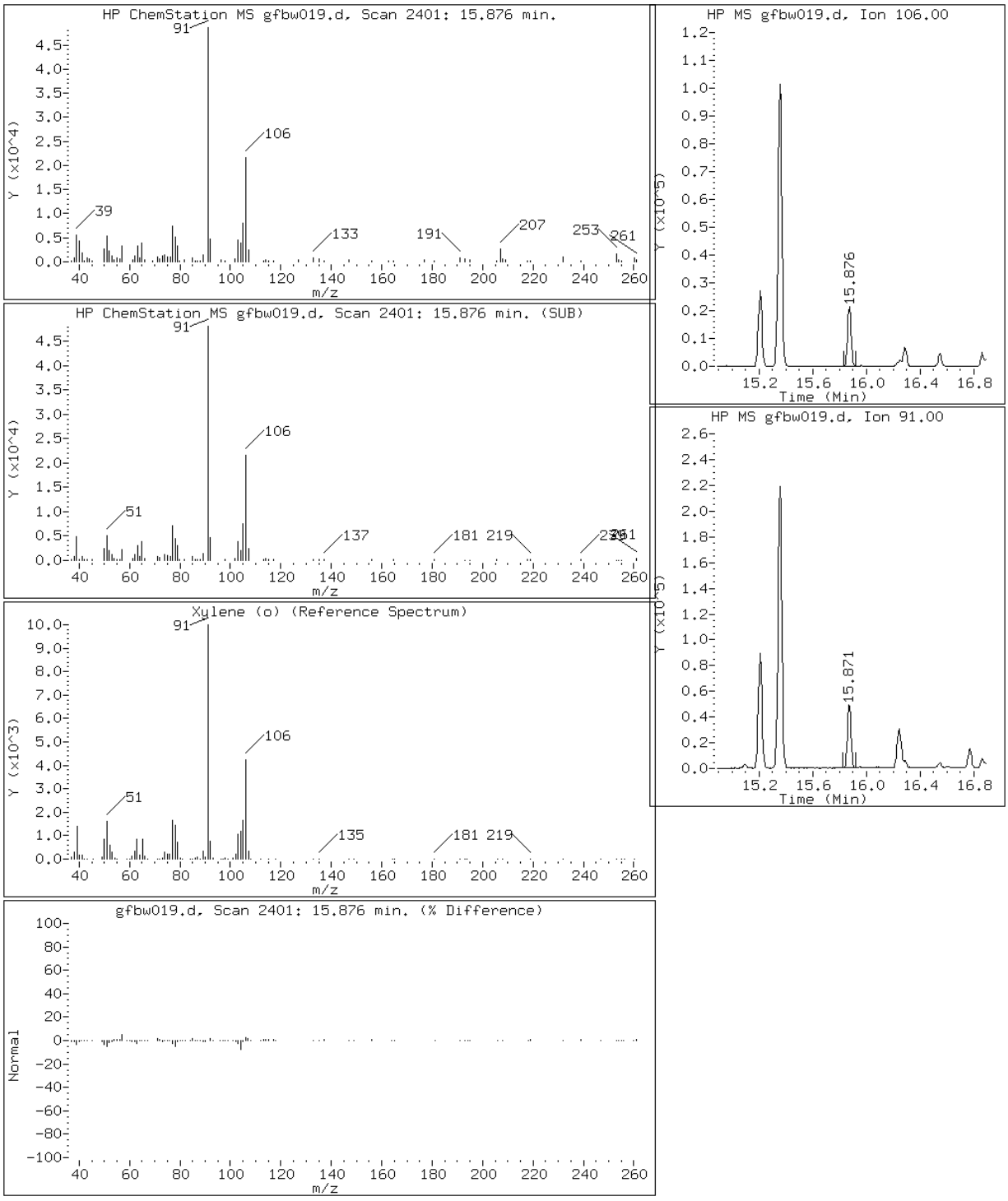
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

71 Xylene (o)



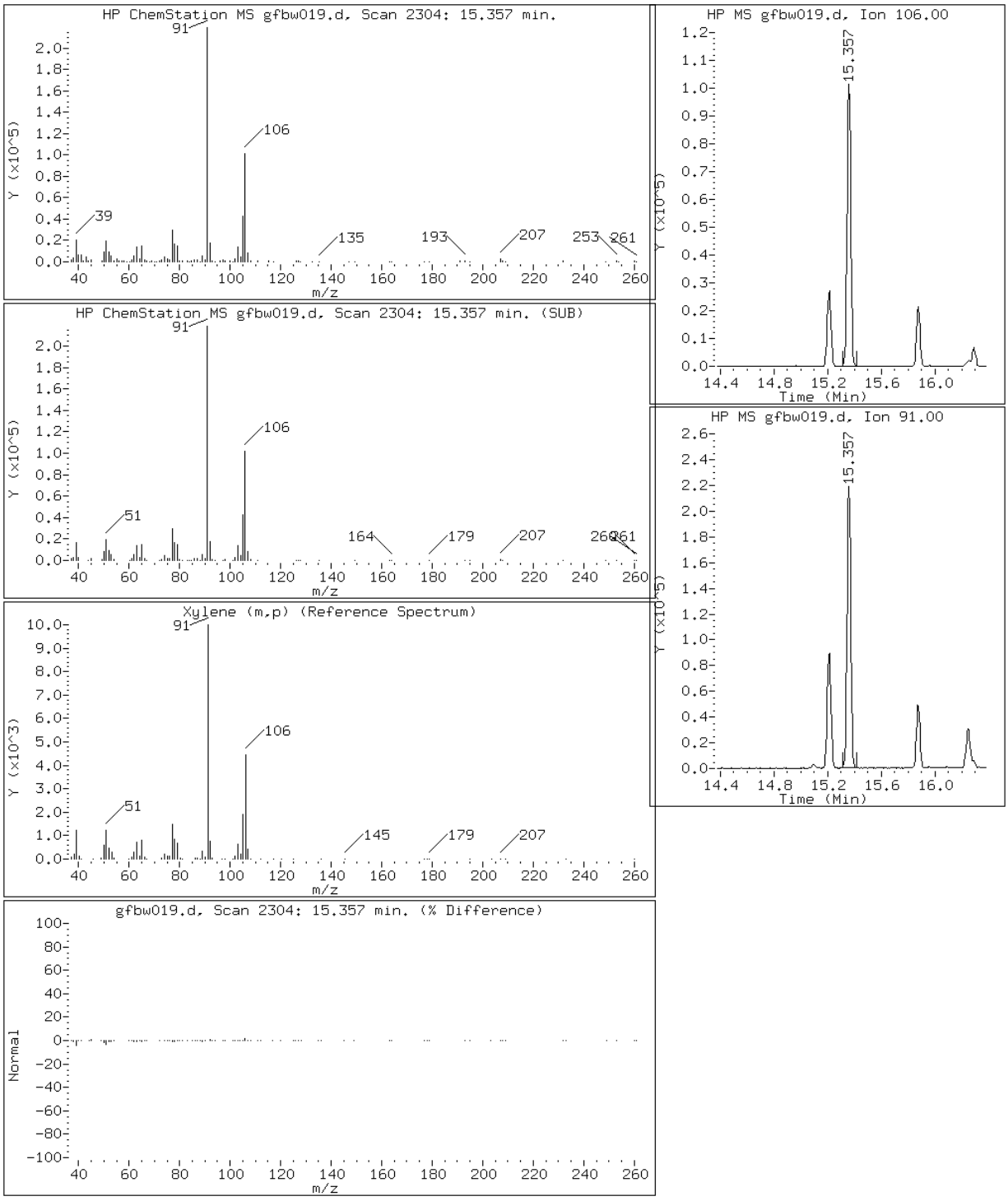
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

69 Xylene (m,p)



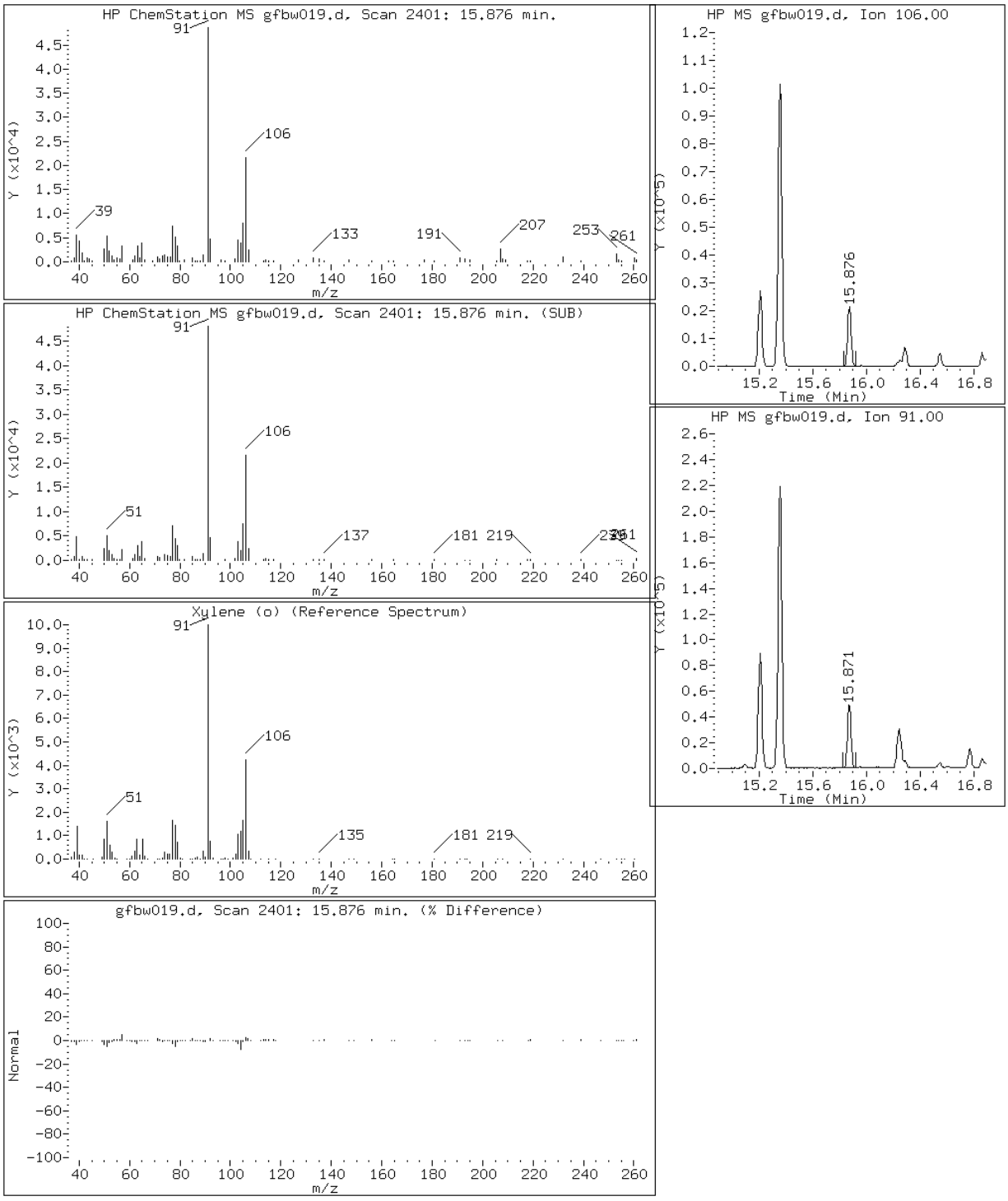
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

71 Xylene (o)



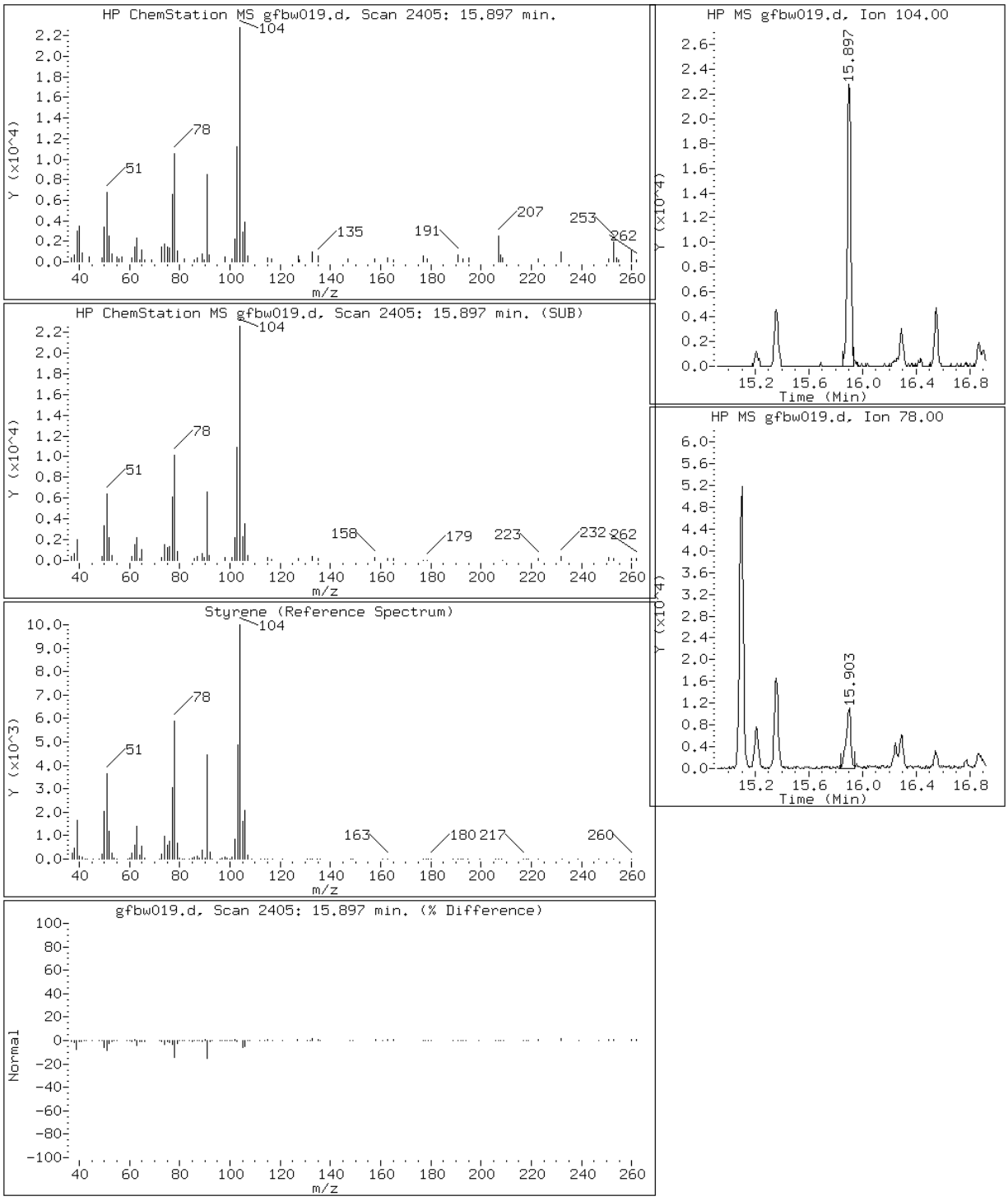
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

72 Styrene



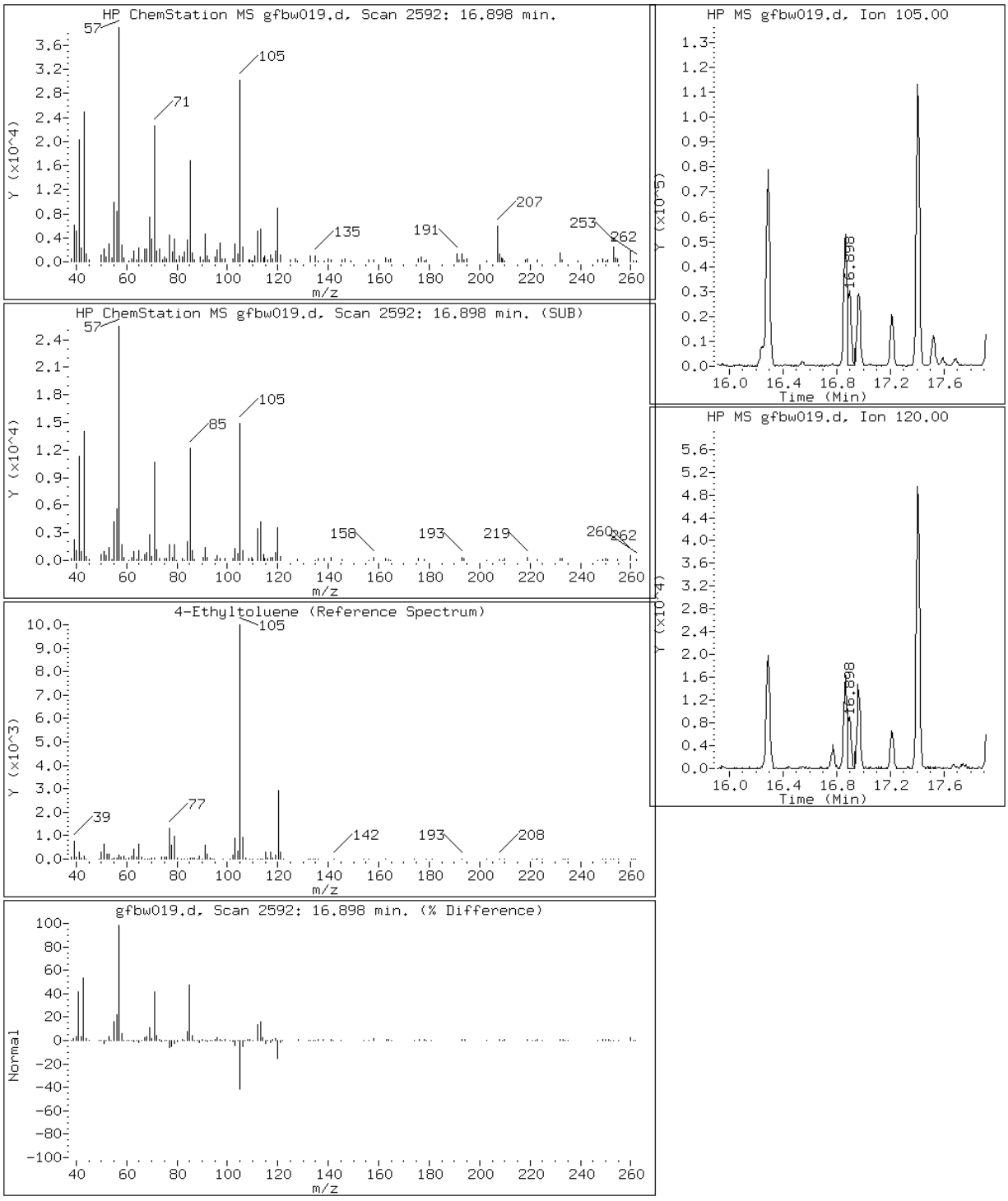
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

79 4-Ethyltoluene



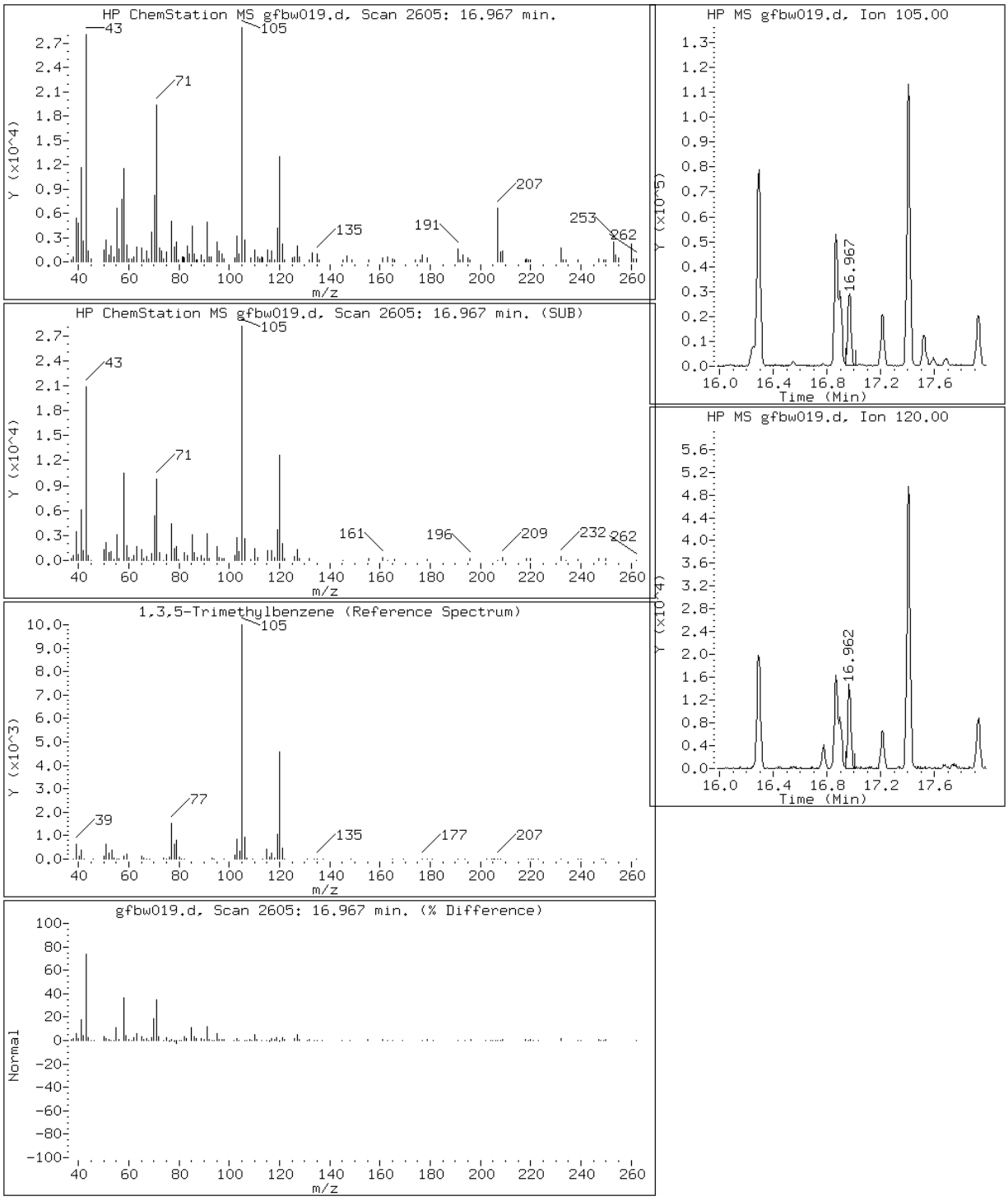
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

81 1,3,5-Trimethylbenzene



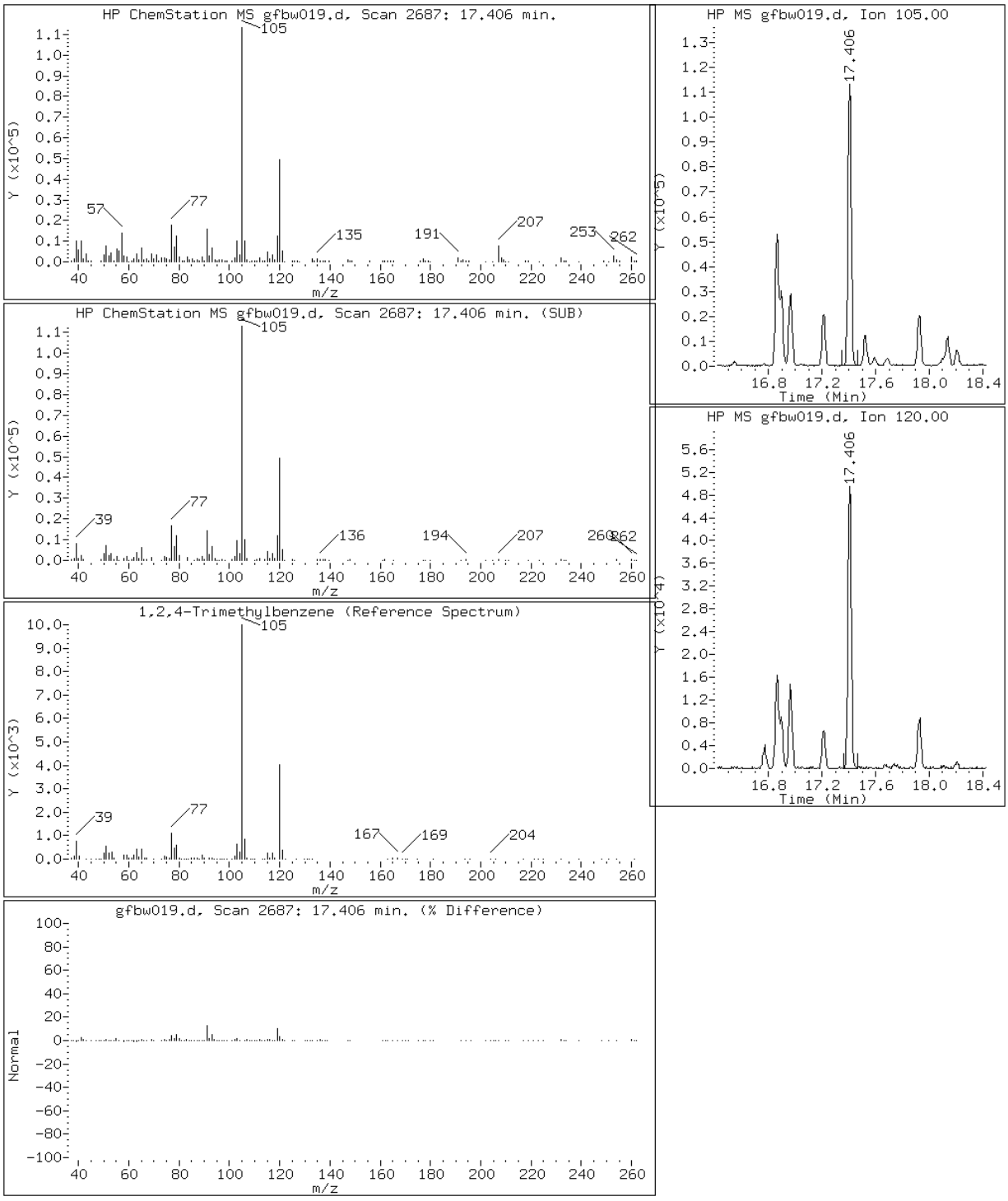
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

84 1,2,4-Trimethylbenzene



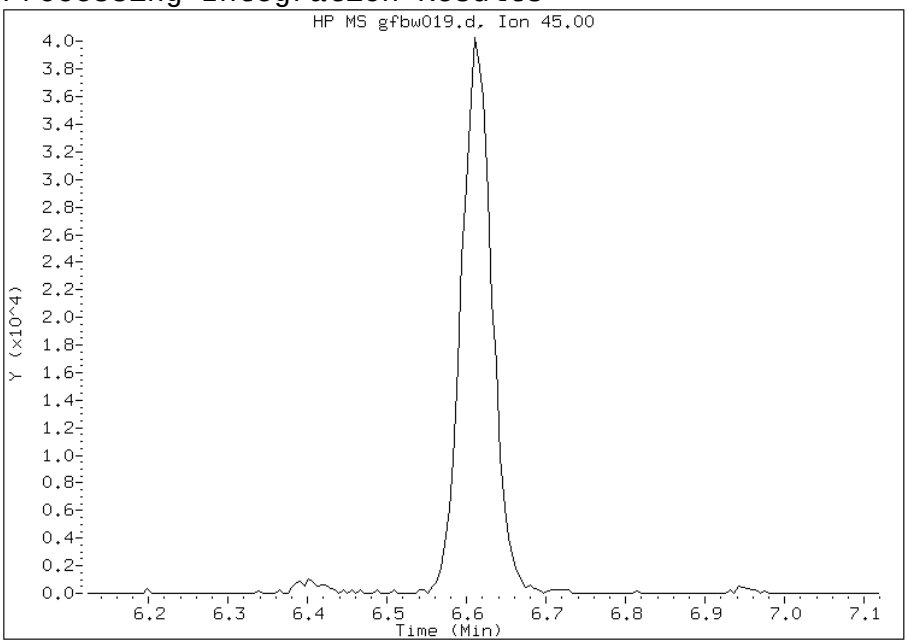
Manual Integration Report

Data File: gfbw019.d
Lab Sample ID: 220-13862-7
Inj. Date and Time: 06-NOV-2010 04:13
Instrument ID: G.i
Client ID: CE-VAPOR-6
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 11/06/2010

Processing Integration Results

Not Detected

Expected RT: 6.62



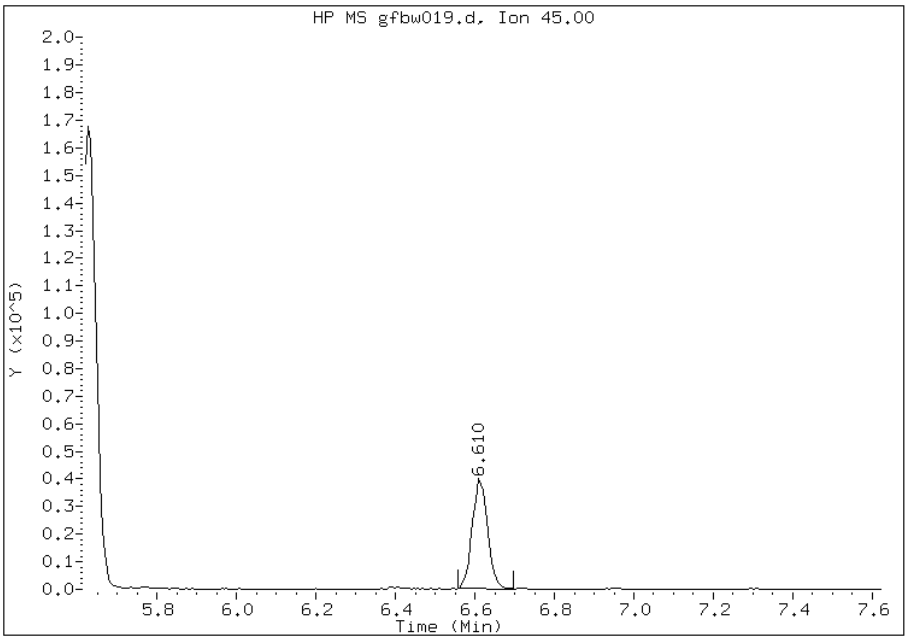
Manual Integration Results

RT: 6.61

Response: 105790

Amount: 2.68

Conc: 2.68



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

Manual Integration Report

Data File: gfbw019.d
Lab Sample ID: 220-13862-7
Inj. Date and Time: 06-NOV-2010 04:13
Instrument ID: G.i
Client ID: CE-VAPOR-6
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

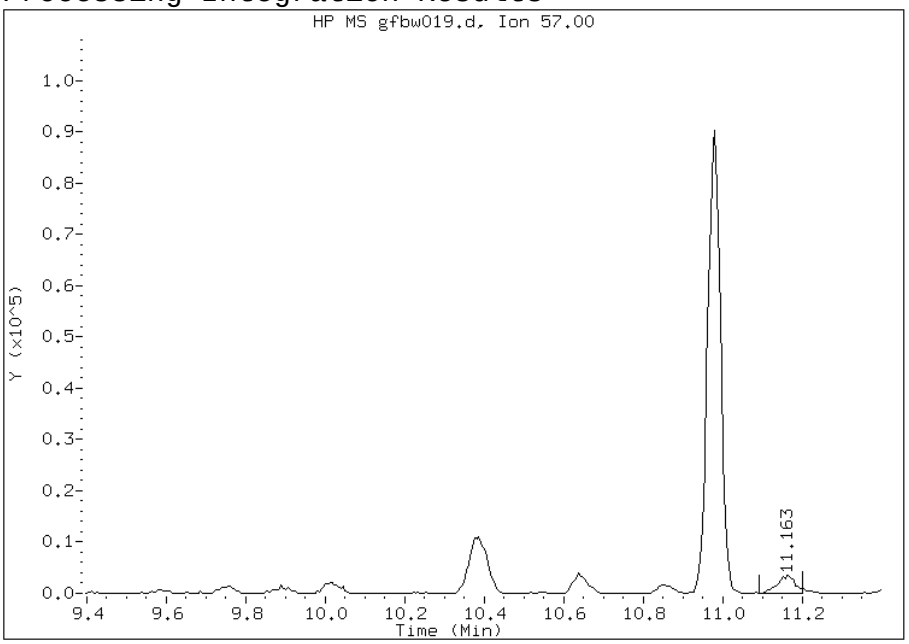
Processing Integration Results

RT: 11.16

Response: 10869

Amount: 0.062976

Conc: 0.062976



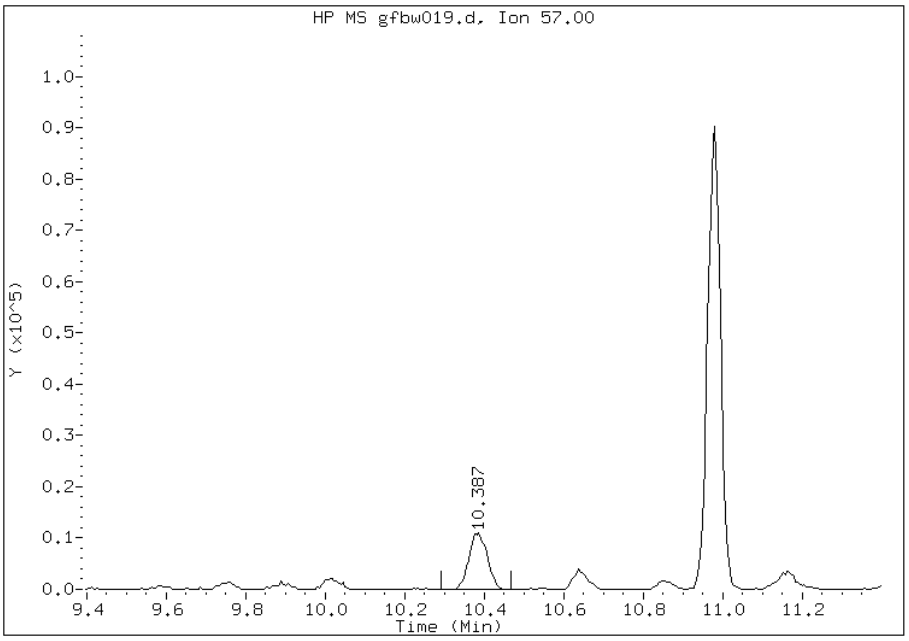
Manual Integration Results

RT: 10.39

Response: 35228

Amount: 0.204115

Conc: 0.204115



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

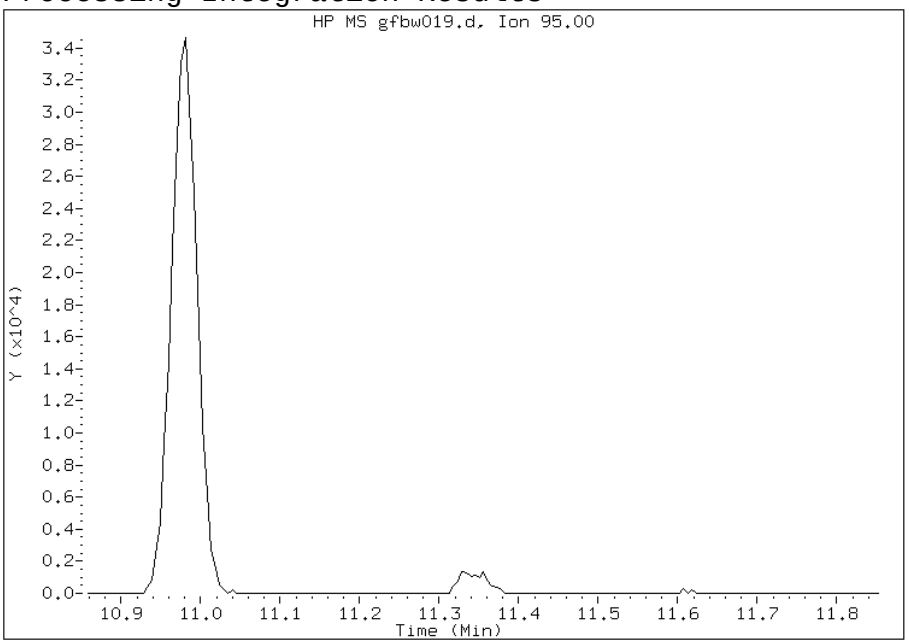
Manual Integration Report

Data File: gfbw019.d
Lab Sample ID: 220-13862-7
Inj. Date and Time: 06-NOV-2010 04:13
Instrument ID: G.i
Client ID: CE-VAPOR-6
Compound: 49 Trichloroethene
CAS #: 79-01-6
Report Date: 11/06/2010

Processing Integration Results

Not Detected

Expected RT: 11.36



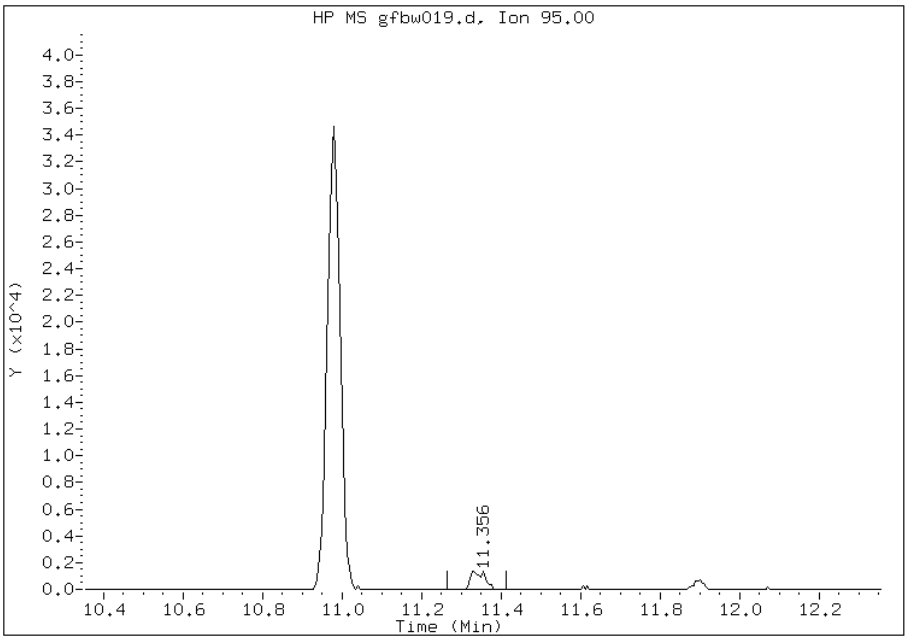
Manual Integration Results

RT: 11.36

Response: 3300

Amount: 0.048726

Conc: 0.048726



File Uploaded By: njr
Manual Integration Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.96		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	13		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.26		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	2.4		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.41		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.23		0.20	0.015
142-82-5	n-Heptane	100.21	0.23		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.60		0.50	0.064
108-88-3	Toluene	92.14	2.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.32		0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.86		0.50	0.023
95-47-6	Xylene, o-	106.17	0.20		0.20	0.050
1330-20-7	Xylene (total)	106.17	1.1		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	2.0		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	30		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.91		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	7.1		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	1.3		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.92		0.81	0.061
142-82-5	n-Heptane	100.21	0.94		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.5		2.0	0.26
108-88-3	Toluene	92.14	7.7		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	1.4		0.87	0.061
179601-23-1	m,p-Xylene	106.17	3.7		2.2	0.10
95-47-6	Xylene, o-	106.17	0.89		0.87	0.22
1330-20-7	Xylene (total)	106.17	4.6		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-8
Client Smp ID: CE-VAPOR-7
Inj Date : 06-NOV-2010 05:01
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-8
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	76113	0.49276	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	26842	0.96136	0.96
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.791	3.796	(0.396)	2425	0.10459	0.10(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.177	5.187	(0.541)	42384	0.26092	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	9120	0.09144	0.091(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.407	6.423	(0.669)	762331	12.7664	13
21 Carbon disulfide	76	6.643	6.658	(0.694)	23654	0.18044	0.18(a)
22 Isopropanol	45	6.616	6.621	(0.691)	79194	1.92968	1.9(aM)
23 Allyl chloride	41	Compound Not Detected.					

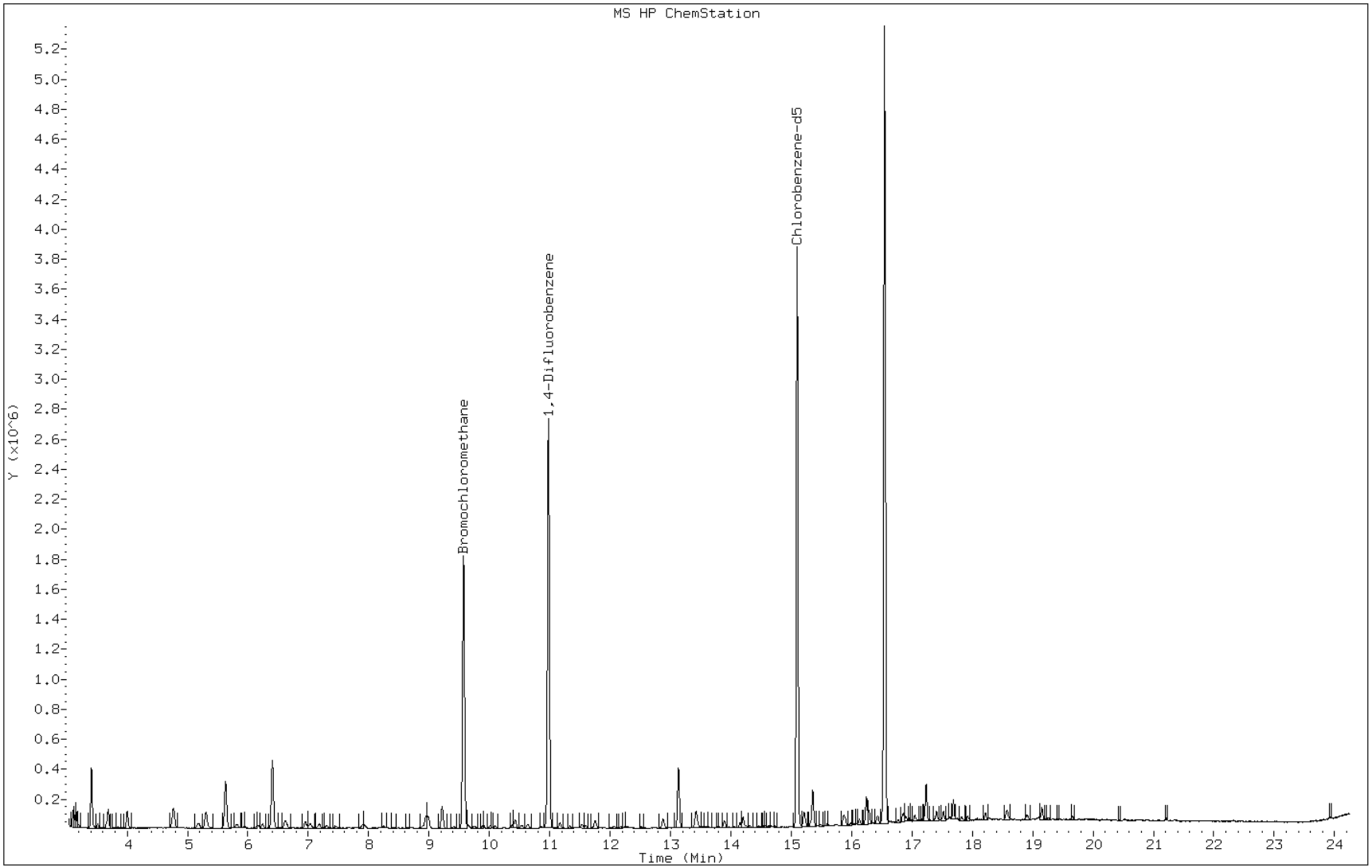
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.188	7.199	(0.751)	15178	0.31805	0.32(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.894	7.910	(0.825)	15092	0.25853	0.26
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.210	9.232	(0.962)	42451	2.39580	2.4(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	552072	10.0000	(Q)
	38 Tetrahydrofuran	42	9.585	9.601	(0.873)	106144	2.98571	3.0(a)
	39 Chloroform	83	9.649	9.665	(1.008)	15398	0.13567	0.14(a)
	40 Cyclohexane	84	9.906	9.916	(0.903)	5750	0.09892	0.099(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	14112	0.09295	0.093(a)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.946)	30283	0.15895	0.16(a)
	44 Benzene	78	10.425	10.451	(0.950)	58244	0.40943	0.41
	45 1,2-Dichloroethane	62	10.537	10.558	(0.960)	18727	0.22830	0.23
	46 n-Heptane	43	10.639	10.655	(0.969)	15800	0.22893	0.23
*	47 1,4-Difluorobenzene	114	10.976	11.002	(1.000)	2701381	10.0000	
	49 Trichloroethene	95	11.329	11.355	(1.032)	5722	0.07652	0.077(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.875	12.891	(1.173)	49897	0.60475	0.60
	58 Toluene	92	13.132	13.153	(0.870)	207130	2.05561	2.1
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.897	13.913	(0.921)	17389	0.15566	0.16(a)
	62 2-Hexanone	43	14.052	14.068	(0.931)	8595	0.10883	0.11(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2554525	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.207	15.229	(1.007)	72672	0.31878	0.32
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	74128	0.85631	0.86
M	70 Xylenes, Total	106				91815	1.06017	1.1
	71 Xylene (o)	106	15.871	15.892	(1.051)	17687	0.20387	0.20
	72 Styrene	104	15.898	15.919	(1.053)	22532	0.17524	0.18(a)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	11674	0.05180	0.052(a)
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	30685	0.13757	0.14(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw020.d	Date:	06-NOV-2010 05:01
Client ID:	CE-VAPOR-7	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-8		
Lab Sample ID:	220-13862-8		



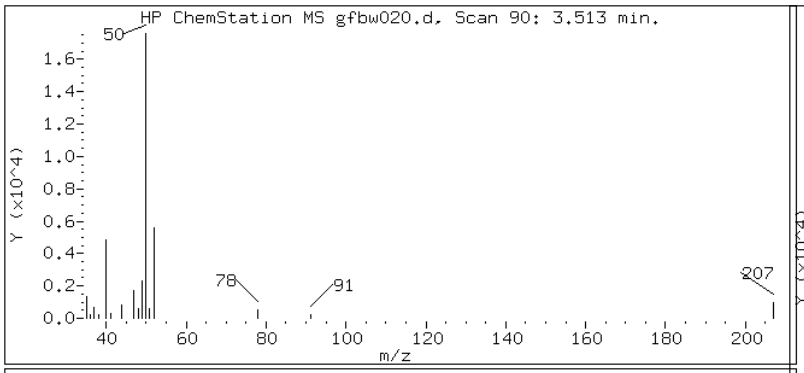
Data File: gfbw020.d

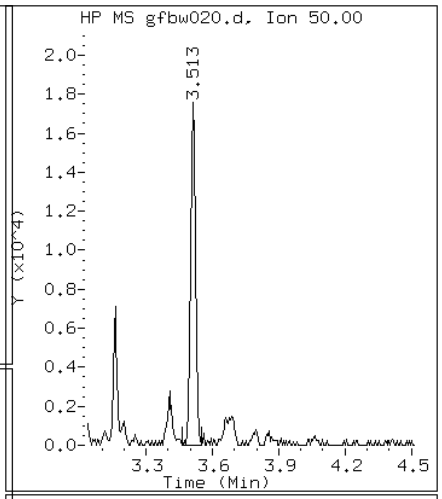
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

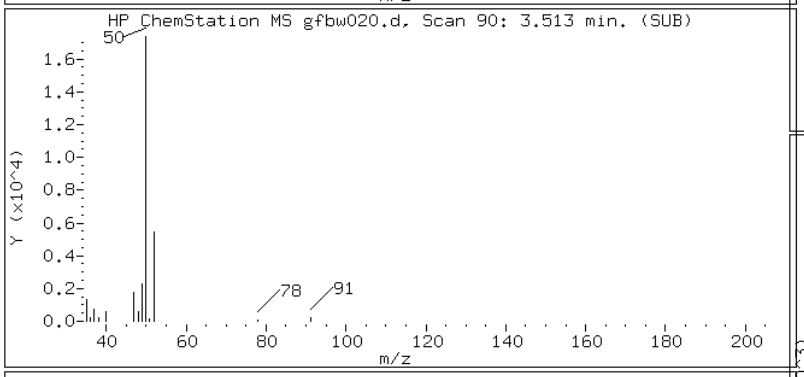
Client ID: CE-VAPOR-7 Instrument: G.i

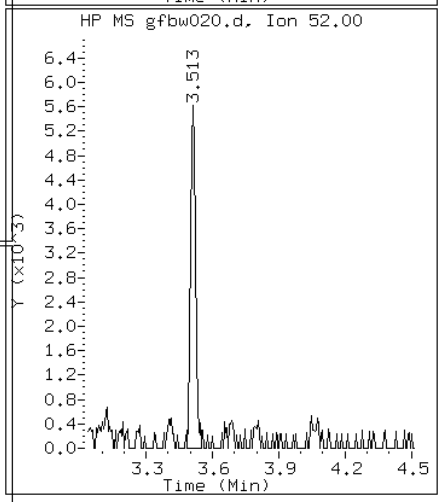
Sample Info: 220-13862-A-8 Operator: wrd

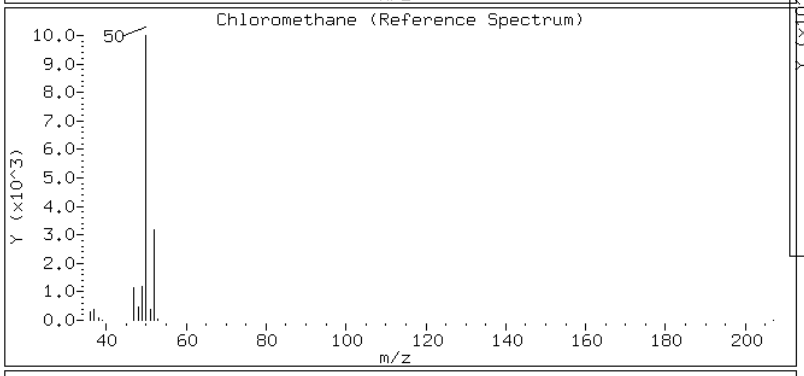
5 Chloromethane

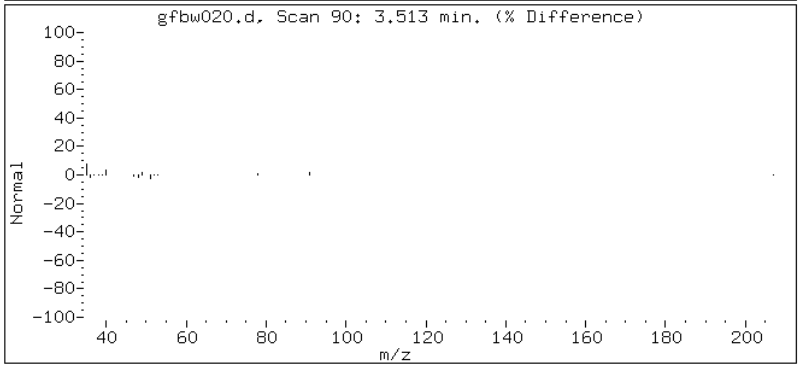












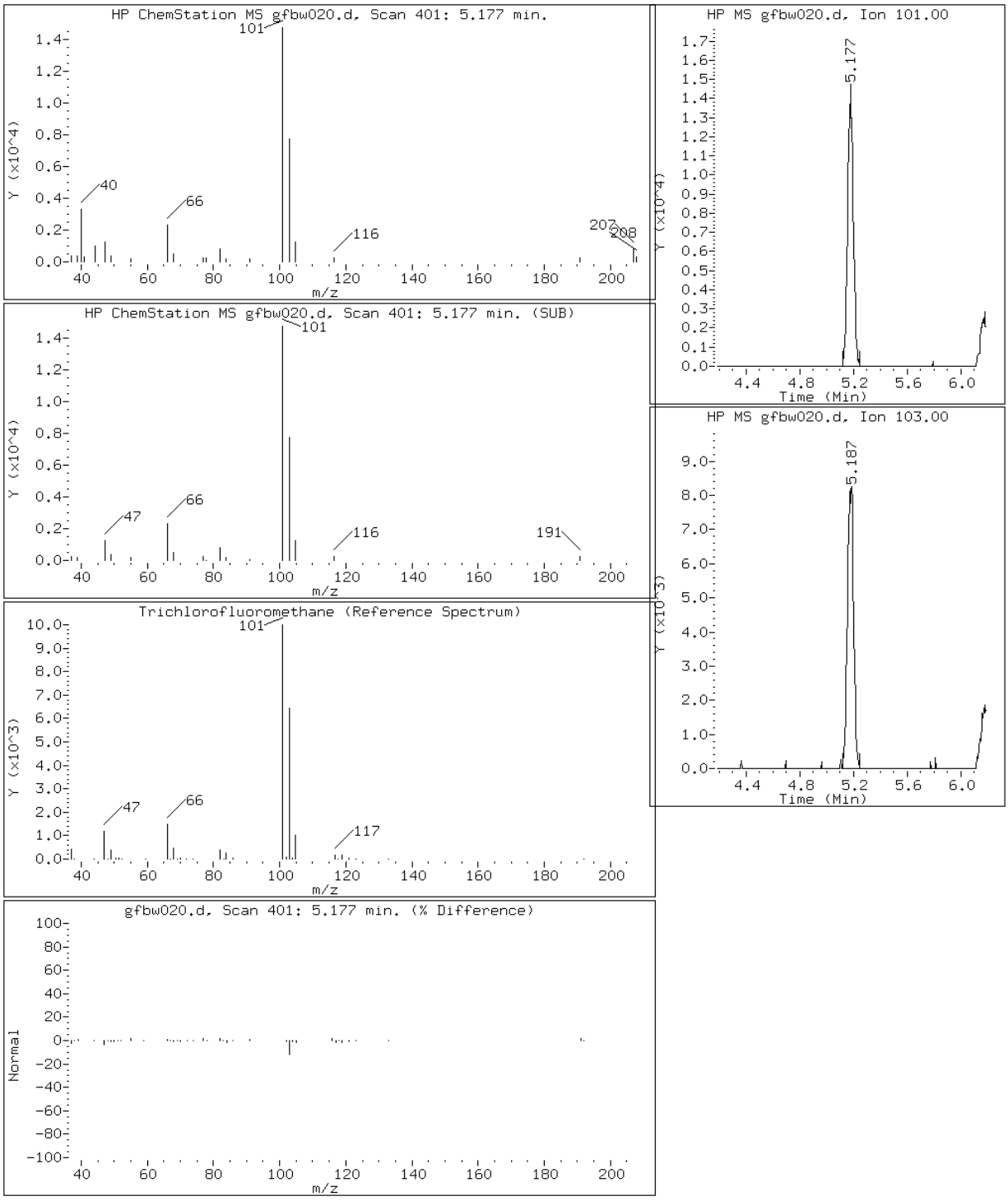
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

13 Trichlorofluoromethane



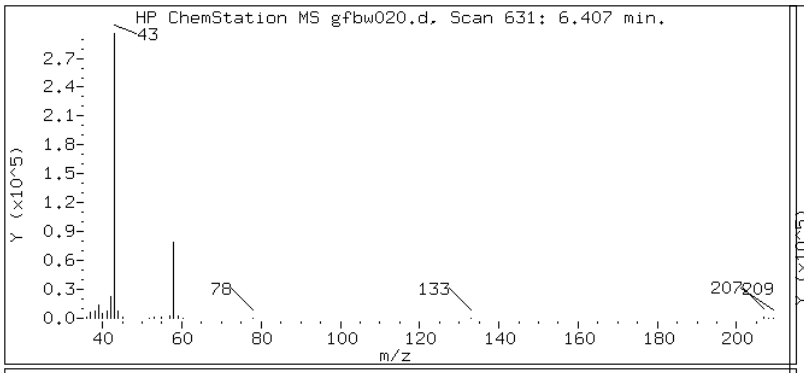
Data File: gfbw020.d

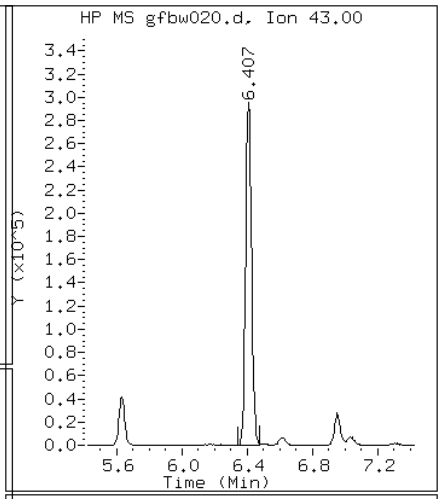
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

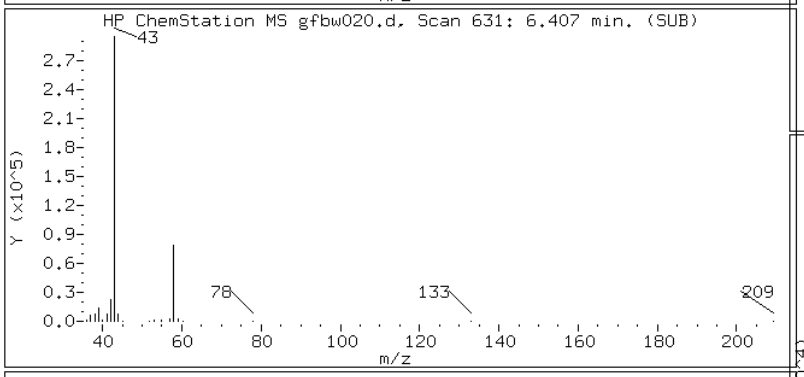
Client ID: CE-VAPOR-7 Instrument: G.i

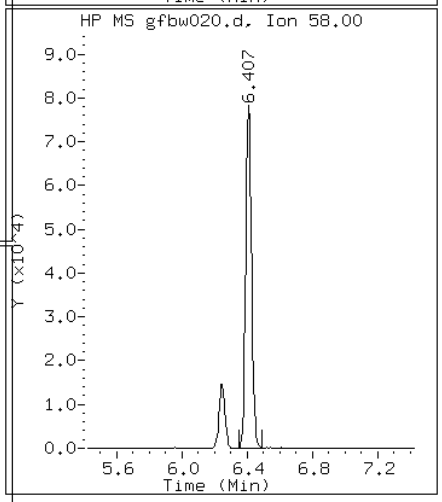
Sample Info: 220-13862-A-8 Operator: wrd

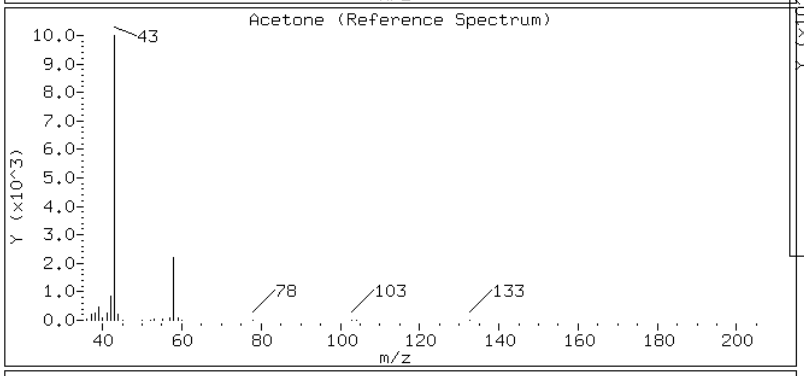
20 Acetone

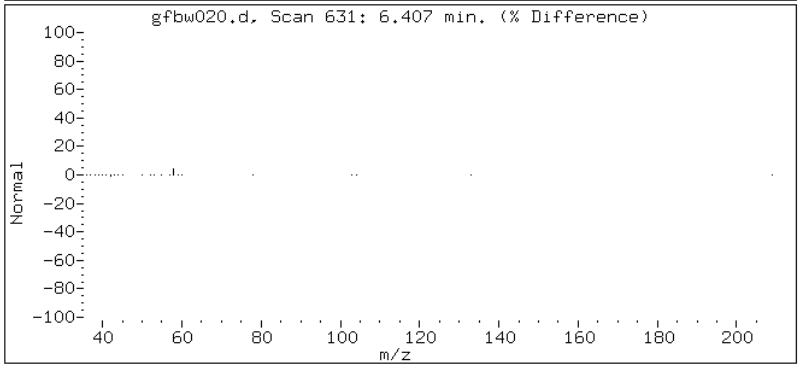












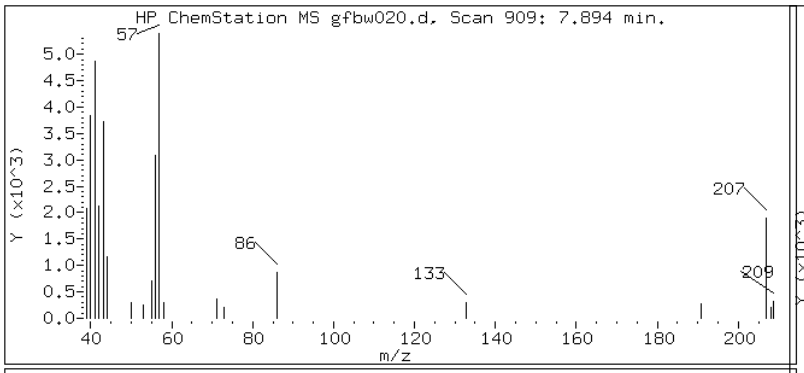
Data File: gfbw020.d

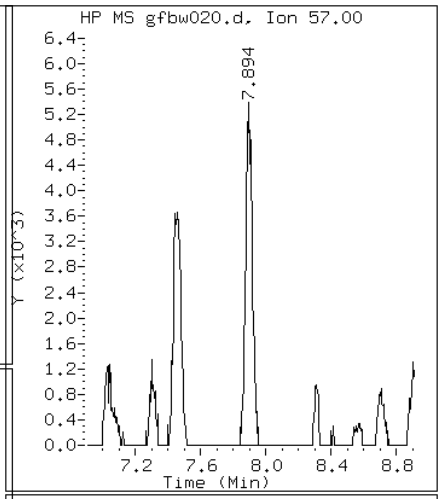
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

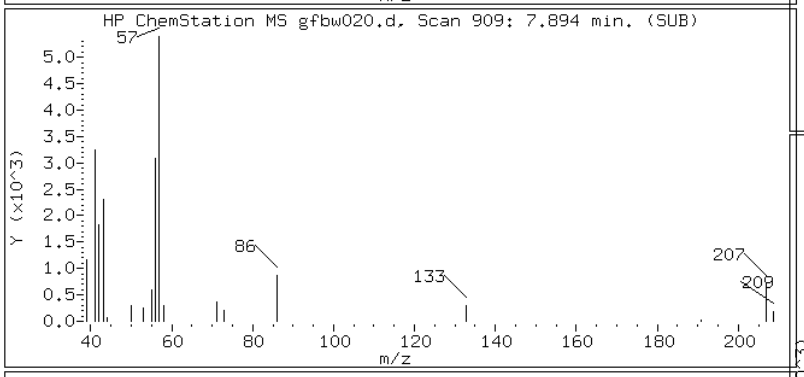
Client ID: CE-VAPOR-7 Instrument: G.i

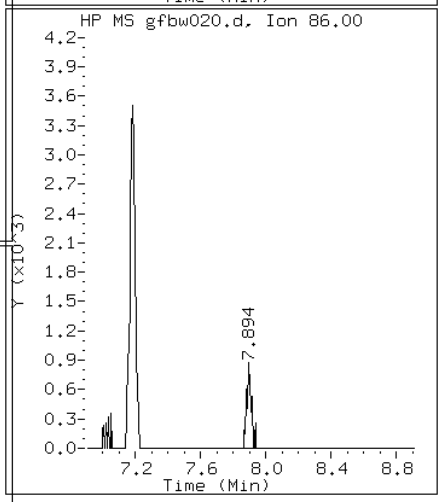
Sample Info: 220-13862-A-8 Operator: wrd

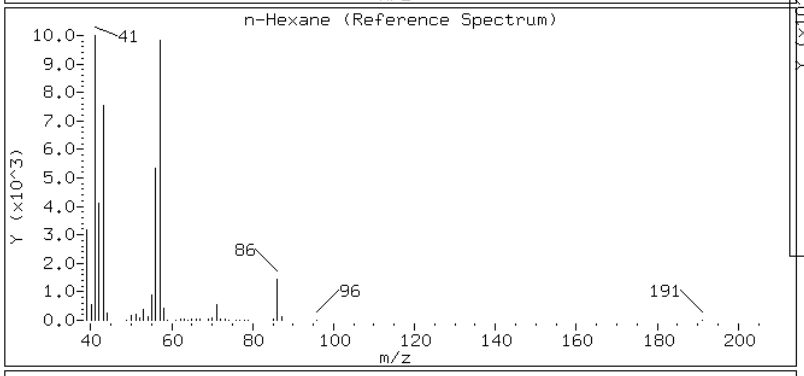
30 n-Hexane

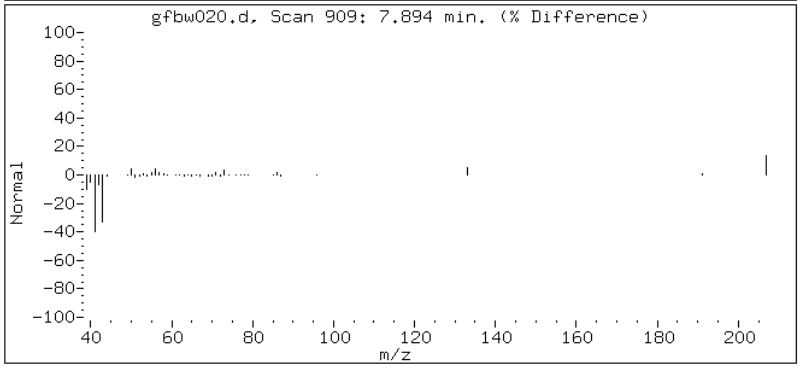












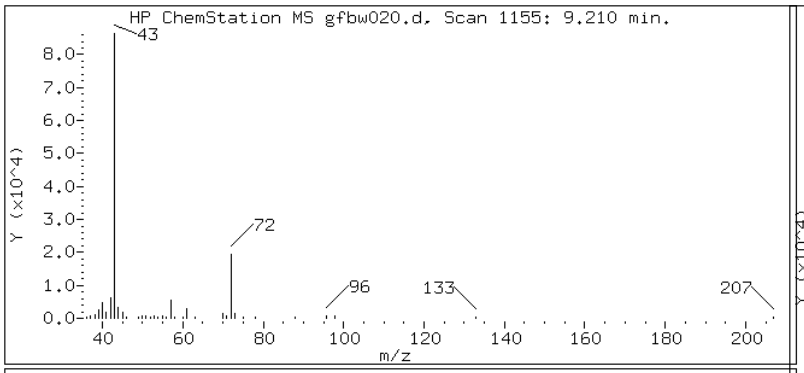
Data File: gfbw020.d

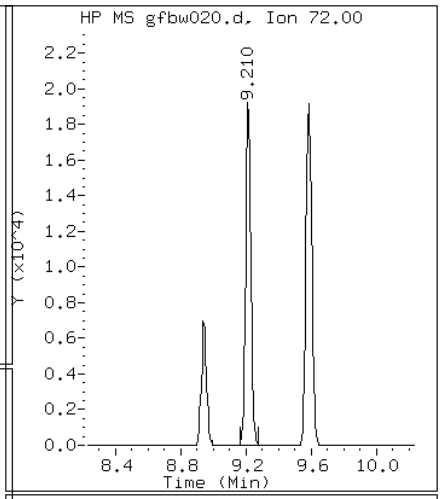
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

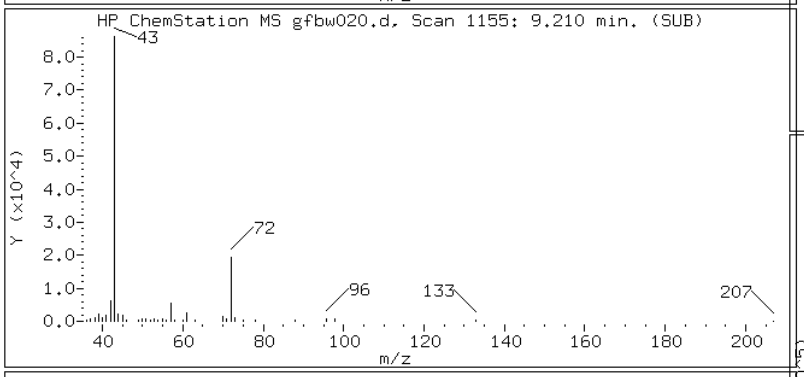
Client ID: CE-VAPOR-7 Instrument: G.i

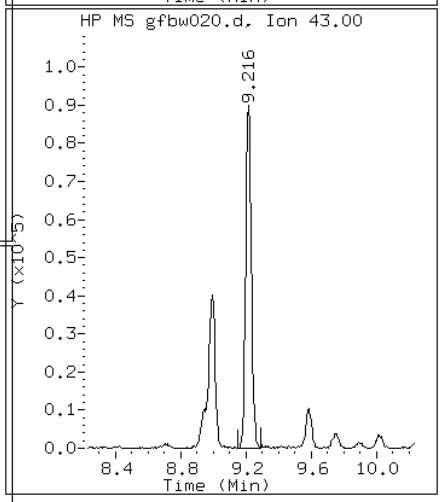
Sample Info: 220-13862-A-8 Operator: wrd

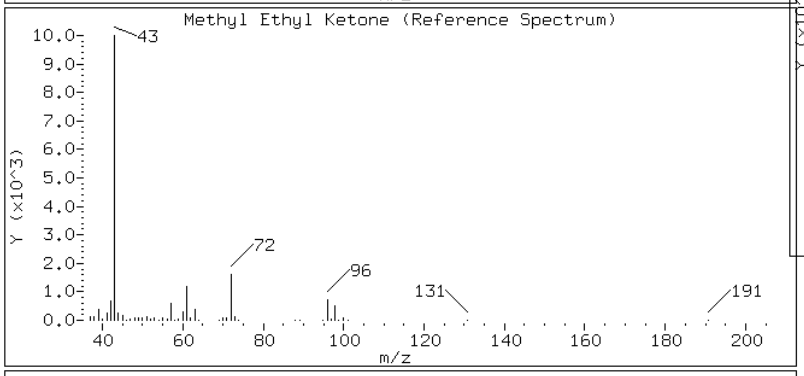
36 Methyl Ethyl Ketone

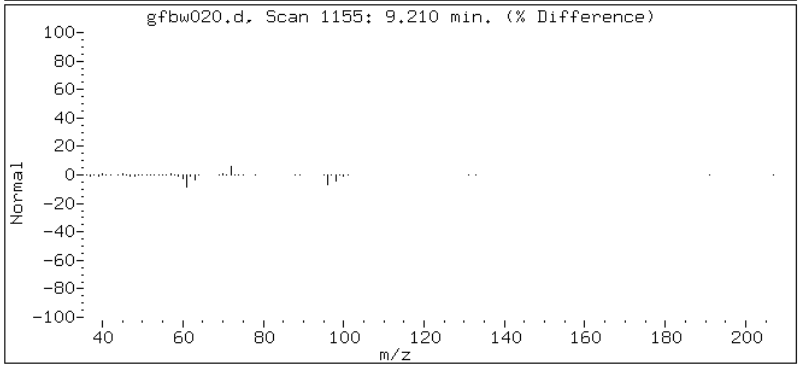












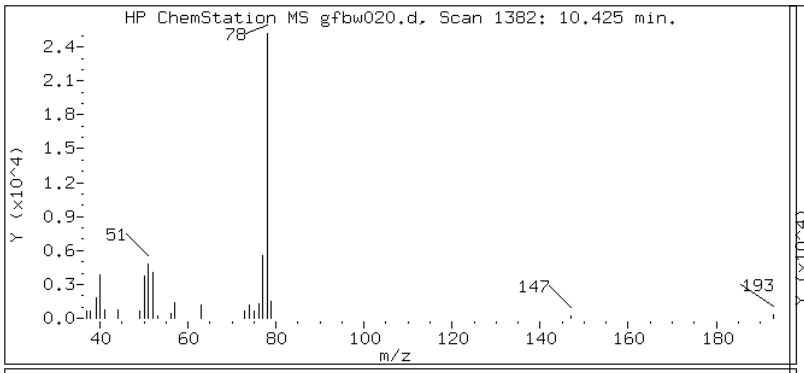
Data File: gfbw020.d

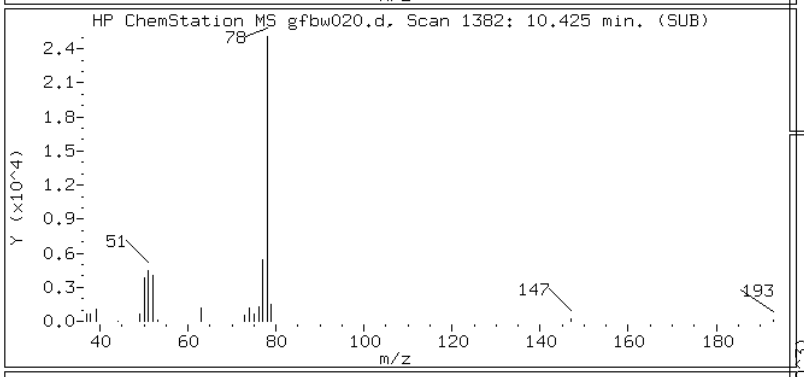
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

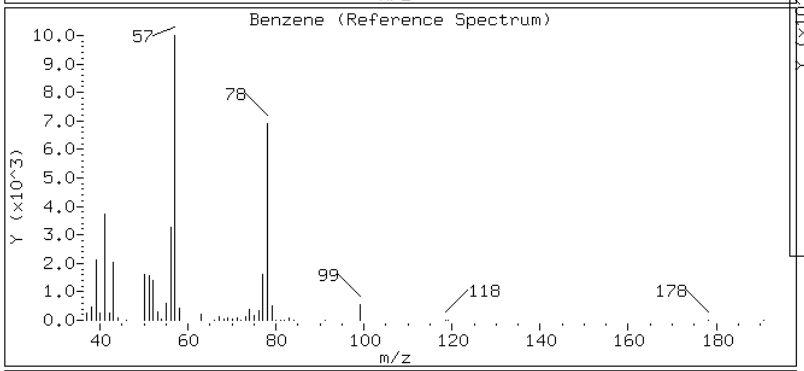
Client ID: CE-VAPOR-7 Instrument: G.i

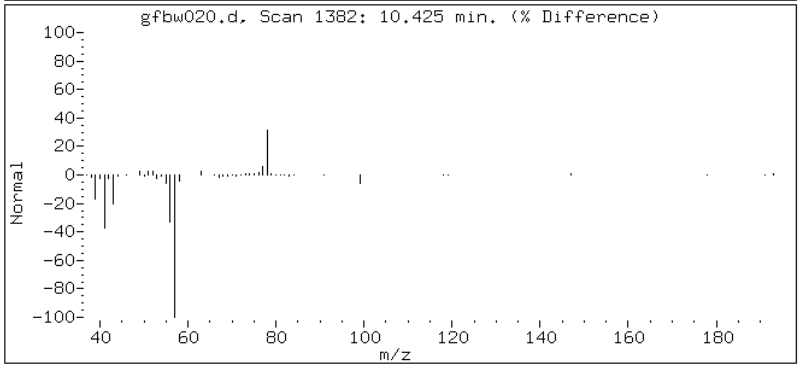
Sample Info: 220-13862-A-8 Operator: wrd

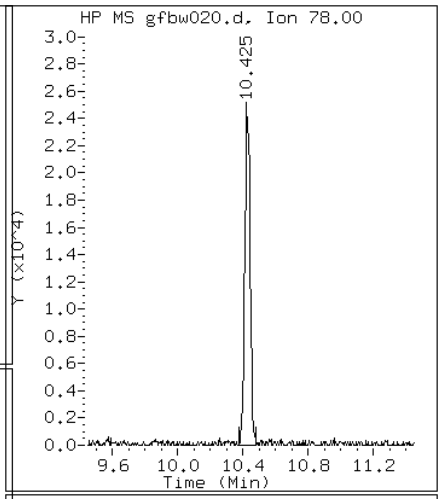
44 Benzene

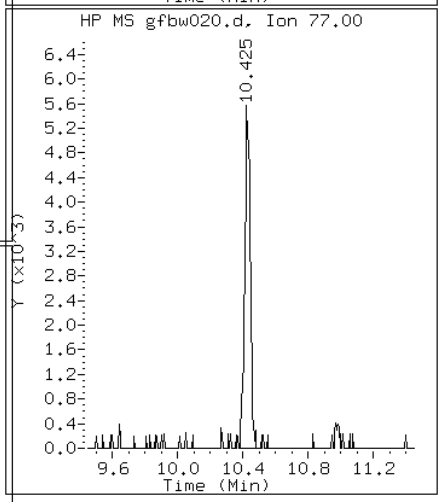












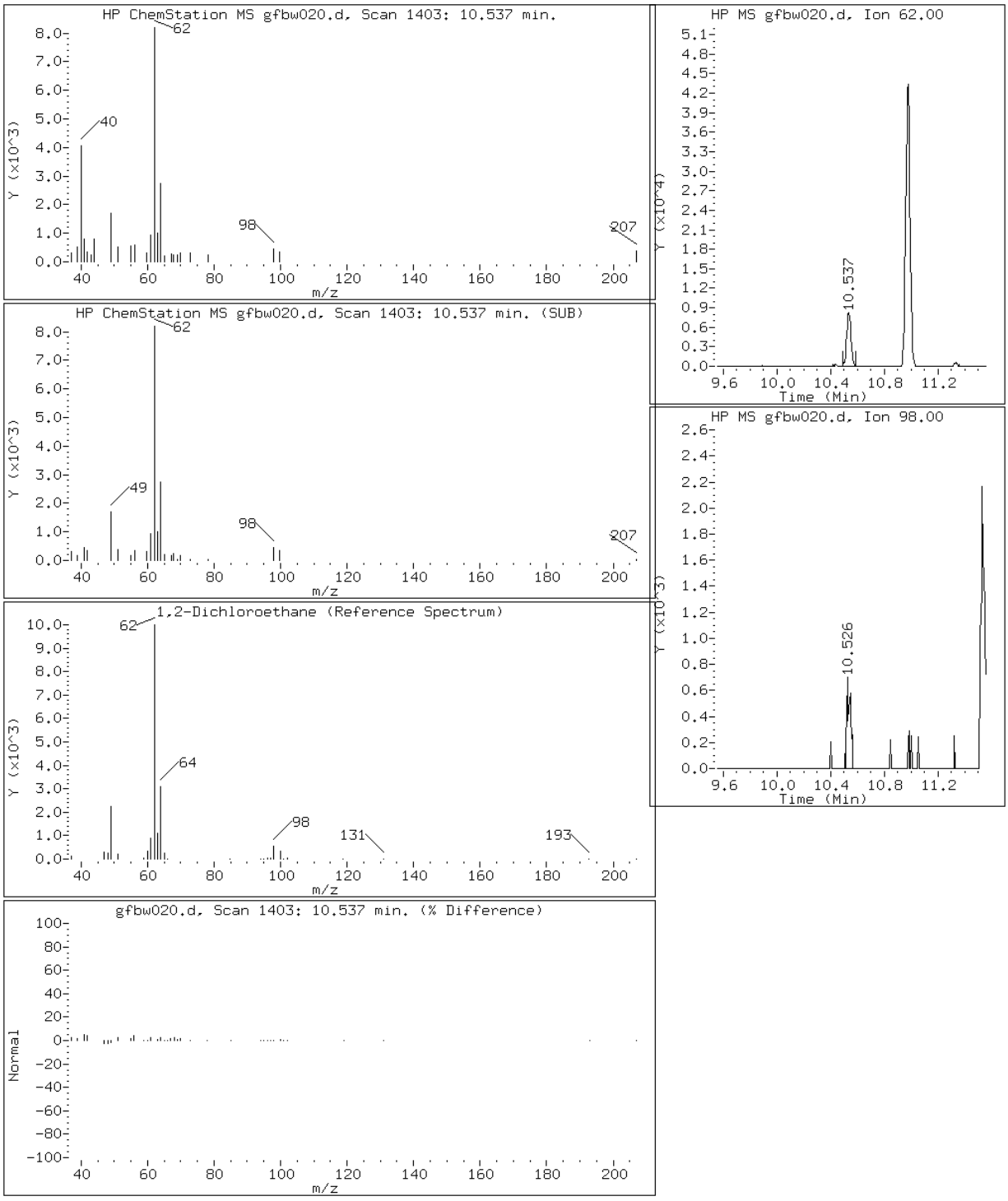
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

45 1,2-Dichloroethane



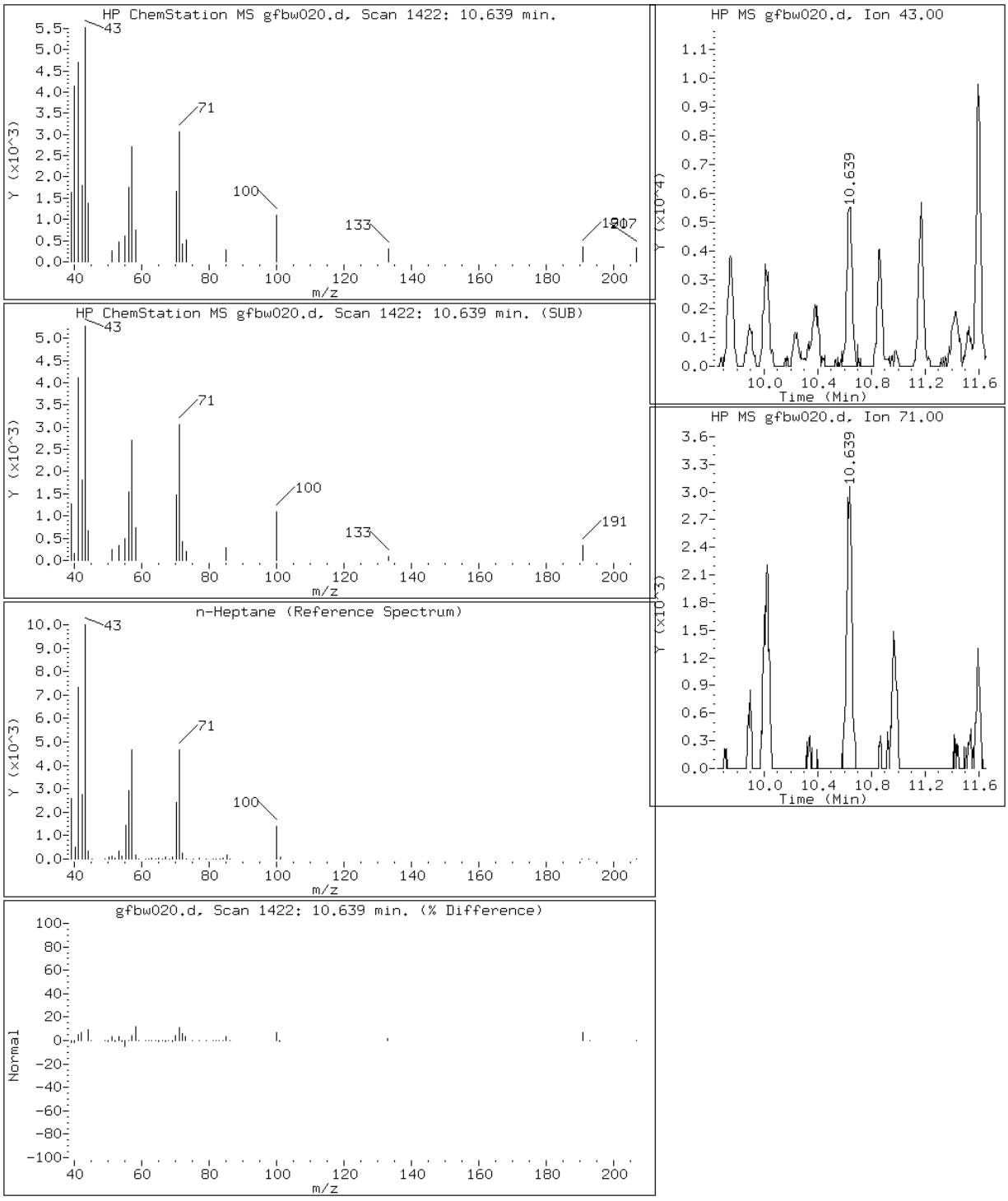
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

46 n-Heptane



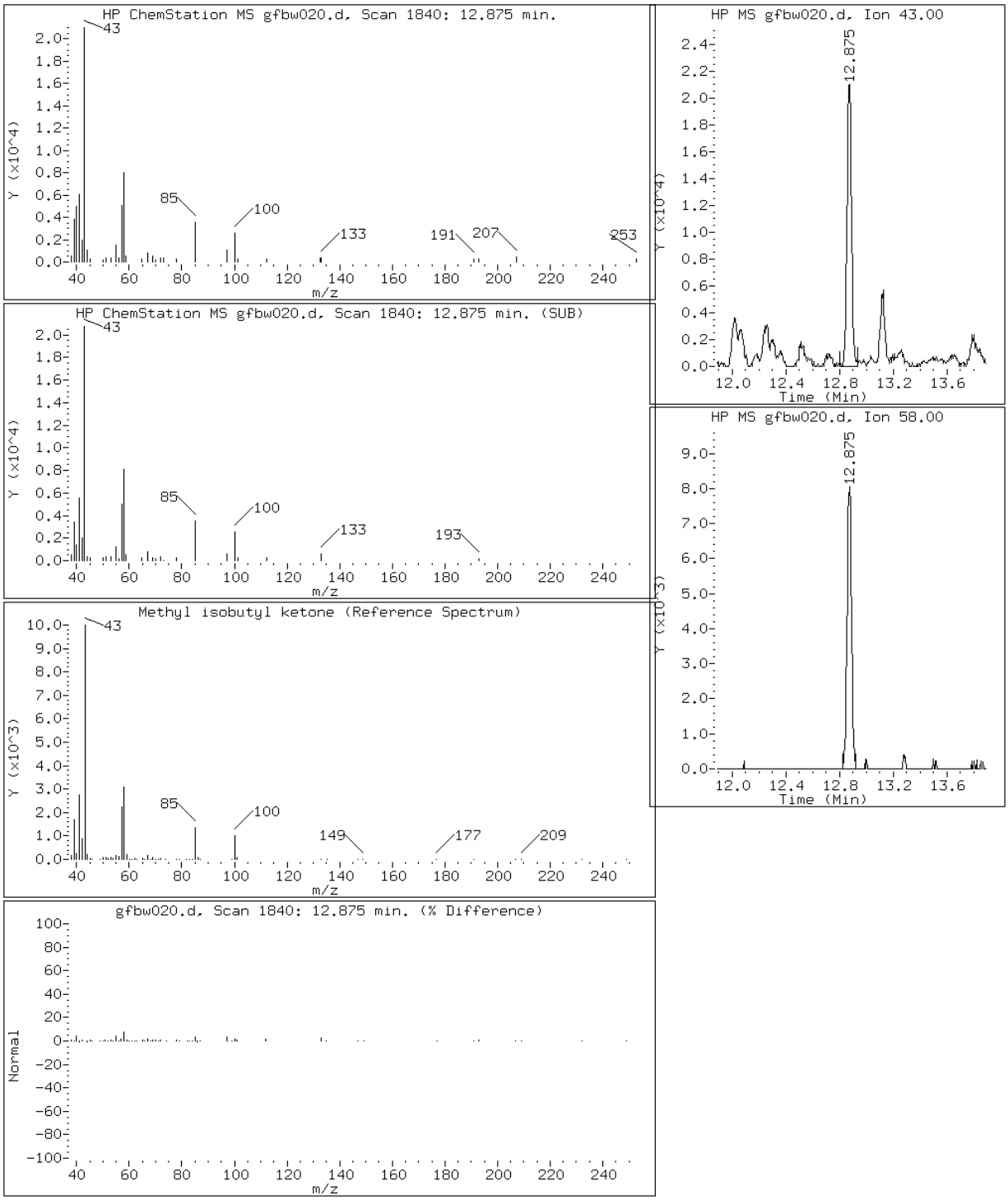
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

56 Methyl isobutyl ketone



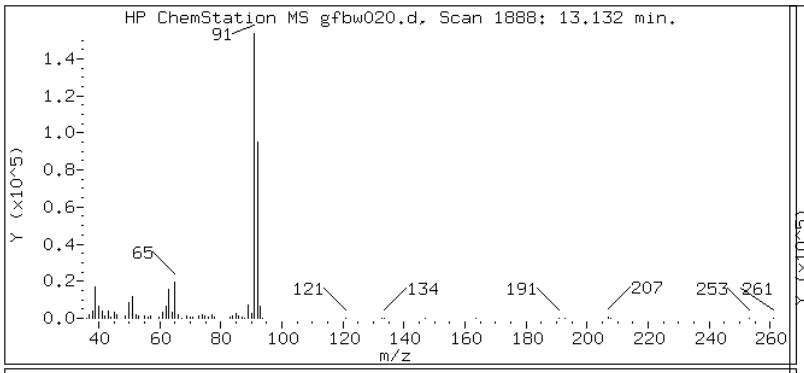
Data File: gfbw020.d

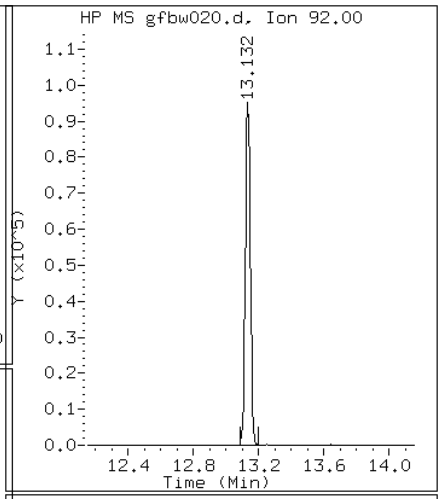
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

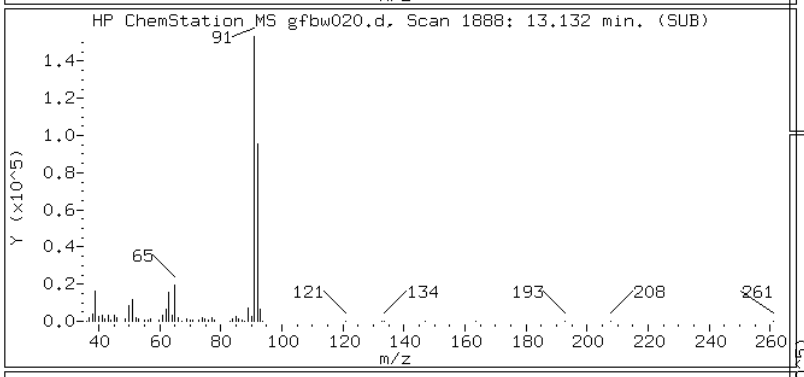
Client ID: CE-VAPOR-7 Instrument: G.i

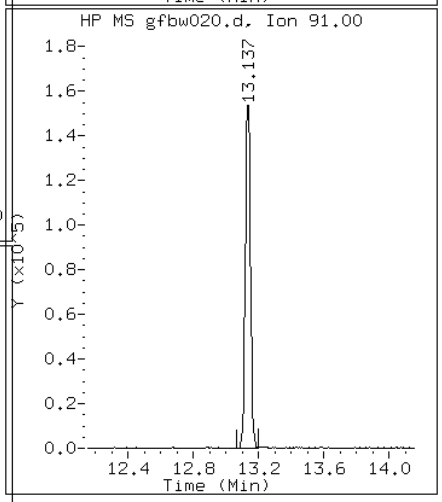
Sample Info: 220-13862-A-8 Operator: wrd

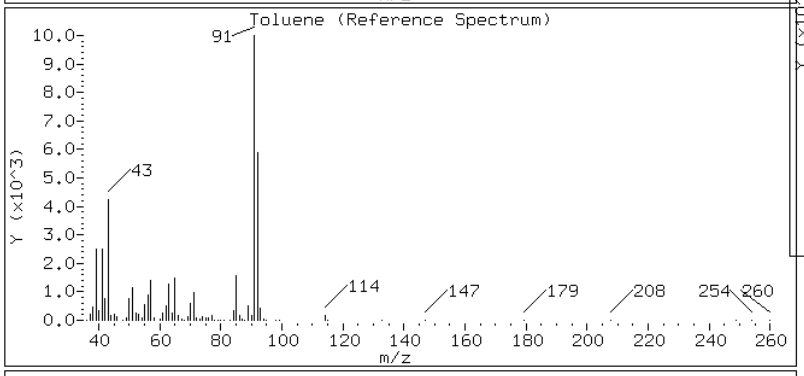
58 Toluene

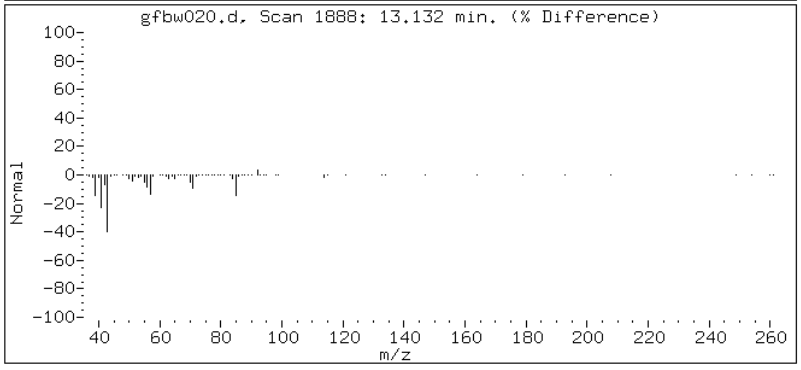












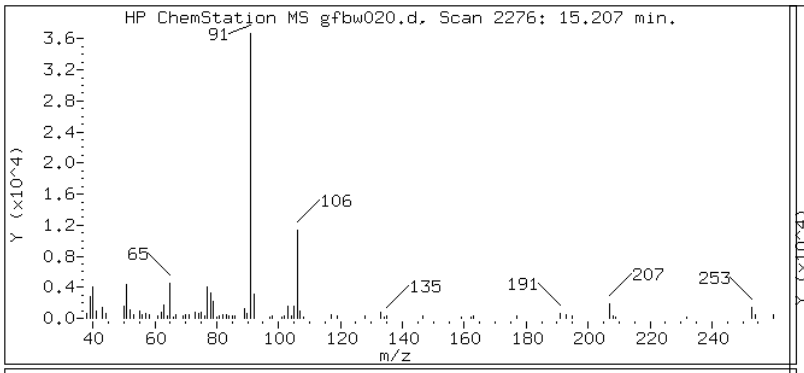
Data File: gfbw020.d

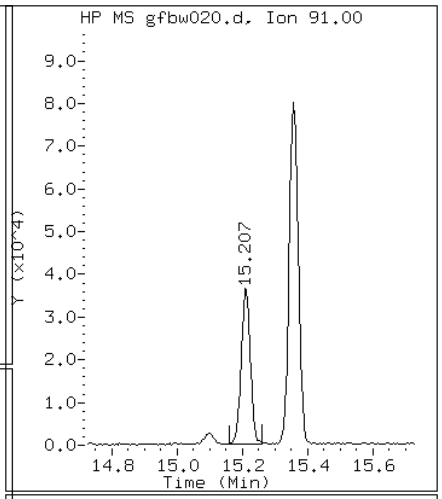
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

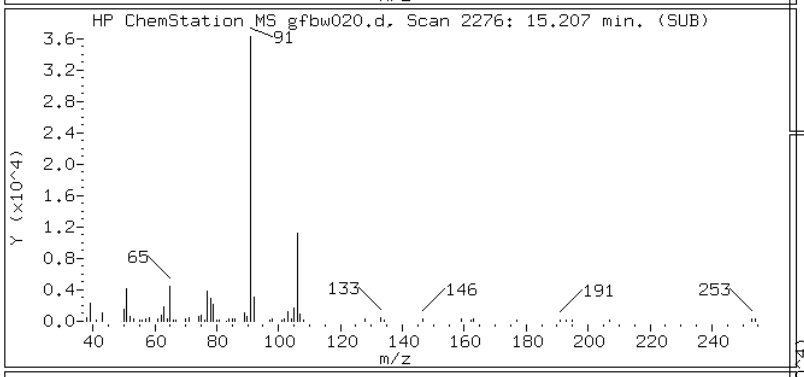
Client ID: CE-VAPOR-7 Instrument: G.i

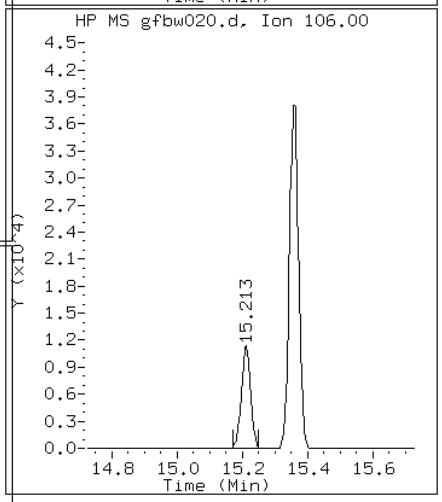
Sample Info: 220-13862-A-8 Operator: wrd

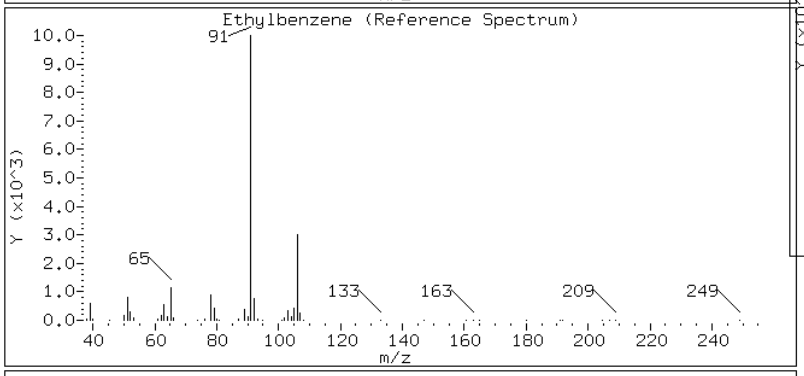
68 Ethylbenzene

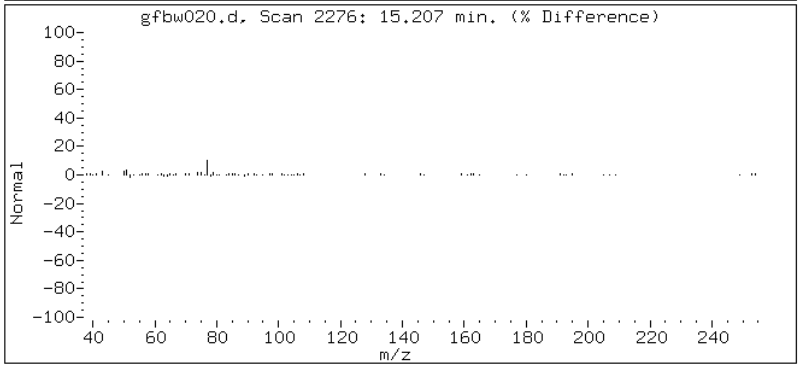












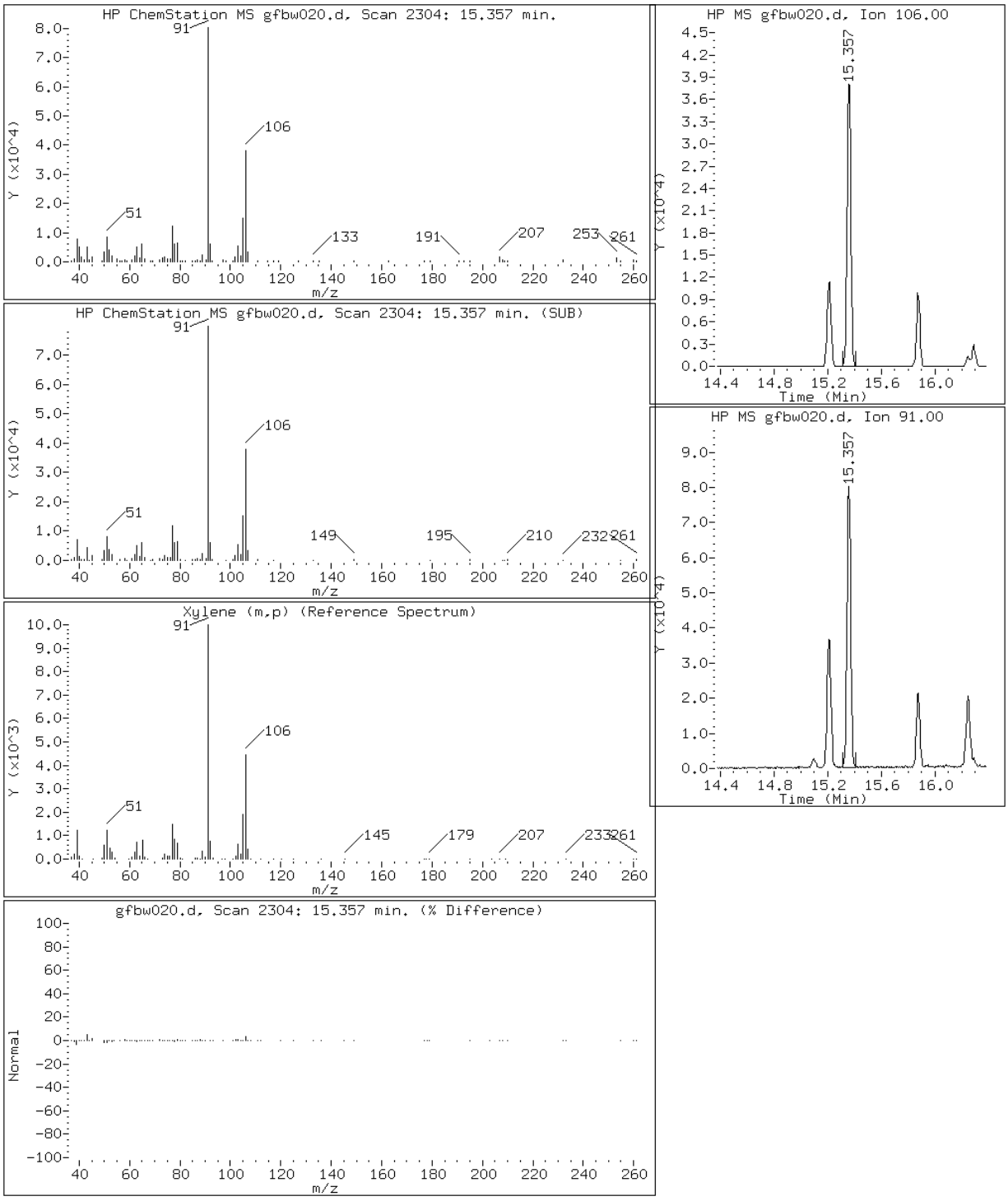
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

69 Xylene (m,p)



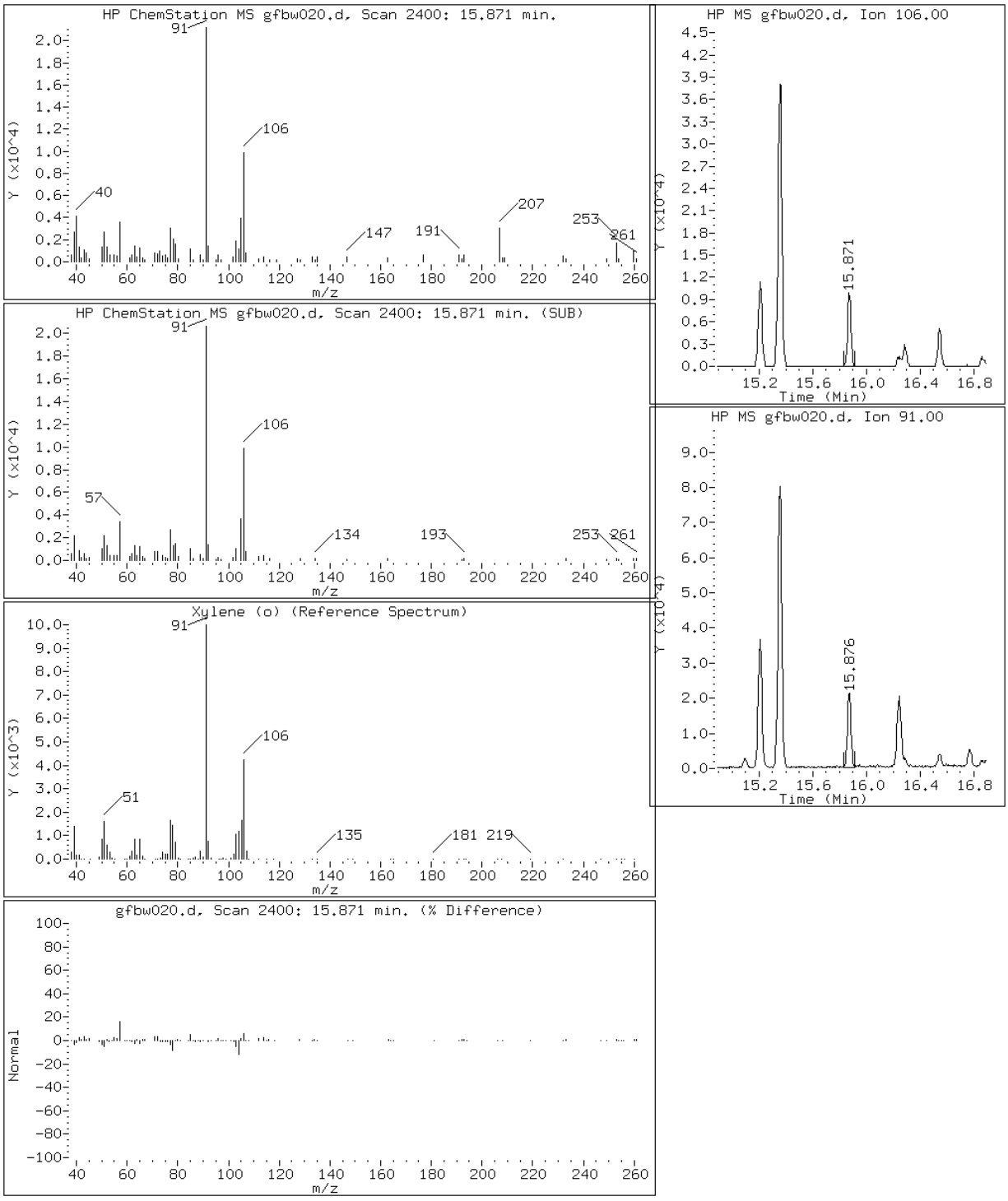
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

71 Xylene (o)



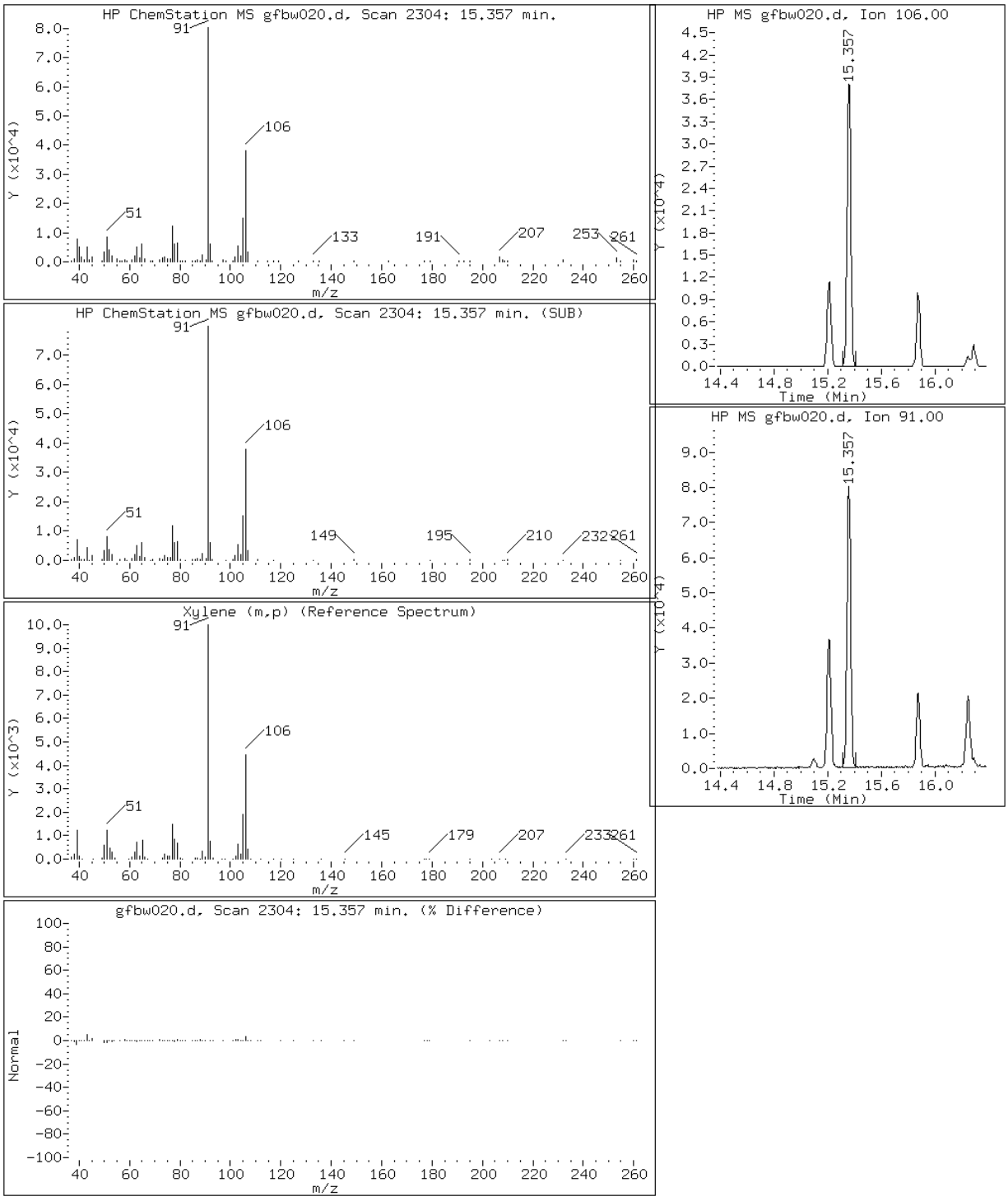
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

69 Xylene (m,p)



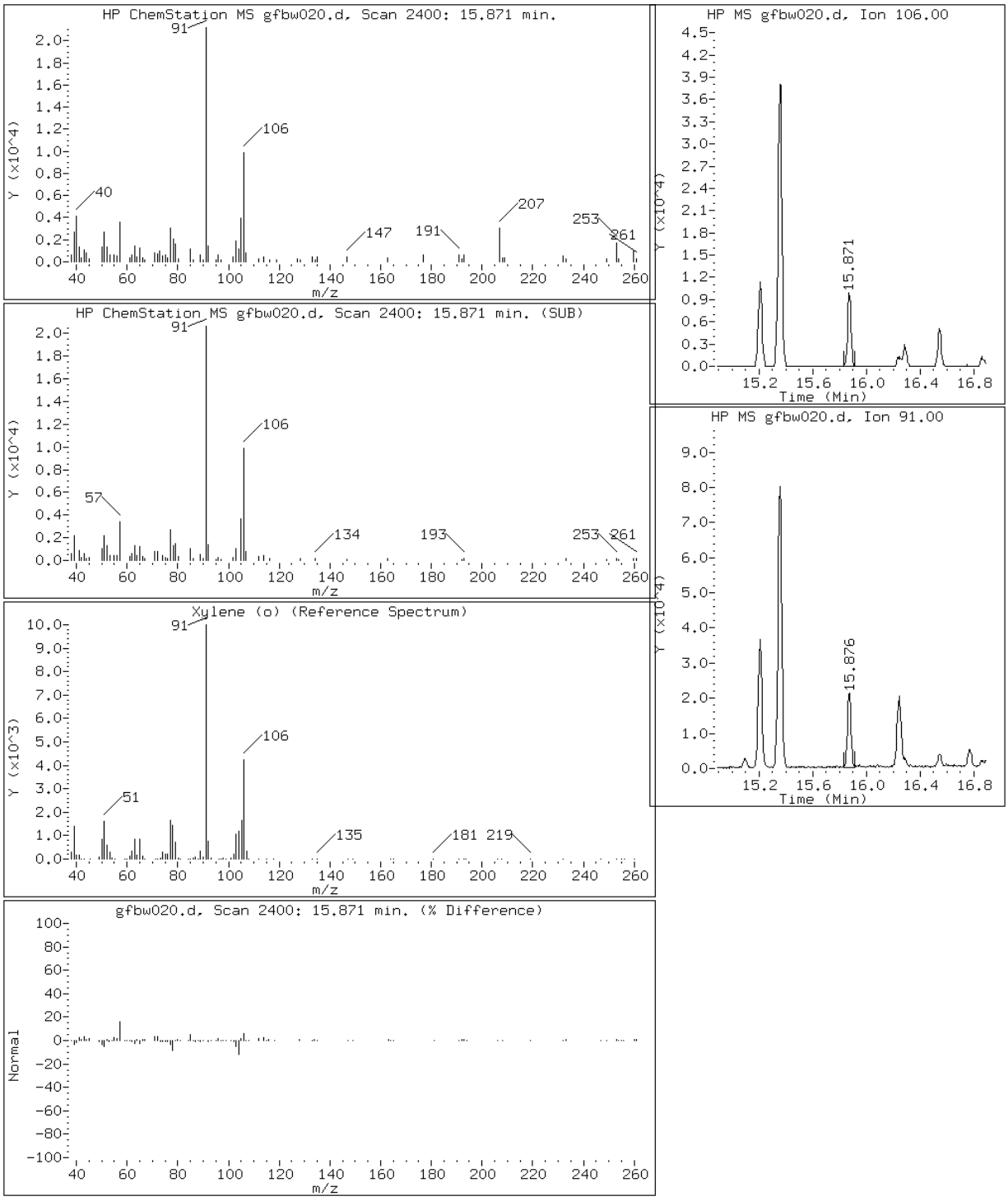
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

71 Xylene (o)



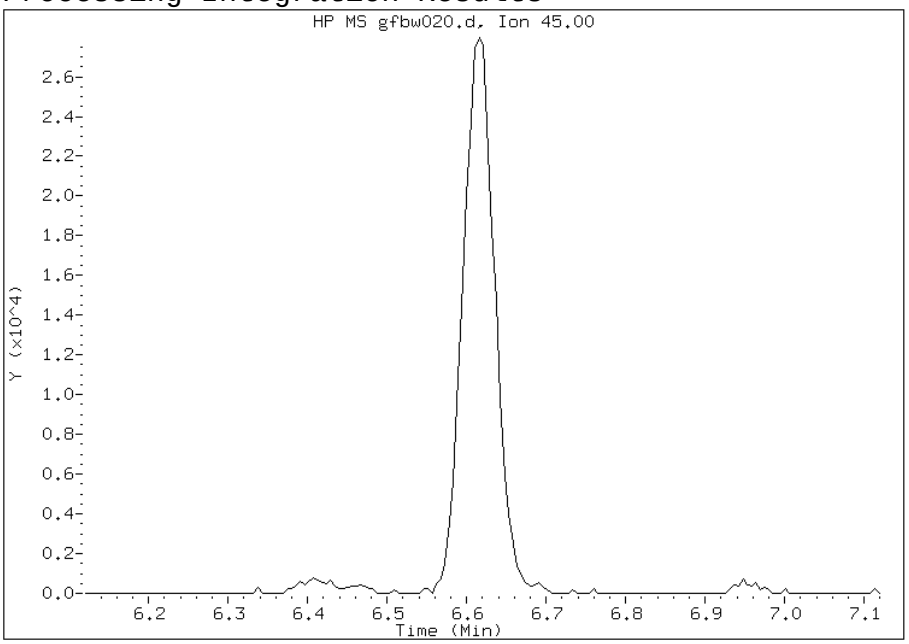
Manual Integration Report

Data File: gfbw020.d
Lab Sample ID: 220-13862-8
Inj. Date and Time: 06-NOV-2010 05:01
Instrument ID: G.i
Client ID: CE-VAPOR-7
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 11/06/2010

Processing Integration Results

Not Detected

Expected RT: 6.62



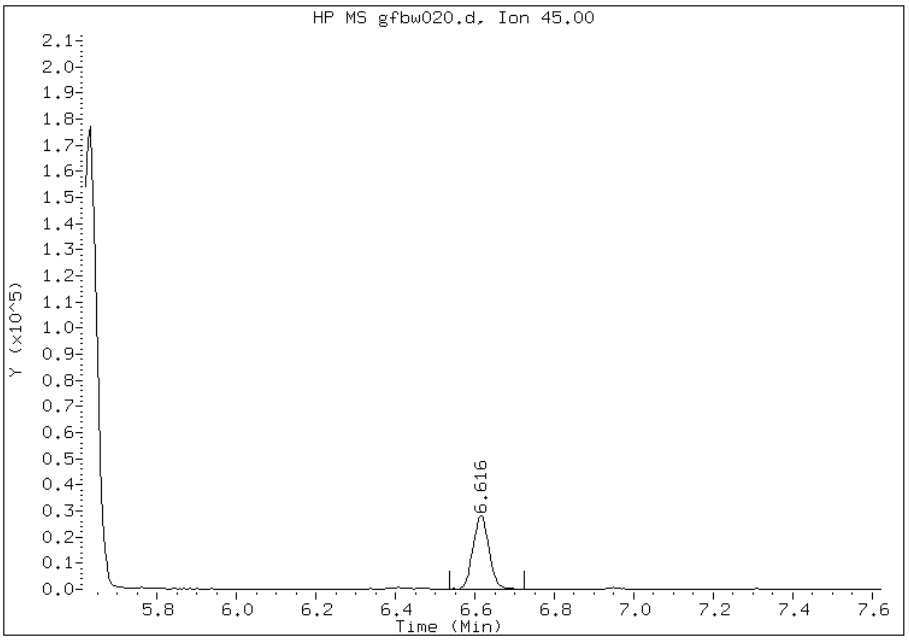
Manual Integration Results

RT: 6.62

Response: 79194

Amount: 1.93

Conc: 1.93



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.54		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	8.0		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.25		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.79		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.48		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.23		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.21		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	2.3		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.27		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.37		0.20	0.014
179601-23-1	m,p-Xylene	106.17	1.0		0.50	0.023
95-47-6	Xylene, o-	106.17	0.23		0.20	0.050
1330-20-7	Xylene (total)	106.17	1.2		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.1		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	19		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.88		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	2.3		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	2.3		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.74		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.87		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	8.8		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.8		1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	1.6		0.87	0.061
179601-23-1	m,p-Xylene	106.17	4.3		2.2	0.10
95-47-6	Xylene, o-	106.17	0.99		0.87	0.22
1330-20-7	Xylene (total)	106.17	5.3		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-9
Client Smp ID: CE-VAPOR-8
Inj Date : 06-NOV-2010 05:50
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-9
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	75318	0.49903	0.50
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	14742	0.54036	0.54
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	1579	0.06970	0.070(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.690	4.700	(0.490)	2485	0.13564	0.14(a)
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.171	5.187	(0.540)	40232	0.25348	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	8423	0.08643	0.086(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.407	6.423	(0.669)	467220	8.00755	8.0
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

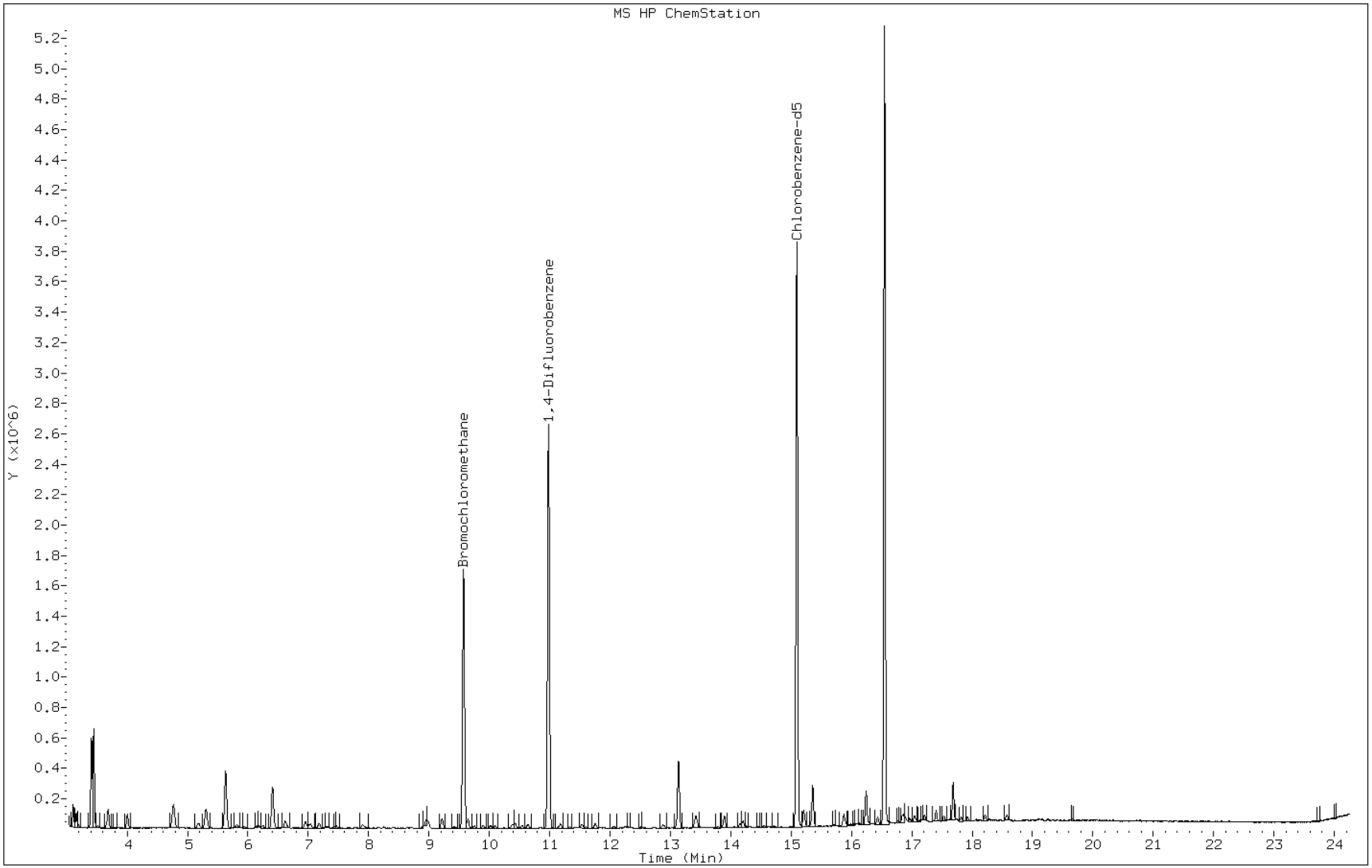
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.183	7.199	(0.750)	15089	0.32359	0.32(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.899	7.910	(0.825)	14193	0.24883	0.25
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	13751	0.79424	0.79(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	539437	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.649	9.665	(1.008)	53283	0.48047	0.48
	40 Cyclohexane	84	9.900	9.916	(0.902)	5506	0.09692	0.097(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.104	10.114	(0.920)	13029	0.08780	0.088(a)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.945)	28342	0.15221	0.15(a)
	44 Benzene	78	10.425	10.451	(0.949)	32260	0.23202	0.23
	45 1,2-Dichloroethane	62	10.537	10.558	(0.960)	15218	0.18982	0.19(a)
	46 n-Heptane	43	10.633	10.655	(0.968)	14325	0.21236	0.21
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2640268	10.0000	
	49 Trichloroethene	95	11.334	11.355	(1.032)	4326	0.05919	0.059(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.875	12.891	(1.172)	12793	0.15864	0.16(a)
	58 Toluene	92	13.131	13.153	(0.870)	233482	2.34112	2.3
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.896	13.913	(0.921)	29400	0.26589	0.27
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2528361	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	83038	0.36802	0.37
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	85382	0.99652	1.00
M	70 Xylenes, Total	106				104919	1.22404	1.2
	71 Xylene (o)	106	15.871	15.892	(1.051)	19537	0.22752	0.23
	72 Styrene	104	15.897	15.919	(1.053)	14516	0.11407	0.11(aM)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	11916	0.04581	0.046(aQ)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	12500	0.05604	0.056(a)
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	38465	0.17423	0.17(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	gfbw021.d	Date:	06-NOV-2010 05:50
Client ID:	CE-VAPOR-8	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-9		
Lab Sample ID:	220-13862-9		



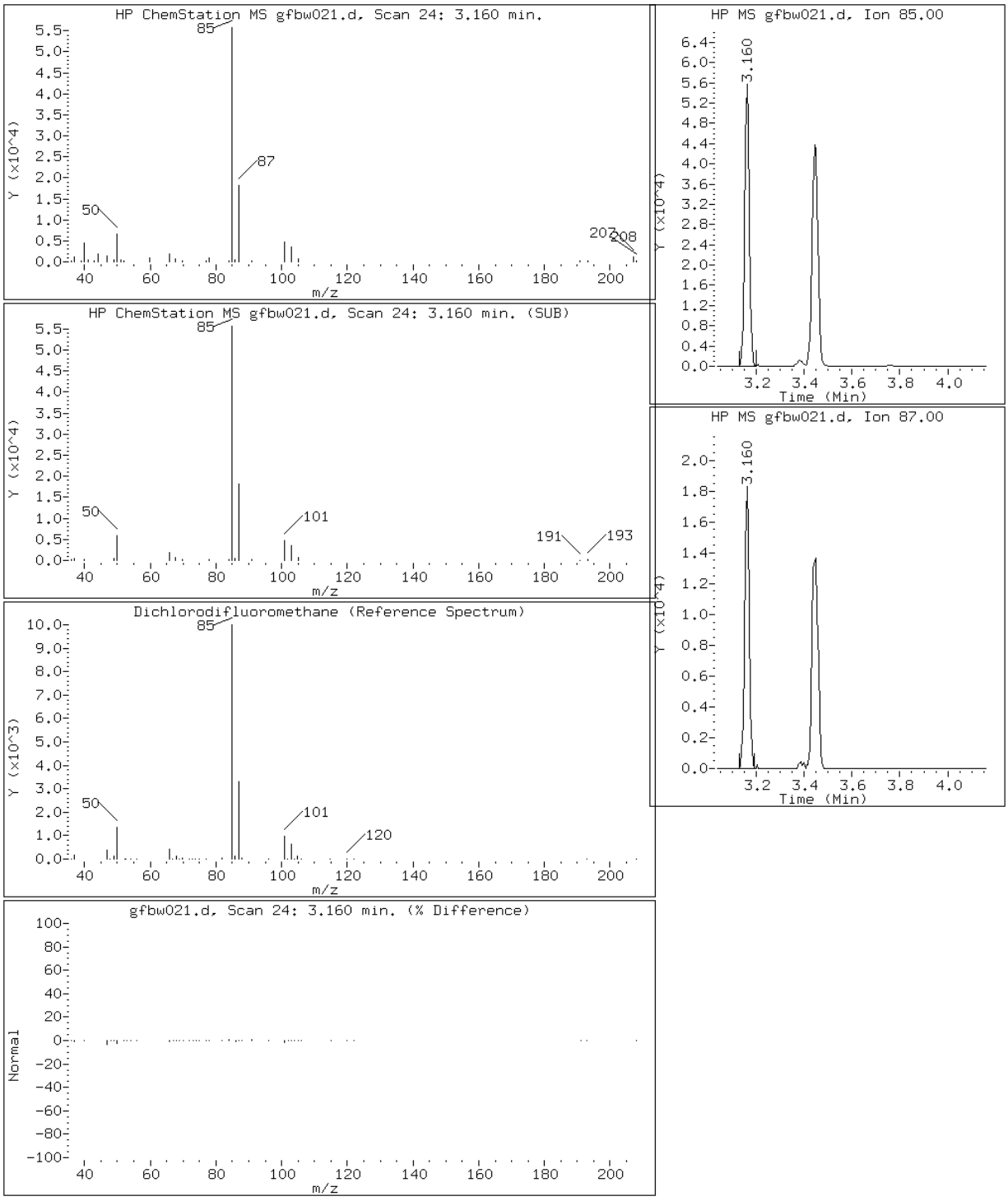
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

2 Dichlorodifluoromethane



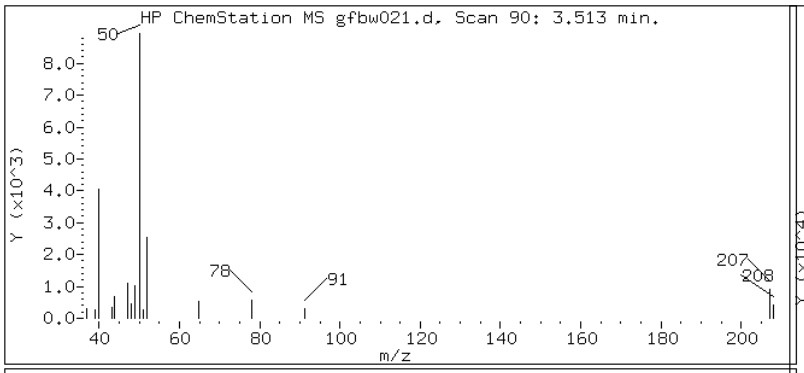
Data File: gfbw021.d

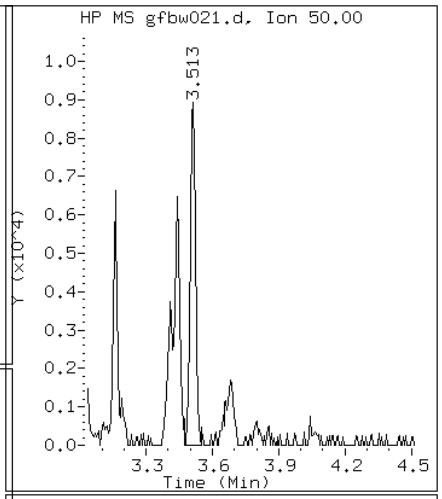
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

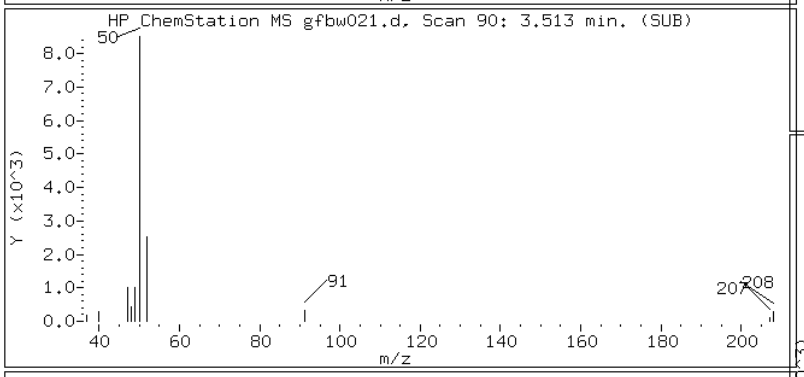
Client ID: CE-VAPOR-8 Instrument: G.i

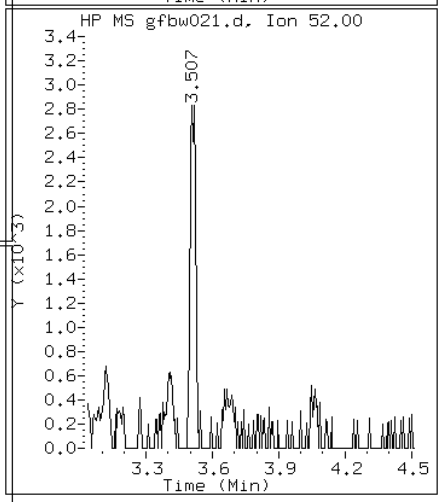
Sample Info: 220-13862-A-9 Operator: wrd

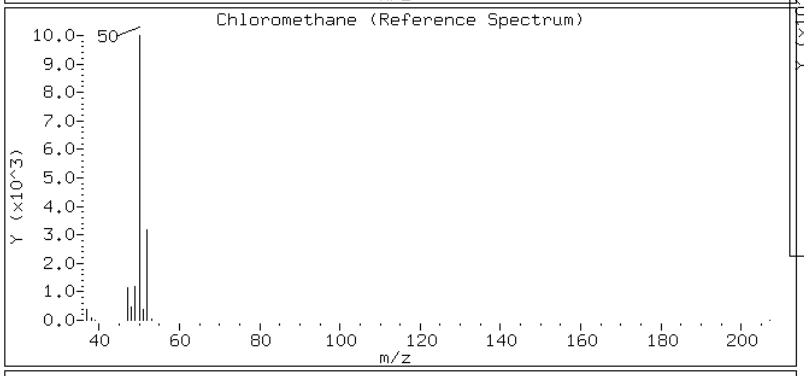
5 Chloromethane

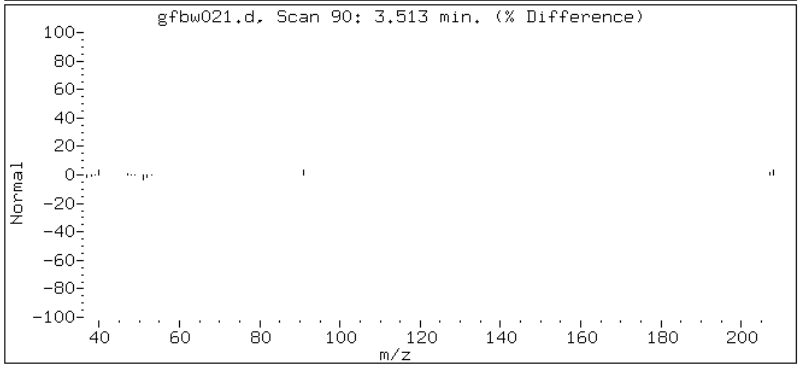












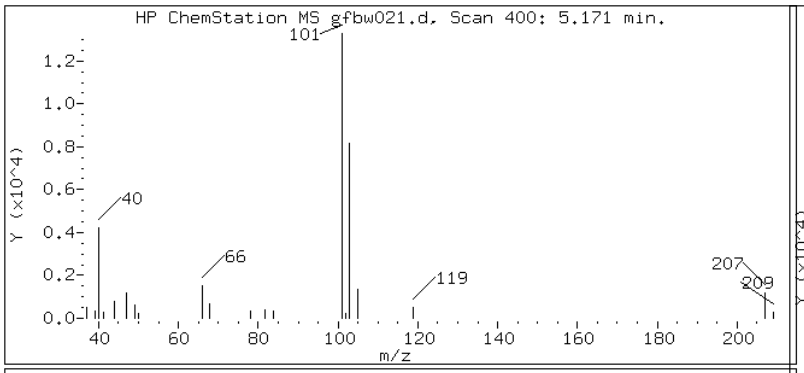
Data File: gfbw021.d

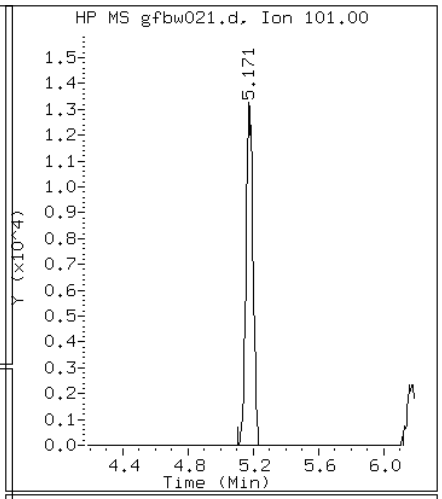
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

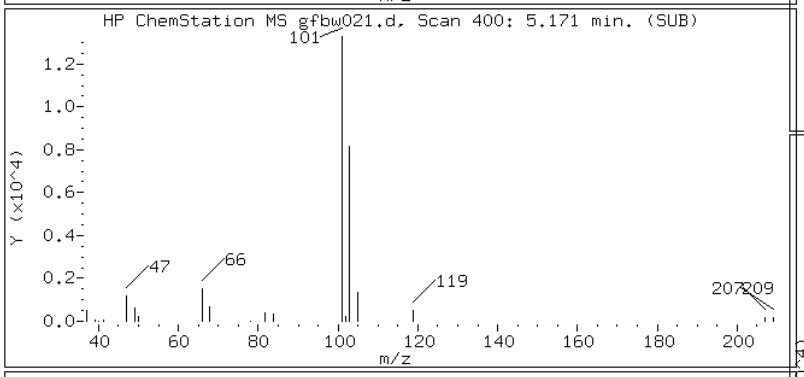
Client ID: CE-VAPOR-8 Instrument: G.i

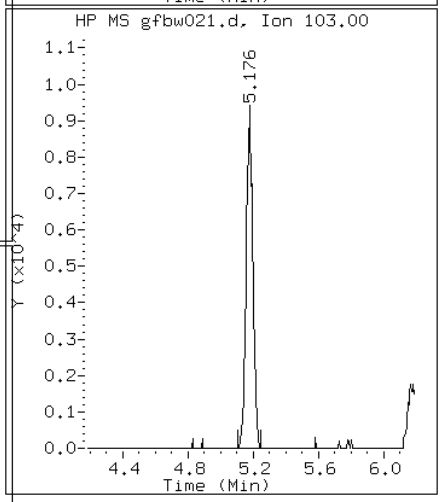
Sample Info: 220-13862-A-9 Operator: wrd

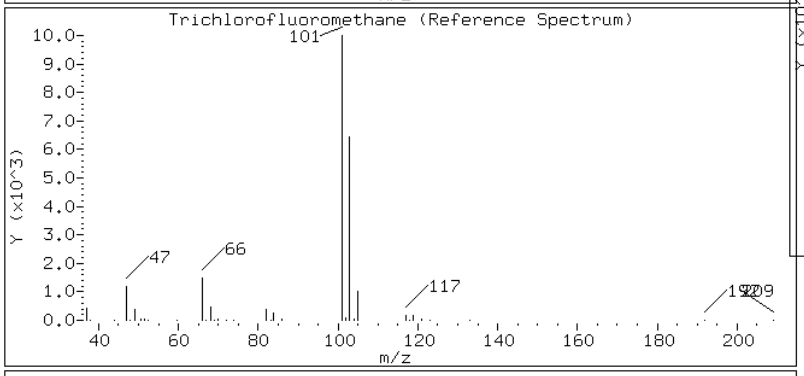
13 Trichlorofluoromethane

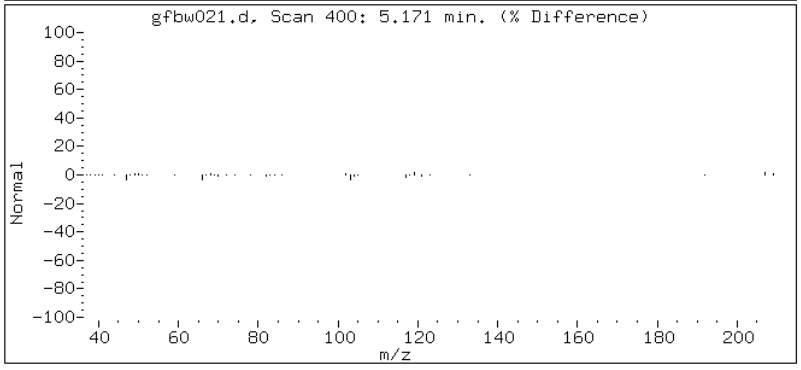












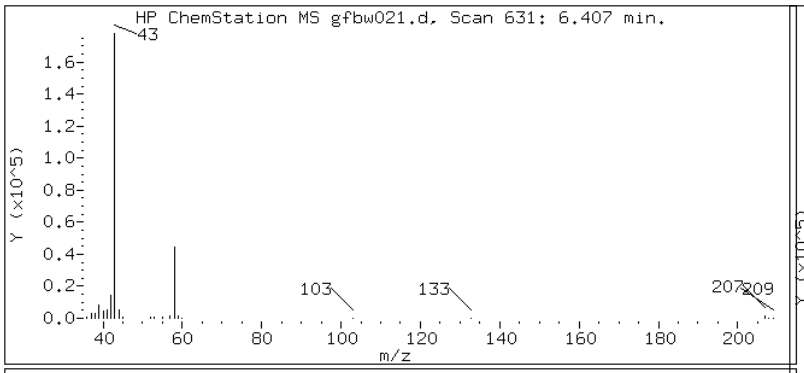
Data File: gfbw021.d

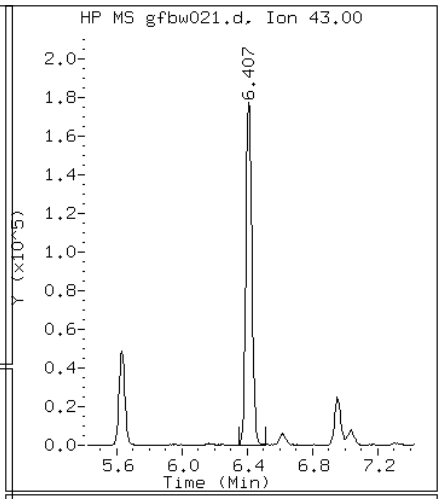
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

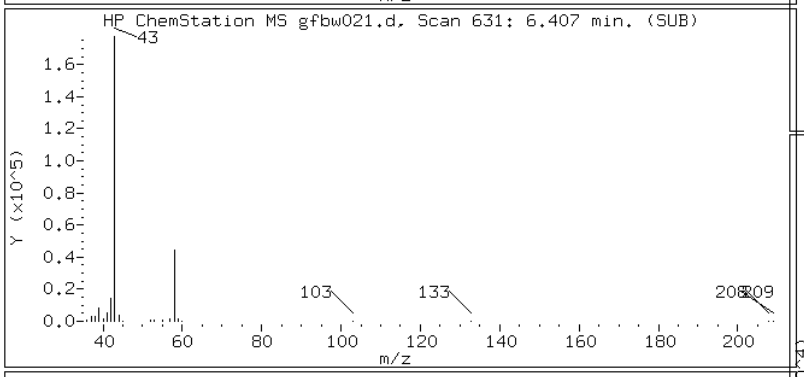
Client ID: CE-VAPOR-8 Instrument: G.i

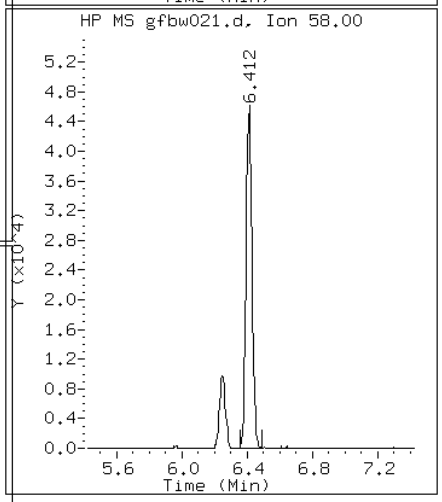
Sample Info: 220-13862-A-9 Operator: wrd

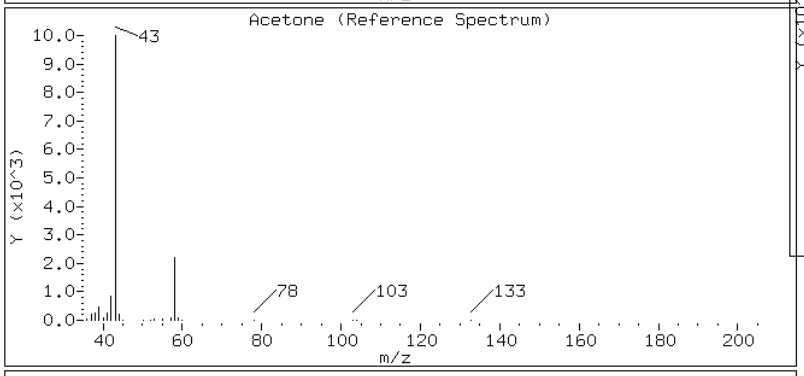
20 Acetone

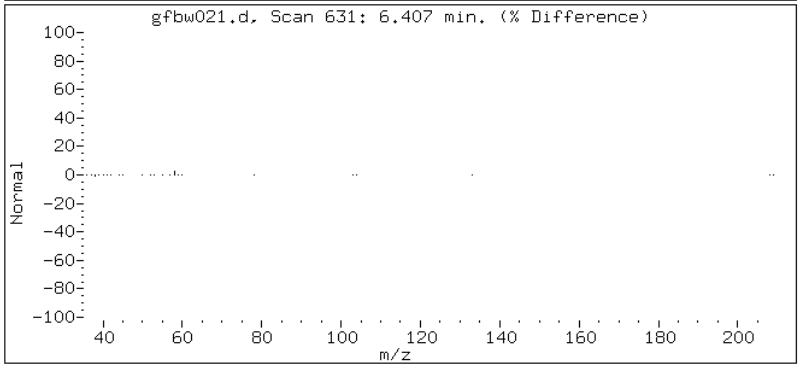












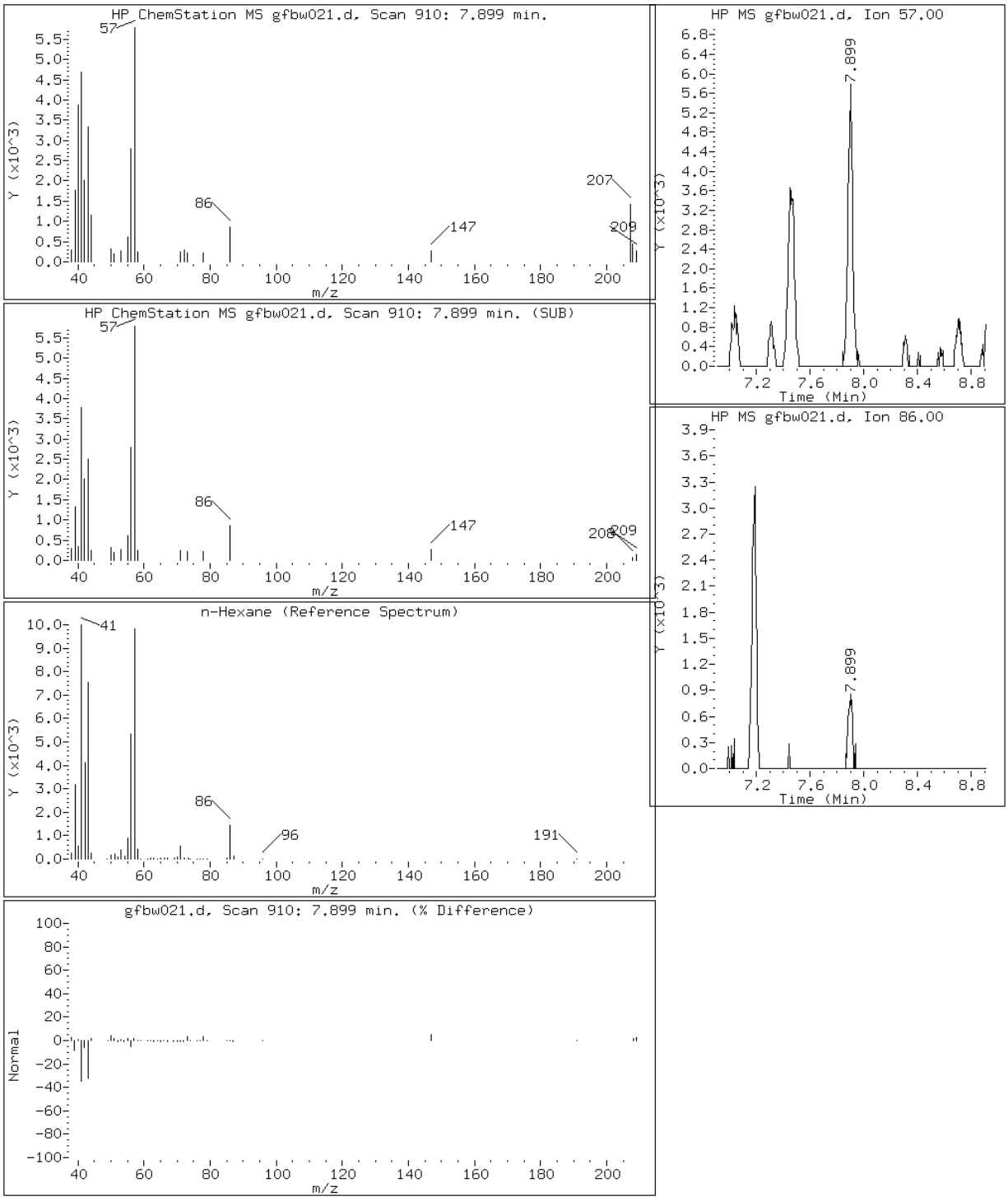
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

30 n-Hexane



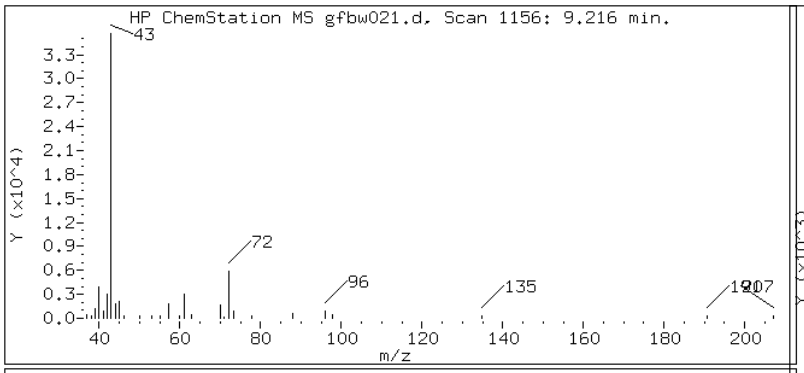
Data File: gfbw021.d

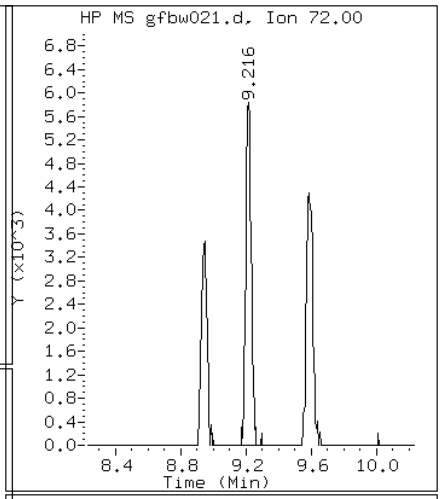
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

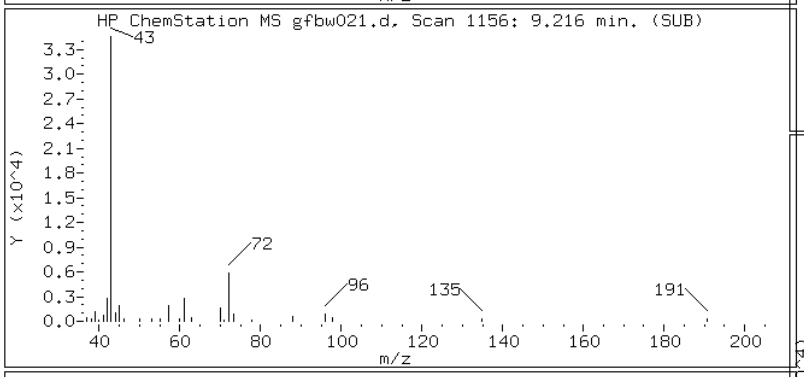
Client ID: CE-VAPOR-8 Instrument: G.i

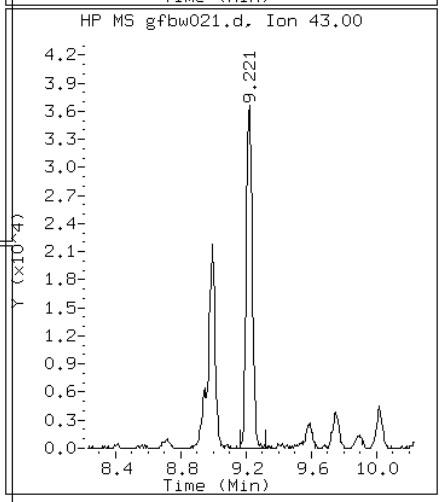
Sample Info: 220-13862-A-9 Operator: wrd

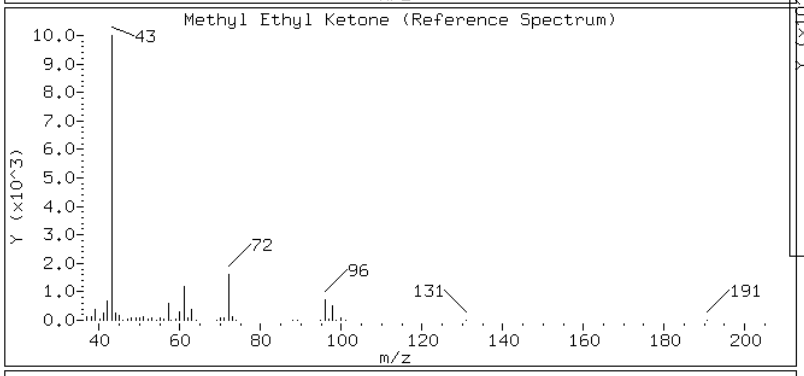
36 Methyl Ethyl Ketone

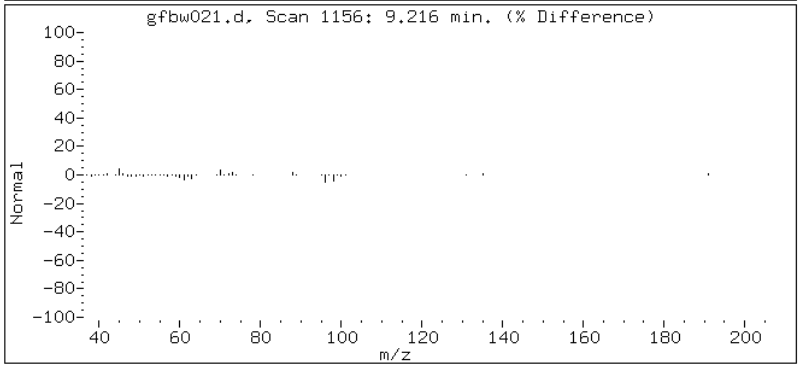












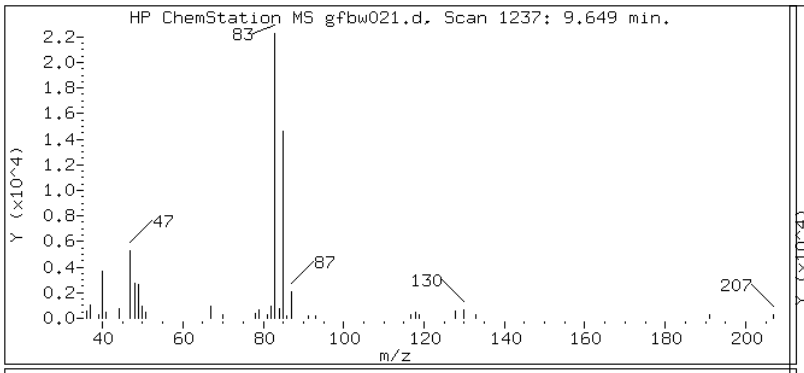
Data File: gfbw021.d

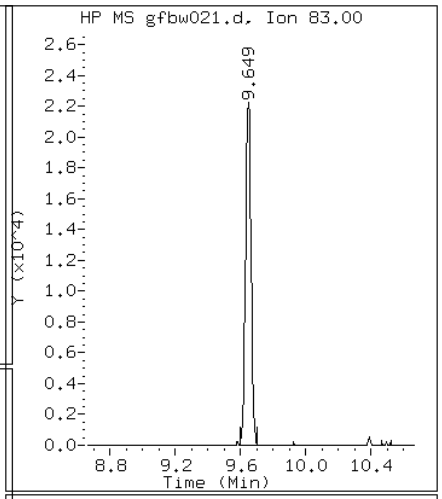
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

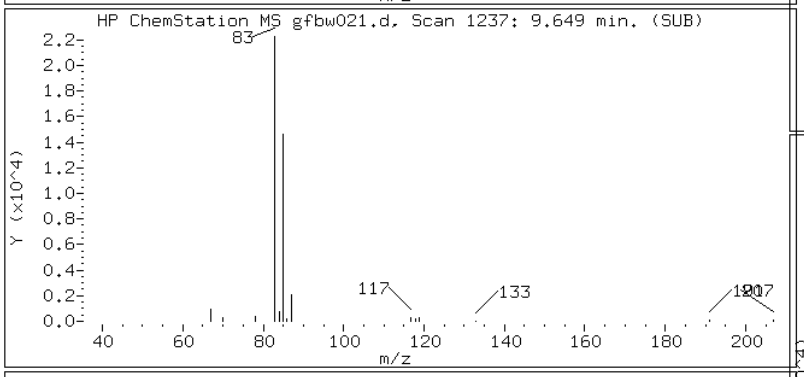
Client ID: CE-VAPOR-8 Instrument: G.i

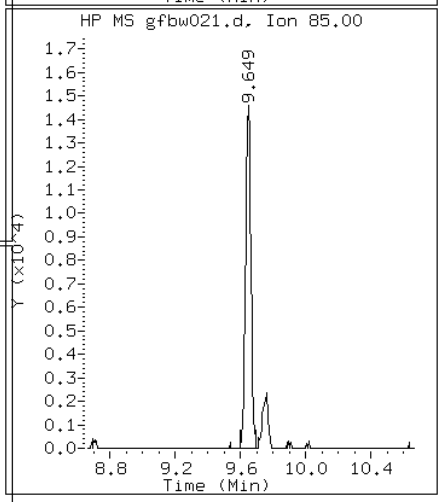
Sample Info: 220-13862-A-9 Operator: wrd

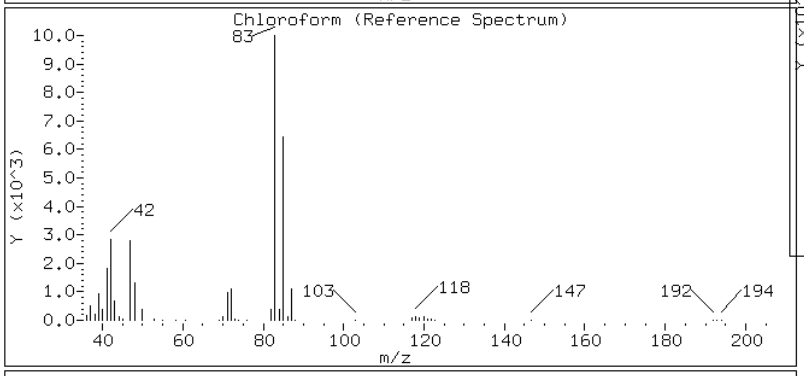
39 Chloroform

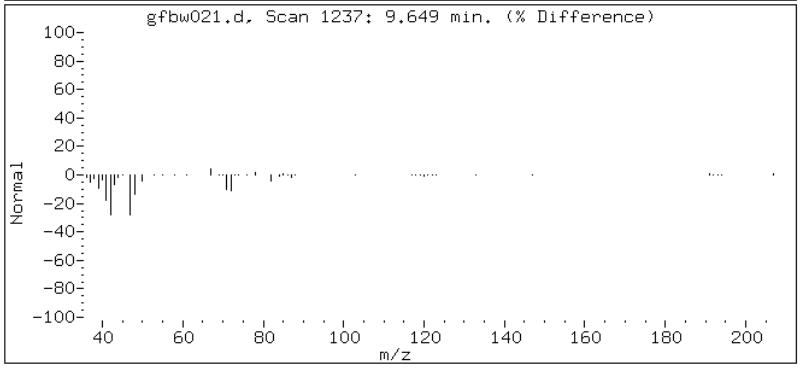












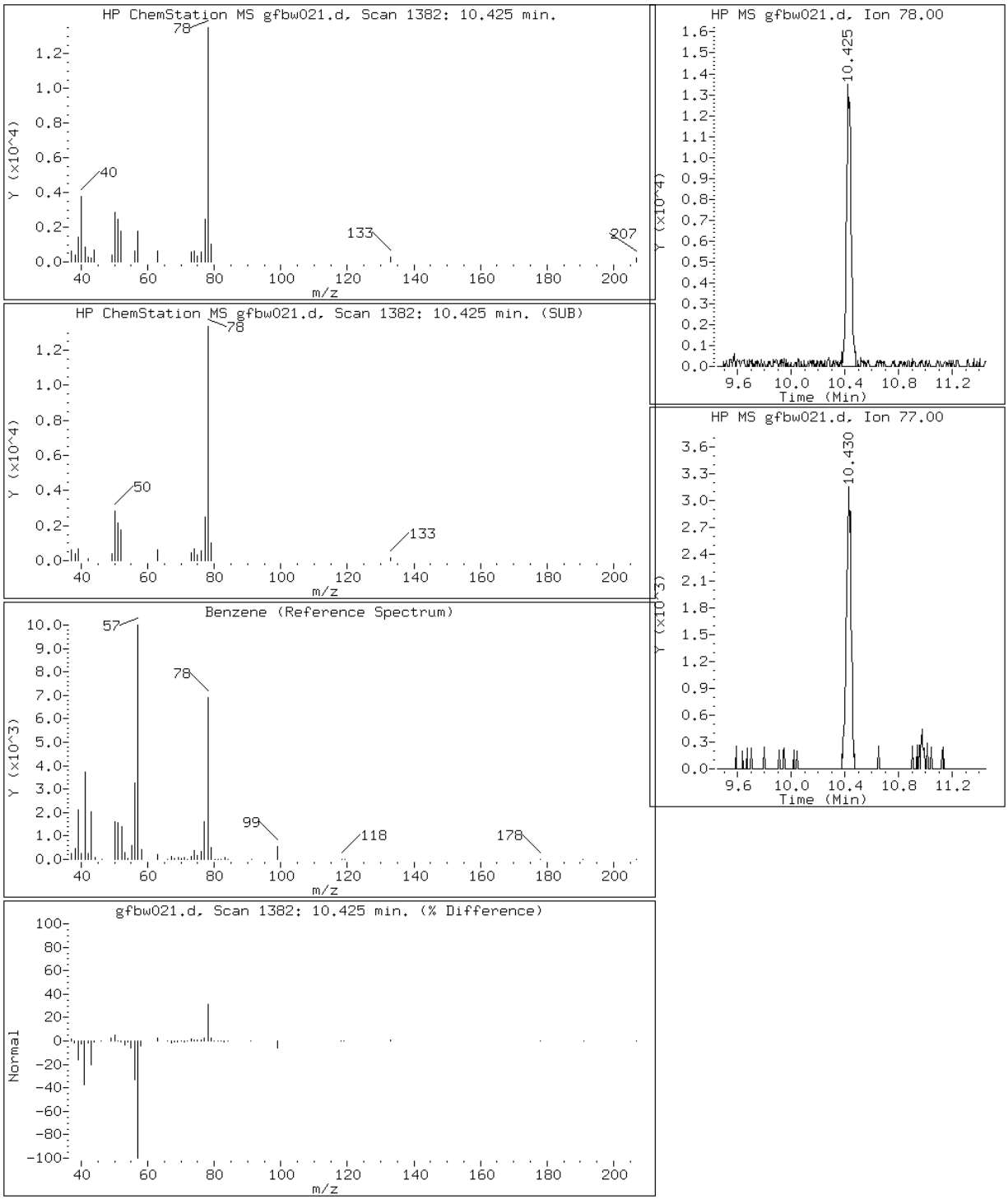
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

44 Benzene



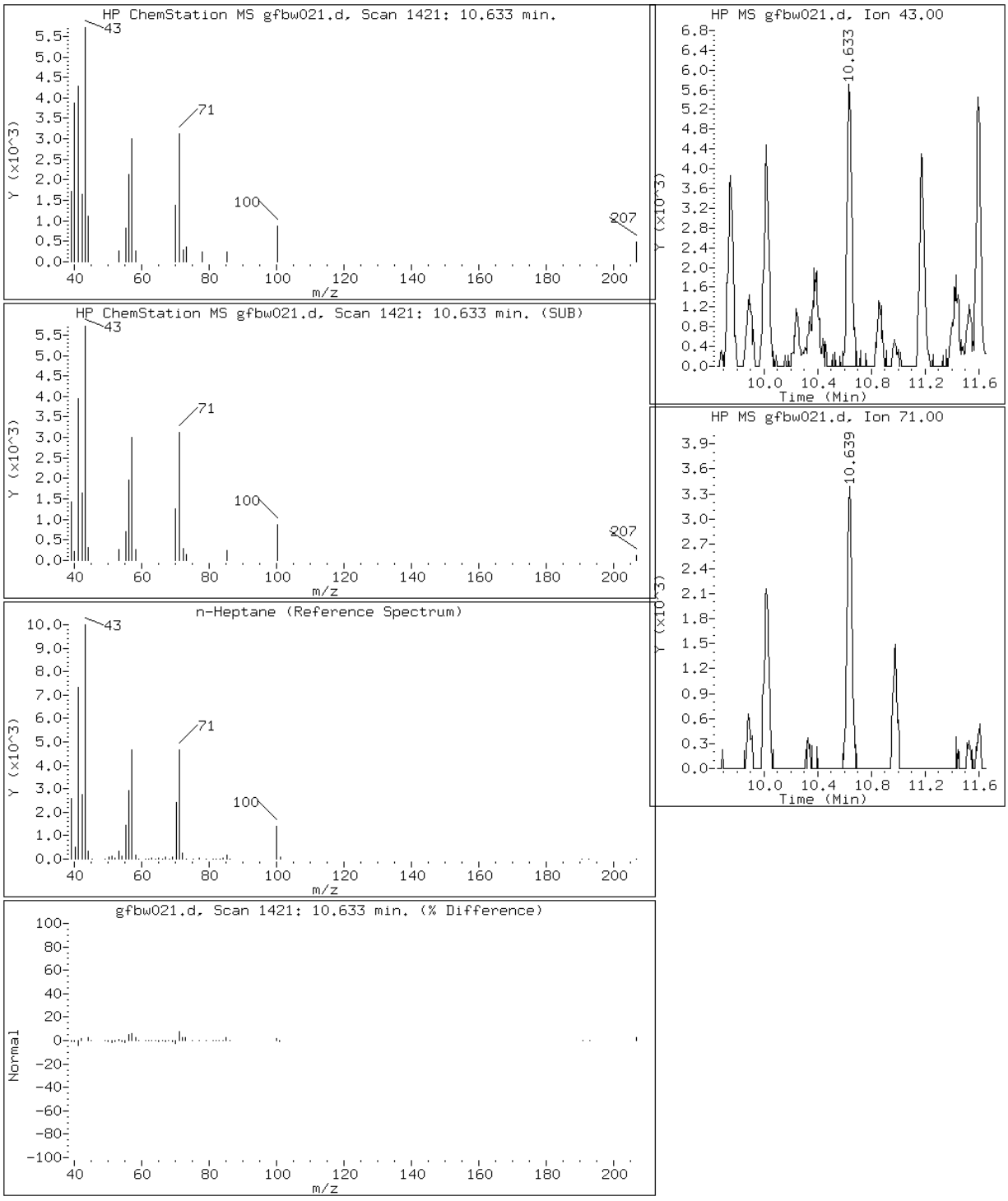
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

46 n-Heptane



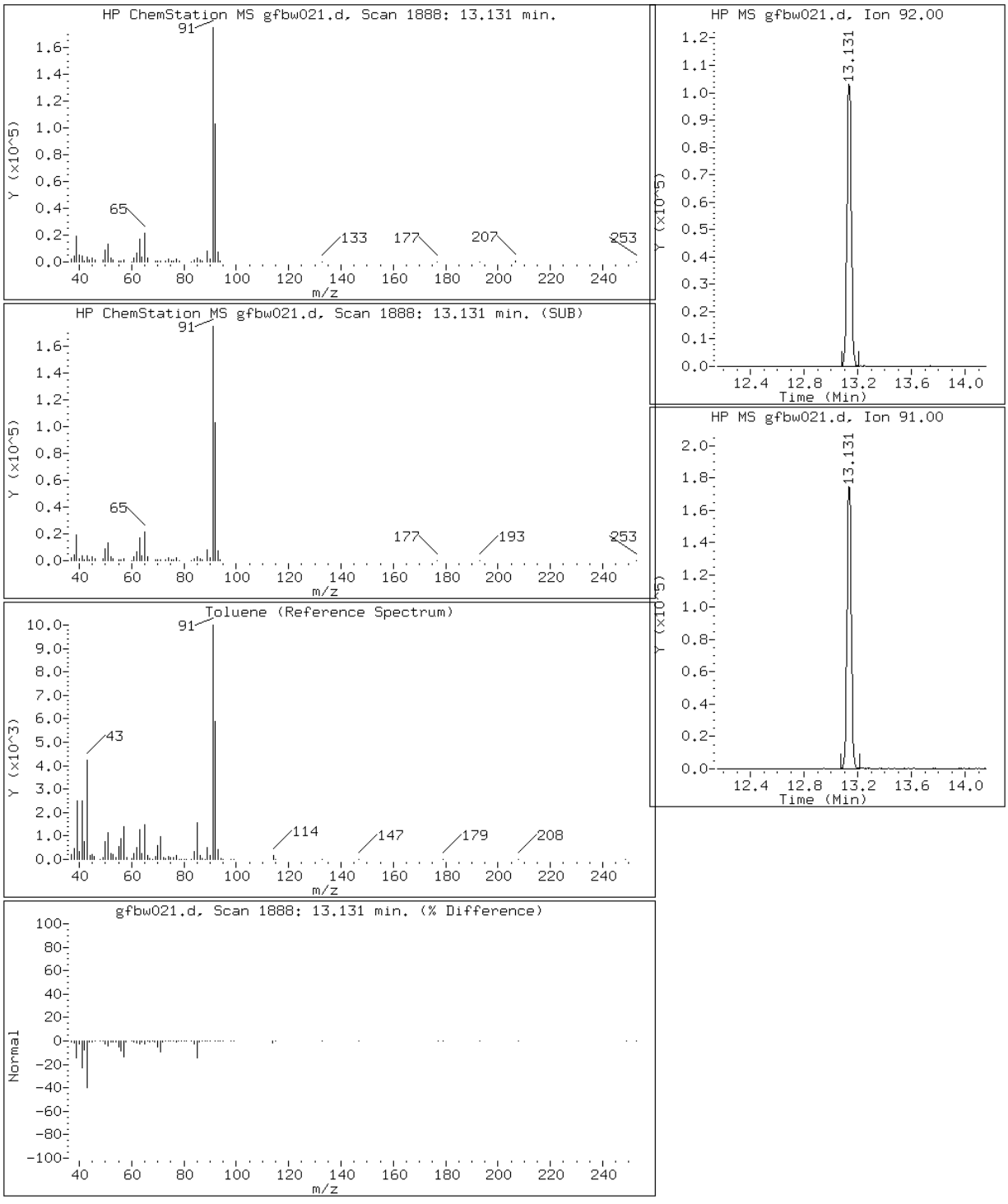
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

58 Toluene



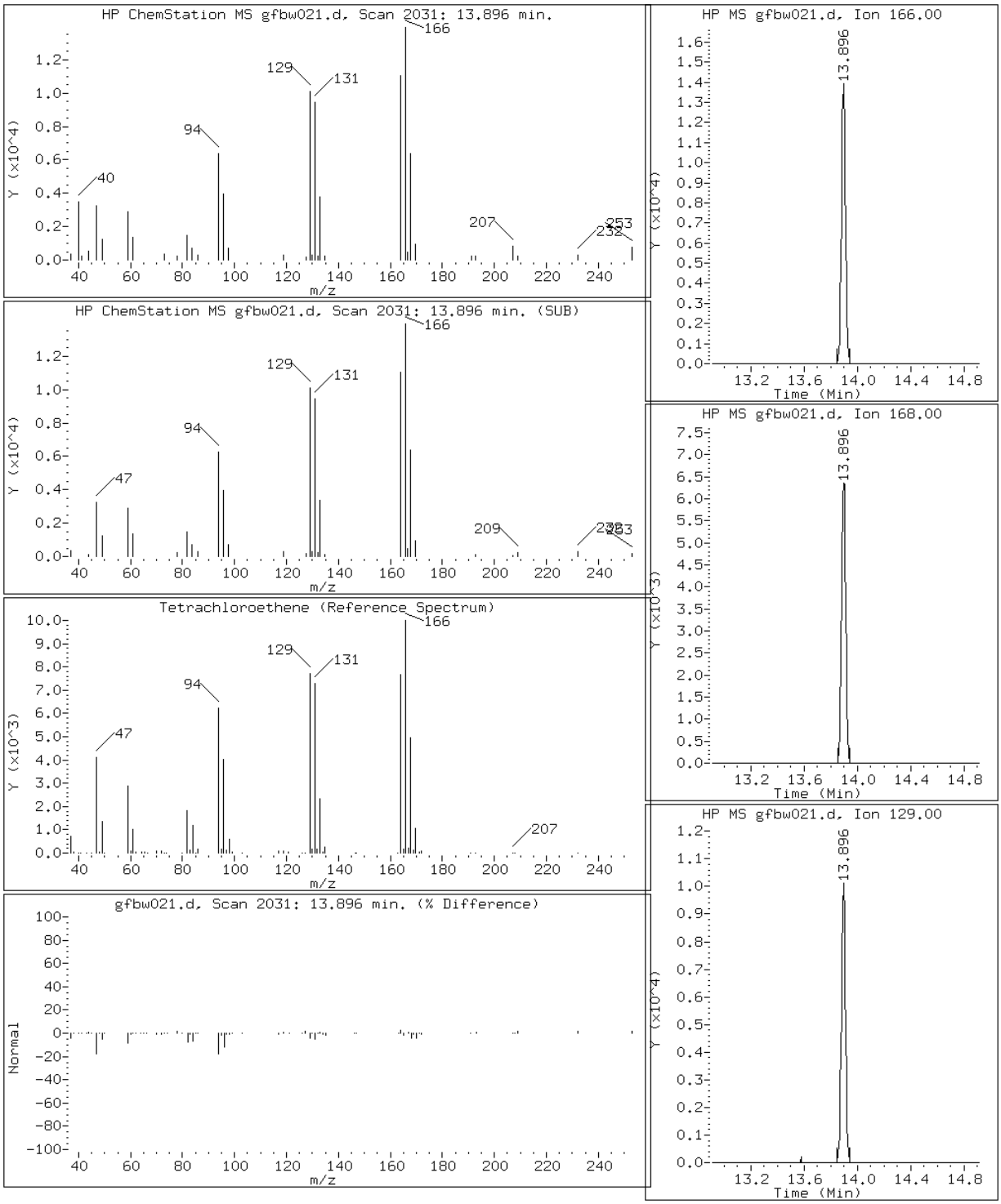
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

61 Tetrachloroethene



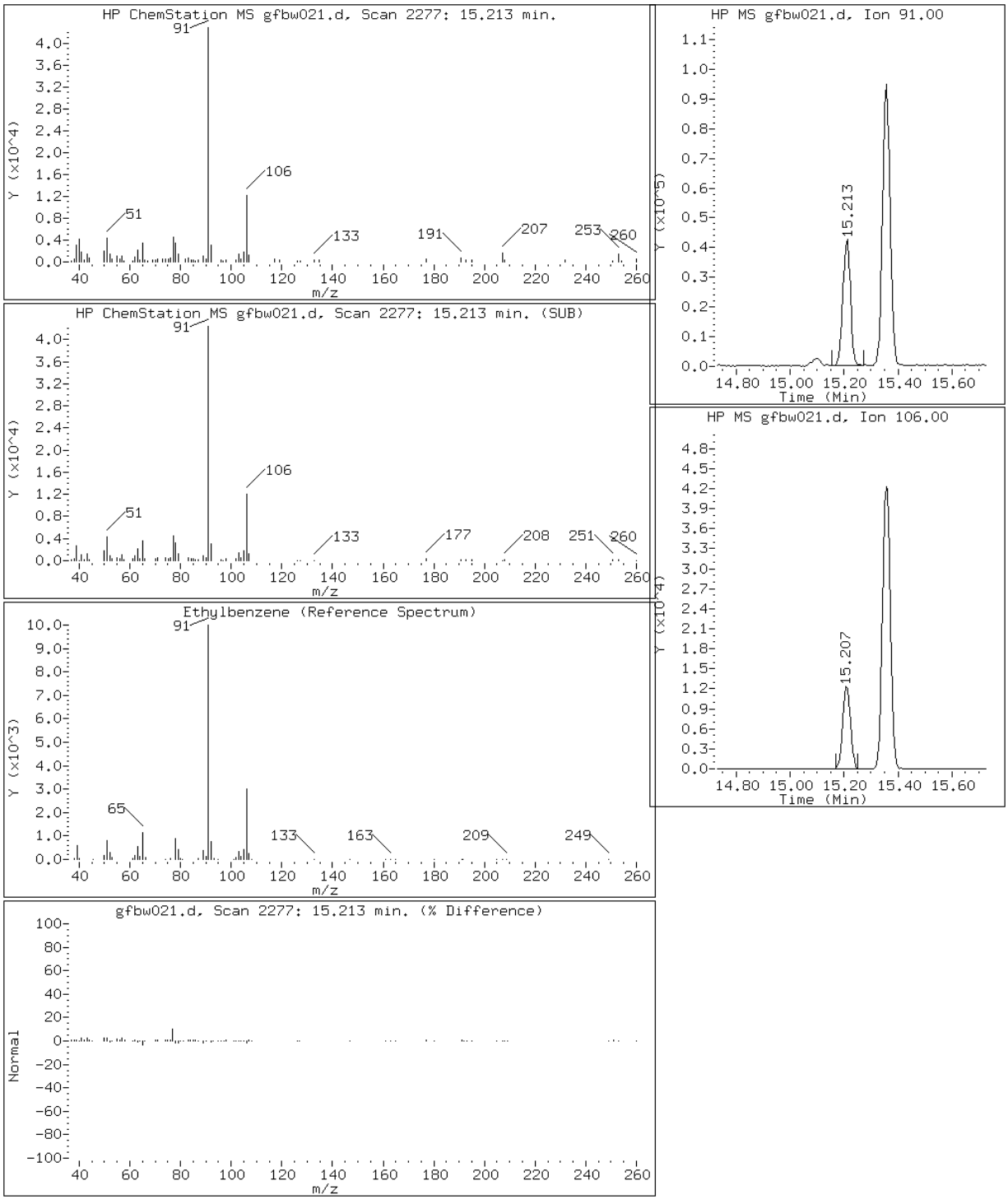
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

68 Ethylbenzene



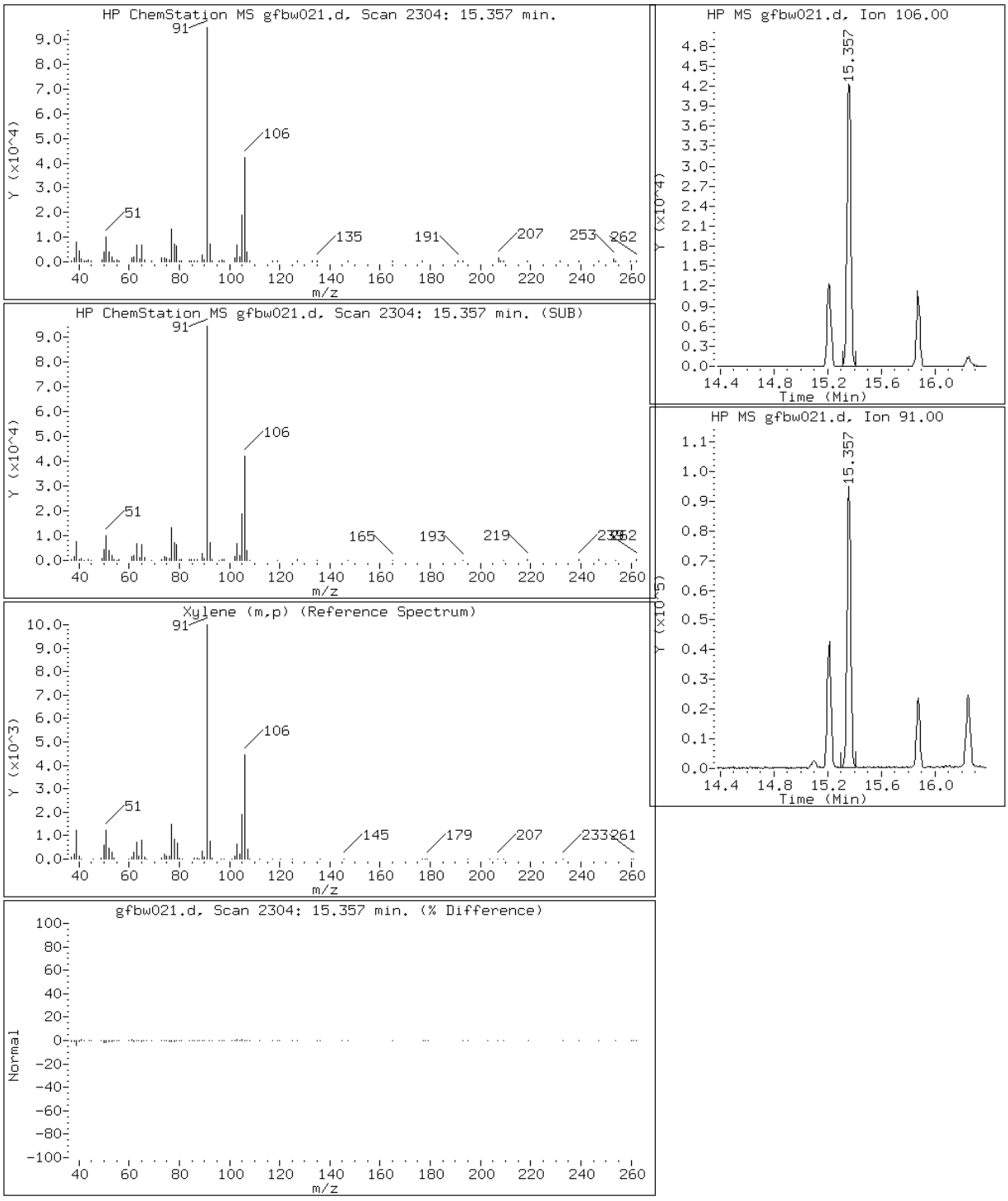
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

69 Xylene (m,p)



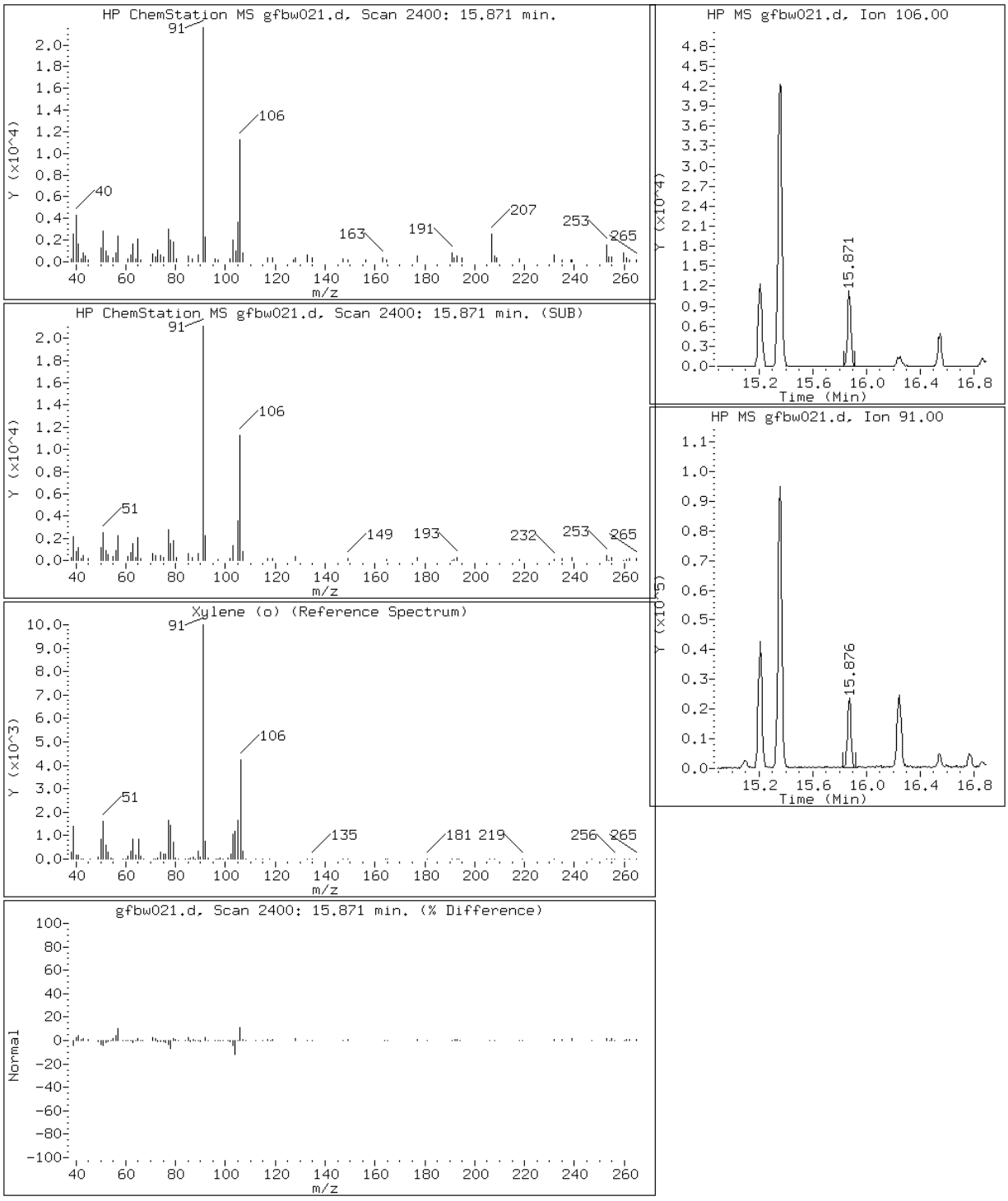
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

71 Xylene (o)



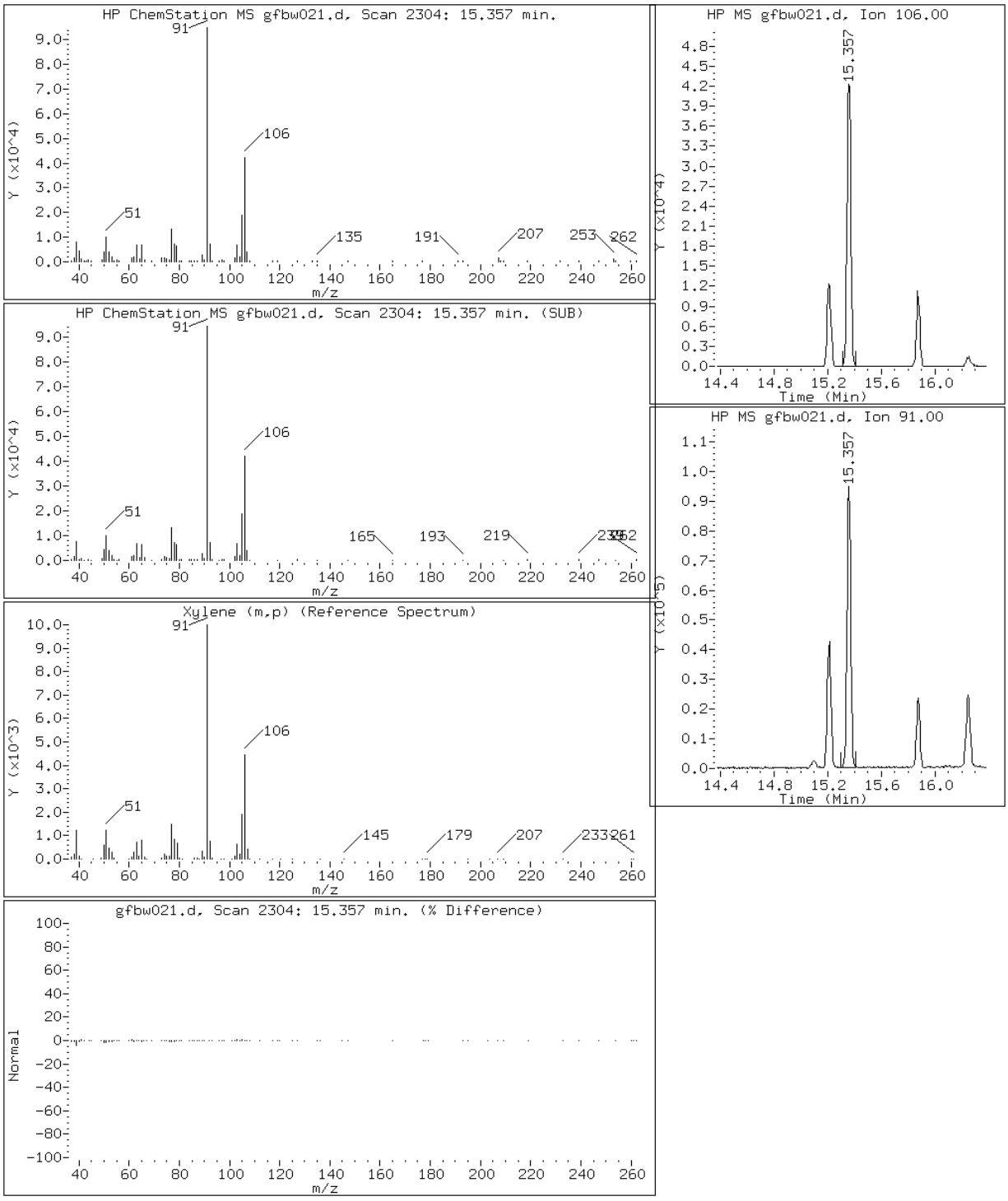
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

69 Xylene (m,p)



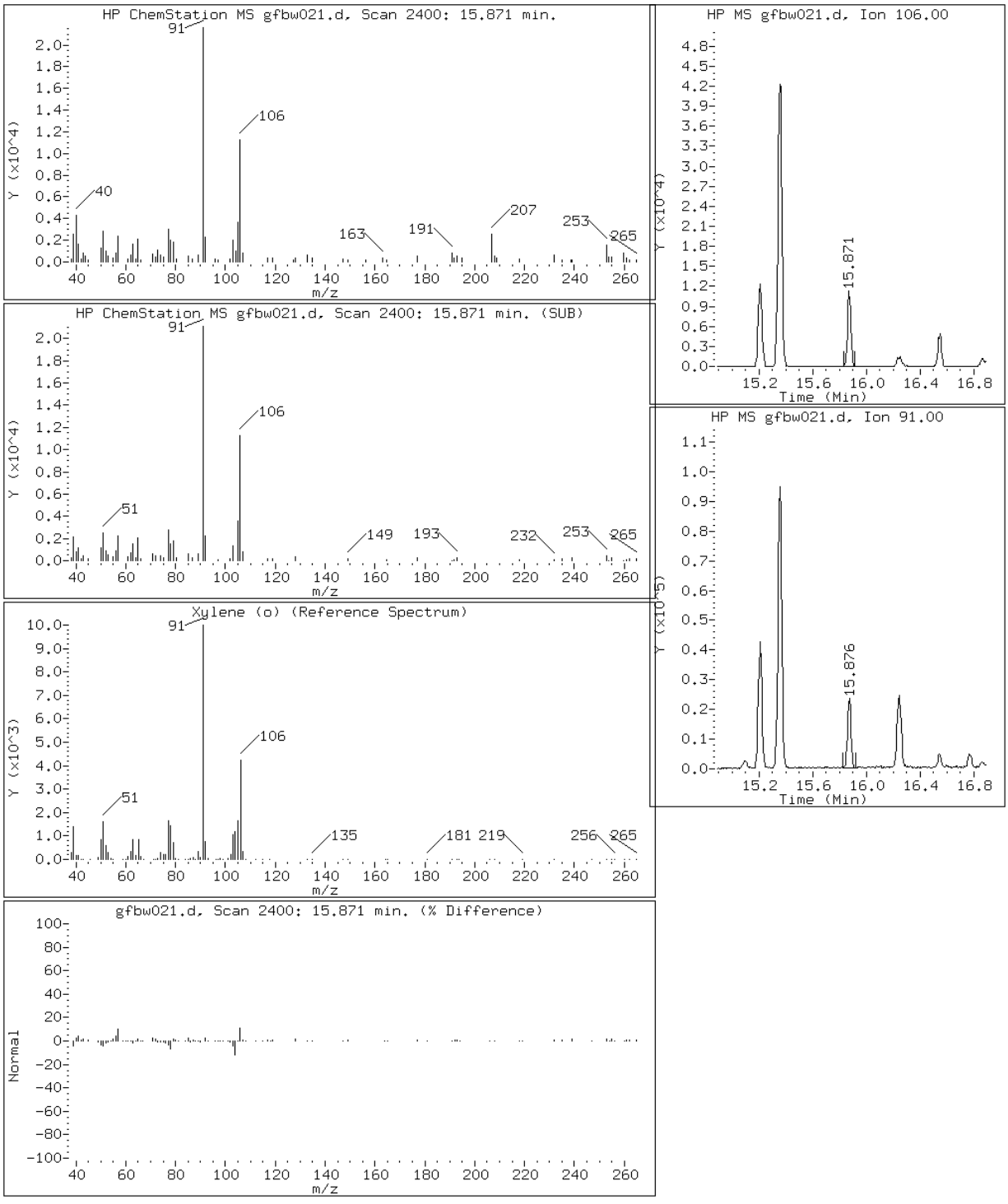
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

71 Xylene (o)



Manual Integration Report

Data File: gfbw021.d
Lab Sample ID: 220-13862-9
Inj. Date and Time: 06-NOV-2010 05:50
Instrument ID: G.i
Client ID: CE-VAPOR-8
Compound: 62 2-Hexanone
CAS #: 591-78-6
Report Date: 11/06/2010

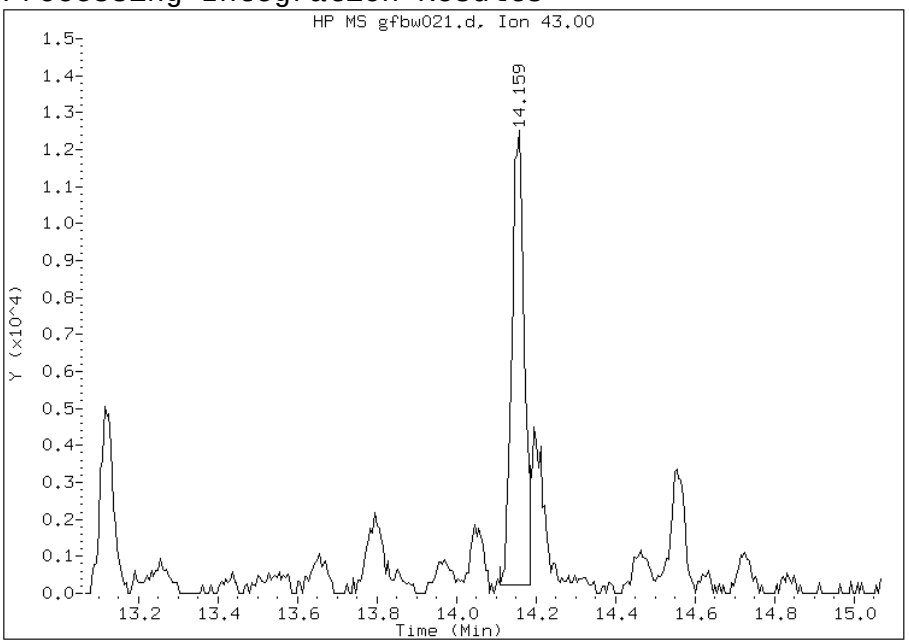
Processing Integration Results

RT: 14.16

Response: 26537

Amount: 0.339498

Conc: 0.339498



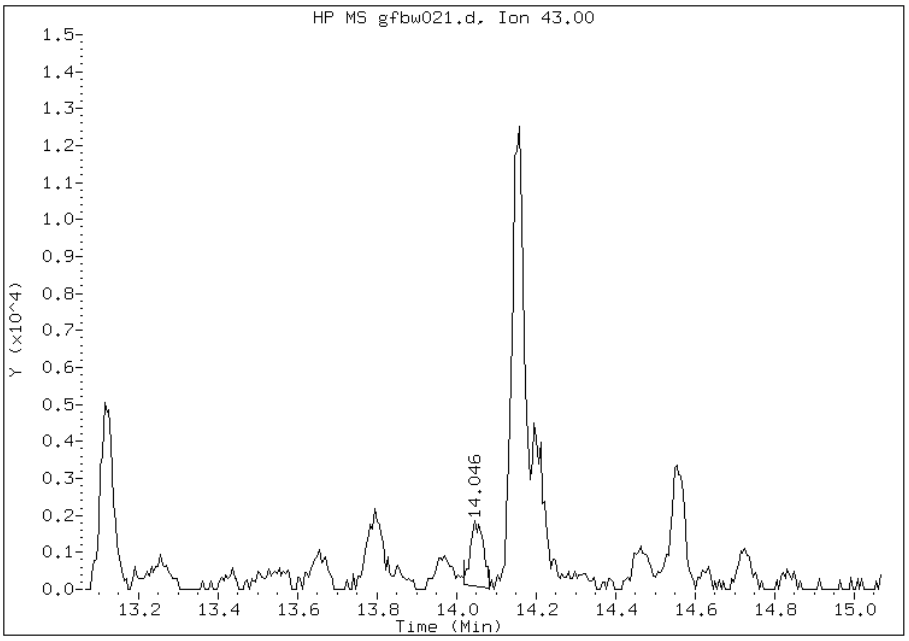
Manual Integration Results

RT: 14.05

Response: 3908

Amount: 0.050002

Conc: 0.050002



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

Manual Integration Report

Data File: gfbw021.d
Lab Sample ID: 220-13862-9
Inj. Date and Time: 06-NOV-2010 05:50
Instrument ID: G.i
Client ID: CE-VAPOR-8
Compound: 72 Styrene
CAS #: 100-42-5
Report Date: 11/06/2010

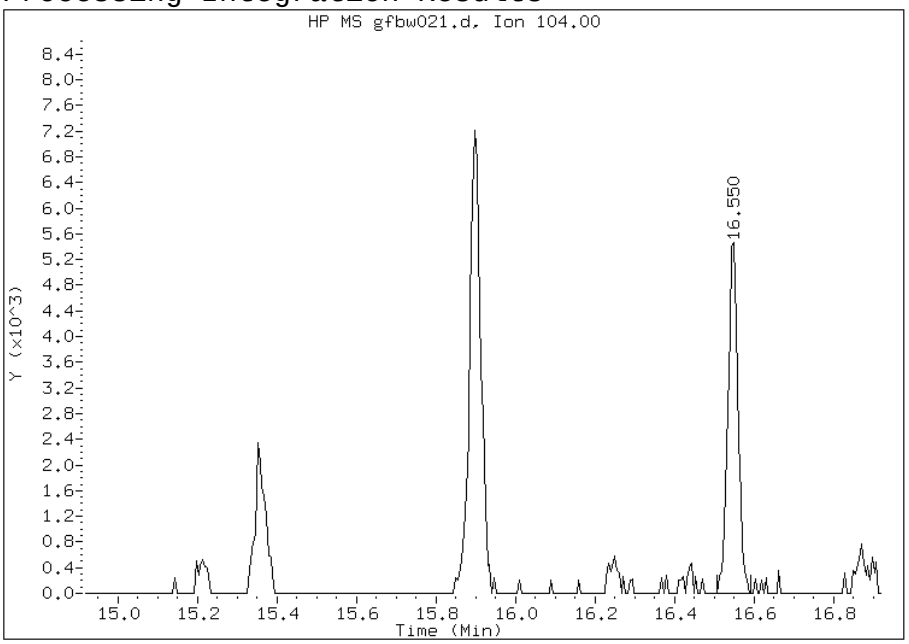
Processing Integration Results

RT: 16.55

Response: 9634

Amount: 0.075701

Conc: 0.075701



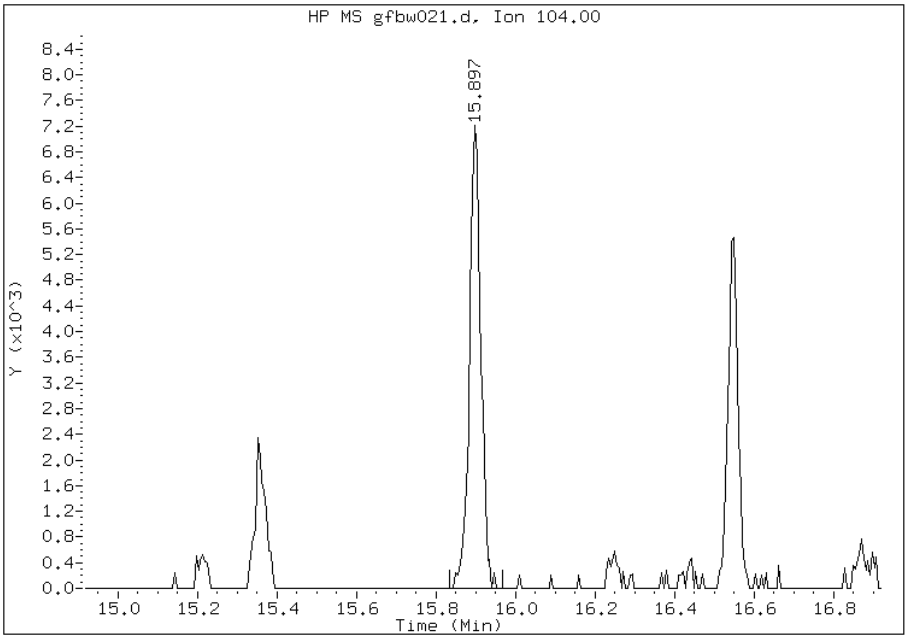
Manual Integration Results

RT: 15.90

Response: 14516

Amount: 0.114067

Conc: 0.114067



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-7345/3	gfb003.d
Level 2	IC 200-7345/4	gfb004.d
Level 3	IC 200-7345/5	gfb005.d
Level 4	ICIS 200-7345/6	gfb006.d
Level 5	IC 200-7345/7	gfb007.d
Level 6	IC 200-7345/8	gfb008.d
Level 7	IC 200-7345/9	gfb009.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.4818	0.5682 0.4849	0.5002	0.4753	0.4906	Ave		0.5002				6.9		30.0			
Dichlorodifluoromethane	+++++ 2.7746	2.8432 2.7209	2.8783	2.7373	2.8329	Ave		2.7979				2.3		30.0			
Freon 22	+++++ 1.2134	1.2802 1.2021	1.2707	1.1983	1.2485	Ave		1.2355				2.9		30.0			
1,2-Dichlorotetrafluoroethane	2.2286 2.1200	2.3492 1.9702	2.0503	2.0450	2.2127	Ave		2.1394				6.1		30.0			
Chloromethane	+++++ 0.4887	0.5753 0.4853	0.5113	0.4766	0.4973	Ave		0.5057				7.1		30.0			
n-Butane	+++++ 0.7784	0.9249 0.7555	0.8245	0.7746	0.8120	Ave		0.8117				7.5		30.0			
Vinyl chloride	0.5893 0.6176	0.6725 0.6040	0.6421	0.6209	0.6469	Ave		0.6276				4.5		30.0			
1,3-Butadiene	0.4194 0.4111	0.4415 0.4011	0.4302	0.4117	0.4247	Ave		0.4200				3.2		30.0			
Bromomethane	0.8700 0.8728	0.9069 0.7973	0.8623	0.8209	0.8598	Ave		0.8557				4.2		30.0			
Chloroethane	+++++ 0.3511	0.3343 0.3279	0.3487	0.3279	0.3479	Ave		0.3396				3.2		30.0			
Isopentane	0.9109 0.7210	0.8041 0.6756	0.7440	0.7052	0.7306	Ave		0.7559				10.4		30.0			
Bromoethene(Vinyl Bromide)	0.8974 0.9092	0.8696 0.8585	0.9227	0.8907	0.9156	Ave		0.8948				2.7		30.0			
Trichlorofluoromethane	3.1248 2.9222	3.0134 2.7246	3.0211	2.8470	2.9434	Ave		2.9423				4.4		30.0			
n-Pentane	+++++ 1.1122	1.2618 1.0380	1.1478	1.0913	1.1411	Ave		1.1320				6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.2526	0.2549 0.2362	0.2545	0.2435	0.2536	Ave		0.2492				3.1		30.0			
Isopropyl alcohol	+++++ 0.7276	+++++ 0.6810	0.7906	0.7632	0.7544	Ave		0.7434				5.6		30.0			
Ethyl ether	0.4685 0.4621	0.4834 0.4405	0.4697	0.4465	0.4782	Ave		0.4641				3.4		30.0			
Acrolein	+++++ 0.2339	+++++ 0.2271	0.2349	0.2293	0.2470	Ave		0.2344				3.3		30.0			
Freon TF	1.8687 1.8356	1.8833 1.6702	1.8192	1.7357	1.8339	Ave		1.8067				4.2		30.0			
1,1-Dichloroethene	0.8093 0.7848	0.8647 0.7354	0.7961	0.7506	0.7957	Ave		0.7909				5.3		30.0			
Acetone	+++++ 1.0432	+++++ 1.0055	1.1696	1.0914	1.0985	Ave		1.0816				5.7		30.0			
Carbon disulfide	+++++ 2.3972	2.4589 2.2919	2.4061	2.2931	2.3997	Ave		2.3745				2.8		30.0			
3-Chloropropene	0.8401 0.8437	0.8624 0.7916	0.8354	0.7930	0.8524	Ave		0.8312				3.4		30.0			
Acetonitrile	+++++ 0.4033	+++++ 0.3918	0.4229	0.4101	0.4172	Ave		0.4091				3.0		30.0			
Methylene Chloride	+++++ 0.8232	1.1462 0.7590	0.8449	0.7853	0.8278	Ave		0.8644				16.4		30.0			
tert-Butyl alcohol	+++++ 1.2041	+++++ 1.1540	1.2936	1.2453	1.2492	Ave		1.2292				4.3		30.0			
Methyl tert-butyl ether	2.3007 2.2432	2.3532 2.1628	2.3270	2.1994	2.3003	Ave		2.2695				3.1		30.0			
trans-1,2-Dichloroethene	1.2765 1.2677	1.2919 1.1666	1.2630	1.2130	1.2724	Ave		1.2502				3.5		30.0			
n-Hexane	1.1107 1.0820	1.0840 0.9935	1.0398	1.0144	1.0773	Ave		1.0574				4.0		30.0			
1,1-Dichloroethane	1.4115 1.5150	1.5370 1.4071	1.4959	1.4414	1.5175	Ave		1.4751				3.7		30.0			
Vinyl acetate	+++++ 1.6353	+++++ 1.5883	1.6502	1.6116	1.6865	Ave		1.6344				2.3		30.0			
cis-1,2-Dichloroethene	0.9412 0.9111	0.9158 0.8388	0.8584	0.8494	0.9038	Ave		0.8884				4.4		30.0			
Methyl Ethyl Ketone	+++++ 0.3163	0.3520 0.2975	0.3249	0.3109	0.3242	Ave		0.3210				5.7		30.0			
Ethyl acetate	+++++ 0.0537	+++++ 0.0521	0.0558	0.0524	0.0558	Ave		0.0539				3.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	+++++ 0.1328	+++++ 0.1261	0.1356	0.1286	0.1349	Ave		0.1316				3.1		30.0			
Chloroform	2.0010 2.1046	2.1480 1.9736	2.0403	2.0083	2.1148	Ave		2.0558				3.2		30.0			
1,1,1-Trichloroethane	0.5035 0.5124	0.5083 0.4674	0.4855	0.4702	0.5136	Ave		0.4944				4.0		30.0			
Cyclohexane	0.2167 0.2236	0.2206 0.2006	0.2154	0.2055	0.2238	Ave		0.2152				4.2		30.0			
Carbon tetrachloride	0.5555 0.5933	0.5591 0.5414	0.5557	0.5407	0.5887	Ave		0.5621				3.7		30.0			
2,2,4-Trimethylpentane	0.6931 0.7281	0.7342 0.6840	0.6891	0.6746	0.7337	Ave		0.7053				3.6		30.0			
Benzene	0.5968 0.5252	0.5608 0.4951	0.5003	0.4830	0.5251	Ave		0.5266				7.6		30.0			
1,2-Dichloroethane	0.3148 0.3061	0.3143 0.2918	0.3008	0.2886	0.3091	Ave		0.3036				3.4		30.0			
n-Heptane	0.2749 0.2578	0.2648 0.2395	0.2485	0.2417	0.2613	Ave		0.2555				5.0		30.0			
Trichloroethene	0.2689 0.2910	0.2817 0.2686	0.2680	0.2679	0.2917	Ave		0.2768				4.0		30.0			
1,2-Dichloropropane	0.1647 0.1730	0.1808 0.1639	0.1717	0.1618	0.1769	Ave		0.1704				4.2		30.0			
Methyl methacrylate	+++++ 0.1570	0.1382 0.1514	0.1506	0.1463	0.1600	Ave		0.1506				5.2		30.0			
1,4-Dioxane	+++++ 0.0701	+++++ 0.0655	0.0782	0.0733	0.0741	Ave		0.0722				6.6		30.0			
Dibromomethane	0.2932 0.2996	0.2942 0.2787	0.2797	0.2759	0.3007	Ave		0.2889				3.6		30.0			
Bromodichloromethane	0.4408 0.4891	0.4642 0.4644	0.4742	0.4561	0.4953	Ave		0.4692				4.0		30.0			
cis-1,3-Dichloropropene	0.3127 0.3188	0.3071 0.3038	0.3088	0.2934	0.3218	Ave		0.3095				3.1		30.0			
methyl isobutyl ketone	+++++ 0.3102	0.2835 0.2997	0.3156	0.3010	0.3226	Ave		0.3054				4.5		30.0			
n-Octane	0.3585 0.3400	0.3768 0.3124	0.3447	0.3234	0.3503	Ave		0.3437				6.2		30.0			
Toluene	0.4111 0.3901	0.4353 0.3625	0.3923	0.3729	0.3969	Ave		0.3944				6.1		30.0			
trans-1,3-Dichloropropene	0.3353 0.3478	0.3415 0.3336	0.3362	0.3199	0.3535	Ave		0.3383				3.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.1915 0.2021	0.2130 0.1885	0.2012	0.1933	0.2048	Ave		0.1992				4.3		30.0			
Tetrachloroethene	0.4535 0.4403	0.4616 0.4070	0.4357	0.4177	0.4454	Ave		0.4373				4.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.3118	0.2873 0.3029	0.3208	0.3063	0.3259	Ave		0.3092				4.5		30.0			
Dibromochloromethane	0.4723 0.5529	0.4877 0.5227	0.5236	0.5195	0.5556	Ave		0.5192				5.9		30.0			
1,2-Dibromoethane	0.4062 0.4280	0.4186 0.4030	0.4212	0.4031	0.4314	Ave		0.4159				2.9		30.0			
Chlorobenzene	0.5929 0.5844	0.5940 0.5518	0.5690	0.5500	0.5884	Ave		0.5758				3.3		30.0			
Ethylbenzene	0.9318 0.8947	0.9290 0.8383	0.8903	0.8511	0.9118	Ave		0.8924				4.1		30.0			
n-Nonane	0.3345 0.3449	0.3610 0.3189	0.3538	0.3342	0.3523	Ave		0.3428				4.2		30.0			
m,p-Xylene	0.3444 0.3424	0.3437 0.3222	0.3433	0.3267	0.3495	Ave		0.3389				3.0		30.0			
Xylene, o-	0.3495 0.3412	0.3457 0.3176	0.3458	0.3274	0.3502	Ave		0.3396				3.7		30.0			
Styrene	0.4367 0.5428	0.4582 0.5157	0.5140	0.5073	0.5487	Ave		0.5033				8.3		30.0			
Bromoform	0.4574 0.6059	0.4926 0.5714	0.5871	0.5665	0.6113	Ave		0.5560				10.5		30.0			
Cumene	0.9943 1.0459	1.0335 0.9926	1.0491	0.9957	1.0693	Ave		1.0258				3.1		30.0			
1,1,2,2-Tetrachloroethane	0.4832 0.5047	0.5001 0.4735	0.5252	0.4906	0.5204	Ave		0.4997				3.8		30.0			
n-Propylbenzene	1.0622 1.2012	1.1872 1.1101	1.2116	1.1436	1.2256	Ave		1.1631				5.2		30.0			
1,2,3-Trichloropropane	+++++ 0.3901	0.4113 0.3633	0.4103	0.3793	0.4028	Ave		0.3928				4.8		30.0			
n-Decane	+++++ 0.4316	0.3849 0.4039	0.4364	0.4111	0.4387	Ave		0.4178				5.1		30.0			
4-Ethyltoluene	0.9393 1.0694	1.0133 1.0092	1.0684	1.0139	1.0875	Ave		1.0287				4.9		30.0			
2-Chlorotoluene	0.9182 0.9898	0.9829 0.9358	1.0075	0.9486	1.0144	Ave		0.9710				3.8		30.0			
1,3,5-Trimethylbenzene	0.7801 0.9183	0.8827 0.8668	0.9260	0.8649	0.9365	Ave		0.8822				6.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	0.7746 0.8629	0.8421 0.8140	0.8770	0.8222	0.8823	Ave		0.8393				4.6		30.0			
1,2,4-Trimethylbenzene	0.7680 0.9118	0.8431 0.8661	0.9244	0.8646	0.9343	Ave		0.8732				6.6		30.0			
sec-Butylbenzene	1.0700 1.2623	1.1899 1.1806	1.2821	1.2054	1.2870	Ave		1.2110				6.3		30.0			
4-Isopropyltoluene	0.8823 1.1125	1.0142 1.0551	1.1184	1.0551	1.1399	Ave		1.0539				8.3		30.0			
1,3-Dichlorobenzene	0.6201 0.6849	0.6546 0.6448	0.6862	0.6439	0.6974	Ave		0.6617				4.3		30.0			
1,4-Dichlorobenzene	0.5937 0.6790	0.6564 0.6436	0.6762	0.6344	0.6941	Ave		0.6539				5.2		30.0			
Benzyl chloride	0.6773 0.8214	0.7329 0.7880	0.8143	0.7702	0.8341	Ave		0.7769				7.2		30.0			
n-Undecane	+++++ 0.3685	+++++ 0.4052	0.2839	0.2592	0.3473	Ave		0.3328				18.1		30.0			
n-Butylbenzene	0.6905 0.9484	0.8130 0.8869	0.9666	0.9064	0.9803	Ave		0.8846				11.6		30.0			
1,2-Dichlorobenzene	0.5826 0.6452	0.6307 0.6117	0.6615	0.6131	0.6639	Ave		0.6298				4.7		30.0			
n-Dodecane	+++++ 0.2394	+++++ 0.1272	0.2262	0.2000	0.2449	Ave		0.2075				23.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5258	0.3686 0.4154	0.4839	0.4642	0.5329	Ave		0.4651				13.7		30.0			
Hexachlorobutadiene	0.4055 0.5248	0.4769 0.3779	0.5593	0.5084	0.5444	Ave		0.4853				14.3		30.0			
Naphthalene	+++++ 0.9828	0.5918 0.7910	0.8357	0.8384	0.9759	Ave		0.8359				17.2		30.0			
1,2,3-Trichlorobenzene	0.2863 0.4510	0.3178 0.2696	0.4233	0.3972	0.4609	Ave		0.3723				21.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-7345/3	gfb003.d
Level 2	IC 200-7345/4	gfb004.d
Level 3	IC 200-7345/5	gfb005.d
Level 4	ICIS 200-7345/6	gfb006.d
Level 5	IC 200-7345/7	gfb007.d
Level 6	IC 200-7345/8	gfb008.d
Level 7	IC 200-7345/9	gfb009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 497111	13914 1005928	120617	245407	373046	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	+++++ 2862616	69619 5644022	694064	1413330	2154062	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	+++++ 1251820	31348 2493584	306418	618679	949293	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	22042 2187198	57522 4086852	494398	1055890	1682460	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	+++++ 504197	14086 1006569	123298	246101	378119	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	+++++ 803097	22647 1567128	198823	399930	617449	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	5828 637214	16467 1252819	154830	320594	491914	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	4148 424129	10810 831949	103739	212578	322955	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	8605 900420	22207 1653881	207928	423819	653749	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	+++++ 362191	8185 680167	84083	169288	264556	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	9009 743839	19689 1401415	179400	364082	555528	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	8876 938008	21293 1780834	222507	459874	696181	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	30905 3014876	73785 5651574	728488	1469931	2238052	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	+++++ 1147495	30897 2153193	276785	563438	867644	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	+++++ 521288	62407 1224666	122731	188568	257095	+++++ 40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isopropyl alcohol	BCM	Ave	+++++ 750718	+++++ 1412556	190650	394070	573656	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Ethyl ether	BCM	Ave	4634 476743	11836 913785	113256	230535	363593	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	+++++ 241284	+++++ 471161	56636	118383	187804	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	18482 1893780	46115 3464426	438666	896159	1394471	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	8004 809675	21174 1525536	191961	387566	605001	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	+++++ 1076311	+++++ 2085605	282026	563522	835252	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	+++++ 2473231	60208 4754110	580200	1183952	1824642	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	8309 870443	21116 1641982	201443	409432	648159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	+++++ 416060	+++++ 812729	101983	211754	317198	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	+++++ 849339	28065 1574349	203734	405471	629466	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	+++++ 1242301	+++++ 2393806	311929	642966	949850	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	22755 2314289	57619 4486240	561113	1135583	1749076	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12625 1307913	31633 2419863	304565	626311	967461	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	10985 1116343	26543 2060812	250722	523762	819178	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	13960 1563036	37636 2918739	360719	744221	1153885	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	+++++ 1687125	+++++ 3294709	397931	832083	1282334	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	9309 939970	22424 1739922	206992	438559	687234	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 326320	8619 617019	78345	160503	246517	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	+++++ 55390	+++++ 107970	13463	27041	42429	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	+++++ 649152	+++++ 1254949	157662	323699	487124	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	19791 2171371	52596 4093850	491980	1036918	1608012	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,1-Trichloroethane	DFB	Ave	24089 2505426	60161 4650814	564438	1183647	1854558	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	10367 1093073	26104 1996428	250417	517374	808120	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	26576 2900754	66169 5387784	645955	1361057	2125536	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	33158 3559821	86891 6806707	801030	1698055	2649436	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	28553 2567948	66364 4927186	581561	1215705	1896062	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	15061 1496829	37197 2904127	349624	726342	1116178	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	13152 1260358	31334 2382841	288895	608400	943533	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	12865 1422598	33344 2672514	311584	674438	1053145	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	7880 846015	21394 1630685	199594	407284	638886	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	+++++ 767415	16351 1506662	175064	368280	577816	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	+++++ 342889	+++++ 651487	90882	184383	267603	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	14029 1464921	34822 2773313	325205	694369	1085783	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	21089 2391251	54938 4620921	551282	1148127	1788614	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	14958 1558576	36346 3023120	358996	738423	1161979	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	+++++ 1516558	33552 2982519	366918	757556	1164777	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	17151 1662465	44591 3108561	400718	813915	1264989	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	18522 1851115	48236 3529811	435282	894180	1391249	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	16040 1700727	40416 3319564	390890	805267	1276350	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	8627 958876	23600 1835512	223201	463395	717989	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrachloroethene	CBZ	Ave	20431 2089468	51151 3963514	483401	1001695	1561054	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1479612	31830 2949258	355929	734399	1142380	+++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromochloromethane	CBZ	Ave	21278 2623930	54037 5090117	580900	1245571	1947445	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	18300 2031157	46386 3924255	467275	966485	1512090	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	26715 2773344	65811 5373729	631348	1318740	2062266	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	41982 4245691	102930 8163504	987746	2040817	3195886	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	15073 1636636	39994 3105595	392578	801375	1234796	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	31031 3249512	76157 6275143	761868	1566581	2450256	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	15748 1619065	38299 3092573	383700	785108	1227437	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	19677 2575899	50768 5022047	570235	1216401	1923343	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	20607 2875262	54584 5564344	651426	1358393	2142677	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	44799 4963287	114509 9665638	1163934	2387612	3747851	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	21770 2395093	55412 4610968	582766	1176279	1824043	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	47858 5700366	131540 10810542	1344234	2742134	4295651	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1850985	45574 3537415	455264	909436	1411891	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	+++++ 2048318	42649 3932777	484161	985711	1537728	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	42321 5074883	112272 9827233	1185422	2431229	3811475	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	41372 4696931	108907 9112446	1117803	2274497	3555343	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	35147 4357916	97807 8441270	1027389	2073902	3282255	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	34902 4094984	93310 7927116	973012	1971512	3092265	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	34605 4326742	93418 8433694	1025600	2073254	3274749	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	48209 5989932	131840 11496632	1422473	2890372	4510861	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	39753 5279163	112376 10274436	1240899	2529849	3995236	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichlorobenzene	CBZ	Ave	27940 3249977	72529 6279394	761321	1543943	2444187	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	26749 3222274	72730 6267573	750293	1521124	2432668	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	30515 3897711	81205 7673623	903421	1846798	2923554	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	+++++ 1748763	+++++ 3945423	314987	621610	1217396	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	31110 4500690	90085 8636418	1072424	2173333	3435856	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	26248 3061607	69883 5957159	733888	1470206	2326844	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	+++++ 1135830	+++++ 1238587	250926	479538	858267	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2495101	40845 4044894	536935	1113168	1867870	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	18271 2490430	52839 3680282	620581	1219159	1908264	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	+++++ 4663794	65568 7702589	927230	2010387	3420405	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	12899 2140062	35217 2625313	469627	952388	1615324	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb003.d
Lab Smp Id: ic 055034
Inj Date : 01-OCT-2010 01:39
Operator : njr Inst ID: G.i
Smp Info : ic 055034
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 01:39 Cal File: gfb003.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	28970	0.20000	0.21(a)
3 Chlorodifluoromethane	51	3.203	3.192	(0.334)	14338	0.20000	0.24(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	22042	0.20000	0.21
5 Chloromethane	50	3.518	3.513	(0.367)	6108	0.20000	0.26(a)
6 Butane	43	3.695	3.689	(0.385)	8563	0.20000	0.22(a)
7 Vinyl chloride	62	3.727	3.727	(0.388)	5828	0.20000	0.19(a)
8 1,3-Butadiene	54	3.796	3.796	(0.396)	4148	0.20000	0.20
9 Bromomethane	94	4.481	4.476	(0.467)	8605	0.20000	0.21
10 Chloroethane	64	4.711	4.700	(0.491)	3245	0.20000	0.20(a)
11 2-Methylbutane	43	4.775	4.775	(0.498)	9009	0.20000	0.23
12 Vinyl bromide	106	5.096	5.096	(0.531)	8876	0.20000	0.20
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	30905	0.20000	0.21
14 Pentane	43	5.310	5.316	(0.553)	11801	0.20000	0.22(a)
16 Ethyl ether	59	5.797	5.781	(0.604)	4634	0.20000	0.20

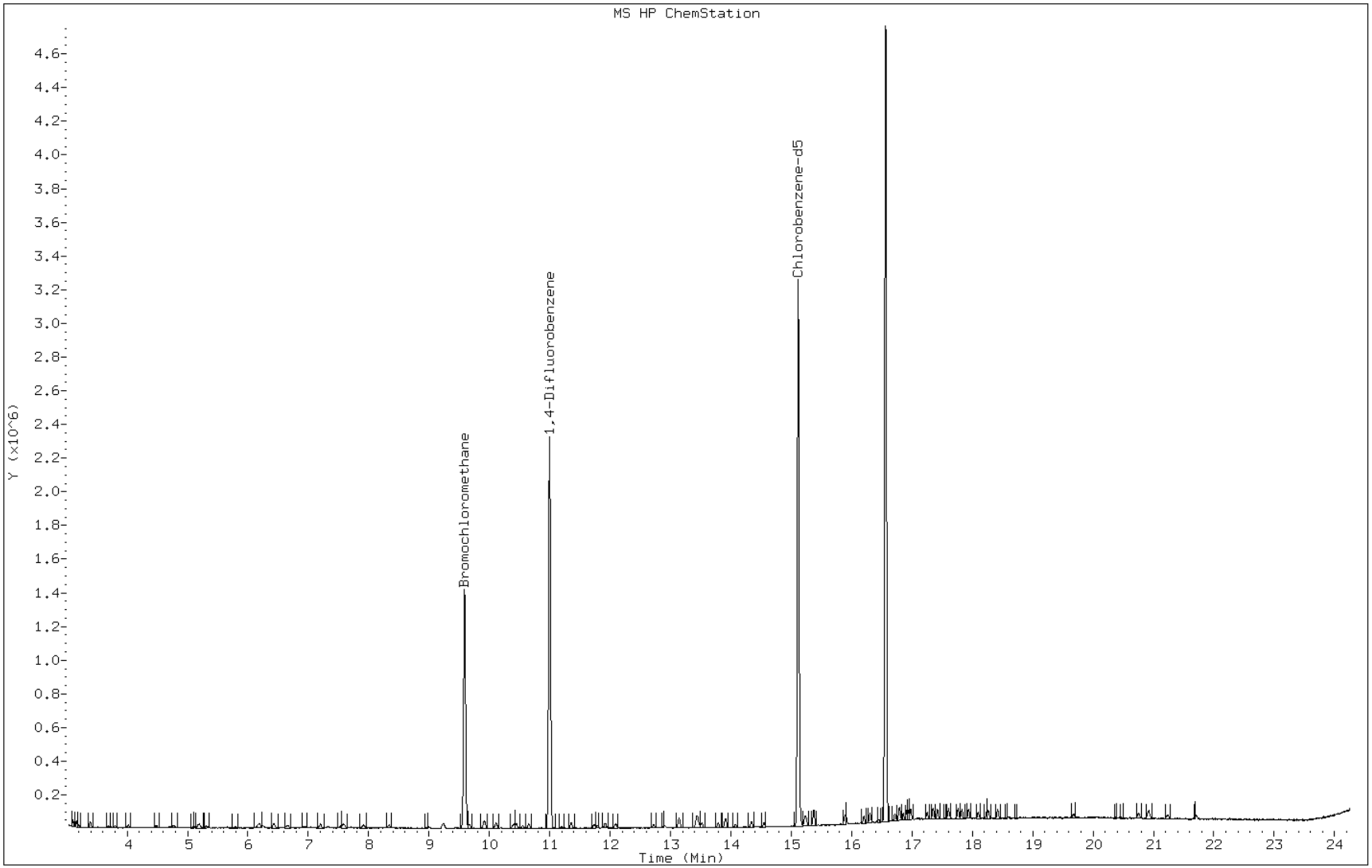
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	18482	0.20000	0.21
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	8004	0.20000	0.21
	21 Carbon disulfide	76	6.659	6.658	(0.694)	23296	0.20000	0.21(a)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	6.942	6.942	(0.723)	8309	0.20000	0.21
	25 Methylene chloride	49	7.204	7.199	(0.751)	14858	0.20000	0.38(a)
	27 Methyl tert-butyl ether	73	7.547	7.541	(0.786)	22755	0.20000	0.20
	28 1,2-Dichloroethene (trans)	61	7.595	7.589	(0.791)	12625	0.20000	0.21
	29 Acrylonitrile	53	7.691	7.696	(0.802)	4678	0.20000	0.22(a)
	30 n-Hexane	57	7.910	7.910	(0.824)	10985	0.20000	0.21
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	13960	0.20000	0.20
M	33 1,2-Dichloroethene,Total	61				21935	0.40000	0.42
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	9309	0.20000	0.21
	36 Methyl Ethyl Ketone	72	9.242	9.232	(0.963)	3833	0.20000	0.25(aQ)
*	37 Bromochloromethane	128	9.596	9.595	(1.000)	494516	10.0000	
	39 Chloroform	83	9.665	9.665	(1.007)	19791	0.20000	0.20
	40 Cyclohexane	84	9.927	9.916	(0.903)	10367	0.20000	0.21
	41 1,1,1-Trichloroethane	97	9.917	9.916	(0.902)	24089	0.20000	0.21
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	26576	0.20000	0.20
	43 2,2,4-Trimethylpentane	57	10.409	10.398	(0.946)	33158	0.20000	0.20
	44 Benzene	78	10.446	10.451	(0.950)	28553	0.20000	0.22
	45 1,2-Dichloroethane	62	10.559	10.558	(0.960)	15061	0.20000	0.21
	46 n-Heptane	43	10.649	10.655	(0.968)	13152	0.20000	0.21
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2392101	10.0000	
	49 Trichloroethene	95	11.350	11.355	(1.032)	12865	0.20000	0.20
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	7880	0.20000	0.20
	51 Methyl methacrylate	69	11.784	11.789	(1.071)	6709	0.20000	0.19(a)
	52 Dibromomethane	174	11.923	11.922	(1.084)	14029	0.20000	0.21
	54 Bromodichloromethane	83	12.089	12.094	(1.099)	21089	0.20000	0.20
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	14958	0.20000	0.21
	56 Methyl isobutyl ketone	43	12.896	12.891	(1.173)	13437	0.20000	0.19(a)
	57 n-Octane	43	13.132	13.137	(1.194)	17151	0.20000	0.21(a)
	58 Toluene	92	13.153	13.153	(0.870)	18522	0.20000	0.21
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	16040	0.20000	0.20
	60 1,1,2-Trichloroethane	83	13.784	13.795	(0.912)	8627	0.20000	0.20
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	20431	0.20000	0.21
	62 2-Hexanone	43	14.079	14.068	(0.931)	13728	0.20000	0.20(a)
	63 Dibromochloromethane	129	14.346	14.346	(0.949)	21278	0.20000	0.19(a)
	64 1,2-Dibromoethane	107	14.549	14.549	(0.962)	18300	0.20000	0.20
*	65 Chlorobenzene-d5	117	15.116	15.116	(1.000)	2252803	10.0000	
	66 Chlorobenzene	112	15.154	15.154	(1.002)	26715	0.20000	0.21
	67 n-Nonane	57	15.245	15.250	(1.008)	15073	0.20000	0.20
	68 Ethylbenzene	91	15.229	15.229	(1.007)	41982	0.20000	0.21
	69 Xylene (m,p)	106	15.379	15.378	(1.017)	31031	0.40000	0.41
M	70 Xylenes, Total	106				46780	0.20000	0.62
	71 Xylene (o)	106	15.892	15.892	(1.051)	15748	0.20000	0.21
	72 Styrene	104	15.914	15.919	(1.053)	19677	0.20000	0.19(a)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
73 Bromoform	173	16.202	16.202	(1.072)	20607	0.20000	0.18(a)
74 Isopropylbenzene	105	16.304	16.309	(1.079)	44799	0.20000	0.20
75 1,1,2,2-Tetrachloroethane	83	16.716	16.721	(1.106)	21770	0.20000	0.20
76 n-Propylbenzene	91	16.786	16.791	(1.110)	47858	0.20000	0.19(a)
77 1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	18977	0.20000	0.22(a)
78 n-Decane	57	16.855	16.860	(1.115)	15540	0.20000	0.17(a)
79 4-Ethyltoluene	105	16.914	16.914	(1.119)	42321	0.20000	0.19(a)
80 2-Chlorotoluene	91	16.946	16.951	(1.121)	41372	0.20000	0.20
81 1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	35147	0.20000	0.19(a)
82 Alpha Methyl Styrene	118	17.251	17.251	(1.141)	14060	0.20000	0.17(a)
83 tert-butylbenzene	119	17.353	17.352	(1.148)	34902	0.20000	0.19(a)
84 1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	34605	0.20000	0.19(a)
85 sec-Butylbenzene	105	17.609	17.609	(1.165)	48209	0.20000	0.19(a)
86 4-Isopropyltoluene	119	17.765	17.764	(1.175)	39753	0.20000	0.18(a)
87 1,3-Dichlorobenzene	146	17.823	17.828	(1.179)	27940	0.20000	0.20
88 1,4-Dichlorobenzene	146	17.936	17.941	(1.187)	26749	0.20000	0.19(a)
89 Benzyl chloride	91	18.102	18.101	(1.197)	30515	0.20000	0.19(a)
91 n-Butylbenzene	91	18.262	18.267	(1.208)	31110	0.20000	0.17(a)
92 1,2-Dichlorobenzene	146	18.417	18.422	(1.218)	26248	0.20000	0.19(a)
94 1,2,4-Trichlorobenzene	180	20.750	20.755	(1.373)	15092	0.20000	0.14(a)
95 1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	18271	0.20000	0.18(a)
96 Naphthalene	128	21.242	21.236	(1.405)	26630	0.20000	0.14(a)
97 1,2,3-Trichlorobenzene	180	21.697	21.702	(1.435)	12899	0.20000	0.17(a)

QC Flag Legend

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

Data File:	gfb003.d	Date:	01-OCT-2010 01:39
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055034		
Lab Sample ID:	ic 055034		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb004.d
Lab Smp Id: ic 055033
Inj Date : 01-OCT-2010 02:27
Operator : njr Inst ID: G.i
Smp Info : ic 055033
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 02:27 Cal File: gfb004.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	69619	0.50000	0.51
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	31348	0.50000	0.52
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.379	3.384	(0.352)	57522	0.50000	0.53
5 Chloromethane	50	3.513	3.513	(0.366)	14086	0.50000	0.55
6 Butane	43	3.689	3.689	(0.385)	22647	0.50000	0.54
7 Vinyl chloride	62	3.727	3.727	(0.389)	16467	0.50000	0.54
8 1,3-Butadiene	54	3.796	3.796	(0.396)	10810	0.50000	0.52
9 Bromomethane	94	4.476	4.476	(0.467)	22207	0.50000	0.52
10 Chloroethane	64	4.700	4.700	(0.490)	8185	0.50000	0.50
11 2-Methylbutane	43	4.775	4.775	(0.498)	19689	0.50000	0.50
12 Vinyl bromide	106	5.096	5.096	(0.531)	21293	0.50000	0.49
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	73785	0.50000	0.50
14 Pentane	43	5.310	5.316	(0.554)	30897	0.50000	0.54
15 Ethanol	45	5.637	5.642	(0.588)	62407	5.00000	5.1

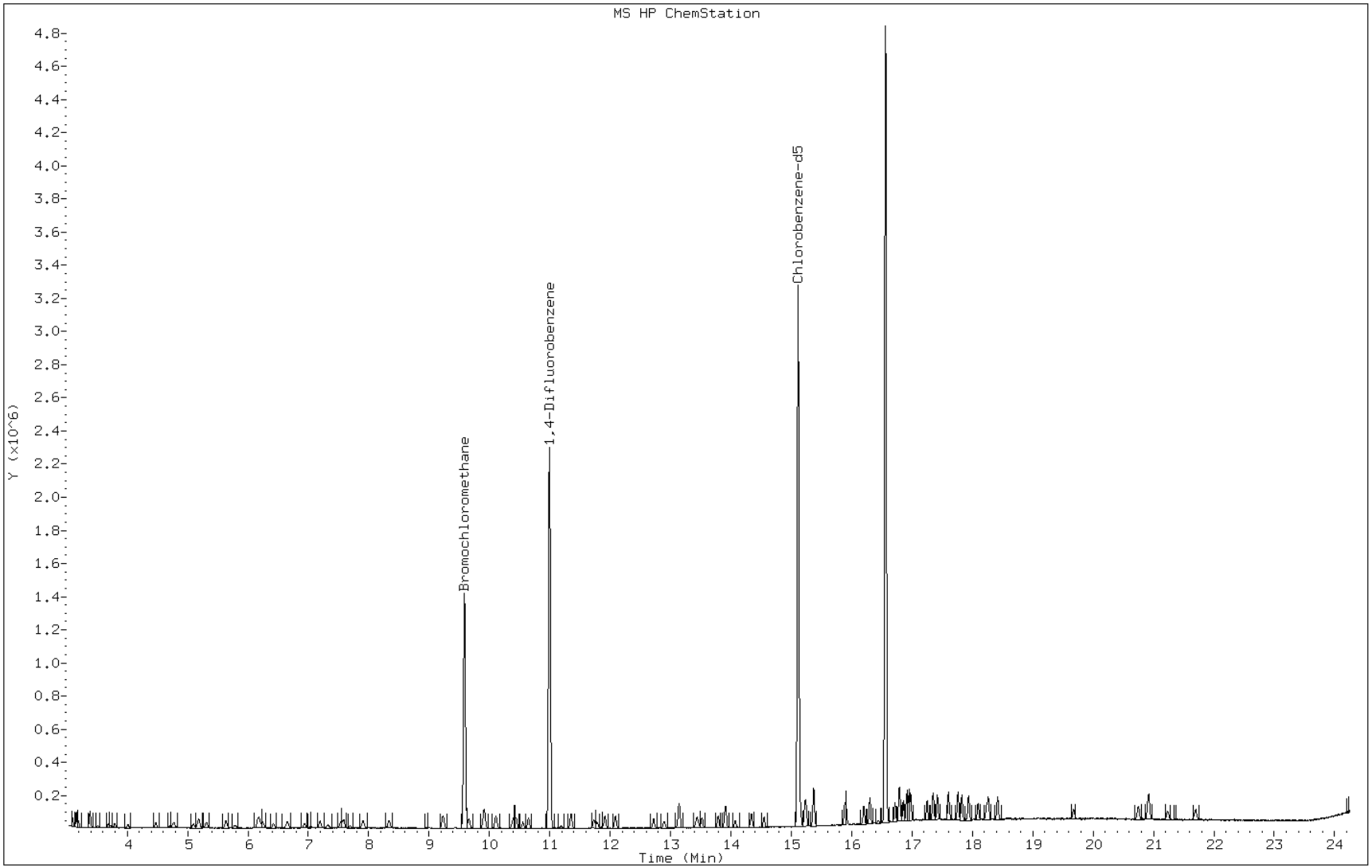
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	16 Ethyl ether	59	5.792	5.781	(0.604)	11836	0.50000	0.52
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.188	6.182	(0.645)	46115	0.50000	0.51
	19 1,1-Dichloroethene	96	6.241	6.252	(0.651)	21174	0.50000	0.53
	21 Carbon disulfide	76	6.658	6.658	(0.694)	60208	0.50000	0.52
	23 Allyl chloride	41	6.937	6.942	(0.723)	21116	0.50000	0.52
	25 Methylene chloride	49	7.193	7.199	(0.750)	28065	0.50000	0.59
	27 Methyl tert-butyl ether	73	7.546	7.541	(0.787)	57619	0.50000	0.52
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	31633	0.50000	0.51
	29 Acrylonitrile	53	7.686	7.696	(0.801)	11457	0.50000	0.52
	30 n-Hexane	57	7.910	7.910	(0.825)	26543	0.50000	0.51
	31 1,1-Dichloroethane	63	8.333	8.333	(0.869)	37636	0.50000	0.53
M	33 1,2-Dichloroethene,Total	61				54058	1.00000	1.0
	34 1,2-Dichloroethene (cis)	96	9.221	9.226	(0.962)	22424	0.50000	0.51
	36 Methyl Ethyl Ketone	72	9.242	9.232	(0.964)	8619	0.50000	0.53(Q)
*	37 Bromochloromethane	128	9.590	9.595	(1.000)	489718	10.0000	
	39 Chloroform	83	9.665	9.665	(1.008)	52596	0.50000	0.52
	40 Cyclohexane	84	9.911	9.916	(0.901)	26104	0.50000	0.51
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.902)	60161	0.50000	0.51
	42 Carbon tetrachloride	117	10.109	10.114	(0.919)	66169	0.50000	0.51
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	86891	0.50000	0.52
	44 Benzene	78	10.446	10.451	(0.950)	66364	0.50000	0.51
	45 1,2-Dichloroethane	62	10.553	10.558	(0.960)	37197	0.50000	0.51
	46 n-Heptane	43	10.649	10.655	(0.968)	31334	0.50000	0.51
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2366935	10.0000	
	49 Trichloroethene	95	11.350	11.355	(1.032)	33344	0.50000	0.52
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	21394	0.50000	0.53
	51 Methyl methacrylate	69	11.783	11.789	(1.071)	16351	0.50000	0.49(a)
	52 Dibromomethane	174	11.917	11.922	(1.084)	34822	0.50000	0.51
	54 Bromodichloromethane	83	12.088	12.094	(1.099)	54938	0.50000	0.51
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	36346	0.50000	0.50
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	33552	0.50000	0.49(a)
	57 n-Octane	43	13.132	13.137	(1.194)	44591	0.50000	0.53
	58 Toluene	92	13.148	13.153	(0.870)	48236	0.50000	0.54
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	40416	0.50000	0.51
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	23600	0.50000	0.53
	61 Tetrachloroethene	166	13.913	13.913	(0.921)	51151	0.50000	0.52
	62 2-Hexanone	43	14.073	14.068	(0.931)	31830	0.50000	0.48(a)
	63 Dibromochloromethane	129	14.341	14.346	(0.949)	54037	0.50000	0.49
	64 1,2-Dibromoethane	107	14.549	14.549	(0.963)	46386	0.50000	0.51
*	65 Chlorobenzene-d5	117	15.111	15.116	(1.000)	2216039	10.0000	
	66 Chlorobenzene	112	15.154	15.154	(1.003)	65811	0.50000	0.51
	67 n-Nonane	57	15.250	15.250	(1.009)	39994	0.50000	0.53
	68 Ethylbenzene	91	15.223	15.229	(1.007)	102930	0.50000	0.51
	69 Xylene (m,p)	106	15.373	15.378	(1.017)	76157	1.00000	1.0
M	70 Xylenes, Total	106				114456	0.50000	1.5
	71 Xylene (o)	106	15.892	15.892	(1.052)	38299	0.50000	0.51
	72 Styrene	104	15.913	15.919	(1.053)	50768	0.50000	0.49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
73 Bromoform	173	16.202	16.202	(1.072)	54584	0.50000	0.49
74 Isopropylbenzene	105	16.304	16.309	(1.079)	114509	0.50000	0.51
75 1,1,2,2-Tetrachloroethane	83	16.716	16.721	(1.106)	55412	0.50000	0.51
76 n-Propylbenzene	91	16.785	16.791	(1.111)	131540	0.50000	0.52
77 1,2,3-Trichloropropane	75	16.801	16.807	(1.112)	45574	0.50000	0.52
78 n-Decane	57	16.855	16.860	(1.115)	42649	0.50000	0.48(a)
79 4-Ethyltoluene	105	16.914	16.914	(1.119)	112272	0.50000	0.51
80 2-Chlorotoluene	91	16.946	16.951	(1.121)	108907	0.50000	0.52
81 1,3,5-Trimethylbenzene	105	16.978	16.983	(1.124)	97807	0.50000	0.52
82 Alpha Methyl Styrene	118	17.251	17.251	(1.142)	39760	0.50000	0.49
83 tert-butylbenzene	119	17.352	17.352	(1.148)	93310	0.50000	0.52
84 1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	93418	0.50000	0.51
85 sec-Butylbenzene	105	17.604	17.609	(1.165)	131840	0.50000	0.52
86 4-Isopropyltoluene	119	17.759	17.764	(1.175)	112376	0.50000	0.52
87 1,3-Dichlorobenzene	146	17.829	17.828	(1.180)	72529	0.50000	0.51
88 1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	72730	0.50000	0.52
89 Benzyl chloride	91	18.101	18.101	(1.198)	81205	0.50000	0.50
91 n-Butylbenzene	91	18.262	18.267	(1.209)	90085	0.50000	0.51
92 1,2-Dichlorobenzene	146	18.417	18.422	(1.219)	69883	0.50000	0.52
94 1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	40845	0.50000	0.44(a)
95 1,3-Hexachlorobutadiene	225	20.915	20.921	(1.384)	52839	0.50000	0.51
96 Naphthalene	128	21.236	21.236	(1.405)	65568	0.50000	0.41(a)
97 1,2,3-Trichlorobenzene	180	21.691	21.702	(1.435)	35217	0.50000	0.48

QC Flag Legend

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

Data File:	gfb004.d	Date:	01-OCT-2010 02:27
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055033		
Lab Sample ID:	ic 055033		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb005.d
Lab Smp Id: ic 055017
Inj Date : 01-OCT-2010 03:15
Operator : njr Inst ID: G.i
Smp Info : ic 055017
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 03:15 Cal File: gfb005.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	120617	5.00000	4.9(a)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	694064	5.00000	5.1
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	306418	5.00000	5.1
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	494398	5.00000	4.7
5 Chloromethane	50	3.513	3.513	(0.366)	123298	5.00000	4.9
6 Butane	43	3.689	3.689	(0.385)	198823	5.00000	4.9
7 Vinyl chloride	62	3.727	3.727	(0.389)	154830	5.00000	5.1
8 1,3-Butadiene	54	3.796	3.796	(0.396)	103739	5.00000	5.1
9 Bromomethane	94	4.476	4.476	(0.467)	207928	5.00000	5.0
10 Chloroethane	64	4.701	4.700	(0.490)	84083	5.00000	5.2
11 2-Methylbutane	43	4.770	4.775	(0.497)	179400	5.00000	4.7
12 Vinyl bromide	106	5.096	5.096	(0.531)	222507	5.00000	5.2
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	728488	5.00000	5.0
14 Pentane	43	5.316	5.316	(0.554)	276785	5.00000	4.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	122731	10.0000	10
	16 Ethyl ether	59	5.787	5.781	(0.603)	113256	5.00000	5.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.644)	438666	5.00000	5.0
	18 Acrolein	56	6.156	6.150	(0.642)	56636	5.00000	5.1
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	191961	5.00000	4.9
	20 Acetone	43	6.423	6.423	(0.670)	282026	5.00000	5.2
	21 Carbon disulfide	76	6.659	6.658	(0.694)	580200	5.00000	5.0
	22 Isopropanol	45	6.621	6.621	(0.690)	190650	5.00000	5.1
	23 Allyl chloride	41	6.942	6.942	(0.724)	201443	5.00000	5.0
	24 Acetonitrile	41	7.038	7.033	(0.734)	101983	5.00000	5.1
	25 Methylene chloride	49	7.194	7.199	(0.750)	203734	5.00000	4.6
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	311929	5.00000	5.1
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	561113	5.00000	5.1
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	304565	5.00000	5.0
	29 Acrylonitrile	53	7.696	7.696	(0.803)	108784	5.00000	5.0
	30 n-Hexane	57	7.910	7.910	(0.825)	250722	5.00000	4.9
	31 1,1-Dichloroethane	63	8.328	8.333	(0.868)	360719	5.00000	5.1
	32 Vinyl acetate	43	8.349	8.354	(0.871)	397931	5.00000	5.1
M	33 1,2-Dichloroethene,Total	61				511557	10.0000	9.8
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	206992	5.00000	4.8
	35 Ethyl acetate	88	9.242	9.248	(0.964)	13463	5.00000	5.2
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.963)	78345	5.00000	4.9
*	37 Bromochloromethane	128	9.590	9.595	(1.000)	482270	10.0000	
	38 Tetrahydrofuran	42	9.601	9.601	(0.873)	157662	5.00000	5.1
	39 Chloroform	83	9.665	9.665	(1.008)	491980	5.00000	5.0
	40 Cyclohexane	84	9.916	9.916	(0.902)	250417	5.00000	5.0
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.902)	564438	5.00000	4.9
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	645955	5.00000	5.0
	43 2,2,4-Trimethylpentane	57	10.398	10.398	(0.946)	801030	5.00000	4.9
	44 Benzene	78	10.446	10.451	(0.950)	581561	5.00000	4.7
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	349624	5.00000	4.9
	46 n-Heptane	43	10.649	10.655	(0.968)	288895	5.00000	4.8
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2325013	10.0000	
	48 n-Butanol	56	11.190	11.184	(1.018)	75049	5.00000	5.0
	49 Trichloroethene	95	11.350	11.355	(1.032)	311584	5.00000	4.9
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	199594	5.00000	5.1
	51 Methyl methacrylate	69	11.789	11.789	(1.072)	175064	5.00000	5.2
	52 Dibromomethane	174	11.917	11.922	(1.084)	325205	5.00000	4.9
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	90882	5.00000	5.2
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	551282	5.00000	5.2
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	358996	5.00000	5.1
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	366918	5.00000	5.3
	57 n-Octane	43	13.137	13.137	(1.195)	400718	5.00000	4.9
	58 Toluene	92	13.153	13.153	(0.870)	435282	5.00000	4.9
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	390890	5.00000	5.0
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	223201	5.00000	5.0
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	483401	5.00000	4.9

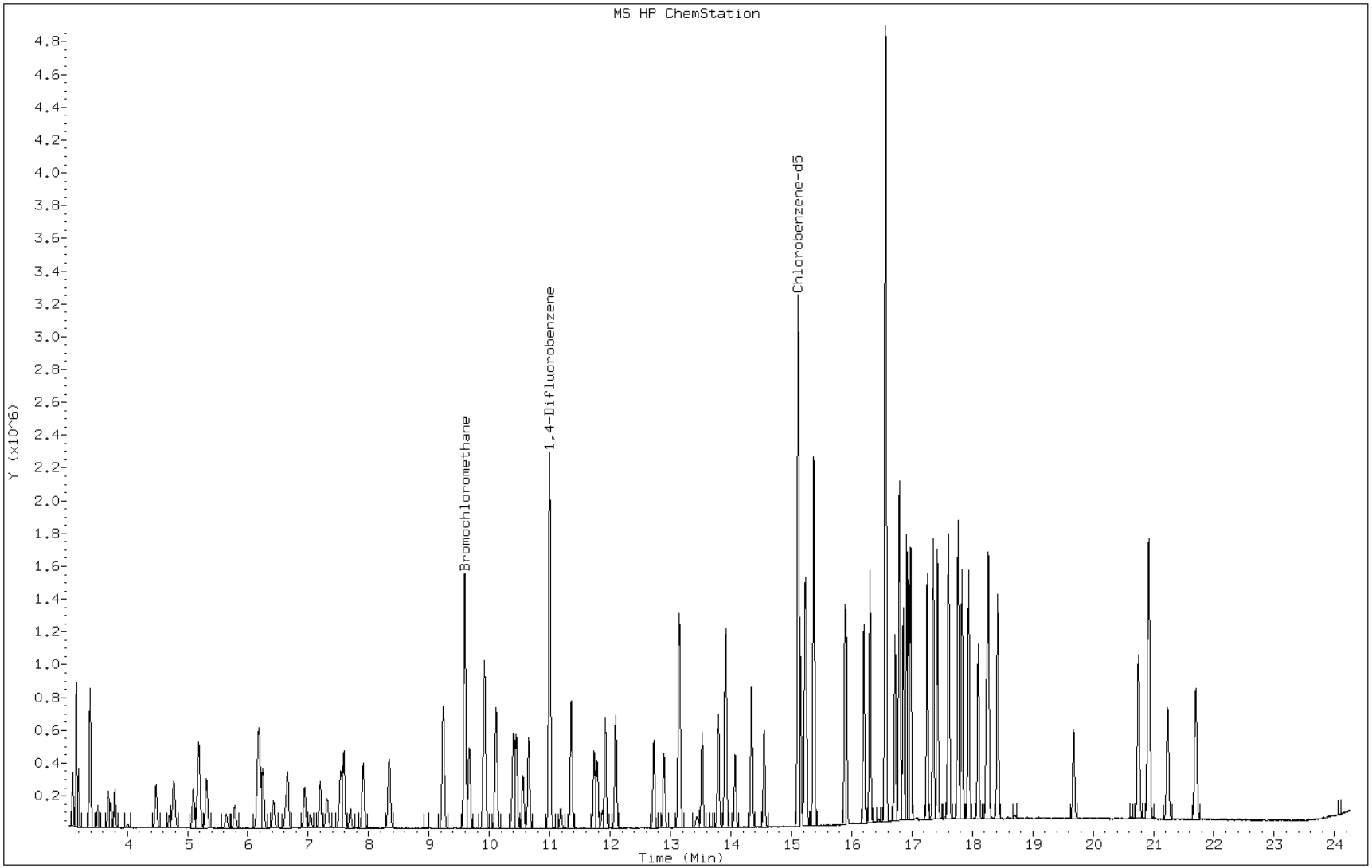
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.068	14.068	(0.931)	355929	5.00000	5.3
63	Dibromochloromethane	129	14.346	14.346	(0.949)	580900	5.00000	5.2
64	1,2-Dibromoethane	107	14.549	14.549	(0.962)	467275	5.00000	5.1
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2219023	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	631348	5.00000	4.9
67	n-Nonane	57	15.250	15.250	(1.009)	392578	5.00000	5.1
68	Ethylbenzene	91	15.229	15.229	(1.007)	987746	5.00000	4.9
69	Xylene (m,p)	106	15.379	15.378	(1.017)	761868	10.0000	10
M 70	Xylenes, Total	106				1145568	5.00000	15
71	Xylene (o)	106	15.892	15.892	(1.051)	383700	5.00000	5.1
72	Styrene	104	15.914	15.919	(1.053)	570235	5.00000	5.4
73	Bromoform	173	16.202	16.202	(1.072)	651426	5.00000	5.6
74	Isopropylbenzene	105	16.304	16.309	(1.079)	1163934	5.00000	5.2
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	582766	5.00000	5.3
76	n-Propylbenzene	91	16.786	16.791	(1.110)	1344234	5.00000	5.3
77	1,2,3-Trichloropropane	75	16.802	16.807	(1.111)	455264	5.00000	5.1
78	n-Decane	57	16.855	16.860	(1.115)	484161	5.00000	5.3
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	1185422	5.00000	5.3
80	2-Chlorotoluene	91	16.946	16.951	(1.121)	1117803	5.00000	5.2
81	1,3,5-Trimethylbenzene	105	16.978	16.983	(1.123)	1027389	5.00000	5.4
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	488625	5.00000	5.7
83	tert-butylbenzene	119	17.353	17.352	(1.148)	973012	5.00000	5.3
84	1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	1025600	5.00000	5.4
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	1422473	5.00000	5.4
86	4-Isopropyltoluene	119	17.765	17.764	(1.175)	1240899	5.00000	5.5
87	1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	761321	5.00000	5.3
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	750293	5.00000	5.3
89	Benzyl chloride	91	18.102	18.101	(1.197)	903421	5.00000	5.4
90	Undecane	57	18.230	18.235	(1.206)	314987	5.00000	5.2
91	n-Butylbenzene	91	18.267	18.267	(1.208)	1072424	5.00000	5.7
92	1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	733888	5.00000	5.3
93	Dodecane	57	19.680	19.680	(1.302)	250926	5.00000	5.3
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	536935	5.00000	5.5
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	620581	5.00000	5.7
96	Naphthalene	128	21.236	21.236	(1.405)	927230	5.00000	5.5
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	469627	5.00000	5.9

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: gfb005.d
Client ID:
Operator: njr
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 055017
Lab Sample ID: ic 055017

Date: 01-OCT-2010 03:15
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb006.d
Lab Smp Id: icis 055007
Inj Date : 01-OCT-2010 04:03
Operator : njr Inst ID: G.i
Smp Info : icis 055007
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:46 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 04:03 Cal File: gfb006.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

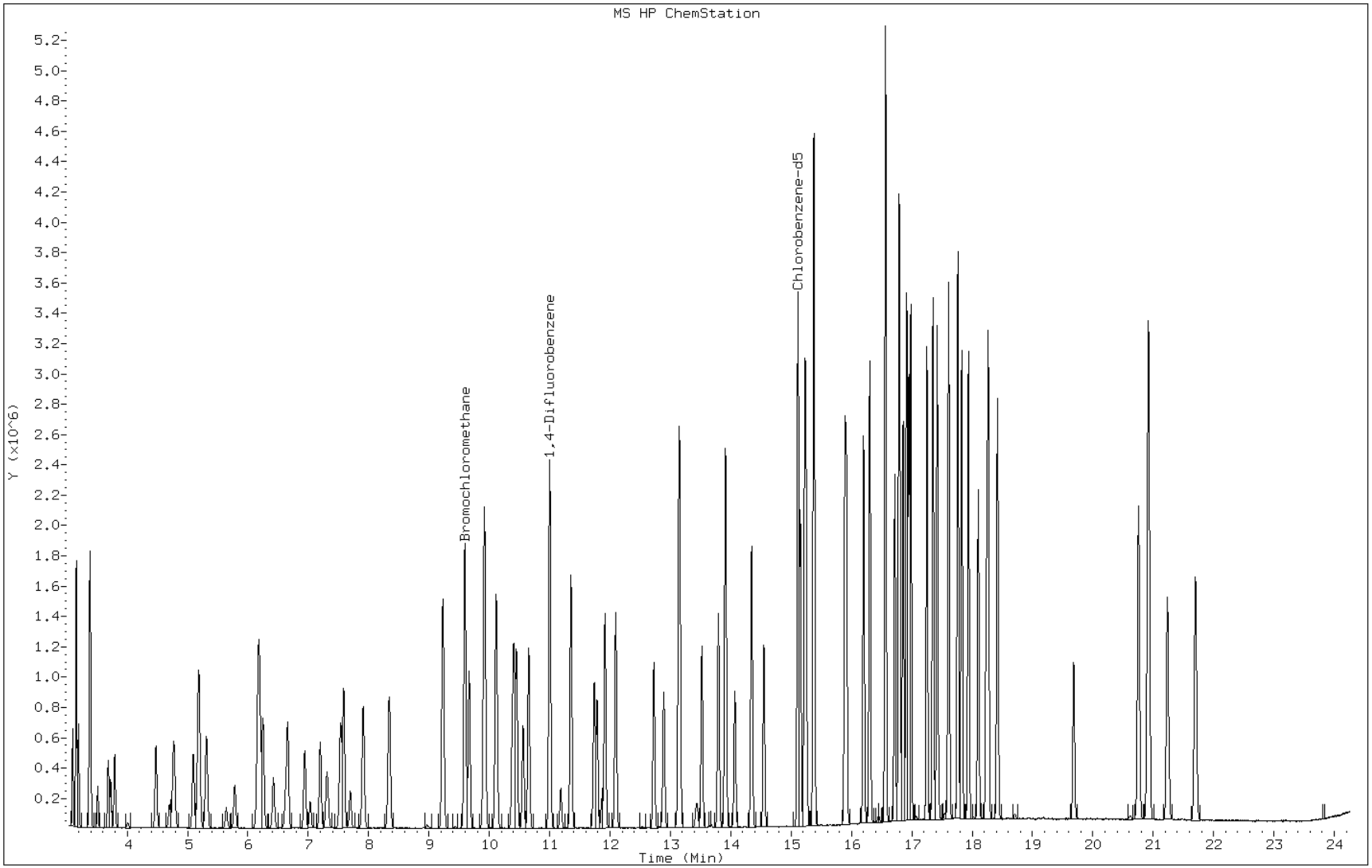
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	3.101	3.101	(0.323)	245407	10.0000	10
2	Dichlorodifluoromethane	85	3.160	3.160	(0.329)	1413330	10.0000	10
3	Chlorodifluoromethane	51	3.192	3.192	(0.333)	618679	10.0000	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.384	3.384	(0.353)	1055890	10.0000	10
5	Chloromethane	50	3.513	3.513	(0.366)	246101	10.0000	10
6	Butane	43	3.689	3.689	(0.384)	399930	10.0000	10
7	Vinyl chloride	62	3.727	3.727	(0.388)	320594	10.0000	10
8	1,3-Butadiene	54	3.796	3.796	(0.396)	212578	10.0000	10
9	Bromomethane	94	4.476	4.476	(0.466)	423819	10.0000	10
10	Chloroethane	64	4.700	4.700	(0.490)	169288	10.0000	10
11	2-Methylbutane	43	4.775	4.775	(0.498)	364082	10.0000	10
12	Vinyl bromide	106	5.096	5.096	(0.531)	459874	10.0000	10
13	Trichlorofluoromethane	101	5.187	5.187	(0.541)	1469931	10.0000	10
14	Pentane	43	5.316	5.316	(0.554)	563438	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	188568	15.0000	15
	16 Ethyl ether	59	5.781	5.781	(0.602)	230535	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	896159	10.0000	10
	18 Acrolein	56	6.150	6.150	(0.641)	118383	10.0000	10
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	387566	10.0000	10
	20 Acetone	43	6.423	6.423	(0.669)	563522	10.0000	10
	21 Carbon disulfide	76	6.658	6.658	(0.694)	1183952	10.0000	10
	22 Isopropanol	45	6.621	6.621	(0.690)	394070	10.0000	10
	23 Allyl chloride	41	6.942	6.942	(0.723)	409432	10.0000	10
	24 Acetonitrile	41	7.033	7.033	(0.733)	211754	10.0000	10
	25 Methylene chloride	49	7.199	7.199	(0.750)	405471	10.0000	10
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	642966	10.0000	10
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	1135583	10.0000	10
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	626311	10.0000	10
	29 Acrylonitrile	53	7.696	7.696	(0.802)	224700	10.0000	10
	30 n-Hexane	57	7.910	7.910	(0.824)	523762	10.0000	10
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	744221	10.0000	10
	32 Vinyl acetate	43	8.354	8.354	(0.871)	832083	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1064870	20.0000	20
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	438559	10.0000	10
	35 Ethyl acetate	88	9.248	9.248	(0.964)	27041	10.0000	10
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.962)	160503	10.0000	10
*	37 Bromochloromethane	128	9.595	9.595	(1.000)	516317	10.0000	
	38 Tetrahydrofuran	42	9.601	9.601	(0.873)	323699	10.0000	10
	39 Chloroform	83	9.665	9.665	(1.007)	1036918	10.0000	10
	40 Cyclohexane	84	9.916	9.916	(0.901)	517374	10.0000	10
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.901)	1183647	10.0000	10
	42 Carbon tetrachloride	117	10.114	10.114	(0.919)	1361057	10.0000	10
	43 2,2,4-Trimethylpentane	57	10.398	10.398	(0.945)	1698055	10.0000	10
	44 Benzene	78	10.451	10.451	(0.950)	1215705	10.0000	10
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	726342	10.0000	10
	46 n-Heptane	43	10.655	10.655	(0.968)	608400	10.0000	10
*	47 1,4-Difluorobenzene	114	11.002	11.002	(1.000)	2517085	10.0000	
	48 n-Butanol	56	11.184	11.184	(1.017)	165551	10.0000	10
	49 Trichloroethene	95	11.355	11.355	(1.032)	674438	10.0000	10
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	407284	10.0000	10
	51 Methyl methacrylate	69	11.789	11.789	(1.071)	368280	10.0000	10
	52 Dibromomethane	174	11.922	11.922	(1.084)	694369	10.0000	10
	53 1,4-Dioxane	88	11.864	11.864	(1.078)	184383	10.0000	10
	54 Bromodichloromethane	83	12.094	12.094	(1.099)	1148127	10.0000	10
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	738423	10.0000	10
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	757556	10.0000	10
	57 n-Octane	43	13.137	13.137	(1.194)	813915	10.0000	10
	58 Toluene	92	13.153	13.153	(0.870)	894180	10.0000	10
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.229)	805267	10.0000	10
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	463395	10.0000	10
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	1001695	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.068	14.068	(0.931)	734399	10.0000	10
63	Dibromochloromethane	129	14.346	14.346	(0.949)	1245571	10.0000	10
64	1,2-Dibromoethane	107	14.549	14.549	(0.962)	966485	10.0000	10
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2397842	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	1318740	10.0000	10
67	n-Nonane	57	15.250	15.250	(1.009)	801375	10.0000	10
68	Ethylbenzene	91	15.229	15.229	(1.007)	2040817	10.0000	10
69	Xylene (m,p)	106	15.378	15.378	(1.017)	1566581	20.0000	20
M 70	Xylenes, Total	106				2351689	10.0000	30
71	Xylene (o)	106	15.892	15.892	(1.051)	785108	10.0000	10
72	Styrene	104	15.919	15.919	(1.053)	1216401	10.0000	10
73	Bromoform	173	16.202	16.202	(1.072)	1358393	10.0000	10
74	Isopropylbenzene	105	16.309	16.309	(1.079)	2387612	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	1176279	10.0000	10
76	n-Propylbenzene	91	16.791	16.791	(1.111)	2742134	10.0000	10
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	909436	10.0000	10
78	n-Decane	57	16.860	16.860	(1.115)	985711	10.0000	10
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	2431229	10.0000	10
80	2-Chlorotoluene	91	16.951	16.951	(1.121)	2274497	10.0000	10
81	1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	2073902	10.0000	10
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	1041436	10.0000	10
83	tert-butylbenzene	119	17.352	17.352	(1.148)	1971512	10.0000	10
84	1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	2073254	10.0000	10
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	2890372	10.0000	10
86	4-Isopropyltoluene	119	17.764	17.764	(1.175)	2529849	10.0000	10
87	1,3-Dichlorobenzene	146	17.828	17.828	(1.179)	1543943	10.0000	10
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	1521124	10.0000	10
89	Benzyl chloride	91	18.101	18.101	(1.197)	1846798	10.0000	10
90	Undecane	57	18.235	18.235	(1.206)	621610	10.0000	10
91	n-Butylbenzene	91	18.267	18.267	(1.208)	2173333	10.0000	10
92	1,2-Dichlorobenzene	146	18.422	18.422	(1.219)	1470206	10.0000	10
93	Dodecane	57	19.680	19.680	(1.302)	479538	10.0000	10
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	1113168	10.0000	10
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	1219159	10.0000	10
96	Naphthalene	128	21.236	21.236	(1.405)	2010387	10.0000	10
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	952388	10.0000	10

Data File: gfb006.d
Client ID:
Operator: njr
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 055007
Lab Sample ID: icis 055007

Date: 01-OCT-2010 04:03
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb007.d
Lab Smp Id: ic 055003
Inj Date : 01-OCT-2010 04:52
Operator : njr Inst ID: G.i
Smp Info : ic 055003
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 04:52 Cal File: gfb007.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

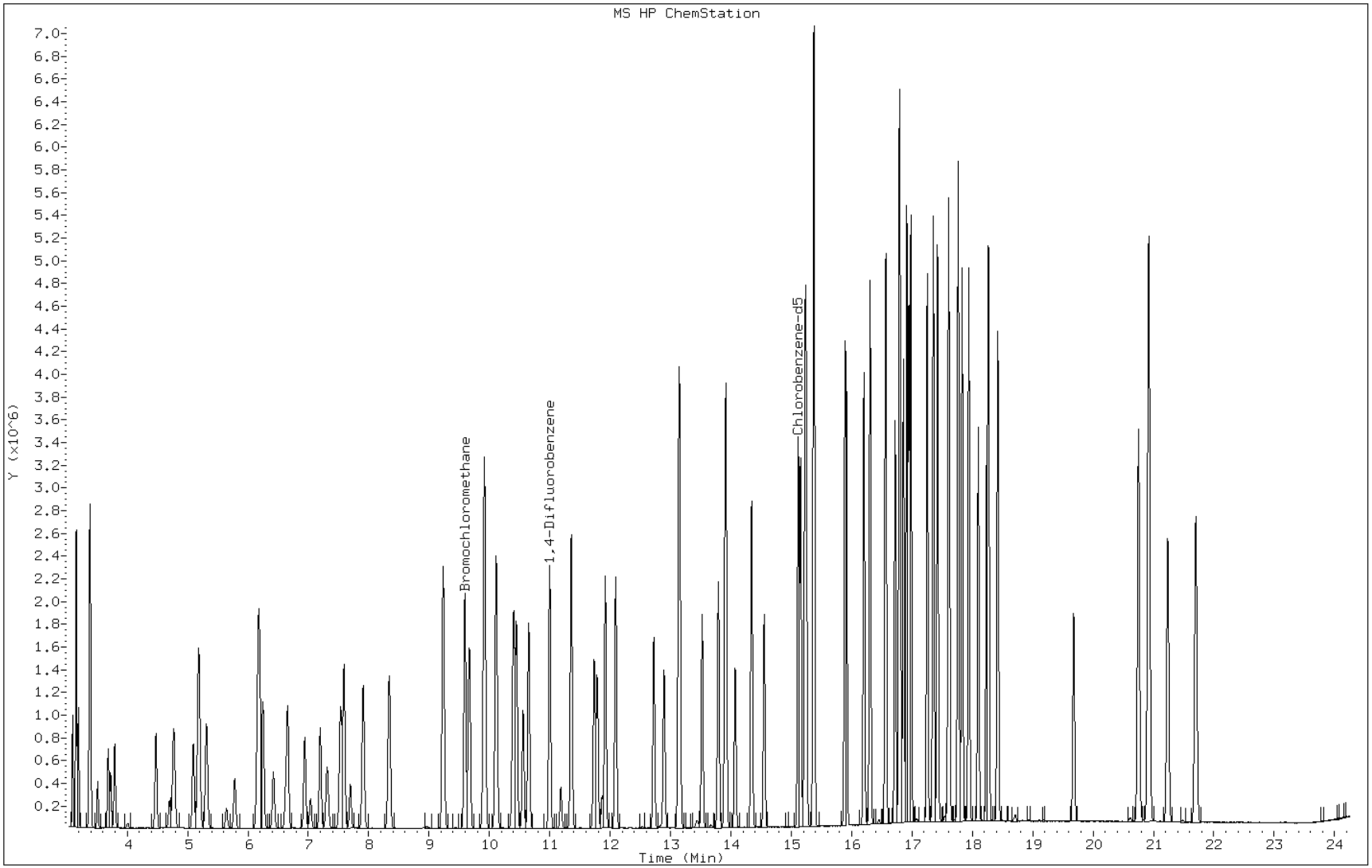
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.096	3.101	(0.323)	373046	15.0000	14
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	2154062	15.0000	15
3 Chlorodifluoromethane	51	3.192	3.192	(0.333)	949293	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.379	3.384	(0.352)	1682460	15.0000	15
5 Chloromethane	50	3.513	3.513	(0.366)	378119	15.0000	14
6 Butane	43	3.689	3.689	(0.384)	617449	15.0000	15
7 Vinyl chloride	62	3.727	3.727	(0.388)	491914	15.0000	15
8 1,3-Butadiene	54	3.796	3.796	(0.396)	322955	15.0000	15
9 Bromomethane	94	4.476	4.476	(0.466)	653749	15.0000	15
10 Chloroethane	64	4.700	4.700	(0.490)	264556	15.0000	15
11 2-Methylbutane	43	4.775	4.775	(0.498)	555528	15.0000	14
12 Vinyl bromide	106	5.096	5.096	(0.531)	696181	15.0000	15
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	2238052	15.0000	15
14 Pentane	43	5.316	5.316	(0.554)	867644	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	257095	20.0000	20
	16 Ethyl ether	59	5.781	5.781	(0.602)	363593	15.0000	15
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	1394471	15.0000	15
	18 Acrolein	56	6.150	6.150	(0.641)	187804	15.0000	16
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	605001	15.0000	15
	20 Acetone	43	6.423	6.423	(0.669)	835252	15.0000	15
	21 Carbon disulfide	76	6.658	6.658	(0.694)	1824642	15.0000	15
	22 Isopropanol	45	6.626	6.621	(0.691)	573656	15.0000	15
	23 Allyl chloride	41	6.947	6.942	(0.724)	648159	15.0000	15
	24 Acetonitrile	41	7.038	7.033	(0.734)	317198	15.0000	15
	25 Methylene chloride	49	7.199	7.199	(0.750)	629466	15.0000	14
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	949850	15.0000	15
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	1749076	15.0000	15
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	967461	15.0000	15
	29 Acrylonitrile	53	7.696	7.696	(0.802)	344006	15.0000	15
	30 n-Hexane	57	7.910	7.910	(0.824)	819178	15.0000	15
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	1153885	15.0000	15
	32 Vinyl acetate	43	8.349	8.354	(0.870)	1282334	15.0000	15
M	33 1,2-Dichloroethene,Total	61				1654696	30.0000	30
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	687234	15.0000	15
	35 Ethyl acetate	88	9.248	9.248	(0.964)	42429	15.0000	15
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.962)	246517	15.0000	15
*	37 Bromochloromethane	128	9.595	9.595	(1.000)	506911	10.0000	
	38 Tetrahydrofuran	42	9.601	9.601	(0.873)	487124	15.0000	15
	39 Chloroform	83	9.665	9.665	(1.007)	1608012	15.0000	15
	40 Cyclohexane	84	9.916	9.916	(0.902)	808120	15.0000	16
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.902)	1854558	15.0000	16
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	2125536	15.0000	16
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	2649436	15.0000	16
	44 Benzene	78	10.451	10.451	(0.950)	1896062	15.0000	15
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	1116178	15.0000	15
	46 n-Heptane	43	10.655	10.655	(0.969)	943533	15.0000	15
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2407224	10.0000	
	48 n-Butanol	56	11.184	11.184	(1.017)	230566	15.0000	15
	49 Trichloroethene	95	11.355	11.355	(1.033)	1053145	15.0000	16
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	638886	15.0000	16
	51 Methyl methacrylate	69	11.783	11.789	(1.071)	577816	15.0000	16
	52 Dibromomethane	174	11.923	11.922	(1.084)	1085783	15.0000	16
	53 1,4-Dioxane	88	11.864	11.864	(1.079)	267603	15.0000	15
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	1788614	15.0000	16
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	1161979	15.0000	16
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	1164777	15.0000	16
	57 n-Octane	43	13.137	13.137	(1.195)	1264989	15.0000	15
	58 Toluene	92	13.153	13.153	(0.870)	1391249	15.0000	15
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	1276350	15.0000	16
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	717989	15.0000	15
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	1561054	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.068	14.068	(0.931)	1142380	15.0000	16
63	Dibromochloromethane	129	14.346	14.346	(0.949)	1947445	15.0000	16
64	1,2-Dibromoethane	107	14.549	14.549	(0.962)	1512090	15.0000	16
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2336643	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	2062266	15.0000	15
67	n-Nonane	57	15.250	15.250	(1.009)	1234796	15.0000	15
68	Ethylbenzene	91	15.229	15.229	(1.007)	3195886	15.0000	15
69	Xylene (m,p)	106	15.378	15.378	(1.017)	2450256	30.0000	31
M 70	Xylenes, Total	106				3677694	15.0000	46
71	Xylene (o)	106	15.892	15.892	(1.051)	1227437	15.0000	15
72	Styrene	104	15.919	15.919	(1.053)	1923343	15.0000	17
73	Bromoform	173	16.202	16.202	(1.072)	2142677	15.0000	17
74	Isopropylbenzene	105	16.304	16.309	(1.079)	3747851	15.0000	16
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	1824043	15.0000	15
76	n-Propylbenzene	91	16.785	16.791	(1.110)	4295651	15.0000	16
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	1411891	15.0000	15
78	n-Decane	57	16.860	16.860	(1.115)	1537728	15.0000	16
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	3811475	15.0000	16
80	2-Chlorotoluene	91	16.946	16.951	(1.121)	3555343	15.0000	16
81	1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	3282255	15.0000	16
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	1638310	15.0000	17
83	tert-butylbenzene	119	17.353	17.352	(1.148)	3092265	15.0000	16
84	1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	3274749	15.0000	16
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	4510861	15.0000	16
86	4-Isopropyltoluene	119	17.764	17.764	(1.175)	3995236	15.0000	16
87	1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	2444187	15.0000	16
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	2432668	15.0000	16
89	Benzyl chloride	91	18.101	18.101	(1.197)	2923554	15.0000	16
90	Undecane	57	18.235	18.235	(1.206)	1217396	15.0000	18
91	n-Butylbenzene	91	18.267	18.267	(1.208)	3435856	15.0000	17
92	1,2-Dichlorobenzene	146	18.422	18.422	(1.219)	2326844	15.0000	16
93	Dodecane	57	19.680	19.680	(1.302)	858267	15.0000	16
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	1867870	15.0000	17
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	1908264	15.0000	16
96	Naphthalene	128	21.236	21.236	(1.405)	3420405	15.0000	18
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	1615324	15.0000	18

Data File:	gfb007.d	Date:	01-OCT-2010 04:52
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055003		
Lab Sample ID:	ic 055003		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb008.d
Lab Smp Id: ic 055000
Inj Date : 01-OCT-2010 05:40
Operator : njr Inst ID: G.i
Smp Info : ic 055000
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 05:40 Cal File: gfb008.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

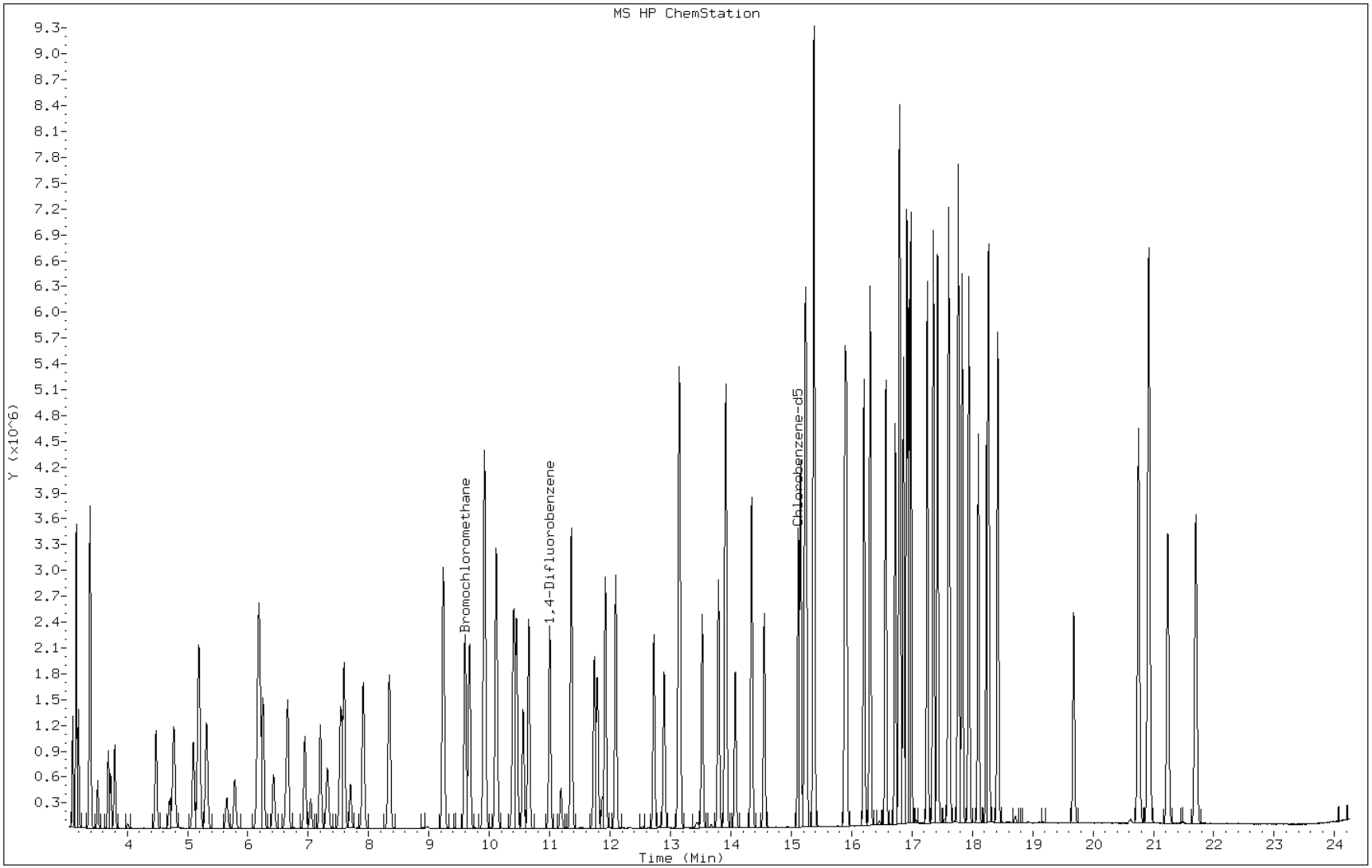
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	497111	20.0000	19
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	2862616	20.0000	20
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	1251820	20.0000	20
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	2187198	20.0000	20
5 Chloromethane	50	3.513	3.513	(0.366)	504197	20.0000	19
6 Butane	43	3.689	3.689	(0.384)	803097	20.0000	19
7 Vinyl chloride	62	3.727	3.727	(0.388)	637214	20.0000	20
8 1,3-Butadiene	54	3.796	3.796	(0.396)	424129	20.0000	19
9 Bromomethane	94	4.476	4.476	(0.466)	900420	20.0000	20
10 Chloroethane	64	4.706	4.700	(0.490)	362191	20.0000	21
11 2-Methylbutane	43	4.775	4.775	(0.498)	743839	20.0000	19
12 Vinyl bromide	106	5.096	5.096	(0.531)	938008	20.0000	20
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	3014876	20.0000	20
14 Pentane	43	5.316	5.316	(0.554)	1147495	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.653	5.642	(0.589)	521288	40.0000	40
	16 Ethyl ether	59	5.787	5.781	(0.603)	476743	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	1893780	20.0000	20
	18 Acrolein	56	6.150	6.150	(0.641)	241284	20.0000	20
	19 1,1-Dichloroethene	96	6.247	6.252	(0.651)	809675	20.0000	20
	20 Acetone	43	6.428	6.423	(0.670)	1076311	20.0000	19
	21 Carbon disulfide	76	6.659	6.658	(0.694)	2473231	20.0000	20
	22 Isopropanol	45	6.632	6.621	(0.691)	750718	20.0000	19
	23 Allyl chloride	41	6.942	6.942	(0.723)	870443	20.0000	20
	24 Acetonitrile	41	7.038	7.033	(0.734)	416060	20.0000	20
	25 Methylene chloride	49	7.199	7.199	(0.750)	849339	20.0000	19
	26 Tert-butyl alcohol	59	7.317	7.311	(0.762)	1242301	20.0000	19
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	2314289	20.0000	20
	28 1,2-Dichloroethene (trans)	61	7.595	7.589	(0.791)	1307913	20.0000	20
	29 Acrylonitrile	53	7.702	7.696	(0.803)	455224	20.0000	20
	30 n-Hexane	57	7.910	7.910	(0.824)	1116343	20.0000	20
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	1563036	20.0000	20
	32 Vinyl acetate	43	8.354	8.354	(0.871)	1687125	20.0000	20
M	33 1,2-Dichloroethene,Total	61				2247884	40.0000	40
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	939970	20.0000	20
	35 Ethyl acetate	88	9.248	9.248	(0.964)	55390	20.0000	20
	36 Methyl Ethyl Ketone	72	9.237	9.232	(0.963)	326320	20.0000	19
*	37 Bromochloromethane	128	9.596	9.595	(1.000)	515852	10.0000	
	38 Tetrahydrofuran	42	9.606	9.601	(0.874)	649152	20.0000	20
	39 Chloroform	83	9.670	9.665	(1.008)	2171371	20.0000	20
	40 Cyclohexane	84	9.916	9.916	(0.902)	1093073	20.0000	21
	41 1,1,1-Trichloroethane	97	9.922	9.916	(0.902)	2505426	20.0000	21
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	2900754	20.0000	21
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	3559821	20.0000	21
	44 Benzene	78	10.451	10.451	(0.950)	2567948	20.0000	20
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	1496829	20.0000	20
	46 n-Heptane	43	10.655	10.655	(0.969)	1260358	20.0000	20
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2444665	10.0000	
	48 n-Butanol	56	11.190	11.184	(1.018)	300075	20.0000	19
	49 Trichloroethene	95	11.356	11.355	(1.033)	1422598	20.0000	21
	50 1,2-Dichloropropane	63	11.741	11.735	(1.068)	846015	20.0000	20
	51 Methyl methacrylate	69	11.789	11.789	(1.072)	767415	20.0000	21
	52 Dibromomethane	174	11.923	11.922	(1.084)	1464921	20.0000	21
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	342889	20.0000	19
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	2391251	20.0000	21
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	1558576	20.0000	21
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	1516558	20.0000	20
	57 n-Octane	43	13.137	13.137	(1.195)	1662465	20.0000	19
	58 Toluene	92	13.153	13.153	(0.870)	1851115	20.0000	20
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	1700727	20.0000	21
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	958876	20.0000	20
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	2089468	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.073	14.068	(0.931)	1479612	20.0000	20
63	Dibromochloromethane	129	14.346	14.346	(0.949)	2623930	20.0000	21
64	1,2-Dibromoethane	107	14.555	14.549	(0.963)	2031157	20.0000	20
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2372719	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	2773344	20.0000	20
67	n-Nonane	57	15.250	15.250	(1.009)	1636636	20.0000	20
68	Ethylbenzene	91	15.229	15.229	(1.007)	4245691	20.0000	20
69	Xylene (m,p)	106	15.379	15.378	(1.017)	3249512	40.0000	40
M 70	Xylenes, Total	106				4868577	20.0000	60
71	Xylene (o)	106	15.892	15.892	(1.051)	1619065	20.0000	20
72	Styrene	104	15.919	15.919	(1.053)	2575899	20.0000	22
73	Bromoform	173	16.202	16.202	(1.072)	2875262	20.0000	22
74	Isopropylbenzene	105	16.309	16.309	(1.079)	4963287	20.0000	20
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	2395093	20.0000	20
76	n-Propylbenzene	91	16.791	16.791	(1.111)	5700366	20.0000	21
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	1850985	20.0000	20
78	n-Decane	57	16.860	16.860	(1.115)	2048318	20.0000	21
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	5074883	20.0000	21
80	2-Chlorotoluene	91	16.951	16.951	(1.121)	4696931	20.0000	20
81	1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	4357916	20.0000	21
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	2188695	20.0000	22
83	tert-butylbenzene	119	17.353	17.352	(1.148)	4094984	20.0000	20
84	1,2,4-Trimethylbenzene	105	17.427	17.422	(1.153)	4326742	20.0000	21
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	5989932	20.0000	21
86	4-Isopropyltoluene	119	17.765	17.764	(1.175)	5279163	20.0000	21
87	1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	3249977	20.0000	21
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	3222274	20.0000	21
89	Benzyl chloride	91	18.102	18.101	(1.197)	3897711	20.0000	21
90	Undecane	57	18.235	18.235	(1.206)	1748763	20.0000	23
91	n-Butylbenzene	91	18.267	18.267	(1.208)	4500690	20.0000	21
92	1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	3061607	20.0000	20
93	Dodecane	57	19.680	19.680	(1.302)	1135830	20.0000	21
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	2495101	20.0000	22
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	2490430	20.0000	21
96	Naphthalene	128	21.242	21.236	(1.405)	4663794	20.0000	23
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	2140062	20.0000	23

Data File:	gfb008.d	Date:	01-OCT-2010 05:40
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055000		
Lab Sample ID:	ic 055000		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb009.d
Lab Smp Id: ic 054999
Inj Date : 01-OCT-2010 09:30
Operator : njr Inst ID: G.i
Smp Info : ic 054999
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	1005928	40.0000	39
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	5644022	40.0000	39
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	2493584	40.0000	39
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	4086852	40.0000	37
5 Chloromethane	50	3.513	3.513	(0.366)	1006569	40.0000	38
6 Butane	43	3.689	3.689	(0.384)	1567128	40.0000	37
7 Vinyl chloride	62	3.732	3.727	(0.389)	1252819	40.0000	38
8 1,3-Butadiene	54	3.802	3.796	(0.396)	831949	40.0000	38
9 Bromomethane	94	4.476	4.476	(0.466)	1653881	40.0000	37
10 Chloroethane	64	4.706	4.700	(0.490)	680167	40.0000	39
11 2-Methylbutane	43	4.776	4.775	(0.497)	1401415	40.0000	36
12 Vinyl bromide	106	5.096	5.096	(0.531)	1780834	40.0000	38
13 Trichlorofluoromethane	101	5.187	5.187	(0.540)	5651574	40.0000	37
14 Pentane	43	5.321	5.316	(0.554)	2153193	40.0000	37

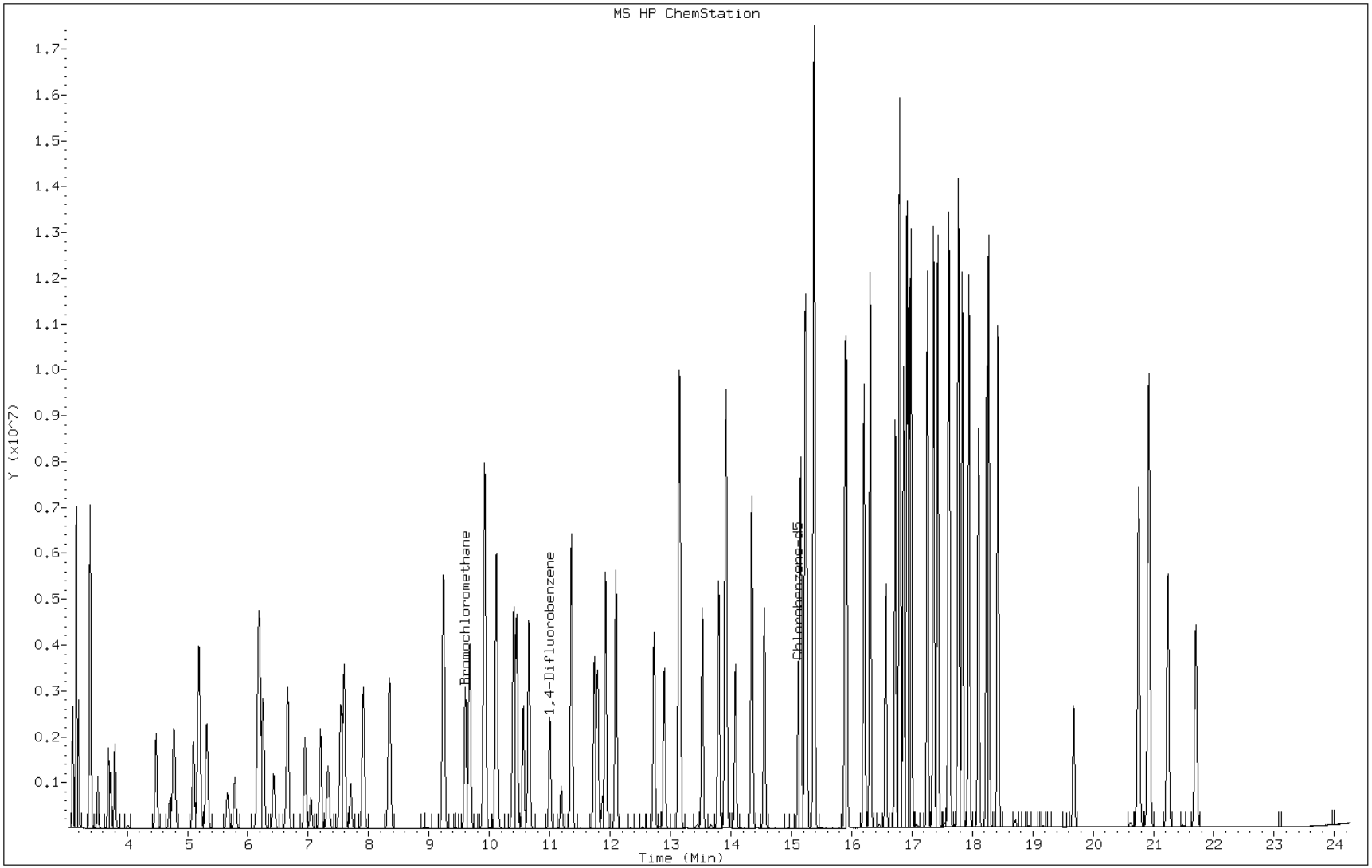
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.664	5.642	(0.590)	1224666	100.000	95
	16 Ethyl ether	59	5.787	5.781	(0.603)	913785	40.0000	38
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.188	6.182	(0.644)	3464426	40.0000	37
	18 Acrolein	56	6.156	6.150	(0.641)	471161	40.0000	39
	19 1,1-Dichloroethene	96	6.252	6.252	(0.651)	1525536	40.0000	37
	20 Acetone	43	6.429	6.423	(0.670)	2085605	40.0000	37
	21 Carbon disulfide	76	6.664	6.658	(0.694)	4754110	40.0000	39
	22 Isopropanol	45	6.643	6.621	(0.692)	1412556	40.0000	37
	23 Allyl chloride	41	6.947	6.942	(0.724)	1641982	40.0000	38
	24 Acetonitrile	41	7.044	7.033	(0.734)	812729	40.0000	38
	25 Methylene chloride	49	7.199	7.199	(0.750)	1574349	40.0000	35
	26 Tert-butyl alcohol	59	7.327	7.311	(0.763)	2393806	40.0000	38
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.785)	4486240	40.0000	38
	28 1,2-Dichloroethene (trans)	61	7.595	7.589	(0.791)	2419863	40.0000	37
	29 Acrylonitrile	53	7.702	7.696	(0.802)	900465	40.0000	39
	30 n-Hexane	57	7.916	7.910	(0.824)	2060812	40.0000	38
	31 1,1-Dichloroethane	63	8.338	8.333	(0.868)	2918739	40.0000	38
	32 Vinyl acetate	43	8.360	8.354	(0.871)	3294709	40.0000	39
M	33 1,2-Dichloroethene,Total	61				4159786	80.0000	75
	34 1,2-Dichloroethene (cis)	96	9.232	9.226	(0.962)	1739922	40.0000	38
	35 Ethyl acetate	88	9.253	9.248	(0.964)	107970	40.0000	39
	36 Methyl Ethyl Ketone	72	9.242	9.232	(0.963)	617019	40.0000	37
*	37 Bromochloromethane	128	9.601	9.595	(1.000)	518575	10.0000	
	38 Tetrahydrofuran	42	9.606	9.601	(0.873)	1254949	40.0000	38
	39 Chloroform	83	9.670	9.665	(1.007)	4093850	40.0000	38
	40 Cyclohexane	84	9.922	9.916	(0.902)	1996428	40.0000	37
	41 1,1,1-Trichloroethane	97	9.922	9.916	(0.902)	4650814	40.0000	38
	42 Carbon tetrachloride	117	10.120	10.114	(0.920)	5387784	40.0000	39
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	6806707	40.0000	39
	44 Benzene	78	10.452	10.451	(0.950)	4927186	40.0000	38
	45 1,2-Dichloroethane	62	10.564	10.558	(0.960)	2904127	40.0000	38
	46 n-Heptane	43	10.655	10.655	(0.968)	2382841	40.0000	37
*	47 1,4-Difluorobenzene	114	11.003	11.002	(1.000)	2487786	10.0000	
	48 n-Butanol	56	11.195	11.184	(1.018)	600759	40.0000	38
	49 Trichloroethene	95	11.356	11.355	(1.032)	2672514	40.0000	39
	50 1,2-Dichloropropane	63	11.741	11.735	(1.067)	1630685	40.0000	38
	51 Methyl methacrylate	69	11.789	11.789	(1.071)	1506662	40.0000	40(A)
	52 Dibromomethane	174	11.923	11.922	(1.084)	2773313	40.0000	39
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	651487	40.0000	36
	54 Bromodichloromethane	83	12.094	12.094	(1.099)	4620921	40.0000	40
	55 1,3-Dichloropropene (cis)	75	12.730	12.725	(1.157)	3023120	40.0000	39
	56 Methyl isobutyl ketone	43	12.896	12.891	(1.172)	2982519	40.0000	39
	57 n-Octane	43	13.137	13.137	(1.194)	3108561	40.0000	36
	58 Toluene	92	13.158	13.153	(0.870)	3529811	40.0000	37
	59 1,3-Dichloropropene (trans)	75	13.528	13.522	(1.229)	3319564	40.0000	39
	60 1,1,2-Trichloroethane	83	13.800	13.795	(0.913)	1835512	40.0000	38
	61 Tetrachloroethene	166	13.918	13.913	(0.921)	3963514	40.0000	37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.073	14.068	(0.931)	2949258	40.0000	39
63	Dibromochloromethane	129	14.346	14.346	(0.949)	5090117	40.0000	40(A)
64	1,2-Dibromoethane	107	14.555	14.549	(0.963)	3924255	40.0000	39
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2434528	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	5373729	40.0000	38
67	n-Nonane	57	15.250	15.250	(1.009)	3105595	40.0000	37
68	Ethylbenzene	91	15.229	15.229	(1.007)	8163504	40.0000	38
69	Xylene (m,p)	106	15.379	15.378	(1.017)	6275143	80.0000	76
M 70	Xylenes, Total	106				9367717	40.0000	110
71	Xylene (o)	106	15.892	15.892	(1.051)	3092573	40.0000	37
72	Styrene	104	15.919	15.919	(1.053)	5022047	40.0000	41(A)
73	Bromoform	173	16.208	16.202	(1.072)	5564344	40.0000	41(A)
74	Isopropylbenzene	105	16.309	16.309	(1.079)	9665638	40.0000	39
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	4610968	40.0000	38
76	n-Propylbenzene	91	16.791	16.791	(1.111)	10810542	40.0000	38
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	3537415	40.0000	37
78	n-Decane	57	16.860	16.860	(1.115)	3932777	40.0000	39
79	4-Ethyltoluene	105	16.919	16.914	(1.119)	9827233	40.0000	39
80	2-Chlorotoluene	91	16.951	16.951	(1.121)	9112446	40.0000	39
81	1,3,5-Trimethylbenzene	105	16.989	16.983	(1.124)	8441270	40.0000	39
82	Alpha Methyl Styrene	118	17.256	17.251	(1.142)	4295368	40.0000	42(A)
83	tert-butylbenzene	119	17.358	17.352	(1.148)	7927116	40.0000	39
84	1,2,4-Trimethylbenzene	105	17.428	17.422	(1.153)	8433694	40.0000	40
85	sec-Butylbenzene	105	17.615	17.609	(1.165)	11496632	40.0000	39
86	4-Isopropyltoluene	119	17.770	17.764	(1.176)	10274436	40.0000	40(A)
87	1,3-Dichlorobenzene	146	17.834	17.828	(1.180)	6279394	40.0000	39
88	1,4-Dichlorobenzene	146	17.946	17.941	(1.187)	6267573	40.0000	39
89	Benzyl chloride	91	18.102	18.101	(1.197)	7673623	40.0000	41(A)
90	Undecane	57	18.235	18.235	(1.206)	3945423	40.0000	49(A)
91	n-Butylbenzene	91	18.267	18.267	(1.208)	8636418	40.0000	40(A)
92	1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	5957159	40.0000	39
93	Dodecane	57	19.680	19.680	(1.302)	1238587	40.0000	25
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	4044894	40.0000	36
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	3680282	40.0000	31
96	Naphthalene	128	21.242	21.236	(1.405)	7702589	40.0000	38
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	2625313	40.0000	29

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File:	gfb009.d	Date:	01-OCT-2010 09:30
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 054999		
Lab Sample ID:	ic 054999		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: ICV 200-7345/12 Calibration Date: 10/01/2010 12:18

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfb012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5002	0.4937		9.87	10.0	-1.3	30.0
Dichlorodifluoromethane	Ave	2.798	2.883		10.3	10.0	3.1	30.0
Freon 22	Ave	1.236	1.269		10.3	10.0	2.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.139	2.205		10.3	10.0	3.1	30.0
Chloromethane	Ave	0.5057	0.5145		10.2	10.0	1.7	30.0
n-Butane	Ave	0.8117	0.7886		9.71	10.0	-2.8	30.0
Vinyl chloride	Ave	0.6276	0.6419		10.2	10.0	2.3	30.0
1,3-Butadiene	Ave	0.4200	0.4396		10.5	10.0	4.7	30.0
Bromomethane	Ave	0.8557	0.8864		10.4	10.0	3.6	30.0
Chloroethane	Ave	0.3396	0.3590		10.6	10.0	5.7	30.0
Isopentane	Ave	0.7559	0.7580		10.0	10.0	0.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8948	0.9540		10.7	10.0	6.6	30.0
Trichlorofluoromethane	Ave	2.942	3.000		10.2	10.0	2.0	30.0
n-Pentane	Ave	1.132	1.131		9.99	10.0	-0.0	30.0
Ethanol	Ave	0.2492	0.2133		12.9	15.0	-14.4	30.0
Ethyl ether	Ave	0.4641	0.4550		9.80	10.0	-2.0	30.0
Acrolein	Ave	0.2344	0.2065		8.80	10.0	-11.9	30.0
Freon TF	Ave	1.807	2.072		11.5	10.0	14.7	30.0
1,1-Dichloroethene	Ave	0.7909	0.9074		11.5	10.0	14.7	30.0
Acetone	Ave	1.082	1.059		9.79	10.0	-2.1	30.0
Isopropyl alcohol	Ave	0.7434	0.7684		10.3	10.0	3.4	30.0
Carbon disulfide	Ave	2.374	2.499		10.5	10.0	5.2	30.0
3-Chloropropene	Ave	0.8312	0.8990		10.8	10.0	8.2	30.0
Acetonitrile	Ave	0.4091	0.4293		10.5	10.0	4.9	30.0
Methylene Chloride	Ave	0.8644	0.9307		10.8	10.0	7.7	30.0
tert-Butyl alcohol	Ave	1.229	1.218		9.91	10.0	-0.9	30.0
Methyl tert-butyl ether	Ave	2.269	2.328		10.3	10.0	2.6	30.0
trans-1,2-Dichloroethene	Ave	1.250	1.335		10.7	10.0	6.8	30.0
n-Hexane	Ave	1.057	1.143		10.8	10.0	8.0	30.0
1,1-Dichloroethane	Ave	1.475	1.586		10.8	10.0	7.5	30.0
Vinyl acetate	Ave	1.634	1.665		10.2	10.0	1.9	30.0
cis-1,2-Dichloroethene	Ave	0.8884	0.9828		11.1	10.0	10.6	30.0
Methyl Ethyl Ketone	Ave	0.3210	0.3266		10.2	10.0	1.8	30.0
Ethyl acetate	Ave	0.0539	0.0559		10.4	10.0	3.6	30.0
Tetrahydrofuran	Ave	0.1316	0.1383		10.5	10.0	5.1	30.0
Chloroform	Ave	2.056	2.205		10.7	10.0	7.2	30.0
1,1,1-Trichloroethane	Ave	0.4944	0.5314		10.7	10.0	7.5	30.0
Cyclohexane	Ave	0.2152	0.2360		11.0	10.0	9.7	30.0
Carbon tetrachloride	Ave	0.5621	0.5981		10.6	10.0	6.4	30.0
2,2,4-Trimethylpentane	Ave	0.7053	0.7776		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: ICV 200-7345/12 Calibration Date: 10/01/2010 12:18

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfb012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5266	0.5462		10.4	10.0	3.7	30.0
1,2-Dichloroethane	Ave	0.3036	0.3174		10.4	10.0	4.5	30.0
n-Heptane	Ave	0.2555	0.2742		10.7	10.0	7.3	30.0
Trichloroethene	Ave	0.2768	0.3020		10.9	10.0	9.1	30.0
1,2-Dichloropropane	Ave	0.1704	0.1763		10.3	10.0	3.5	30.0
Methyl methacrylate	Ave	0.1506	0.1542		10.2	10.0	2.4	30.0
1,4-Dioxane	Ave	0.0722	0.0705		9.75	10.0	-2.5	30.0
Dibromomethane	Ave	0.2889	0.3081		10.7	10.0	6.7	30.0
Bromodichloromethane	Ave	0.4692	0.5117		10.9	10.0	9.1	30.0
cis-1,3-Dichloropropene	Ave	0.3095	0.3139		10.1	10.0	1.4	30.0
methyl isobutyl ketone	Ave	0.3054	0.3207		10.5	10.0	5.0	30.0
n-Octane	Ave	0.3437	0.3578		10.4	10.0	4.1	30.0
Toluene	Ave	0.3944	0.4001		10.1	10.0	1.4	30.0
trans-1,3-Dichloropropene	Ave	0.3383	0.3371		9.96	10.0	-0.4	30.0
1,1,2-Trichloroethane	Ave	0.1992	0.1973		9.90	10.0	-0.9	30.0
Tetrachloroethene	Ave	0.4373	0.4537		10.4	10.0	3.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3092	0.3220		10.4	10.0	4.2	30.0
Dibromochloromethane	Ave	0.5192	0.5708		11.0	10.0	9.9	30.0
1,2-Dibromoethane	Ave	0.4159	0.4227		10.2	10.0	1.6	30.0
Chlorobenzene	Ave	0.5758	0.5800		10.1	10.0	0.7	30.0
Ethylbenzene	Ave	0.8924	0.9038		10.1	10.0	1.3	30.0
n-Nonane	Ave	0.3428	0.3628		10.6	10.0	5.8	30.0
m,p-Xylene	Ave	0.3389	0.3418		20.2	20.0	0.9	30.0
Xylene, o-	Ave	0.3396	0.3356		9.88	10.0	-1.2	30.0
Styrene	Ave	0.5033	0.5256		10.4	10.0	4.4	30.0
Bromoform	Ave	0.5560	0.6188		11.1	10.0	11.3	30.0
Cumene	Ave	1.026	1.062		10.4	10.0	3.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4997	0.4966		9.94	10.0	-0.6	30.0
n-Propylbenzene	Ave	1.163	1.217		10.5	10.0	4.7	30.0
1,2,3-Trichloropropane	Ave	0.3928	0.4000		10.2	10.0	1.8	30.0
n-Decane	Ave	0.4178	0.4394		10.5	10.0	5.2	30.0
4-Ethyltoluene	Ave	1.029	1.084		10.5	10.0	5.3	30.0
2-Chlorotoluene	Ave	0.9710	1.020		10.5	10.0	5.0	30.0
1,3,5-Trimethylbenzene	Ave	0.8822	0.9048		10.3	10.0	2.6	30.0
tert-Butylbenzene	Ave	0.8393	0.8729		10.4	10.0	4.0	30.0
1,2,4-Trimethylbenzene	Ave	0.8732	0.8773		10.0	10.0	0.5	30.0
sec-Butylbenzene	Ave	1.211	1.271		10.5	10.0	5.0	30.0
4-Isopropyltoluene	Ave	1.054	1.117		10.6	10.0	6.0	30.0
1,3-Dichlorobenzene	Ave	0.6617	0.6575		9.93	10.0	-0.6	30.0
1,4-Dichlorobenzene	Ave	0.6539	0.6525		9.98	10.0	-0.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: ICV 200-7345/12 Calibration Date: 10/01/2010 12:18

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfb012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.7769	0.8242		10.6	10.0	6.1	30.0
n-Undecane	Ave	0.3328	0.2985		8.97	10.0	-10.3	30.0
n-Butylbenzene	Ave	0.8846	0.9588		10.8	10.0	8.4	30.0
1,2-Dichlorobenzene	Ave	0.6298	0.6096		9.68	10.0	-3.2	30.0
n-Dodecane	Ave	0.2075	0.2614		12.6	10.0	26.0	30.0
1,2,4-Trichlorobenzene	Ave	0.4651	0.4825		10.4	10.0	3.7	30.0
Hexachlorobutadiene	Ave	0.4853	0.5199		10.7	10.0	7.1	30.0
Naphthalene	Ave	0.8359	0.8831		10.6	10.0	5.6	30.0
1,2,3-Trichlorobenzene	Ave	0.3723	0.4392		11.8	10.0	18.0	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb012.d
Lab Smp Id: icv 052755
Inj Date : 01-OCT-2010 12:18
Operator : njr Inst ID: G.i
Smp Info : icv 052755
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 11 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

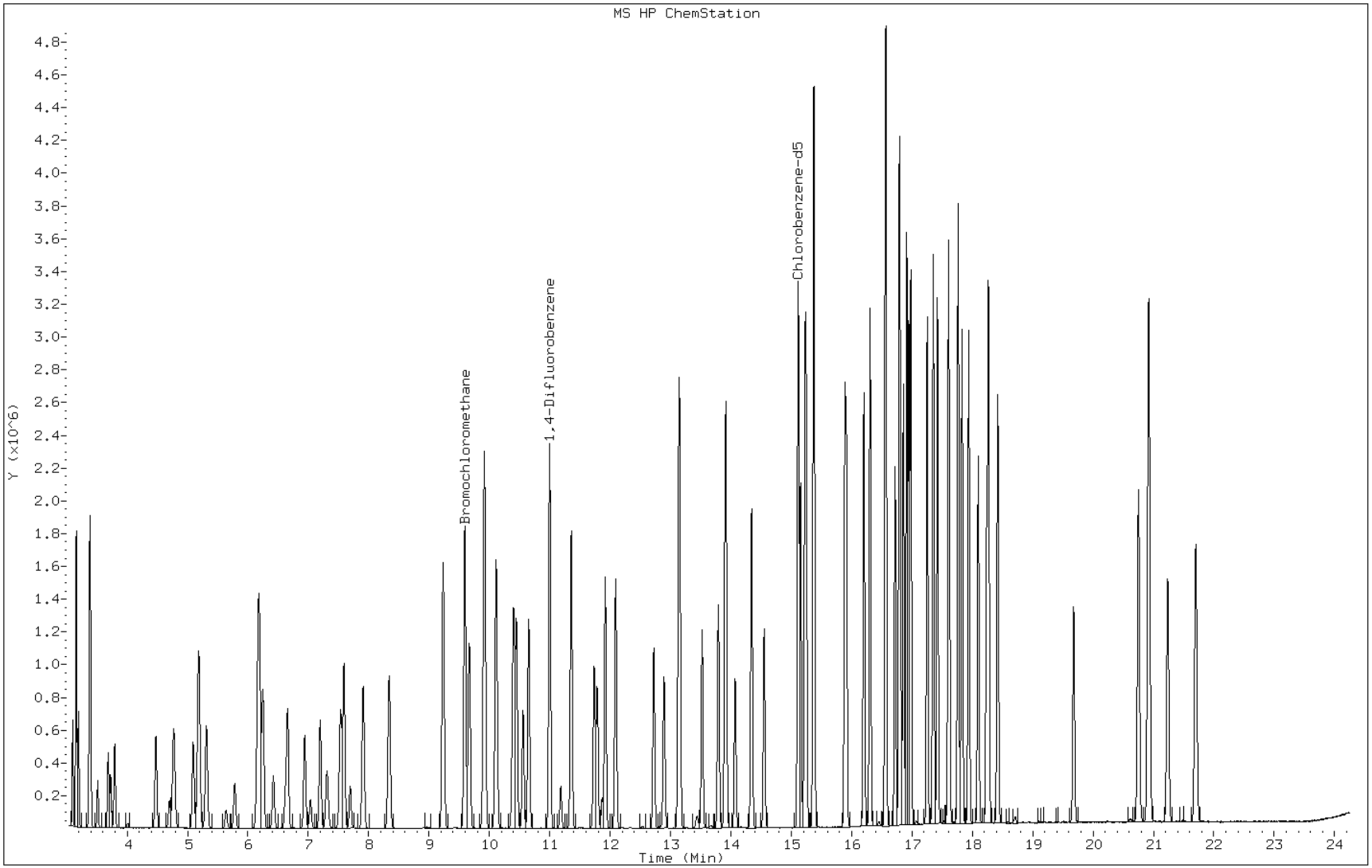
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	250505	9.86742	9.9
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	1463119	10.3032	10
3 Chlorodifluoromethane	51	3.192	3.192	(0.333)	644045	10.2703	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.379	3.384	(0.352)	1119035	10.3054	10
5 Chloromethane	50	3.513	3.513	(0.366)	261074	10.1707	10
6 Butane	43	3.689	3.689	(0.385)	400150	9.71340	9.7
7 Vinyl chloride	62	3.727	3.727	(0.389)	325718	10.2251	10
8 1,3-Butadiene	54	3.796	3.796	(0.396)	223082	10.4660	10
9 Bromomethane	94	4.476	4.476	(0.467)	449779	10.3561	10
10 Chloroethane	64	4.701	4.700	(0.490)	182171	10.5683	11
11 2-Methylbutane	43	4.770	4.775	(0.497)	384630	10.0254	10
12 Vinyl bromide	106	5.091	5.096	(0.531)	484127	10.6597	11
13 Trichlorofluoromethane	101	5.182	5.187	(0.540)	1522583	10.1956	10
14 Pentane	43	5.316	5.316	(0.554)	574106	9.99194	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	162788	12.8704	13
	16 Ethyl ether	59	5.787	5.781	(0.603)	230896	9.80171	9.8
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.645)	1051544	11.4677	11
	18 Acrolein	56	6.150	6.150	(0.641)	104765	8.80493	8.8
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	460465	11.4702	11
	20 Acetone	43	6.423	6.423	(0.670)	537560	9.79195	9.8
	21 Carbon disulfide	76	6.659	6.658	(0.694)	1268136	10.5225	11
	22 Isopropanol	45	6.621	6.621	(0.690)	389900	10.3338	10
	23 Allyl chloride	41	6.942	6.942	(0.724)	456202	10.8134	11
	24 Acetonitrile	41	7.033	7.033	(0.733)	217829	10.4919	10
	25 Methylene chloride	49	7.199	7.199	(0.751)	472265	10.7644	11
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	618123	9.90738	9.9
	27 Methyl tert-butyl ether	73	7.536	7.541	(0.786)	1181129	10.2539	10
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	677563	10.6784	11
	29 Acrylonitrile	53	7.696	7.696	(0.803)	231932	10.2230	10
	30 n-Hexane	57	7.910	7.910	(0.825)	579763	10.8028	11
	31 1,1-Dichloroethane	63	8.333	8.333	(0.869)	804980	10.7521	11
	32 Vinyl acetate	43	8.349	8.354	(0.871)	844882	10.1851	10
M	33 1,2-Dichloroethene,Total	61				1176291	21.7394	22
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	498727	11.0610	11
	35 Ethyl acetate	88	9.237	9.248	(0.963)	28362	10.3583	10
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.963)	165735	10.1741	10
*	37 Bromochloromethane	128	9.590	9.595	(1.000)	507548	10.0000	
	38 Tetrahydrofuran	42	9.606	9.601	(0.874)	333816	10.5036	11
	39 Chloroform	83	9.665	9.665	(1.008)	1118683	10.7213	11
	40 Cyclohexane	84	9.917	9.916	(0.902)	569832	10.9661	11
	41 1,1,1-Trichloroethane	97	9.917	9.916	(0.902)	1283139	10.7463	11
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	1444079	10.6392	11
	43 2,2,4-Trimethylpentane	57	10.398	10.398	(0.946)	1877464	11.0235	11
	44 Benzene	78	10.446	10.451	(0.950)	1318650	10.3689	10
	45 1,2-Dichloroethane	62	10.559	10.558	(0.960)	766233	10.4493	10
	46 n-Heptane	43	10.655	10.655	(0.969)	661988	10.7293	11
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2414934	10.0000	
	48 n-Butanol	56	11.184	11.184	(1.017)	159275	10.4382	10
	49 Trichloroethene	95	11.356	11.355	(1.033)	729234	10.9081	11
	50 1,2-Dichloropropane	63	11.741	11.735	(1.068)	425638	10.3433	10
	51 Methyl methacrylate	69	11.789	11.789	(1.072)	372364	10.2402	10
	52 Dibromomethane	174	11.917	11.922	(1.084)	743878	10.6634	11
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	170101	9.75210	9.8
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	1235494	10.9046	11
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	758003	10.1424	10
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	774304	10.4978	10
	57 n-Octane	43	13.137	13.137	(1.195)	863919	10.4078	10
	58 Toluene	92	13.153	13.153	(0.870)	922550	10.1415	10
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	813875	9.96314	10
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	454967	9.90441	9.9
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	1046067	10.3720	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	14.068	14.068	(0.931)	742454	10.4135	10
	63 Dibromochloromethane	129	14.346	14.346	(0.949)	1316141	10.9924	11
	64 1,2-Dibromoethane	107	14.549	14.549	(0.962)	974689	10.1616	10
*	65 Chlorobenzene-d5	117	15.116	15.116	(1.000)	2306197	10.0000	
	66 Chlorobenzene	112	15.154	15.154	(1.002)	1337375	10.0715	10
	67 n-Nonane	57	15.250	15.250	(1.009)	836447	10.5803	11
	68 Ethylbenzene	91	15.229	15.229	(1.007)	2083915	10.1255	10
	69 Xylene (m,p)	106	15.379	15.378	(1.017)	1576099	20.1672	20
M	70 Xylenes, Total	106				2349904	30.0466	30
	71 Xylene (o)	106	15.892	15.892	(1.051)	773804	9.87949	9.9
	72 Styrene	104	15.919	15.919	(1.053)	1211935	10.4404	10
	73 Bromoform	173	16.202	16.202	(1.072)	1426683	11.1257	11
	74 Isopropylbenzene	105	16.304	16.309	(1.079)	2449378	10.3542	10
	75 1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	1145078	9.93696	9.9
	76 n-Propylbenzene	91	16.786	16.791	(1.110)	2806642	10.4638	10
	77 1,2,3-Trichloropropane	75	16.802	16.807	(1.111)	922183	10.1790	10
	78 n-Decane	57	16.860	16.860	(1.115)	1013023	10.5146	11
	79 4-Ethyltoluene	105	16.914	16.914	(1.119)	2498473	10.5314	11
	80 2-Chlorotoluene	91	16.946	16.951	(1.121)	2351090	10.4990	10
	81 1,3,5-Trimethylbenzene	105	16.984	16.983	(1.123)	2086340	10.2548	10
	82 Alpha Methyl Styrene	118	17.251	17.251	(1.141)	1042984	10.8590	11
	83 tert-butylbenzene	119	17.353	17.352	(1.148)	2012612	10.3978	10
	84 1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	2022920	10.0456	10
	85 sec-Butylbenzene	105	17.609	17.609	(1.165)	2930665	10.4934	10
	86 4-Isopropyltoluene	119	17.765	17.764	(1.175)	2576198	10.5993	11
	87 1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	1515969	9.93441	9.9
	88 1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	1504438	9.97604	10
	89 Benzyl chloride	91	18.102	18.101	(1.197)	1900496	10.6078	11
	90 Undecane	57	18.235	18.235	(1.206)	688368	8.96820	9.0
	91 n-Butylbenzene	91	18.267	18.267	(1.208)	2210815	10.8373	11
	92 1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	1405582	9.67730	9.7
	93 Dodecane	57	19.680	19.680	(1.302)	602690	12.5937	13
	94 1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	1112612	10.3719	10
	95 1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	1198858	10.7110	11
	96 Naphthalene	128	21.237	21.236	(1.405)	2036087	10.5617	11
	97 1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	1012662	11.7948	12

Data File: gfb012.d
Client ID:
Operator: njr
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 052755
Lab Sample ID: icv 052755

Date: 01-OCT-2010 12:18
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: CCVIS 200-9159/2 Calibration Date: 11/05/2010 14:24

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfbw002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 071051

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5002	0.4550		9.09	10.0	-9.0	30.0
Dichlorodifluoromethane	Ave	2.798	2.499		8.93	10.0	-10.7	30.0
Freon 22	Ave	1.236	1.134		9.18	10.0	-8.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.139	1.990		9.30	10.0	-7.0	30.0
Chloromethane	Ave	0.5057	0.4870		9.63	10.0	-3.7	30.0
n-Butane	Ave	0.8117	0.8033		9.89	10.0	-1.0	30.0
Vinyl chloride	Ave	0.6276	0.6123		9.75	10.0	-2.4	30.0
1,3-Butadiene	Ave	0.4200	0.4136		9.85	10.0	-1.5	30.0
Bromomethane	Ave	0.8557	0.8360		9.77	10.0	-2.3	30.0
Chloroethane	Ave	0.3396	0.3556		10.5	10.0	4.7	30.0
Isopentane	Ave	0.7559	0.7661		10.1	10.0	1.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8948	0.8942		9.99	10.0	-0.0	30.0
Trichlorofluoromethane	Ave	2.942	2.981		10.1	10.0	1.3	30.0
n-Pentane	Ave	1.132	1.223		10.8	10.0	8.0	30.0
Ethanol	Ave	0.2492	0.3009		18.1	15.0	20.7	30.0
Ethyl ether	Ave	0.4641	0.5100		11.0	10.0	9.9	30.0
Acrolein	Ave	0.2344	0.2295		9.79	10.0	-2.1	30.0
Freon TF	Ave	1.807	1.848		10.2	10.0	2.3	30.0
1,1-Dichloroethene	Ave	0.7909	0.7770		9.82	10.0	-1.8	30.0
Acetone	Ave	1.082	1.367		12.6	10.0	26.4	30.0
Isopropyl alcohol	Ave	0.7434	0.8399		11.3	10.0	13.0	30.0
Carbon disulfide	Ave	2.374	2.450		10.3	10.0	3.2	30.0
3-Chloropropene	Ave	0.8312	0.9100		10.9	10.0	9.5	30.0
Acetonitrile	Ave	0.4091	0.5000		12.2	10.0	22.2	30.0
Methylene Chloride	Ave	0.8644	0.9340		10.8	10.0	8.0	30.0
tert-Butyl alcohol	Ave	1.229	1.426		11.6	10.0	16.0	30.0
Methyl tert-butyl ether	Ave	2.269	2.472		10.9	10.0	8.9	30.0
trans-1,2-Dichloroethene	Ave	1.250	1.355		10.8	10.0	8.4	30.0
n-Hexane	Ave	1.057	1.192		11.3	10.0	12.7	30.0
1,1-Dichloroethane	Ave	1.475	1.665		11.3	10.0	12.9	30.0
Vinyl acetate	Ave	1.634	1.913		11.7	10.0	17.1	30.0
cis-1,2-Dichloroethene	Ave	0.8884	0.9218		10.4	10.0	3.8	30.0
Methyl Ethyl Ketone	Ave	0.3210	0.3512		10.9	10.0	9.4	30.0
Ethyl acetate	Ave	0.0539	0.0583		10.8	10.0	8.1	30.0
Tetrahydrofuran	Ave	0.1316	0.1492		11.3	10.0	13.3	30.0
Chloroform	Ave	2.056	2.246		10.9	10.0	9.2	30.0
1,1,1-Trichloroethane	Ave	0.4944	0.5123		10.4	10.0	3.6	30.0
Cyclohexane	Ave	0.2152	0.2229		10.4	10.0	3.6	30.0
Carbon tetrachloride	Ave	0.5621	0.5801		10.3	10.0	3.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: CCVIS 200-9159/2 Calibration Date: 11/05/2010 14:24

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfbw002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 071051

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.7053	0.7862		11.1	10.0	11.5	30.0
Benzene	Ave	0.5266	0.5263		9.99	10.0	-0.0	30.0
1,2-Dichloroethane	Ave	0.3036	0.3271		10.8	10.0	7.7	30.0
n-Heptane	Ave	0.2555	0.2887		11.3	10.0	13.0	30.0
Trichloroethene	Ave	0.2768	0.2815		10.2	10.0	1.7	30.0
1,2-Dichloropropane	Ave	0.1704	0.1904		11.2	10.0	11.8	30.0
Methyl methacrylate	Ave	0.1506	0.1641		10.9	10.0	9.0	30.0
1,4-Dioxane	Ave	0.0722	0.0734		10.2	10.0	1.6	30.0
Dibromomethane	Ave	0.2889	0.2633		9.11	10.0	-8.9	30.0
Bromodichloromethane	Ave	0.4692	0.5029		10.7	10.0	7.2	30.0
cis-1,3-Dichloropropene	Ave	0.3095	0.3280		10.6	10.0	6.0	30.0
methyl isobutyl ketone	Ave	0.3054	0.3534		11.6	10.0	15.7	30.0
n-Octane	Ave	0.3437	0.3895		11.3	10.0	13.3	30.0
Toluene	Ave	0.3944	0.3920		9.94	10.0	-0.6	30.0
trans-1,3-Dichloropropene	Ave	0.3383	0.3550		10.5	10.0	4.9	30.0
1,1,2-Trichloroethane	Ave	0.1992	0.2146		10.8	10.0	7.8	30.0
Tetrachloroethene	Ave	0.4373	0.3978		9.09	10.0	-9.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3092	0.3498		11.3	10.0	13.2	30.0
Dibromochloromethane	Ave	0.5192	0.5291		10.2	10.0	1.9	30.0
1,2-Dibromoethane	Ave	0.4159	0.4212		10.1	10.0	1.3	30.0
Chlorobenzene	Ave	0.5758	0.5661		9.83	10.0	-1.7	30.0
Ethylbenzene	Ave	0.8924	0.9080		10.2	10.0	1.7	30.0
n-Nonane	Ave	0.3428	0.3885		11.3	10.0	13.3	30.0
m,p-Xylene	Ave	0.3389	0.3417		20.2	20.0	0.8	30.0
Xylene, o-	Ave	0.3396	0.3438		10.1	10.0	1.2	30.0
Styrene	Ave	0.5033	0.5123		10.2	10.0	1.8	30.0
Bromoform	Ave	0.5560	0.5471		9.84	10.0	-1.6	30.0
Cumene	Ave	1.026	1.054		10.3	10.0	2.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4997	0.5479		11.0	10.0	9.6	30.0
n-Propylbenzene	Ave	1.163	1.231		10.6	10.0	5.8	30.0
1,2,3-Trichloropropane	Ave	0.3928	0.4303		11.0	10.0	9.5	30.0
n-Decane	Ave	0.4178	0.4770		11.4	10.0	14.2	30.0
4-Ethyltoluene	Ave	1.029	1.053		10.2	10.0	2.4	30.0
2-Chlorotoluene	Ave	0.9710	1.011		10.4	10.0	4.2	30.0
1,3,5-Trimethylbenzene	Ave	0.8822	0.9192		10.4	10.0	4.2	30.0
tert-Butylbenzene	Ave	0.8393	0.8714		10.4	10.0	3.8	30.0
1,2,4-Trimethylbenzene	Ave	0.8732	0.9084		10.4	10.0	4.0	30.0
sec-Butylbenzene	Ave	1.211	1.275		10.5	10.0	5.3	30.0
4-Isopropyltoluene	Ave	1.054	1.098		10.4	10.0	4.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: CCVIS 200-9159/2 Calibration Date: 11/05/2010 14:24

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfbw002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 071051

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.6617	0.6103		9.22	10.0	-7.8	30.0
1,4-Dichlorobenzene	Ave	0.6539	0.5955		9.10	10.0	-8.9	30.0
Benzyl chloride	Ave	0.7769	0.6477		8.34	10.0	-16.6	30.0
n-Undecane	Ave	0.3328	0.2874		8.63	10.0	-13.7	30.0
n-Butylbenzene	Ave	0.8846	0.9632		10.9	10.0	8.9	30.0
1,2-Dichlorobenzene	Ave	0.6298	0.5871		9.32	10.0	-6.8	30.0
n-Dodecane	Ave	0.2075	0.2014		9.71	10.0	-2.9	30.0
1,2,4-Trichlorobenzene	Ave	0.4651	0.3574		7.68	10.0	-23.2	30.0
Hexachlorobutadiene	Ave	0.4853	0.4462		9.19	10.0	-8.1	30.0
Naphthalene	Ave	0.8359	0.7225		8.64	10.0	-13.6	30.0
1,2,3-Trichlorobenzene	Ave	0.3723	0.3000		8.06	10.0	-19.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw002.d
Lab Smp Id: ccvis 071051 Client Smp ID: ccvis 071051
Inj Date : 05-NOV-2010 14:24
Operator : wrd Inst ID: G.i
Smp Info : ccvis 071051
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 15:05 wrd Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	3.101	3.101	(0.324)	259667	10.0000	9.1
2	Dichlorodifluoromethane	85	3.160	3.160	(0.330)	1426457	10.0000	8.9
3	Chlorodifluoromethane	51	3.197	3.192	(0.334)	647166	10.0000	9.2
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.384	3.384	(0.353)	1135588	10.0000	9.3
5	Chloromethane	50	3.513	3.513	(0.367)	277926	10.0000	9.6
6	Butane	43	3.689	3.689	(0.385)	458434	10.0000	9.9
7	Vinyl chloride	62	3.727	3.727	(0.389)	349445	10.0000	9.8
8	1,3-Butadiene	54	3.796	3.796	(0.396)	236049	10.0000	9.8
9	Bromomethane	94	4.470	4.476	(0.467)	477138	10.0000	9.8
10	Chloroethane	64	4.695	4.700	(0.490)	202916	10.0000	10
11	2-Methylbutane	43	4.765	4.775	(0.497)	437198	10.0000	10
12	Vinyl bromide	106	5.086	5.096	(0.531)	510306	10.0000	10
13	Trichlorofluoromethane	101	5.182	5.187	(0.541)	1701058	10.0000	10
14	Pentane	43	5.310	5.316	(0.554)	697798	10.0000	11

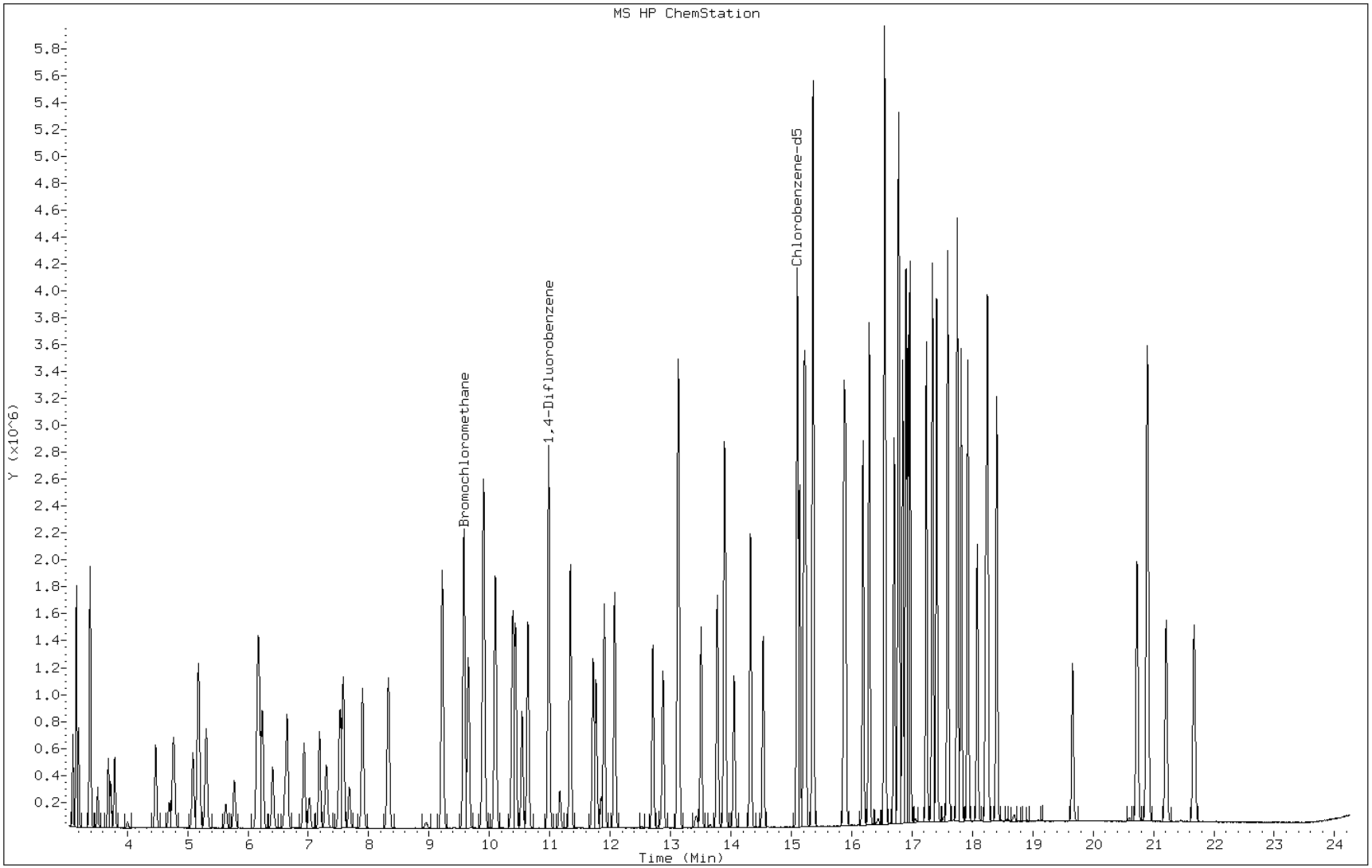
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.631	5.642	(0.588)	257662	15.0000	18
	16 Ethyl ether	59	5.776	5.781	(0.603)	291057	10.0000	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	1054797	10.0000	10
	18 Acrolein	56	6.139	6.150	(0.641)	130973	10.0000	9.8
	19 1,1-Dichloroethene	96	6.236	6.252	(0.651)	443434	10.0000	9.8
	20 Acetone	43	6.407	6.423	(0.669)	780058	10.0000	13
	21 Carbon disulfide	76	6.648	6.658	(0.694)	1398227	10.0000	10
	22 Isopropanol	45	6.610	6.621	(0.690)	479352	10.0000	11
	23 Allyl chloride	41	6.931	6.942	(0.724)	519343	10.0000	11
	24 Acetonitrile	41	7.022	7.033	(0.733)	285380	10.0000	12
	25 Methylene chloride	49	7.183	7.199	(0.750)	533042	10.0000	11
	26 Tert-butyl alcohol	59	7.300	7.311	(0.762)	813598	10.0000	12
	27 Methyl tert-butyl ether	73	7.530	7.541	(0.786)	1411042	10.0000	11
	28 1,2-Dichloroethene (trans)	61	7.579	7.589	(0.791)	773202	10.0000	11
	29 Acrylonitrile	53	7.680	7.696	(0.802)	281708	10.0000	11
	30 n-Hexane	57	7.900	7.910	(0.825)	680234	10.0000	11
	31 1,1-Dichloroethane	63	8.317	8.333	(0.868)	950149	10.0000	11
	32 Vinyl acetate	43	8.338	8.354	(0.870)	1091952	10.0000	12
M	33 1,2-Dichloroethene,Total	61				1299280	20.0000	21
	34 1,2-Dichloroethene (cis)	96	9.210	9.226	(0.961)	526077	10.0000	10
	35 Ethyl acetate	88	9.226	9.248	(0.963)	33291	10.0000	11
	36 Methyl Ethyl Ketone	72	9.221	9.232	(0.963)	200424	10.0000	11(Q)
*	37 Bromochloromethane	128	9.579	9.595	(1.000)	570828	10.0000	(Q)
	38 Tetrahydrofuran	42	9.590	9.601	(0.873)	421110	10.0000	11
	39 Chloroform	83	9.649	9.665	(1.007)	1281763	10.0000	11
	40 Cyclohexane	84	9.900	9.916	(0.902)	629270	10.0000	10
	41 1,1,1-Trichloroethane	97	9.900	9.916	(0.902)	1446333	10.0000	10
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	1637930	10.0000	10
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	2219630	10.0000	11
	44 Benzene	78	10.435	10.451	(0.950)	1485910	10.0000	10
	45 1,2-Dichloroethane	62	10.542	10.558	(0.960)	923639	10.0000	11
	46 n-Heptane	43	10.639	10.655	(0.969)	815148	10.0000	11
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2823884	10.0000	
	48 n-Butanol	56	11.168	11.184	(1.017)	178944	10.0000	10
	49 Trichloroethene	95	11.339	11.355	(1.033)	794678	10.0000	10
	50 1,2-Dichloropropane	63	11.719	11.735	(1.067)	537652	10.0000	11
	51 Methyl methacrylate	69	11.767	11.789	(1.072)	463347	10.0000	11
	52 Dibromomethane	174	11.901	11.922	(1.084)	743309	10.0000	9.1
	53 1,4-Dioxane	88	11.848	11.864	(1.079)	207102	10.0000	10
	54 Bromodichloromethane	83	12.072	12.094	(1.099)	1419768	10.0000	11
	55 1,3-Dichloropropene (cis)	75	12.709	12.725	(1.157)	925927	10.0000	11
	56 Methyl isobutyl ketone	43	12.875	12.891	(1.172)	997709	10.0000	12
	57 n-Octane	43	13.121	13.137	(1.195)	1099564	10.0000	11
	58 Toluene	92	13.137	13.153	(0.870)	1067926	10.0000	9.9
	59 1,3-Dichloropropene (trans)	75	13.506	13.522	(1.230)	1002263	10.0000	10
	60 1,1,2-Trichloroethane	83	13.774	13.795	(0.912)	584708	10.0000	11
	61 Tetrachloroethene	166	13.897	13.913	(0.920)	1083630	10.0000	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	62 2-Hexanone	43	14.052	14.068	(0.931)	953037	10.0000	11
	63 Dibromochloromethane	129	14.325	14.346	(0.949)	1441391	10.0000	10
	64 1,2-Dibromoethane	107	14.533	14.549	(0.962)	1147364	10.0000	10
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2724780	10.0000	
	66 Chlorobenzene	112	15.138	15.154	(1.002)	1542184	10.0000	9.8
	67 n-Nonane	57	15.234	15.250	(1.009)	1058325	10.0000	11
	68 Ethylbenzene	91	15.213	15.229	(1.007)	2473538	10.0000	10
	69 Xylene (m,p)	106	15.362	15.378	(1.017)	1861835	20.0000	20
M	70 Xylenes, Total	106				2798448	10.0000	30
	71 Xylene (o)	106	15.876	15.892	(1.051)	936612	10.0000	10
	72 Styrene	104	15.903	15.919	(1.053)	1395699	10.0000	10
	73 Bromoform	173	16.186	16.202	(1.072)	1490292	10.0000	9.8
	74 Isopropylbenzene	105	16.293	16.309	(1.079)	2870367	10.0000	10
	75 1,1,2,2-Tetrachloroethane	83	16.705	16.721	(1.106)	1492518	10.0000	11
	76 n-Propylbenzene	91	16.775	16.791	(1.111)	3352632	10.0000	11
	77 1,2,3-Trichloropropane	75	16.791	16.807	(1.112)	1172327	10.0000	11
	78 n-Decane	57	16.844	16.860	(1.115)	1299351	10.0000	11
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	2868330	10.0000	10
	80 2-Chlorotoluene	91	16.935	16.951	(1.122)	2755115	10.0000	10
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	2504205	10.0000	10
	82 Alpha Methyl Styrene	118	17.235	17.251	(1.141)	1164375	10.0000	10
	83 tert-butylbenzene	119	17.336	17.352	(1.148)	2373772	10.0000	10
	84 1,2,4-Trimethylbenzene	105	17.411	17.422	(1.153)	2474684	10.0000	10
	85 sec-Butylbenzene	105	17.593	17.609	(1.165)	3472626	10.0000	11
	86 4-Isopropyltoluene	119	17.748	17.764	(1.175)	2992487	10.0000	10
	87 1,3-Dichlorobenzene	146	17.813	17.828	(1.180)	1662470	10.0000	9.2
	88 1,4-Dichlorobenzene	146	17.925	17.941	(1.187)	1622224	10.0000	9.1
	89 Benzyl chloride	91	18.085	18.101	(1.198)	1764532	10.0000	8.3
	90 Undecane	57	18.219	18.235	(1.207)	782903	10.0000	8.6
	91 n-Butylbenzene	91	18.251	18.267	(1.209)	2624078	10.0000	11
	92 1,2-Dichlorobenzene	146	18.406	18.422	(1.219)	1599366	10.0000	9.3
	93 Dodecane	57	19.664	19.680	(1.302)	548763	10.0000	9.7
	94 1,2,4-Trichlorobenzene	180	20.728	20.755	(1.373)	973629	10.0000	7.7
	95 1,3-Hexachlorobutadiene	225	20.899	20.921	(1.384)	1215473	10.0000	9.2
	96 Naphthalene	128	21.210	21.236	(1.405)	1968138	10.0000	8.6
	97 1,2,3-Trichlorobenzene	180	21.675	21.702	(1.435)	817262	10.0000	8.1

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	gfbw002.d	Date:	05-NOV-2010 14:24
Client ID:	ccvis 071051	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 071051		
Lab Sample ID:	ccvis 071051		



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb001.d
Lab Smp Id: VBFB Client Smp ID: VBFB
Inj Date : 01-OCT-2010 00:03
Operator : njr Inst ID: G.i
Smp Info : VBFB
Misc Info :
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/bfbto15.m
Meth Date : 24-Nov-2009 09:15 njr Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

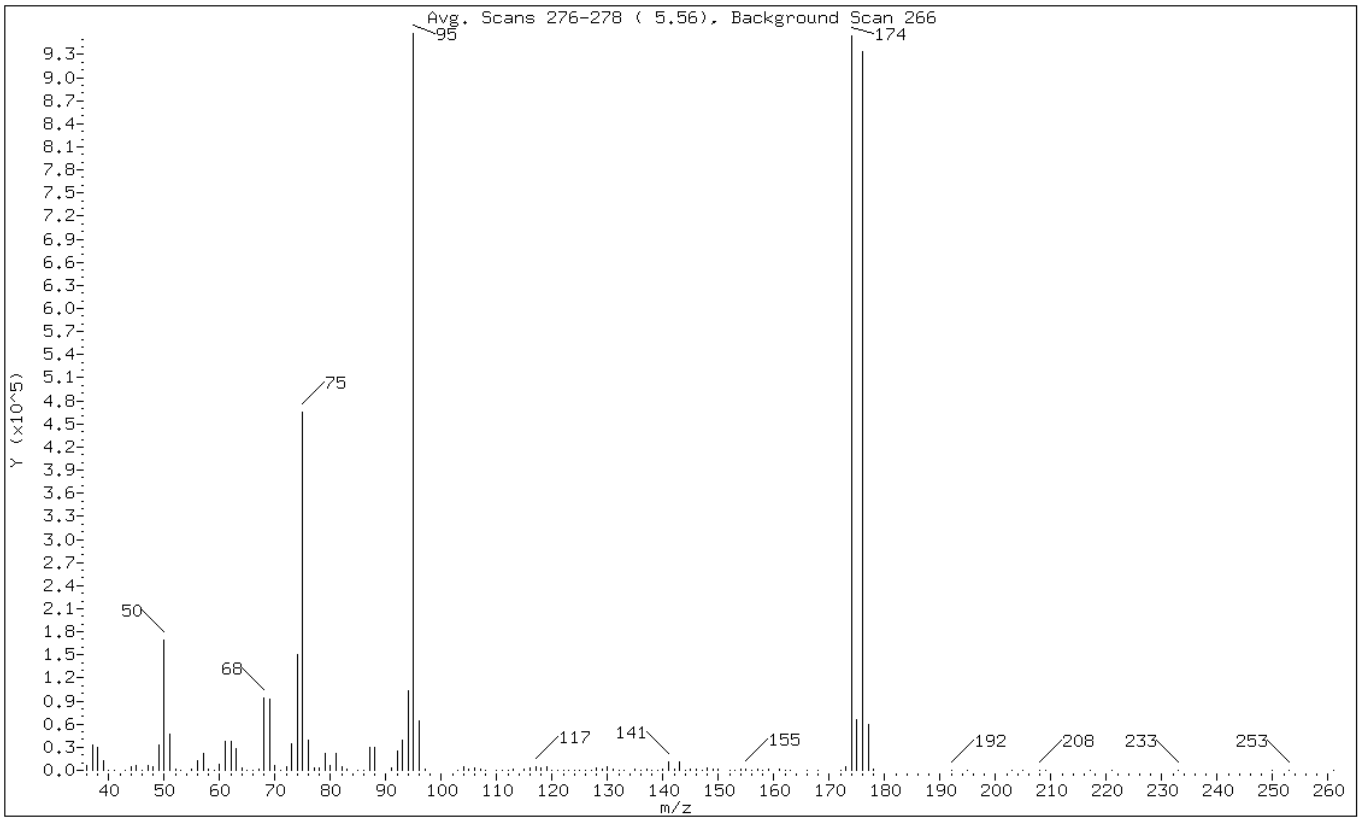
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.563	5.900	-0.337	95	957184			100.00- 100.00	100.00
5.563	5.900	-0.337	50	168597			8.00- 40.00	17.61
5.563	5.900	-0.337	75	464687			30.00- 66.00	48.55
5.563	5.900	-0.337	96	64008			5.00- 9.00	6.69
5.563	5.900	-0.337	173	5079			0.00- 2.00	0.53
5.563	5.900	-0.337	174	954346			50.00- 120.00	99.70
5.563	5.900	-0.337	175	65834			4.00- 9.00	6.90
5.563	5.900	-0.337	176	933973			93.00- 101.00	97.87
5.563	5.900	-0.337	177	59513			5.00- 9.00	6.37

Data File: gfb001.d
Client ID: VBFB
Operator: njr
Column Type:
Stationary Phase: RTX-624
Sample Info: VBFB
Lab Sample ID: VBFB
1 bfb

Date: 01-OCT-2010 00:03
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.61
75	30.00 - 66.00% of mass 95	48.55
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.53 (0.53)
174	50.00 - 120.00% of mass 95	99.70
175	4.00 - 9.00% of mass 174	6.88 (6.90)
176	93.00 - 101.00% of mass 174	97.58 (97.87)
177	5.00 - 9.00% of mass 176	6.22 (6.37)

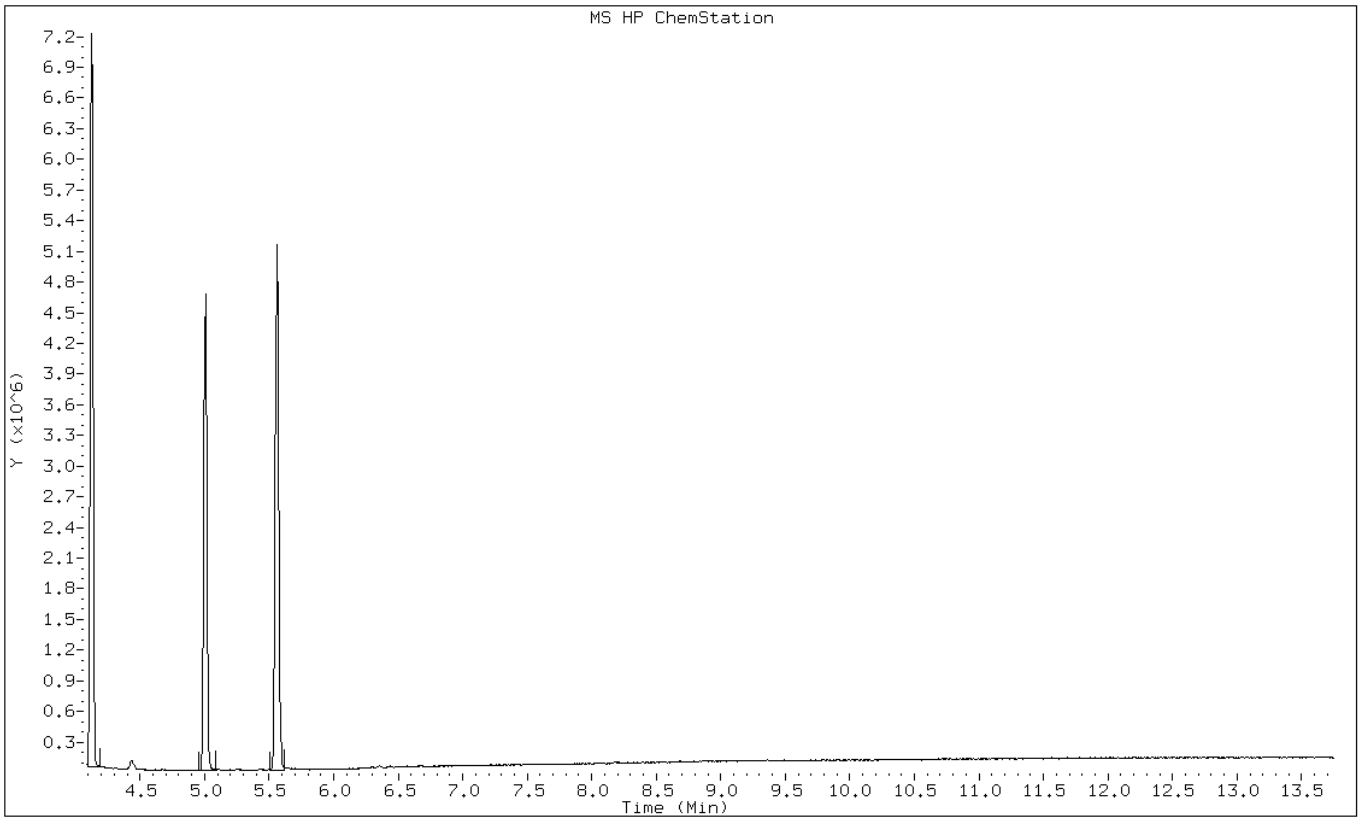
Data File: gfb001.d
Client ID: VBFB
Operator: njr
Column Type:
Stationary Phase: RTX-624
Sample Info: VBFB
Lab Sample ID: VBFB

Date: 01-OCT-2010 00:03
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/gfbto15.b/gfb001.d
Spectrum: Avg. Scans 276-278 (5.56), Background Scan 266
Location of Maximum: 95.00
Number of points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5857	72.00	4164	116.00	3388	152.00	406
37.00	33056	73.00	34640	117.00	5174	153.00	628
38.00	30280	74.00	150912	118.00	3251	154.00	796
39.00	12544	75.00	464640	119.00	5030	155.00	2285
40.00	579	76.00	38544	120.00	211	156.00	482
41.00	67	77.00	3649	121.00	72	157.00	1945
43.00	410	78.00	2668	122.00	200	158.00	126
44.00	3952	79.00	22384	123.00	226	159.00	1448
45.00	6707	80.00	6952	124.00	618	161.00	1333
46.00	418	81.00	22656	125.00	387	162.00	82
47.00	6452	82.00	4777	126.00	300	163.00	112
48.00	4299	83.00	884	127.00	515	166.00	86
49.00	32304	85.00	273	128.00	3652	168.00	150
50.00	168576	86.00	744	129.00	1676	172.00	108
51.00	47352	87.00	29944	130.00	4077	173.00	5079
52.00	1913	88.00	30136	131.00	1687	174.00	954304
53.00	187	91.00	3267	132.00	301	175.00	65832
55.00	1947	92.00	25752	133.00	81	176.00	933952
56.00	11763	93.00	39192	135.00	1303	177.00	59512
57.00	21824	94.00	103792	136.00	396	178.00	1509
58.00	869	95.00	957184	137.00	1761	192.00	78
59.00	296	96.00	64008	138.00	82	195.00	68
60.00	7375	97.00	1909	139.00	289	203.00	73
61.00	37856	103.00	608	140.00	843	205.00	104
62.00	38272	104.00	4249	141.00	11176	208.00	315
63.00	28400	105.00	1594	142.00	1295	209.00	239
64.00	2455	106.00	3690	143.00	11164	217.00	71
65.00	253	107.00	1120	144.00	721	221.00	81
66.00	84	108.00	74	145.00	1349	233.00	153
67.00	2056	110.00	420	146.00	1573	250.00	132
68.00	93768	111.00	740	147.00	708	253.00	217
69.00	91664	112.00	406	148.00	2526	261.00	72
70.00	6810	113.00	859	149.00	927		
71.00	326	115.00	1173	150.00	1134		

Data File:	gfb001.d	Date:	01-OCT-2010 00:03
Client ID:	VBFB	Instrument:	G.i
Operator:	njr	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	VBFB		
Lab Sample ID:	VBFB		



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 05-NOV-2010 13:22
Operator : wrd Inst ID: G.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/bfbto15.m
Meth Date : 24-Nov-2009 09:15 njr Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

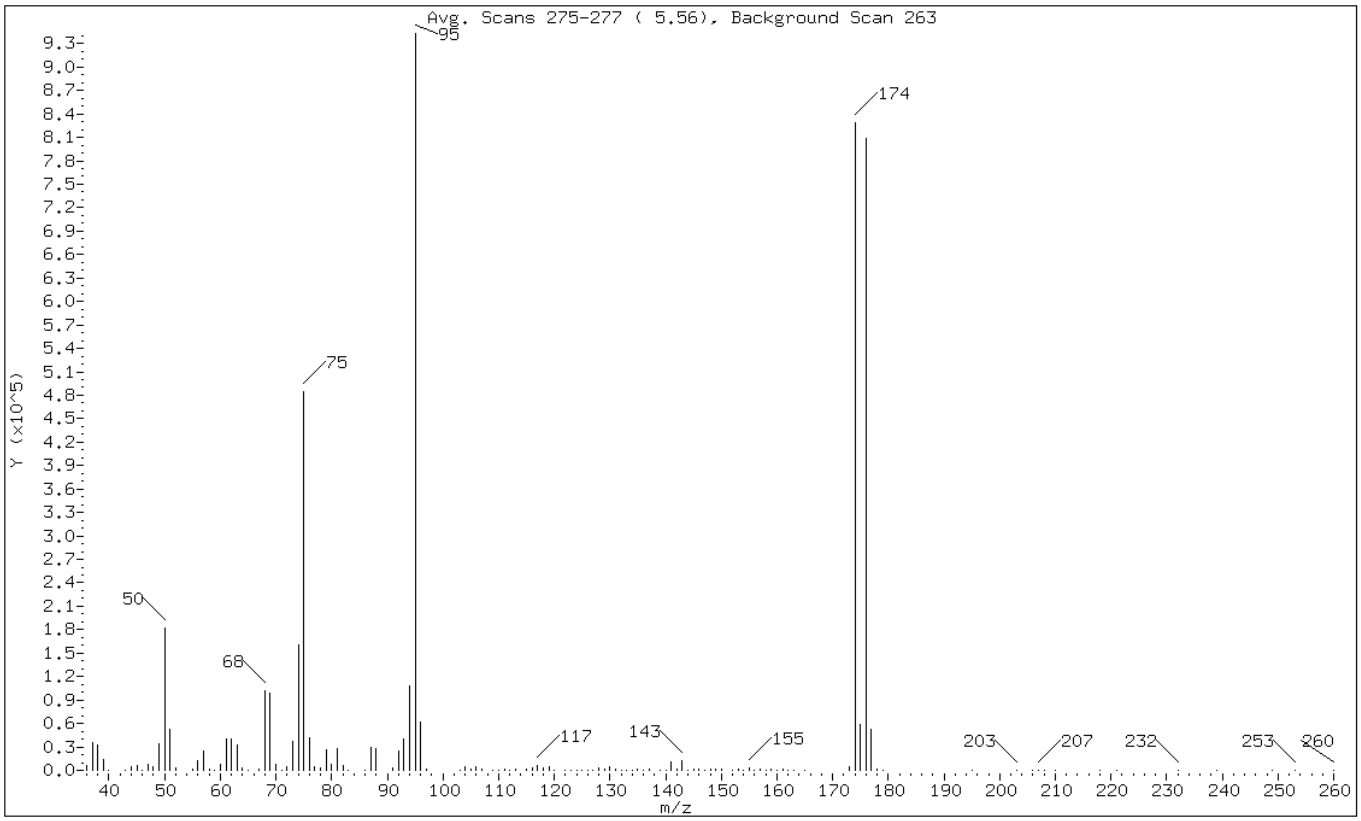
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.558	5.900	-0.342	95	942848			100.00- 100.00	100.00
5.558	5.900	-0.342	50	182506			8.00- 40.00	19.36
5.558	5.900	-0.342	75	484135			30.00- 66.00	51.35
5.558	5.900	-0.342	96	61786			5.00- 9.00	6.55
5.558	5.900	-0.342	173	4575			0.00- 2.00	0.55
5.558	5.900	-0.342	174	829034			50.00- 120.00	87.93
5.558	5.900	-0.342	175	58394			4.00- 9.00	7.04
5.558	5.900	-0.342	176	809194			93.00- 101.00	97.61
5.558	5.900	-0.342	177	52817			5.00- 9.00	6.53

Data File: gfbw001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 05-NOV-2010 13:22
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	19.36
75	30.00 - 66.00% of mass 95	51.35
96	5.00 - 9.00% of mass 95	6.55
173	Less than 2.00% of mass 174	0.49 (0.55)
174	50.00 - 120.00% of mass 95	87.93
175	4.00 - 9.00% of mass 174	6.19 (7.04)
176	93.00 - 101.00% of mass 174	85.82 (97.61)
177	5.00 - 9.00% of mass 176	5.60 (6.53)

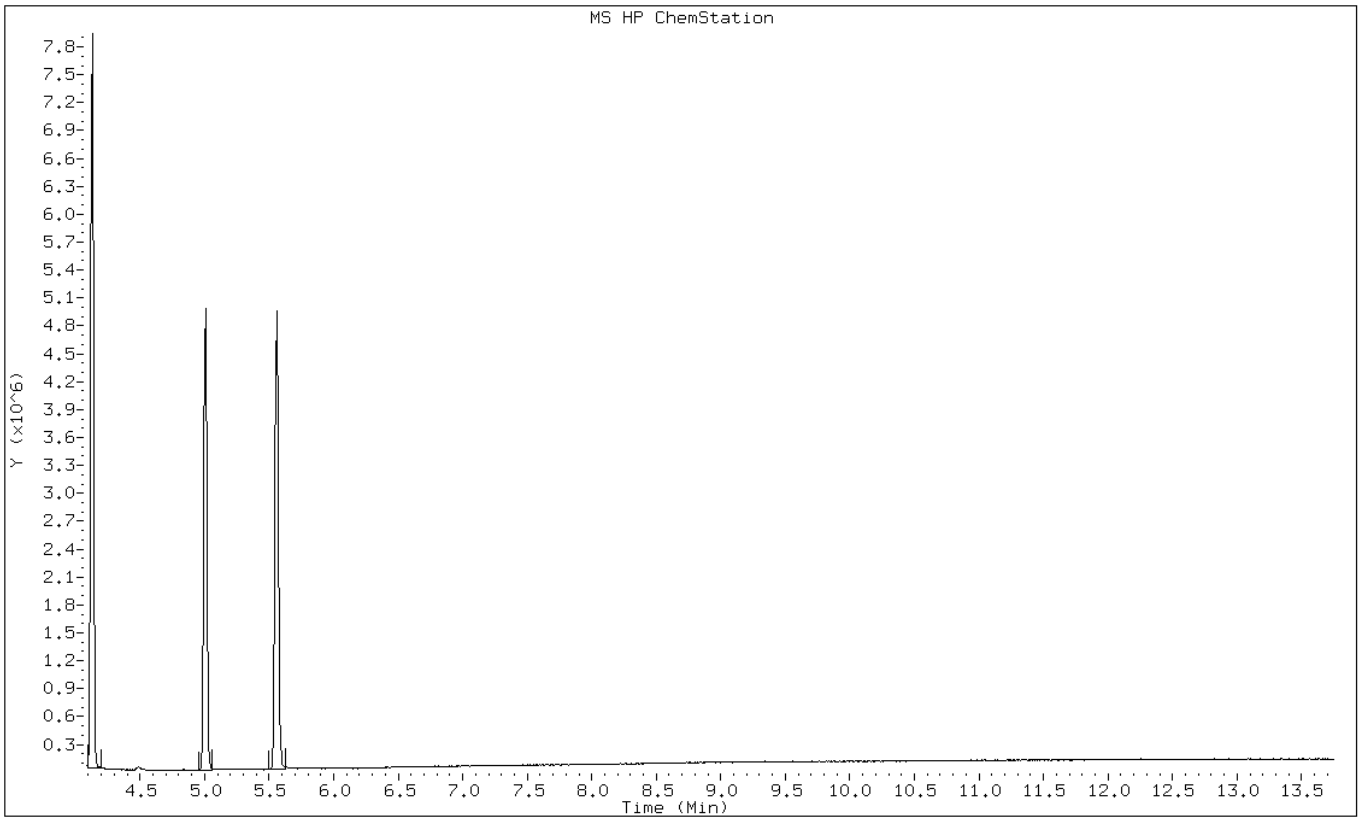
Data File: gfbw001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 05-NOV-2010 13:22
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/gfbwto15.b/gfbw001.d
Spectrum: Avg. Scans 275-277 (5.56), Background Scan 263
Location of Maximum: 95.00
Number of points: 130

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5896	74.00	161216	118.00	3502	154.00	593
37.00	35856	75.00	484096	119.00	5053	155.00	2792
38.00	32704	76.00	42120	120.00	182	156.00	429
39.00	13177	77.00	3952	122.00	431	157.00	1837
40.00	7	78.00	2770	123.00	118	158.00	286
43.00	297	79.00	26520	124.00	558	159.00	1411
44.00	4274	80.00	8117	125.00	424	160.00	94
45.00	6905	81.00	27168	126.00	452	161.00	1278
46.00	494	82.00	5472	127.00	494	162.00	195
47.00	7044	83.00	641	128.00	3819	163.00	346
48.00	4537	86.00	700	129.00	2048	165.00	271
49.00	34720	87.00	28752	130.00	3915	173.00	4575
50.00	182464	88.00	27592	131.00	1652	174.00	828992
51.00	52696	91.00	2969	132.00	172	175.00	58392
52.00	2595	92.00	25240	133.00	276	176.00	809152
55.00	1729	93.00	40280	134.00	209	177.00	52816
56.00	12842	94.00	107472	135.00	1776	178.00	1440
57.00	24584	95.00	942848	136.00	318	179.00	162
58.00	1001	96.00	61784	137.00	2071	195.00	15
59.00	304	97.00	1984	139.00	392	203.00	68
60.00	7073	103.00	724	140.00	621	206.00	73
61.00	39640	104.00	4438	141.00	10892	207.00	575
62.00	40280	105.00	1534	142.00	1251	208.00	273
63.00	33064	106.00	4403	143.00	11727	210.00	74
64.00	2628	107.00	805	144.00	612	218.00	102
65.00	232	109.00	159	145.00	1008	221.00	168
67.00	2182	110.00	497	146.00	1426	232.00	91
68.00	101464	111.00	778	147.00	665	239.00	68
69.00	99008	112.00	492	148.00	2246	249.00	16
70.00	7788	113.00	1076	149.00	834	253.00	177
71.00	399	115.00	867	150.00	1258	260.00	102
72.00	3945	116.00	3845	152.00	597		
73.00	37552	117.00	5496	153.00	803		

Data File:	gfbw001.d	Date:	05-NOV-2010 13:22
Client ID:	BFB	Instrument:	G.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.20	U	0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	0.75	U	0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw004.d
Lab Smp Id: mb
Inj Date : 05-NOV-2010 16:04
Operator : wrd Inst ID: G.i
Smp Info : mb
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 15:05 wrd Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.183	7.199	(0.750)	9931	0.19406	0.19(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	592028	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	3004102	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

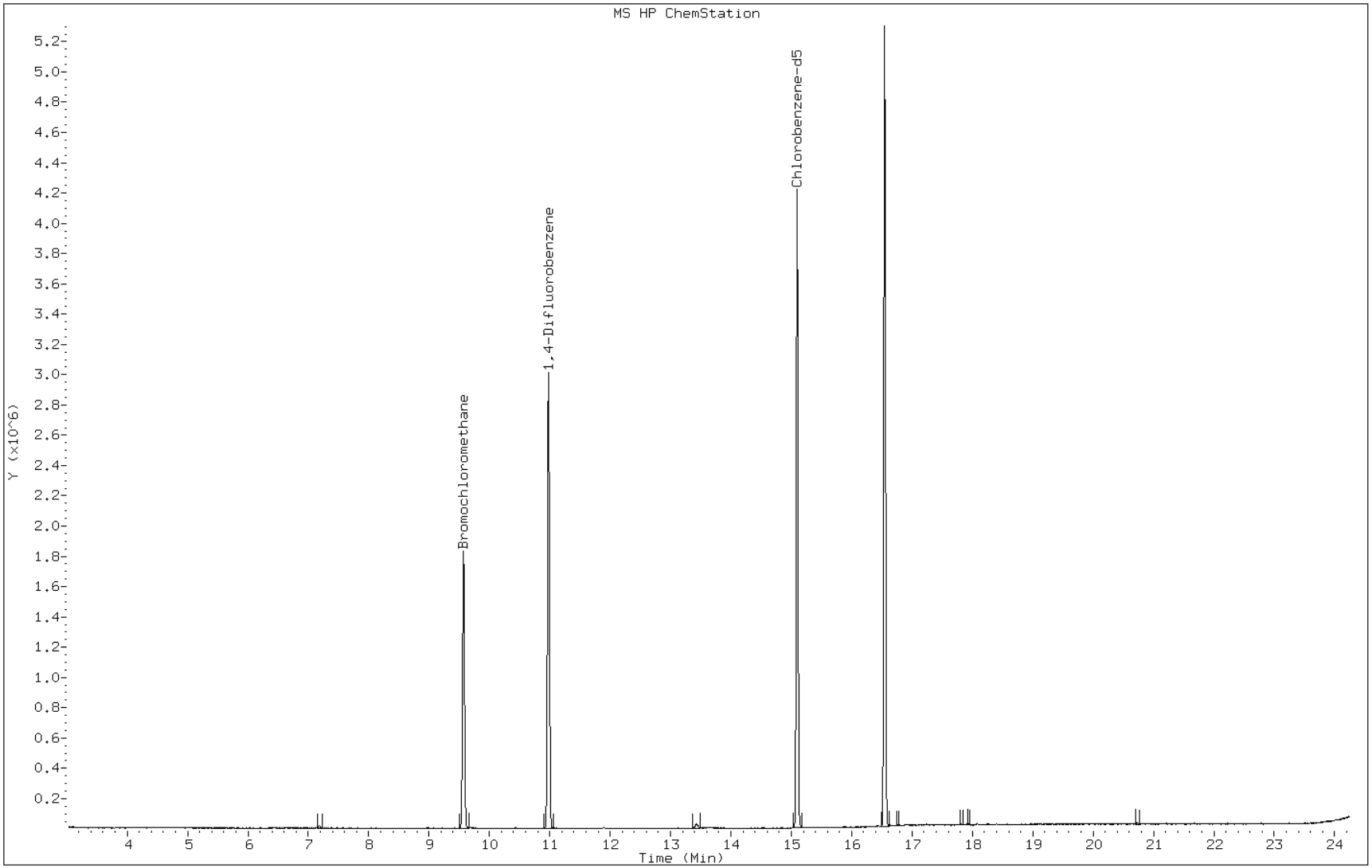
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.095	15.116	(1.000)	2791856	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

Data File: gfbw004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 05-NOV-2010 16:04
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-9159/3

Matrix: Air Lab File ID: gfbw003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 15:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.06		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.69		0.20	0.012
74-87-3	Chloromethane	50.49	9.91		0.50	0.021
75-01-4	Vinyl chloride	62.50	9.96		0.20	0.025
106-99-0	1,3-Butadiene	54.09	10.6		0.20	0.027
74-83-9	Bromomethane	94.94	10.1		0.20	0.014
75-00-3	Chloroethane	64.52	11.1		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.6		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	10.6		0.20	0.050
76-13-1	Freon TF	187.38	11.6		0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	11.4		0.20	0.015
67-64-1	Acetone	58.08	11.2		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	11.1		5.0	0.043
75-15-0	Carbon disulfide	76.14	11.0		0.50	0.050
107-05-1	3-Chloropropene	76.53	11.9		0.50	0.029
75-09-2	Methylene Chloride	84.93	12.4		0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	10.6		5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	11.1		0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	11.4		0.20	0.050
110-54-3	n-Hexane	86.17	11.8		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	11.8		0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	11.1		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	11.0		0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	22.4		0.20	0.10
67-66-3	Chloroform	119.38	11.4		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	12.2		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	11.0		0.20	0.050
110-82-7	Cyclohexane	84.16	11.1		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	10.8		0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	12.0		0.20	0.013
71-43-2	Benzene	78.11	10.6		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	11.4		0.20	0.015
142-82-5	n-Heptane	100.21	12.1		0.20	0.027
79-01-6	Trichloroethene	131.39	10.8		0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	11.4		0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-9159/3

Matrix: Air Lab File ID: gfbw003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 15:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	10.1		5.0	0.035
75-27-4	Bromodichloromethane	163.83	11.4		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	10.9		0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	12.3		0.50	0.064
108-88-3	Toluene	92.14	10.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	10.8		0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	10.4		0.20	0.050
127-18-4	Tetrachloroethene	165.83	9.14		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.9		0.50	0.028
124-48-1	Dibromochloromethane	208.29	10.7		0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	9.94		0.20	0.012
108-90-7	Chlorobenzene	112.30	9.68		0.20	0.050
100-41-4	Ethylbenzene	106.17	10.2		0.20	0.014
179601-23-1	m,p-Xylene	106.17	20.0		0.50	0.023
95-47-6	Xylene, o-	106.17	9.97		0.20	0.050
1330-20-7	Xylene (total)	106.17	29.9		0.20	0.15
100-42-5	Styrene	104.15	10.1		0.20	0.050
75-25-2	Bromoform	252.75	10.0		0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.6		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	10.5		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	10.3		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	10.7		0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	10.1		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	8.65		0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	8.52		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	8.61		0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	7.26		0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	8.82		0.20	0.022

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw003.d
Lab Smp Id: lcs 52749
Inj Date : 05-NOV-2010 15:13
Operator : wrd Inst ID: G.i
Smp Info : lcs 52749
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 15:05 wrd Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.101	3.101	(0.324)	267554	8.89917	8.9
2	Dichlorodifluoromethane	85	3.160	3.160	(0.330)	1523042	9.05638	9.1
3	Chlorodifluoromethane	51	3.197	3.192	(0.334)	709077	9.54805	9.5
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.384	3.384	(0.353)	1245669	9.68673	9.7
5	Chloromethane	50	3.513	3.513	(0.367)	301395	9.91465	9.9
6	Butane	43	3.689	3.689	(0.385)	482010	9.87997	9.9
7	Vinyl chloride	62	3.727	3.727	(0.389)	375850	9.96306	10
8	1,3-Butadiene	54	3.796	3.796	(0.396)	267273	10.5882	11
9	Bromomethane	94	4.470	4.476	(0.467)	518085	10.0728	10
10	Chloroethane	64	4.700	4.700	(0.491)	226865	11.1133	11
11	2-Methylbutane	43	4.770	4.775	(0.498)	486687	10.7117	11
12	Vinyl bromide	106	5.091	5.096	(0.531)	570194	10.6013	11
13	Trichlorofluoromethane	101	5.182	5.187	(0.541)	1882511	10.6444	11
14	Pentane	43	5.310	5.316	(0.554)	761825	11.1961	11

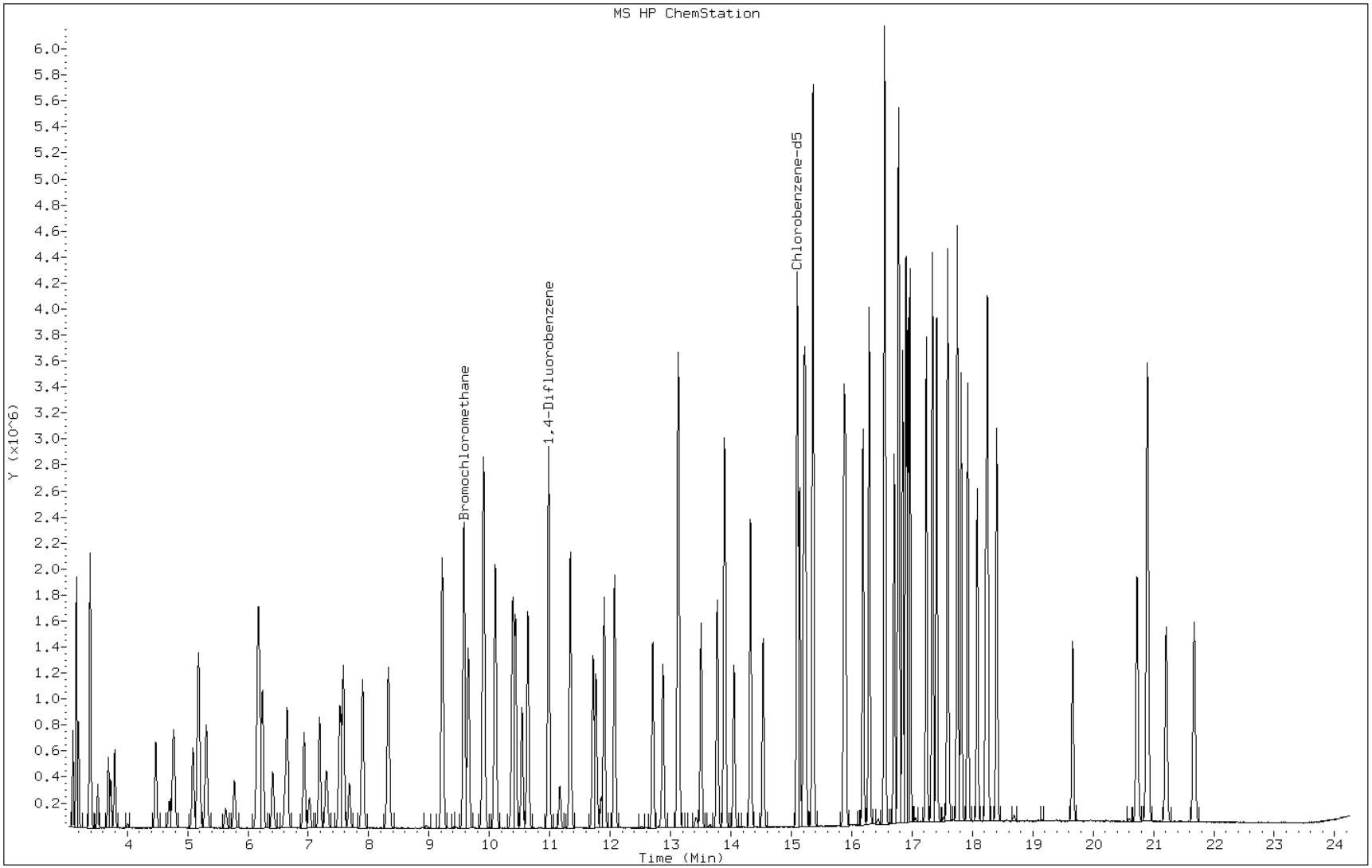
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.631	5.642	(0.588)	215296	14.3734	14
	16 Ethyl ether	59	5.776	5.781	(0.603)	298354	10.6947	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	1256097	11.5671	12
	18 Acrolein	56	6.140	6.150	(0.641)	123640	8.77440	8.8
	19 1,1-Dichloroethene	96	6.241	6.252	(0.652)	543813	11.4387	11
	20 Acetone	43	6.412	6.423	(0.669)	729503	11.2207	11
	21 Carbon disulfide	76	6.648	6.658	(0.694)	1576849	11.0483	11
	22 Isopropanol	45	6.610	6.621	(0.690)	494446	11.0657	11
	23 Allyl chloride	41	6.931	6.942	(0.724)	596603	11.9410	12
	24 Acetonitrile	41	7.022	7.033	(0.733)	287127	11.6778	12
	25 Methylene chloride	49	7.183	7.199	(0.750)	641968	12.3558	12
	26 Tert-butyl alcohol	59	7.300	7.311	(0.762)	780763	10.5671	11
	27 Methyl tert-butyl ether	73	7.525	7.541	(0.786)	1517907	11.1273	11
	28 1,2-Dichloroethene (trans)	61	7.579	7.589	(0.791)	855413	11.3837	11
	29 Acrylonitrile	53	7.680	7.696	(0.802)	314953	11.7223	12
	30 n-Hexane	57	7.900	7.910	(0.825)	747967	11.7685	12
	31 1,1-Dichloroethane	63	8.317	8.333	(0.868)	1045317	11.7899	12
	32 Vinyl acetate	43	8.338	8.354	(0.870)	1175197	11.9628	12
M	33 1,2-Dichloroethene,Total	61				1443004	22.3879	22
	34 1,2-Dichloroethene (cis)	96	9.210	9.226	(0.961)	587590	11.0042	11
	35 Ethyl acetate	88	9.232	9.248	(0.964)	35010	10.7966	11
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.962)	213380	11.0608	11(Q)
*	37 Bromochloromethane	128	9.579	9.595	(1.000)	601070	10.0000	(Q)
	38 Tetrahydrofuran	42	9.585	9.601	(0.873)	464606	12.1833	12
	39 Chloroform	83	9.649	9.665	(1.007)	1404184	11.3636	11
	40 Cyclohexane	84	9.906	9.916	(0.902)	695174	11.1493	11
	41 1,1,1-Trichloroethane	97	9.900	9.916	(0.902)	1570719	10.9631	11
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	1762344	10.8207	11
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	2451496	11.9957	12
	44 Benzene	78	10.435	10.451	(0.950)	1619336	10.6118	11
	45 1,2-Dichloroethane	62	10.542	10.558	(0.960)	1002458	11.3930	11
	46 n-Heptane	43	10.639	10.655	(0.969)	892795	12.0593	12
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2897735	10.0000	
	48 n-Butanol	56	11.174	11.184	(1.018)	210132	11.4767	11
	49 Trichloroethene	95	11.339	11.355	(1.033)	865037	10.7836	11
	50 1,2-Dichloropropane	63	11.719	11.735	(1.067)	563822	11.4184	11
	51 Methyl methacrylate	69	11.767	11.789	(1.072)	498827	11.4324	11
	52 Dibromomethane	174	11.901	11.922	(1.084)	792673	9.46963	9.5
	53 1,4-Dioxane	88	11.848	11.864	(1.079)	210494	10.0572	10
	54 Bromodichloromethane	83	12.072	12.094	(1.099)	1551138	11.4095	11
	55 1,3-Dichloropropene (cis)	75	12.709	12.725	(1.157)	980003	10.9281	11
	56 Methyl isobutyl ketone	43	12.869	12.891	(1.172)	1092622	12.3453	12
	57 n-Octane	43	13.121	13.137	(1.195)	1175800	11.8050	12
	58 Toluene	92	13.137	13.153	(0.870)	1123806	10.0806	10
	59 1,3-Dichloropropene (trans)	75	13.506	13.522	(1.230)	1054695	10.7600	11
	60 1,1,2-Trichloroethane	83	13.774	13.795	(0.912)	586852	10.4246	10
	61 Tetrachloroethene	166	13.897	13.913	(0.920)	1129332	9.13707	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	14.052	14.068	(0.931)	1043805	11.9462	12
	63 Dibromochloromethane	129	14.325	14.346	(0.949)	1573710	10.7250	11
	64 1,2-Dibromoethane	107	14.533	14.549	(0.962)	1168380	9.93940	9.9
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2826281	10.0000	
	66 Chlorobenzene	112	15.138	15.154	(1.002)	1574562	9.67570	9.7
	67 n-Nonane	57	15.234	15.250	(1.009)	1117963	11.5390	12
	68 Ethylbenzene	91	15.213	15.229	(1.007)	2578651	10.2238	10
	69 Xylene (m,p)	106	15.362	15.378	(1.017)	1912653	19.9700	20
M	70 Xylenes, Total	106				2869266	29.9360	30
	71 Xylene (o)	106	15.876	15.892	(1.051)	956613	9.96599	10
	72 Styrene	104	15.903	15.919	(1.053)	1438166	10.1094	10
	73 Bromoform	173	16.186	16.202	(1.072)	1572231	10.0046	10
	74 Isopropylbenzene	105	16.293	16.309	(1.079)	3012043	10.3897	10
	75 1,1,2,2-Tetrachloroethane	83	16.705	16.721	(1.106)	1492612	10.5693	11
	76 n-Propylbenzene	91	16.775	16.791	(1.111)	3510773	10.6803	11
	77 1,2,3-Trichloropropane	75	16.785	16.807	(1.112)	1214028	10.9344	11
	78 n-Decane	57	16.844	16.860	(1.115)	1378070	11.6714	12
	79 4-Ethyltoluene	105	16.903	16.914	(1.119)	3067146	10.5494	11
	80 2-Chlorotoluene	91	16.935	16.951	(1.122)	2942413	10.7217	11
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	2558358	10.2609	10
	82 Alpha Methyl Styrene	118	17.235	17.251	(1.141)	1208179	10.2642	10
	83 tert-butylbenzene	119	17.336	17.352	(1.148)	2480426	10.4566	10
	84 1,2,4-Trimethylbenzene	105	17.411	17.422	(1.153)	2498049	10.1223	10
	85 sec-Butylbenzene	105	17.593	17.609	(1.165)	3566240	10.4194	10
	86 4-Isopropyltoluene	119	17.748	17.764	(1.175)	3061820	10.2792	10
	87 1,3-Dichlorobenzene	146	17.813	17.828	(1.180)	1618214	8.65304	8.7
	88 1,4-Dichlorobenzene	146	17.925	17.941	(1.187)	1575033	8.52225	8.5
	89 Benzyl chloride	91	18.085	18.101	(1.198)	2205431	10.0446	10
	90 Undecane	57	18.219	18.235	(1.207)	844298	8.97556	9.0
	91 n-Butylbenzene	91	18.251	18.267	(1.209)	2700788	10.8029	11
	92 1,2-Dichlorobenzene	146	18.406	18.422	(1.219)	1533287	8.61396	8.6
	93 Dodecane	57	19.664	19.680	(1.302)	655093	11.1698	11
	94 1,2,4-Trichlorobenzene	180	20.734	20.755	(1.373)	953912	7.25609	7.3
	95 1,3-Hexachlorobutadiene	225	20.899	20.921	(1.384)	1210100	8.82196	8.8
	96 Naphthalene	128	21.215	21.236	(1.405)	1989368	8.42044	8.4
	97 1,2,3-Trichlorobenzene	180	21.675	21.702	(1.435)	847973	8.05912	8.1

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	gfbw003.d	Date:	05-NOV-2010 15:13
Client ID:		Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 52749		
Lab Sample ID:	lcs 52749		



GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	GFB	Start Date:	10/04/10 Time: 0003	ISTD Lot #:	27767	Instrument ID: G
Test Method:	TO15	End Date:	10/05/10 Time: 0003	CAL STD Lot #	see comments	Instrument: 5973
ICAL Date:	09/30/10			ICV / LCS Lot #	↓	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Nicholas J. Rosso			
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0003	GFB001	NA	BFB	NA	1	—		NA	✓	NJR	
0050	002	4632	VIBLK		1	200	SV		✓		
0137	003	2575	IC-1		2				✓		55034
0227	004	2964	IC-2		3				✓		083
0315	005	3152	IC-3		4				✓		017
0403	006	2706	ICIS-4		5				✓		~~007~~ 007
0452	007	2972	IC-5		6				✓		KLP 10/04/10 003
0540	008	3089	IC-6		7				✓		000
0930	009	3366	IC-7		8	200	NJR		✓		54999 ~~499~~
1019	010	4632	VIBLK		1						
1107	011	3725	NA	1	9			✓	✓		52752
1218	012	5069	ICV	1	10			✓	✓		AG 52753

NJR 10/01/10

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID: G-FBW	Start Date: 11/5/10	Time: 1322		ISTD Lot #:	27767	Instrument ID: G
Test Method: TO15	End Date: 11/6/10	Time: 1322		CAL STD Lot #	21057	Instrument: 5973
ICAL Date: 10/1/10				ICV / LCS Lot #	52249	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1322	G-FBW 001	NA	BFB	NA	1		WND	NA	✓	WND	
1424	02	3510	CCV		1	200		—	✓	SV	AG
1513	03	3142	LCS		2	〃		✓	✓	〃	AG
1604	04	4983	MB		3	〃		✓	✓	〃	
1653	05	Bag	2350-1	33.3	4	120		✓	✓	SV	1:20 dil
1741	06	2907	2310-6	2	5	100		✓	✓	〃	DL
1830	07	2977	〃	2	5	100		✓	✓	〃	A (Duplicate)
1918	08	3688	2300-8	1	6	200		✓	✓	〃	1L ind cart
2007	09	4349	2308-1	5	7	40		✓	✓	SV	TO15 TICs
2055	10	2669	-2	1	8	200		✓	↑	〃	Acetone R 1:5
2144	11	5108	-3		9	〃		✓	↑	NJV	Ace 73 R 1:3
2232	12	3272	-4	1	10	〃		✓	↑	〃	Ace 75 ↓
2321	13	3460	13882-1	1	11	200		✓	✓	〃	C
0009	14	4343	-2	2	12	100		✓	✓	〃	R1:1
0058	15	4304	-3	1	13	200		✓	✓	〃	C
0147	16	5138	-4	1	14	200		✓	✓	〃	C
0235	17	4014	-5	2	15	100		✓	✓	〃	C High IC
0324	18	3336	-6	1	16	200		✓	✓	〃	C
0413	19	5142	-7	〃	1	〃		✓	✓	〃	C
0501	20	4778	-8	〃	2	〃		✓	✓	〃	C
0550	21	4461	-9	〃	3	〃		✓	✓	〃	C
0686	22	2669	2308-2	5	8	40	SV	✓	✓	〃	"DL" C
0731	23	2596	2347-2	0.2	4	1000	SV	✓	↑	〃	RA
0823	24	2986	2329-10	0.2	5	1	〃	✓	✓	〃	
0940	25	5106	2308-03	2.67	9	75	NJV	✓	✓	NJV	"DL" C
1029	26	3272	2308-04	2.67	10	75	〃	✓	✓	〃	"DL" C
1117	27	4343	13882-62	.1	12	200	〃	✓	✓	〃	✓

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	GFBW	Start Date:	11/04/10 Time: 1322	ISTD Lot #: See pg 76	Instrument ID: G
Test Method:	TO15	End Date:	11/05/10 Time: 1322	CAL STD Lot #	Instrument: 5973
ICAL Date:	10/01/10			ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1210	GFBW028	2596	2347-02	0.2	4	1000	NJK	✓	✓	NJK	~~Reclean~~ NJK 11/07/10
1258	↓ 029	3308	2348	↓ 1	6	200	↓	✓	✓	NJK	C

NJK 11/8/10

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Start Date: 10/01/2010 00:03

Analysis Batch Number: 7345 End Date: 10/01/2010 12:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-7345/1		10/01/2010 00:03	1	gfb001.d	RTX-624 0.32(mm)
VIBLK 200-7345/2		10/01/2010 00:50	1		RTX-624 0.32(mm)
IC 200-7345/3		10/01/2010 01:39	1	gfb003.d	RTX-624 0.32(mm)
IC 200-7345/4		10/01/2010 02:27	1	gfb004.d	RTX-624 0.32(mm)
IC 200-7345/5		10/01/2010 03:15	1	gfb005.d	RTX-624 0.32(mm)
ICIS 200-7345/6		10/01/2010 04:03	1	gfb006.d	RTX-624 0.32(mm)
IC 200-7345/7		10/01/2010 04:52	1	gfb007.d	RTX-624 0.32(mm)
IC 200-7345/8		10/01/2010 05:40	1	gfb008.d	RTX-624 0.32(mm)
IC 200-7345/9		10/01/2010 09:30	1	gfb009.d	RTX-624 0.32(mm)
VIBLK 200-7345/10		10/01/2010 10:19	1		RTX-624 0.32(mm)
ZZZZZ		10/01/2010 11:07	1		RTX-624 0.32(mm)
ICV 200-7345/12		10/01/2010 12:18	1	gfb012.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Start Date: 11/05/2010 13:22

Analysis Batch Number: 9159 End Date: 11/06/2010 12:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-9159/1		11/05/2010 13:22	1	gfbw001.d	RTX-624 0.32(mm)
CCVIS 200-9159/2		11/05/2010 14:24	1	gfbw002.d	RTX-624 0.32(mm)
LCS 200-9159/3		11/05/2010 15:13	1	gfbw003.d	RTX-624 0.32(mm)
MB 200-9159/4		11/05/2010 16:04	1	gfbw004.d	RTX-624 0.32(mm)
ZZZZZ		11/05/2010 16:53	33.3		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 17:41	2		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 18:30	2		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 19:18	1		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 20:07	5		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 20:55	1		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 21:44	1		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 22:32	1		RTX-624 0.32(mm)
220-13862-1	CE-AA	11/05/2010 23:21	1	gfbw013.d	RTX-624 0.32(mm)
ZZZZZ		11/06/2010 00:09	2		RTX-624 0.32(mm)
220-13862-3	CE-VAPOR-2	11/06/2010 00:58	1	gfbw015.d	RTX-624 0.32(mm)
220-13862-4	CE-VAPOR-3	11/06/2010 01:47	1	gfbw016.d	RTX-624 0.32(mm)
220-13862-5	CE-VAPOR-4	11/06/2010 02:35	2	gfbw017.d	RTX-624 0.32(mm)
220-13862-6	CE-VAPOR-5	11/06/2010 03:24	1	gfbw018.d	RTX-624 0.32(mm)
220-13862-7	CE-VAPOR-6	11/06/2010 04:13	1	gfbw019.d	RTX-624 0.32(mm)
220-13862-8	CE-VAPOR-7	11/06/2010 05:01	1	gfbw020.d	RTX-624 0.32(mm)
220-13862-9	CE-VAPOR-8	11/06/2010 05:50	1	gfbw021.d	RTX-624 0.32(mm)
ZZZZZ		11/06/2010 06:38	5		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 07:31	0.2		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 08:23	0.2		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 09:40	2.67		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 10:29	2.67		RTX-624 0.32(mm)
220-13862-2	CE-VAPOR-1	11/06/2010 11:17	1	gfbw027.d	RTX-624 0.32(mm)
ZZZZZ		11/06/2010 12:10	0.2		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 12:58	1		RTX-624 0.32(mm)

Shipping and Receiving Documents

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

Canister Samples Chain of Custody Record

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

13862

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Gres	1 of 2 COCs
Company: AKRF, Inc.	Phone: (646) 388-9525		
Address: 440 Park Ave South - 7th flor	Email: Kbrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Gres		
FAX: 212-726-0942	TA Contact: Erin Arasate		
Project Name: CE Flushing (Flushing Industrial Park)	Analysis Turnaround Time		
Site: 40th Road and College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-AA (1)	10/29/10	1336	1406	-29	-4	4591	3460	X							X			
CE-VAPOR-1 (2)	10/29/10	1421	1451	-29	-4	4701	4343	X								X		
CE-VAPOR-2 (3)	10/29/10	1422	1452	-30	-6	4585	4304	X								X		
CE-VAPOR-3 (4)	10/29/10	1422	1452	-30	-6	4597	5138	X								X		
CE-VAPOR-4 (5)	10/29/10	1423	1453	-28	-3	4679	4014	X								X		
CE-VAPOR-5 (6)	10/29/10	1333	1403	-29	-1	4608	3336	X								X		

Temperature (Fahrenheit)	Interior	Ambient
Start	52°	52°
Stop	52°	52°

Pressure (inches of Hg)	Interior	Ambient
Start	29.57	29.57
Stop	29.57	29.57

Special Instructions/QC Requirements & Comments:

CE-AA = Ambient Air
CE-VAPOR-1 to CE-VAPOR-5 = Soil Gas (SSDS)

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by: Steve Gres	Date/Time: 10/29/10 - 1700hrs	Received by: Albert Gramaty	11/1/10 0949
Relinquished by: Albert Gramaty	Date/Time: 11/1/10 1514	Received by: [illegible]	

PASSED RAD SCREEN

Lab Use Only: Shipper Name: Opened by: Condition:

11/16/2010

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

Canister Samples Chain of Custody Record

13862

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

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Gras	2 of 2 COCs
Company: AKRF, Inc.	Phone: (646) 388-9525		
Address: 440 Park Ave. South - 7th floor	Email: kbrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Gras		
FAX: 212-726-0942	TA Contact: Erin Avasate		
Project Name: CE Flushing (Flushing Ind. Park)	**Analysis Turnaround Time**		
Site: 40th Road & College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-6 (7)	10/29/10	1332	1402	-30	-1	4624	5142	X									X		
CE-VAPOR-7 (8)	10/29/10	1332	1402	-30	-1	4683	4778	X									X		
CE-VAPOR-8 (9)	10/29/10	1331	1401	-29.5	-1	4590	4461	X									X		

Temperature (Fahrenheit)			
	Interior	Ambient	
Start		52°	
Stop		52°	

Pressure (Inches of Hg)			
	Interior	Ambient	
Start		29.57	
Stop		29.57	

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by:	Date/Time: 10/29/10 1700 hrs.	Received by:	11/1/10 0944
Relinquished by:	Date/Time: 11/1/10 1514	Received by:	PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

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

Canister Samples Chain of Custody Record

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

13862

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Gres	1 of 2 COCs
Company: AKRF, Inc.	Phone: (646)-388-9525		
Address: 440 Park Ave South - 7th flor	Email: Kbrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Gres		
FAX: 212-726-0942	TA Contact: Erin Avasate		
Project Name: CE Flushing (Flushing Industrial Park)	Analysis Turnaround Time		
Site: 40th Road and College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-AA (1)	10/29/10	1336	1406	-29	-4	4591	3460	X								X	X	X	
CE-VAPOR-1 (2)	10/29/10	1421	1451	-29	-4	4701	4343	X									X		
CE-VAPOR-2 (3)	10/29/10	1422	1452	-30	-6	4585	4304	X									X		
CE-VAPOR-3 (4)	10/29/10	1422	1452	-30	-6	4597	5138	X									X		
CE-VAPOR-4 (5)	10/29/10	1423	1453	-28	-3	4679	4014	X									X		
CE-VAPOR-5 (6)	10/29/10	1333	1403	-29	-1	4608	3336	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	52°	52°
Stop	52°	52°

Pressure (inches of Hg)	Interior	Ambient
Start	29.57	29.57
Stop	29.57	29.57

Special Instructions/QC Requirements & Comments:
CE-AA = Ambient Air
CE-VAPOR-1 to CE-VAPOR-5 = Soil Gas (SSDS)

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by: Steve Gres	Date/Time: 10/29/10 - 1700hrs	Received by: Albert Arametty	11/1/10 0944
Relinquished by: Albert Arametty	Date/Time: 11/1/10 1514	Received by: Block	

PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

11/16/2010

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

Canister Samples Chain of Custody Record

13862

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

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Gres	2 of 2 COCs
Company: AKRF, Inc.	Phone: (646) 388-9525		
Address: 440 Park Ave South - 7th flr	Email: kbrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Gres		
FAX: 212-726-0942	TA Contact: Erin Arasate		
Project Name: CE Flushing (Flushing Ind. Park)	**Analysis Turnaround Time**		
Site: 40th Road & College Point Blvd.	Standard (Specify) Standard		
PO # 30141-0116 Flushing, NY	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-6 (7)	10/29/10	1332	1402	-30	-1	4624	5142	X									X		
CE-VAPOR-7 (8)	10/29/10	1332	1402	-30	-1	4683	4778	X									X		
CE-VAPOR-8 (9)	10/29/10	1331	1401	-29.5	-1	4590	4461	X									X		

Temperature (Fahrenheit)	Interior	Ambient	
Start		52°	
Stop		52°	

Pressure (inches of Hg)	Interior	Ambient	
Start		29.57	
Stop		29.57	

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by:	Date/Time: 10/29/10 1700 hrs.	Received by:	11/1/10 0944
Relinquished by:	Date/Time: 11/1/10 1514	Received by:	PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-13862-1

Login Number: 13862
List Source: TestAmerica Connecticut
Creator: Blocker, Kristina
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-13862-1

Login Number: 13862
List Source: TestAmerica Burlington
Creator: Keeton, Jamie
List Creation: 11/03/10 02:19 PM
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	False	SEE NCM
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Duhancik, Jill M	Carrier Tracking No(s):	COC No: 220-6669.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jill.duhancik@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 220-13862-1
Address: 30 Community Drive, Suite 11,	Due Date Requested: 11/16/2010			
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel)	PO #:			
Email:	WO #:			
Project Name: 30141-0116 CE Flushing Industrial Park A	Project #: 22003387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TO15/Air_Summa_Can TO15all.sub	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CE-AA	10/29/10	14:06 Eastern		Air			X	1	
CE-VAPOR-1	10/29/10	14:51 Eastern		Air			X	1	
CE-VAPOR-2	10/29/10	14:52 Eastern		Air			X	1	
CE-VAPOR-3	10/29/10	14:52 Eastern		Air			X	1	
CE-VAPOR-4	10/29/10	14:53 Eastern		Air			X	1	
CE-VAPOR-5	10/29/10	14:03 Eastern		Air			X	1	
CE-VAPOR-6	10/29/10	14:02 Eastern		Air			X	1	
CE-VAPOR-7	10/29/10	14:02 Eastern		Air			X	1	
CE-VAPOR-8	10/29/10	14:01 Eastern		Air			X	1	

Page 381 of 385

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
11/16/2010		11.2.10 1700			11/3/10 1000	TA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A | Cooler Temperature(s) °C and Other Remarks: Air

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

Canister Samples Chain of Custody Record

13862

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

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Green	1 of 2 COCs
Company: AKRF, Inc	Phone: (646) 388-9525		
Address: 440 Park Ave South - 7th flr	Email: KBrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Green		
FAX: 212-726-0942	TA Contact: Erin Aversate		
Project Name: CE Flushing (Flushing Industrial Park)	**Analysis Turnaround Time**		
Site: 40th Road and College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-AA (1)	10/29/10	1336	1406	-29	-4	4591	3460	X							X	X	X	
CE-VAPOR-1 (2)	10/29/10	1421	1451	-29	-4	4701	4343	X								X		
CE-VAPOR-2 (3)	10/29/10	1422	1452	-30	-6	4585	4304	X								X		
CE-VAPOR-3 (4)	10/29/10	1422	1452	-30	-6	4597	5138	X								X		
CE-VAPOR-4 (5)	10/29/10	1423	1453	-28	-3	4679	4014	X								X		
CE-VAPOR-5 (6)	10/29/10	1333	1403	-29	-1	4608	3336	X								X		

Temperature (Fahrenheit)	Interior	Ambient
Start	52°	52°
Stop	52°	52°

Pressure (Inches of Hg)	Interior	Ambient
Start	29.57	29.57
Stop	29.57	29.57

Special Instructions/QC Requirements & Comments:

CE-AA = Ambient Air
CE-VAPOR-1 to CE-VAPOR-5 = Soil Gas (SSDS)

Samples Shipped by:	Date/Time:	Samples Received by: 11/3/10 1000
Samples Relinquished by: Steve Green	Date/Time: 10/29/10 - 1700hrs	Received by: 11/1/10 0949
Relinquished by:	Date/Time: 11/1/10 1514	Received by:

PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

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

Canister Samples Chain of Custody Record

13862

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

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Greis	2 of 2 COCs
Company: AKRF, Inc.	Phone: (646) 388-9525		
Address: 440 Park Ave. South - 7th floor	Email: kbrunner@akrfcorp.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Greis		
FAX: 212-726-0942	TA Contact: Erin Amsatis		
Project Name: CE Flushing (Flushing Int. Park)	Analysis Turnaround Time		
Site: 110th Road & College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141.0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1945	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-6 (7)	10/29/10	1332	1402	-30	-1	4624	5142	X									X		
CE-VAPOR-7 (8)	10/29/10	1332	1402	-30	-1	4683	4778	X									X		
CE-VAPOR-8 (9)	10/29/10	1331	1401	-29.5	-1	4590	4461	X									X		

	Temperature (Fahrenheit)		
	Interior	Ambient	
Start		52°	
Stop		52°	

	Pressure (inches of Hg)		
	Interior	Ambient	
Start		29.57	
Stop		29.57	

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by:	Date/Time: 10/29/10 1700 hrs.	Received by:	11/1/10 0944
Relinquished by:	Date/Time: 11/1/10 1514	Received by	11/3/10 1000

PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
AKRF	220-13862	11/4/10	0915	29.6	22	G5	WNJ

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	3460	0.0		4591	Y	3323 FDUG	200 ml/min
2	4343	-3.2		4701		3282 GFBD	
3	4304	0.5		4585		3323 FDUG	gauge off +8
4	5138	-3.5		4597			
5	4014	-2.7		4679			
6	3336	-2.5		4608		5044 GFBG	
7	5142	-2.3		4624		3323 FDUG	
8	4778	-1.7		4683		5044 GFBG	
9	4461	-2.9		4590		3282 GFBD	

11/4/10

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # _____

Burlington Facility
Internal Chain of Custody Log (ICOC)

Project Information:	
Login # 220-13862	Method: TO15
Client STL-CTS	LAB IDs: 220-13862-1 thru 220-13862-9

Samples associated with this login were placed into storage on 11/3/10 (Date) 1440 (Time[2]) by: _____ *Sample Custodian Signature*

Storage Location: AIR STORAGE *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: __ Refrigeration __ Frozen ✓ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		1-9	~~11/5/10~~ 11/4/10	0912	✓					
✓		1-9	11/4/10	0950		✓				
✓		1-3	11/4/10	2000			✓			
✓		1-9	11/5/10	1620		✓				
✓		11	11/6/10	1400			✓			

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

TestAmerica
South Burlington, VT

Sample Data Summary Package

NY137572

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 24, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave. South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137572

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on June 3rd, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 06/03/10 ETR No: 137572		
831824	CE-VAPOR-1	06/01/10	AIR
831825	CE-VAPOR-2	06/01/10	AIR
831826	CE-VAPOR-3	06/01/10	AIR
831827	CE-VAPOR-4	06/01/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831824

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0		2.0	8.2		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Lab Sample No.: 831824

Dilution Factor: 10.00

Date Analyzed: 06/09/10

Sample Matrix: AIR

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	3.3		2.0	14		8.7
Xylenes, Total	1330-20-7	3.3		2.0	14		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.7		2.0	18		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Lab Sample No.: 831825

Dilution Factor: 10.00

Date Analyzed: 06/09/10

Sample Matrix: AIR

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	4.6		2.0	21		9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	5.2		2.0	21		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831825

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.1		2.0	9.1		8.7
Xylenes, Total	1330-20-7	2.1		2.0	9.1		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.9		2.0	14		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Lab Sample No.: 831826

Dilution Factor: 10.00

Date Analyzed: 06/09/10

Sample Matrix: AIR

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831826

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.9		2.0	13		8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	6.3		2.0	27		8.7
Xylenes, Total	1330-20-7	6.3		2.0	27		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.4		2.0	17		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	3.7		2.0	15		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	6.6		2.0	29		8.7
Xylene (m,p)	1330-20-7	6.9		4.0	30		17
Xylene (o)	95-47-6	15		2.0	65		8.7
Xylenes, Total	1330-20-7	22		2.0	96		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	7.1		2.0	35		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	10		0.50	49		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.8		0.20	69		1.4
Chloromethane	74-87-3	7.6		0.50	16		1.0
Vinyl Chloride	75-01-4	8.3		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.0		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	8.8		5.0	27		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.1		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.6		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.6		0.20	40		0.93
Benzene	71-43-2	9.4		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.7		0.20	39		0.81
n-Heptane	142-82-5	7.9		0.20	32		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.6		0.20	40		0.92
1,4-Dioxane	123-91-1	8.8		5.0	32		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.3		0.20	42		0.91
Methyl Isobutyl Ketone	108-10-1	8.3		0.50	34		2.0
Toluene	108-88-3	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.6		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	10		0.20	68		1.4
Methyl Butyl Ketone	591-78-6	8.2		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.9		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.6		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.5		0.20	40		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.3		0.20	64		1.4
4-Ethyltoluene	622-96-8	10		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	9.9		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	10		0.20	60		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. O. (MATT OLESKE)	1 of 1 COCs
Company: AKRF INC.	Phone: 646.388.9525		
Address: 440 PARK AVE SOUTH 7TH FLOOR	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARESATE		
Project Name: CE FLUSHING	**Analysis Turnaround Time**		
Site: 40-22 College Pt. Blvd. Flushing, NY	Standard (Specify) X		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-1	6/1/2010	11:06	11:36	-30	-6	4631	2730	X									X		
CE-VAPOR-2	6/1/2010	11:07	11:37	~~-31~~ -30	-12	4606	4545	X									X		
CE-VAPOR-3	6/1/2010	11:06	11:36	~~-28~~ -31	-4	4612	4211	X									X		
CE-VAPOR-4	6/1/2010	11:04	11:34	~~-31~~ -28	-4	4591	3160	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86.0	89.2
Stop	86.6	89.5

Pressure (inches of Hg)	Interior	Ambient
Start	29.78	29.78
Stop	29.78	29.78

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 6/1/2010 19:45	Samples Received by: 1311025
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	3.3	
1330-20-7	Xylenes, Total	3.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.7	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	4.6	
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	5.2	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.1	
1330-20-7	Xylenes, Total	2.1	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.9	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.9	
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	6.3	
1330-20-7	Xylenes, Total	6.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.4	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	3.7	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	6.6	
1330-20-7	Xylene (m,p)	6.9	
95-47-6	Xylene (o)	15	
1330-20-7	Xylenes, Total	22	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	7.1	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	10	
76-14-2	1,2-Dichlorotetrafluoroethan	9.8	
74-87-3	Chloromethane	7.6	
75-01-4	Vinyl Chloride	8.3	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.0	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	8.8	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.1	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.6	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.6	
71-43-2	Benzene	9.4	
107-06-2	1,2-Dichloroethane	9.7	
142-82-5	n-Heptane	7.9	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.6	
123-91-1	1,4-Dioxane	8.8	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.3	
108-10-1	Methyl Isobutyl Ketone	8.3	
108-88-3	Toluene	9.5	
10061-02-6	trans-1,3-Dichloropropene	9.6	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	10	
591-78-6	Methyl Butyl Ketone	8.2	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.6	
100-41-4	Ethylbenzene	9.9	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.6	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.5	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.3	
622-96-8	4-Ethyltoluene	10	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	9.9	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		10	100	70-130
1,2-Dichlorotetrafluoro	10		9.8	98	70-130
Chloromethane	10		7.6	76	70-130
Vinyl Chloride	10		8.3	83	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.0	80	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		8.8	88	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.1	91	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.6	96	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.6	86	70-130
Benzene	10		9.4	94	70-130
1,2-Dichloroethane	10		9.7	97	70-130
n-Heptane	10		7.9	79	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.6	86	70-130
1,4-Dioxane	10		8.8	88	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.3	93	70-130
Methyl Isobutyl Ketone	10		8.3	83	70-130
Toluene	10		9.5	95	70-130
trans-1,3-Dichloroprope	10		9.6	96	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		10	100	70-130
Methyl Butyl Ketone	10		8.2	82	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.6	96	70-130
Ethylbenzene	10		9.9	99	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.6	96	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.5	95	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.3	93	70-130
4-Ethyltoluene	10		10	100	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		10	100	70-130
1,2,4-Trimethylbenzene	10		9.9	99	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		10	100	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDNB01AS Lab Sample ID: MBLK060910FA

Date Analyzed: 06/09/10 Time Analyzed: 1334

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060910LCS	FA060910LCS	FDN10ASQ	1243
02	CE-VAPOR-1	831824	831824D	1817
03	CE-VAPOR-2	831825	831825D	1907
04	CE-VAPOR-3	831826	831826D	1958
05	CE-VAPOR-4	831827	831827D	2049
06				
07				
08				
09				
10				
11				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN46PV BFB Injection Date: 06/09/10

Instrument ID: F BFB Injection Time: 0942

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.7
75	30.0 - 66.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	84.2
175	4.0 - 9.0% of mass 174	5.8 (6.9)1
176	93.0 - 101.0% of mass 174	80.8 (96.0)1
177	5.0 - 9.0% of mass 176	5.3 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN1ASV2	06/09/10	1152
02	FA060910LCS	FA060910LCS	FDN10ASQ	06/09/10	1243
03	MBLK060910FA	MBLK060910FA	FDNB01AS	06/09/10	1334
04	CE-VAPOR-1	831824	831824D	06/09/10	1817
05	CE-VAPOR-2	831825	831825D	06/09/10	1907
06	CE-VAPOR-3	831826	831826D	06/09/10	1958
07	CE-VAPOR-4	831827	831827D	06/09/10	2049
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
Dichlorodifluoromethane		2.339	2.320	2.300	2.118			
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234			
Chloromethane		0.773	0.723	0.716	0.657			
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882			
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668			
Bromomethane	1.089	1.072	1.040	1.018	1.009			
Chloroethane		0.591	0.571	0.565	0.547			
Bromoethene	1.101	1.096	1.068	1.051	1.054			
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766			
Freon TF	2.049	2.077	2.023	2.000	2.018			
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957			
Acetone			1.786	1.844	1.638			
Isopropyl Alcohol			1.362	1.316	1.279			
Carbon disulfide		3.110	3.157	3.096	3.102			
3-Chloropropene	1.307	1.316	1.372	1.370	1.316			
Methylene chloride		1.375	1.221	1.195	1.150			
tert-Butyl Alcohol			2.012	1.964	1.944			
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146			
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661			
n-Hexane	1.885	1.828	1.827	1.773	1.750			
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008			*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560			
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149			
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405			
Chloroform	2.426	2.346	2.363	2.327	2.300			
Tetrahydrofuran			0.256	0.254	0.248			
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496			
Cyclohexane	0.319	0.310	0.321	0.317	0.325			
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531			
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123			
Benzene	0.743	0.719	0.702	0.688	0.700			
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325			
n-Heptane	0.449	0.443	0.427	0.421	0.411			
Trichloroethene	0.322	0.314	0.315	0.313	0.319			
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265			
1,4-Dioxane			0.106	0.103	0.105			
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424		
Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530		
Toluene	0.562	0.536	0.532	0.532	0.561		
trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447		
1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272		
Tetrachloroethene	0.466	0.451	0.447	0.450	0.486		
Methyl Butyl Ketone		0.496	0.531	0.538	0.543		
Dibromochloromethane	0.506	0.498	0.544	0.562	0.600		
1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522		
Chlorobenzene *	0.766	0.749	0.735	0.741	0.779		*
Ethylbenzene	1.234	1.192	1.176	1.182	1.220		
Xylene (m,p)	0.488	0.481	0.478	0.487	0.506		
Xylene (o)	0.456	0.463	0.468	0.479	0.499		
Xylenes, Total	0.456	0.463	0.468	0.479	0.499		
Styrene	0.716	0.691	0.732	0.752	0.792		
Bromoform	0.472	0.477	0.576	0.606	0.656		
1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729		
4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460		
1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213		
2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309		
1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224		
1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876		
1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877		
1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823		
1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720		
Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642		

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

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

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.588	0.01	20.0	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.543	0.01	10.8	30.0
Chloromethane	0.680	0.603	0.01	11.3	30.0
Vinyl Chloride	0.888	0.828	0.01	6.8	30.0
1,3-Butadiene	0.687	0.616	0.01	10.3	30.0
Bromomethane	1.021	1.108	0.01	8.5	30.0
Chloroethane	0.550	0.523	0.01	4.9	30.0
Bromoethene	1.056	1.121	0.01	6.2	30.0
Trichlorofluoromethane	2.806	3.370	0.01	20.1	30.0
Freon TF	2.013	2.165	0.01	7.6	30.0
1,1-Dichloroethene	0.964	0.998	0.01	3.5	30.0
Acetone	1.664	1.717	0.01	3.2	30.0
Isopropyl Alcohol	1.277	1.198	0.01	6.2	30.0
Carbon disulfide	3.069	3.177	0.01	3.5	30.0
3-Chloropropene	1.312	1.193	0.01	9.1	30.0
Methylene chloride	1.185	1.092	0.01	7.8	30.0
tert-Butyl Alcohol	1.933	1.962	0.01	1.5	30.0
Methyl tert-Butyl Ether	3.135	3.240	0.01	3.3	30.0
trans-1,2-Dichloroethene	1.669	1.658	0.01	0.6	30.0
n-Hexane	1.768	1.619	0.01	8.4	30.0
1,1-Dichloroethane	2.015	1.990	0.1	1.2	30.0
Methyl Ethyl Ketone	0.550	0.533	0.01	3.1	30.0
cis-1,2-Dichloroethene	1.145	1.142	0.01	0.3	30.0
1,2-Dichloroethene,Total	1.407	1.400	0.01	0.5	30.0
Chloroform	2.310	2.504	0.01	8.4	30.0
Tetrahydrofuran	0.246	0.217	0.01	11.8	30.0
1,1,1-Trichloroethane	0.492	0.569	0.01	15.6	30.0
Cyclohexane	0.318	0.307	0.01	3.4	30.0
Carbon tetrachloride	0.521	0.607	0.01	16.5	30.0
2,2,4-Trimethylpentane	1.120	1.035	0.01	7.6	30.0
Benzene	0.702	0.683	0.01	2.7	30.0
1,2-Dichloroethane	0.326	0.342	0.01	4.9	30.0
n-Heptane	0.418	0.363	0.01	13.2	30.0
Trichloroethene	0.316	0.329	0.01	4.1	30.0
1,2-Dichloropropane	0.263	0.248	0.01	5.7	30.0
1,4-Dioxane	0.103	0.101	0.01	1.9	30.0
Bromodichloromethane	0.519	0.574	0.01	10.6	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.412	0.01	0.2	30.0
Methyl Isobutyl Ketone	0.519	0.476	0.01	8.3	30.0
Toluene	0.542	0.531	0.01	2.0	30.0
trans-1,3-Dichloropropene	0.434	0.451	0.01	3.9	30.0
1,1,2-Trichloroethane	0.268	0.266	0.01	0.7	30.0
Tetrachloroethene	0.473	0.474	0.01	0.2	30.0
Methyl Butyl Ketone	0.526	0.478	0.01	9.1	30.0
Dibromochloromethane	0.562	0.614	0.01	9.2	30.0
1,2-Dibromoethane	0.504	0.527	0.01	4.6	30.0
Chlorobenzene	0.763	0.741	0.3	2.9	30.0
Ethylbenzene	1.189	1.225	0.01	3.0	30.0
Xylene (m,p)	0.484	0.480	0.01	0.8	30.0
Xylene (o)	0.477	0.473	0.01	0.8	30.0
Xylenes, Total	0.477	0.473	0.01	0.8	30.0
Styrene	0.747	0.734	0.01	1.7	30.0
Bromoform	0.590	0.679	0.01	15.1	30.0
1,1,2,2-Tetrachloroethane	0.708	0.730	0.01	3.1	30.0
4-Ethyltoluene	1.409	1.472	0.01	4.5	30.0
1,3,5-Trimethylbenzene	1.163	1.233	0.01	6.0	30.0
2-Chlorotoluene	1.274	1.371	0.01	7.6	30.0
1,2,4-Trimethylbenzene	1.178	1.245	0.01	5.7	30.0
1,3-Dichlorobenzene	0.841	0.883	0.01	5.0	30.0
1,4-Dichlorobenzene	0.838	0.888	0.01	6.0	30.0
1,2-Dichlorobenzene	0.792	0.852	0.01	7.6	30.0
1,2,4-Trichlorobenzene	0.686	0.713	0.01	3.9	30.0
Hexachlorobutadiene	0.617	0.705	0.01	14.3	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID (Standard): FDN1ASV2 Date Analyzed: 06/09/10

Instrument ID: F Time Analyzed: 1152

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	385677	9.59	1880491	10.98	1827895	15.09
	UPPER LIMIT	539948	9.92	2632687	11.31	2559053	15.42
	LOWER LIMIT	231406	9.26	1128295	10.65	1096737	14.76
	CLIENT SAMPLE NO.						
01	FA060910LCS	443752	9.60	2139957	10.99	2055673	15.09
02	MBLK060910FA	460219	9.59	2251786	10.98	2065870	15.09
03	CE-VAPOR-1	363919	9.59	1804176	10.98	1740937	15.09
04	CE-VAPOR-2	441695	9.59	2146033	10.98	2040032	15.09
05	CE-VAPOR-3	472881	9.59	2258252	10.98	2107067	15.09
06	CE-VAPOR-4	471363	9.59	2265109	10.98	2133409	15.09
07							
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

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

TestAmerica
South Burlington, VT

Extended Data Package

NY137572

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 24, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave. South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137572

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on June 3rd, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 06/03/10 ETR No: 137572		
831824	CE-VAPOR-1	06/01/10	AIR
831825	CE-VAPOR-2	06/01/10	AIR
831826	CE-VAPOR-3	06/01/10	AIR
831827	CE-VAPOR-4	06/01/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

Chain of Custody **14**

QC Summary TO-15 Volatile **16**

Supportive Documentation TO-15 Volatile **24**

Standards TO-15 Volatile **64**

Raw QC Data TO-15 Volatile **111**

Sample Preparation TO-15 Volatile **130**

Sample Handling **136**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831824

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0		2.0	8.2		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831824

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	3.3		2.0	14		8.7
Xylenes, Total	1330-20-7	3.3		2.0	14		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.7		2.0	18		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831825

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	4.6		2.0	21		9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	5.2		2.0	21		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831825

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.1		2.0	9.1		8.7
Xylenes, Total	1330-20-7	2.1		2.0	9.1		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.9		2.0	14		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831826

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831826

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.9		2.0	13		8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	6.3		2.0	27		8.7
Xylenes, Total	1330-20-7	6.3		2.0	27		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.4		2.0	17		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	3.7		2.0	15		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	6.6		2.0	29		8.7
Xylene (m,p)	1330-20-7	6.9		4.0	30		17
Xylene (o)	95-47-6	15		2.0	65		8.7
Xylenes, Total	1330-20-7	22		2.0	96		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	7.1		2.0	35		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	10		0.50	49		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.8		0.20	69		1.4
Chloromethane	74-87-3	7.6		0.50	16		1.0
Vinyl Chloride	75-01-4	8.3		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.0		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	8.8		5.0	27		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.1		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.6		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.6		0.20	40		0.93
Benzene	71-43-2	9.4		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.7		0.20	39		0.81
n-Heptane	142-82-5	7.9		0.20	32		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.6		0.20	40		0.92
1,4-Dioxane	123-91-1	8.8		5.0	32		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.3		0.20	42		0.91
Methyl Isobutyl Ketone	108-10-1	8.3		0.50	34		2.0
Toluene	108-88-3	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.6		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	10		0.20	68		1.4
Methyl Butyl Ketone	591-78-6	8.2		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.9		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.6		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.5		0.20	40		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.3		0.20	64		1.4
4-Ethyltoluene	622-96-8	10		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	9.9		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	10		0.20	60		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

*: Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

FQA009:02.18.08:4
TestAmerica Burlington

Chain of Custody

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. O. (MATT OLESKE)	1 of 1 COCs
Company: AKRF Inc.	Phone: 646.388.9525		
Address: 440 PARK AVE SOUTH 7th FLOOR	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARESATE		
Project Name: CE FLUSHING	Analysis Turnaround Time		
Site: 40-22 College Pt. Blvd. Flushing, NY	Standard (Specify) X		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-1	6/1/2010	11:06	11:36	-30	-6	4631	2730	X									X		
CE-VAPOR-2	6/1/2010	11:07	11:37	~~-31~~ -30	-12	4606	4545	X									X		
CE-VAPOR-3	6/1/2010	11:06	11:36	~~-28~~ -31	-4	4612	4211	X									X		
CE-VAPOR-4	6/1/2010	11:04	11:34	~~-31~~ -28	-4	4591	3160	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86.0	89.2
Stop	86.6	89.5

Pressure (inches of Hg)	Interior	Ambient
Start	29.78	29.78
Stop	29.78	29.78

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 6/1/2010 19:45	Samples Received by: 6/3/10 1025
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		10	100	70-130
1,2-Dichlorotetrafluoro	10		9.8	98	70-130
Chloromethane	10		7.6	76	70-130
Vinyl Chloride	10		8.3	83	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.0	80	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		8.8	88	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.1	91	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.6	96	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.6	86	70-130
Benzene	10		9.4	94	70-130
1,2-Dichloroethane	10		9.7	97	70-130
n-Heptane	10		7.9	79	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.6	86	70-130
1,4-Dioxane	10		8.8	88	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.3	93	70-130
Methyl Isobutyl Ketone	10		8.3	83	70-130
Toluene	10		9.5	95	70-130
trans-1,3-Dichloroprope	10		9.6	96	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		10	100	70-130
Methyl Butyl Ketone	10		8.2	82	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.6	96	70-130
Ethylbenzene	10		9.9	99	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.6	96	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.5	95	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.3	93	70-130
4-Ethyltoluene	10		10	100	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		10	100	70-130
1,2,4-Trimethylbenzene	10		9.9	99	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		10	100	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDNB01AS Lab Sample ID: MBLK060910FA

Date Analyzed: 06/09/10 Time Analyzed: 1334

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060910LCS	FA060910LCS	FDN10ASQ	1243
02	CE-VAPOR-1	831824	831824D	1817
03	CE-VAPOR-2	831825	831825D	1907
04	CE-VAPOR-3	831826	831826D	1958
05	CE-VAPOR-4	831827	831827D	2049
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
08					
09					
10					
11					
12					
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16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN46PV BFB Injection Date: 06/09/10

Instrument ID: F BFB Injection Time: 0942

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.7
75	30.0 - 66.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	84.2
175	4.0 - 9.0% of mass 174	5.8 (6.9)1
176	93.0 - 101.0% of mass 174	80.8 (96.0)1
177	5.0 - 9.0% of mass 176	5.3 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN1ASV2	06/09/10	1152
02	FA060910LCS	FA060910LCS	FDN10ASQ	06/09/10	1243
03	MBLK060910FA	MBLK060910FA	FDNB01AS	06/09/10	1334
04	CE-VAPOR-1	831824	831824D	06/09/10	1817
05	CE-VAPOR-2	831825	831825D	06/09/10	1907
06	CE-VAPOR-3	831826	831826D	06/09/10	1958
07	CE-VAPOR-4	831827	831827D	06/09/10	2049
08					
09					
10					
11					
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14					
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17					
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19					
20					
21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID (Standard): FDN1ASV2 Date Analyzed: 06/09/10

Instrument ID: F Time Analyzed: 1152

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	385677	9.59	1880491	10.98	1827895	15.09
	UPPER LIMIT	539948	9.92	2632687	11.31	2559053	15.42
	LOWER LIMIT	231406	9.26	1128295	10.65	1096737	14.76
	CLIENT SAMPLE NO.						
01	FA060910LCS	443752	9.60	2139957	10.99	2055673	15.09
02	MBLK060910FA	460219	9.59	2251786	10.98	2065870	15.09
03	CE-VAPOR-1	363919	9.59	1804176	10.98	1740937	15.09
04	CE-VAPOR-2	441695	9.59	2146033	10.98	2040032	15.09
05	CE-VAPOR-3	472881	9.59	2258252	10.98	2107067	15.09
06	CE-VAPOR-4	471363	9.59	2265109	10.98	2133409	15.09
07							
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18							
19							
20							
21							
22							

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

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

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

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

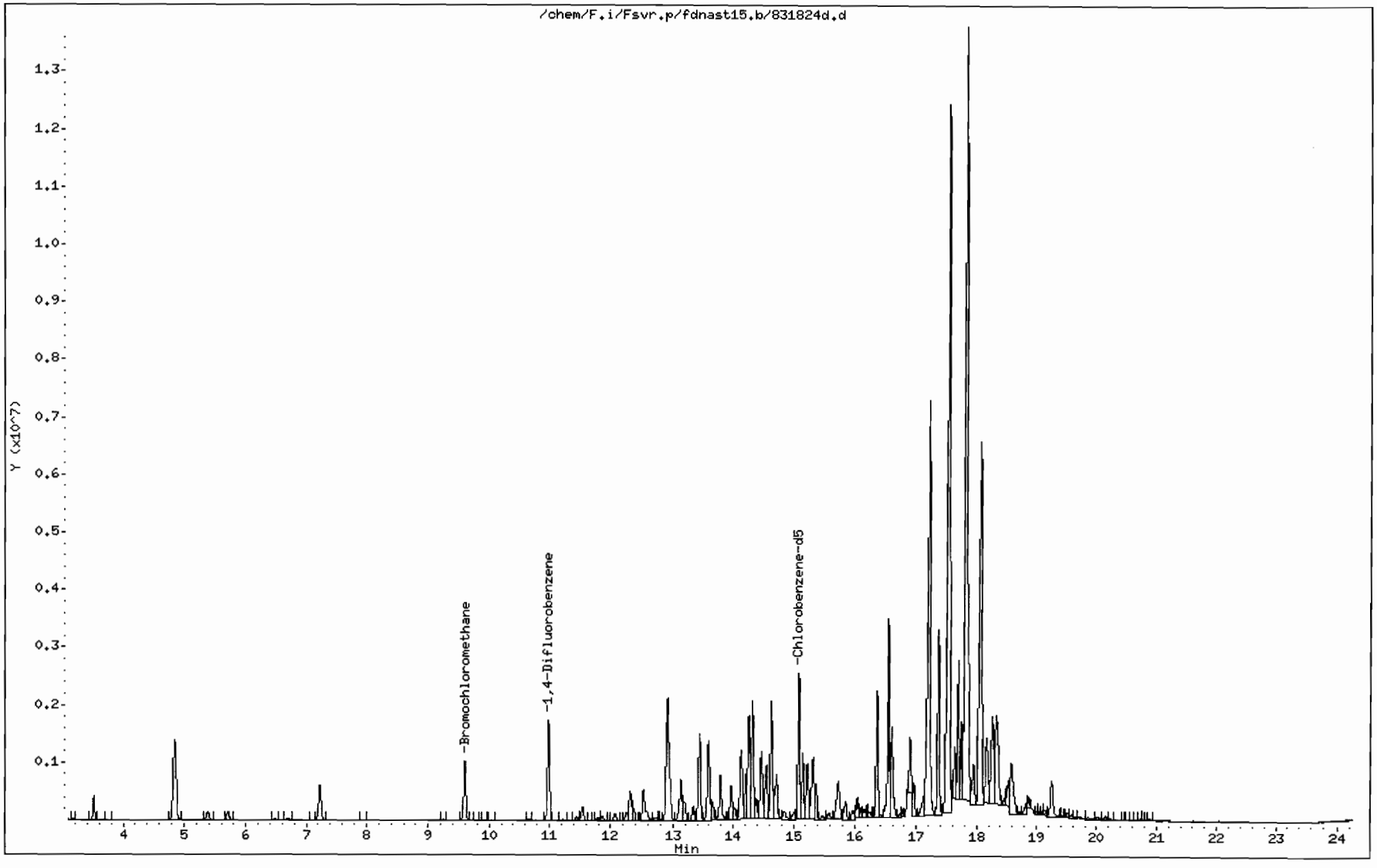
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	3.3	
1330-20-7	Xylenes, Total	3.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.7	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d
Date : 09-JUN-2010 18:17
Client ID: CE-VAPOR-1
Sample Info: CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)
Purge Volume: 20.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831824d.d
Lab Smp Id: 831824 Client Smp ID: CE-VAPOR-1
Inj Date : 09-JUN-2010 18:17
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)
Misc Info : 831824;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 8
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	363919	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.657	10.678	(0.970)	15141	0.20070	2.0
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	1804176	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	1740937	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
	71 Xylene (o)	106	15.862	15.883	(1.051)	27499	0.33122	3.3(Q)
M	70 Xylenes, Total	106				27499	0.33122	3.3
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	16.948	16.975	(1.123)	74321	0.36705	3.7
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d

Date : 09-JUN-2010 18:17

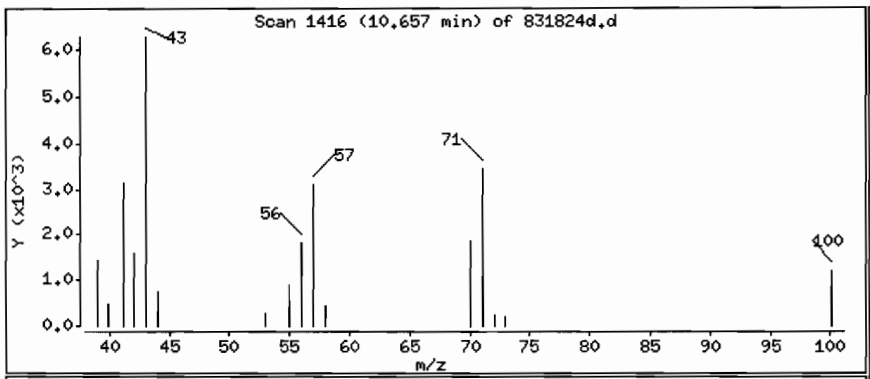
Client ID: CE-VAPOR-1 Instrument: F.i

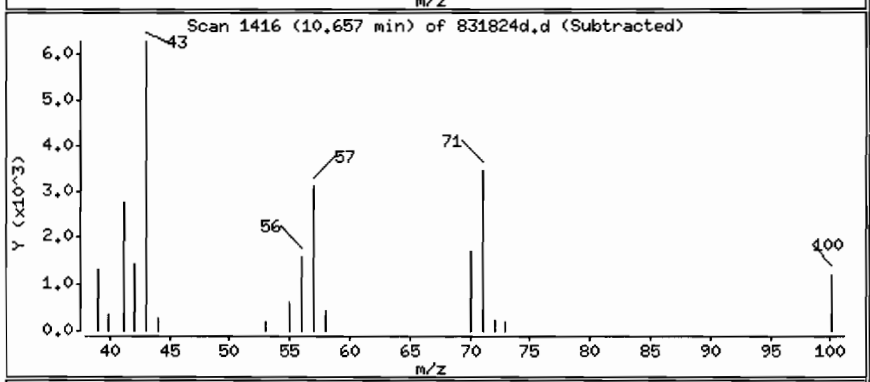
Sample Info: CE-VAPOR-1 :[J06/01/10 @1136(AIR)

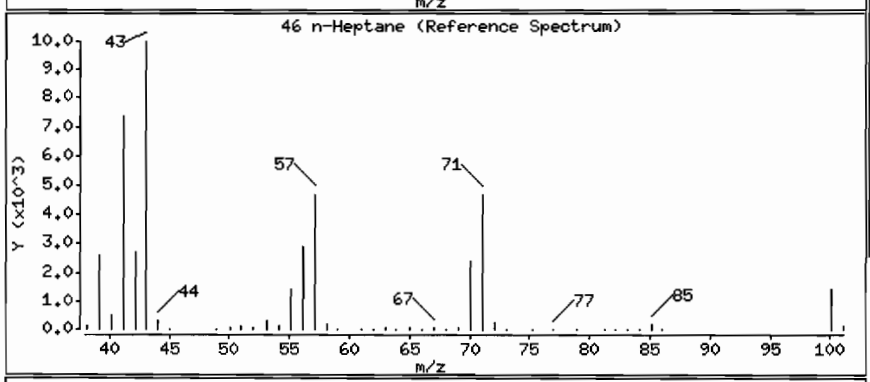
Purge Volume: 20.0 Operator: wrd

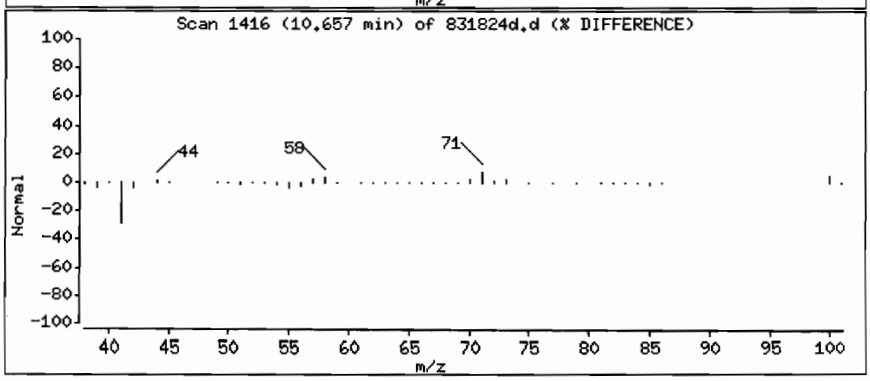
Column phase: RTX-624 Column diameter: 0.32

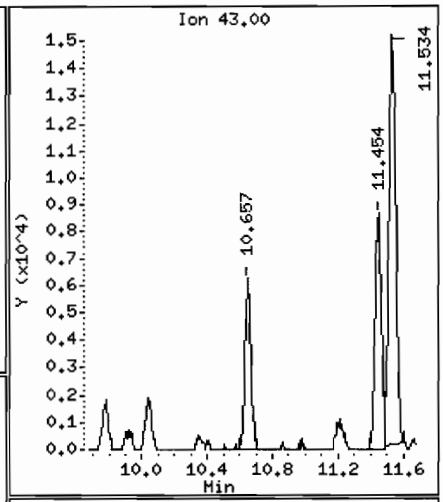
46 n-Heptane Concentration: 2.0 ppbv

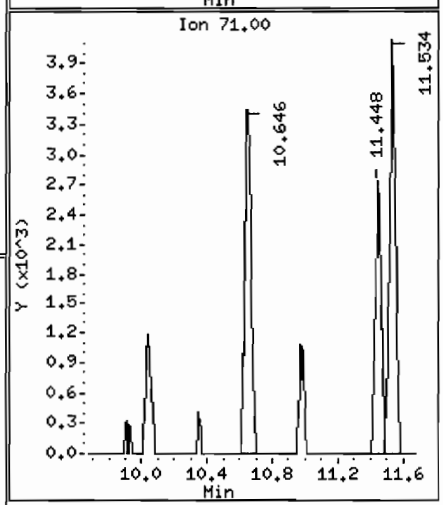












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d

Date : 09-JUN-2010 18:17

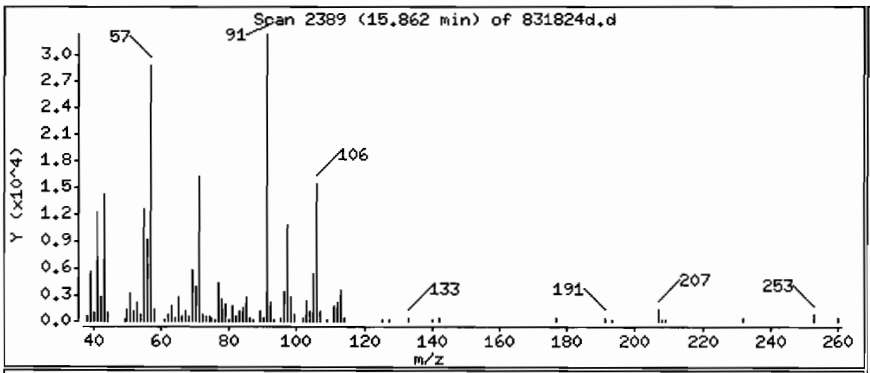
Client ID: CE-VAPOR-1 Instrument: F.i

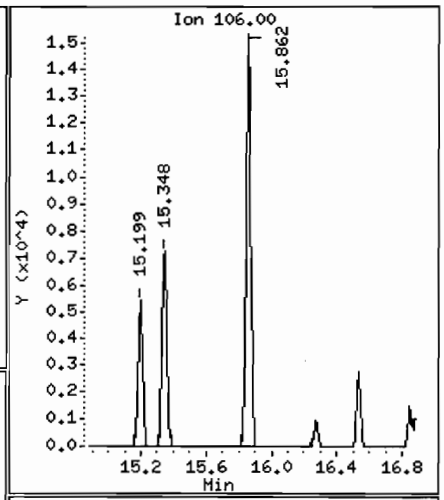
Sample Info: CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)

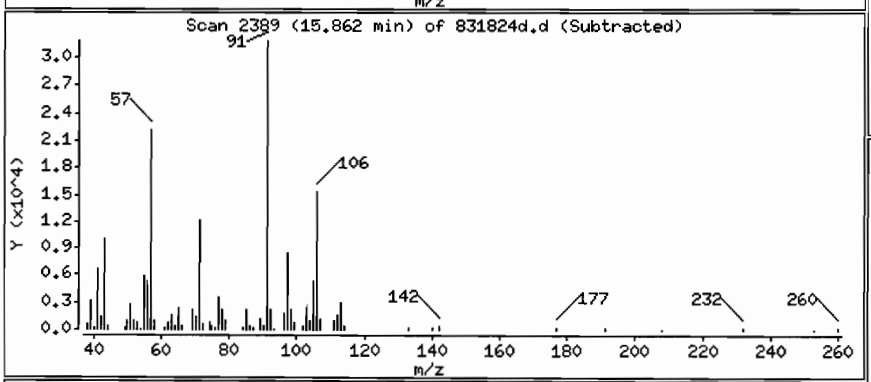
Purge Volume: 20.0 Operator: wrd

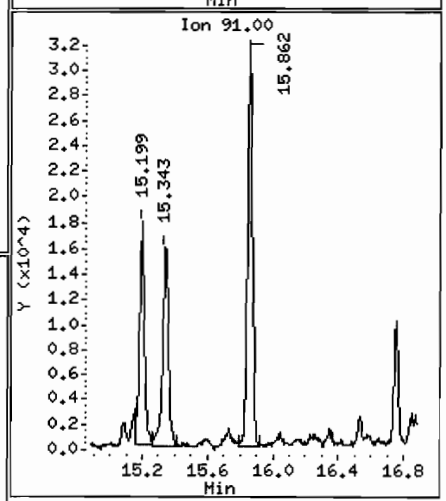
Column phase: RTX-624 Column diameter: 0.32

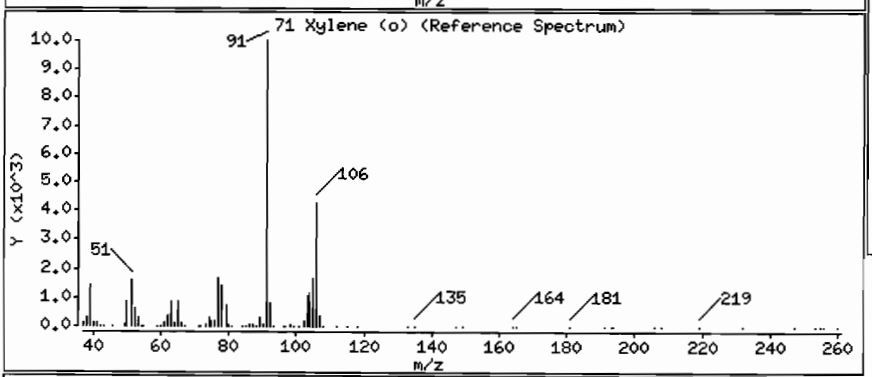
71 Xylene (o) Concentration: 3.3 ppbv

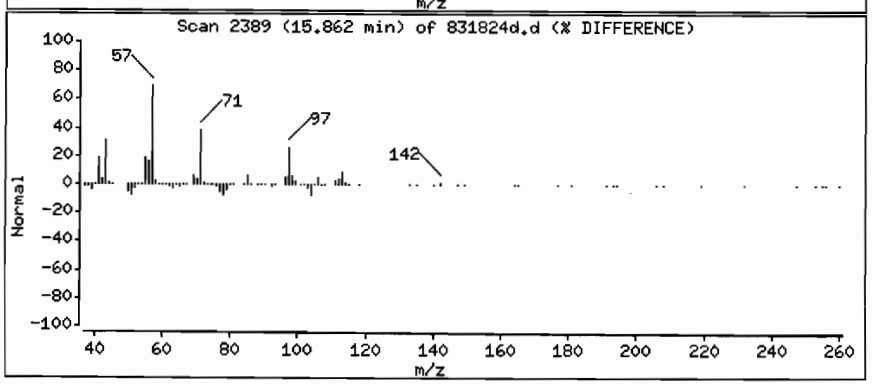












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d

Date : 09-JUN-2010 18:17

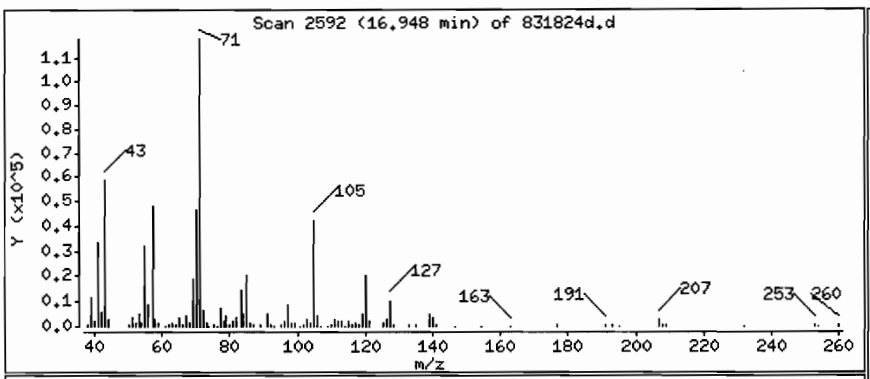
Client ID: CE-VAPOR-1 Instrument: F.i

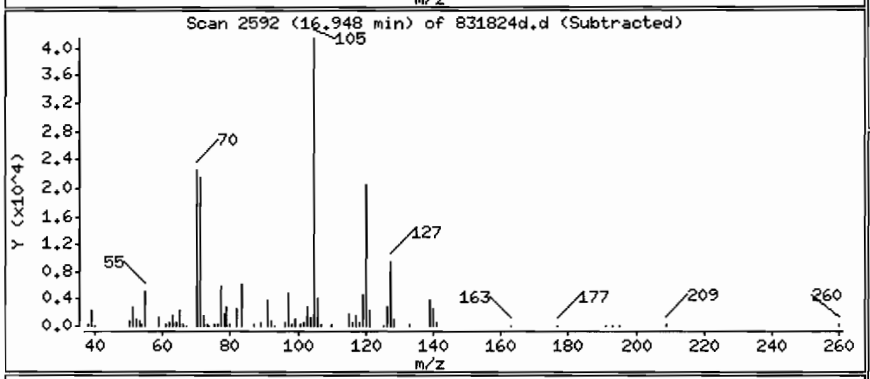
Sample Info: CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)

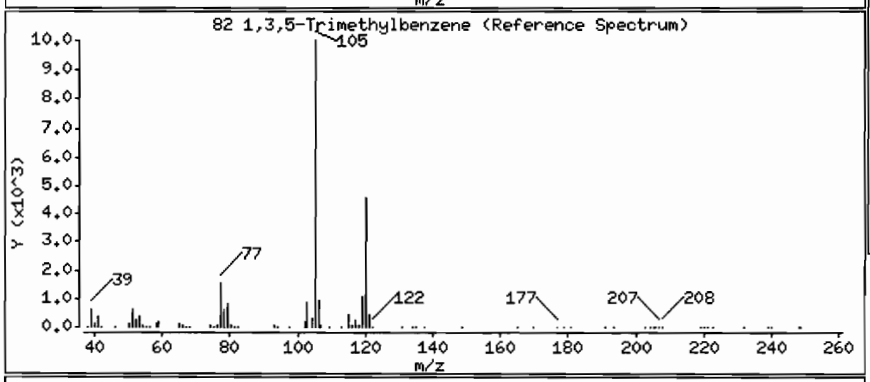
Purge Volume: 20.0 Operator: wrd

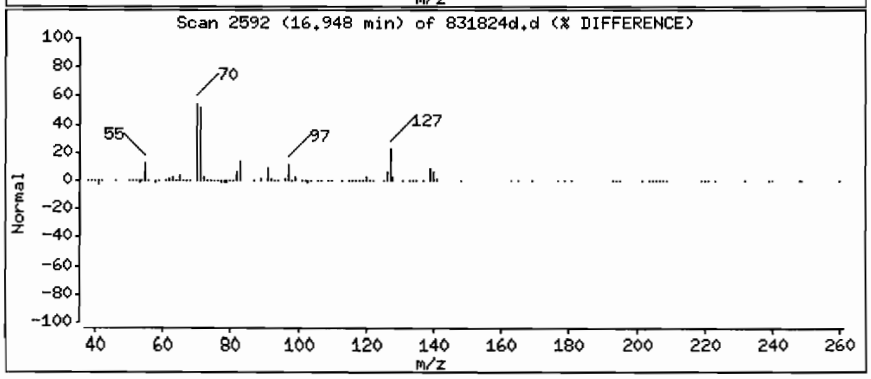
Column phase: RTX-624 Column diameter: 0.32

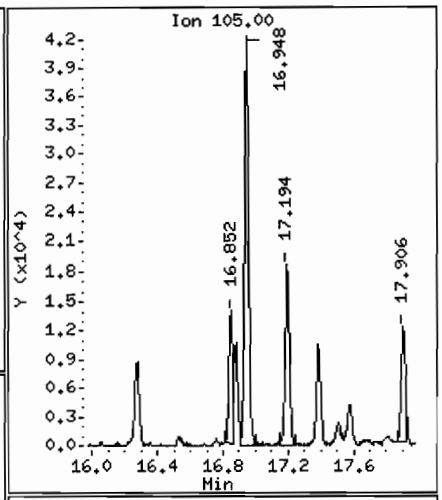
82 1,3,5-Trimethylbenzene Concentration: 3.7 ppbv

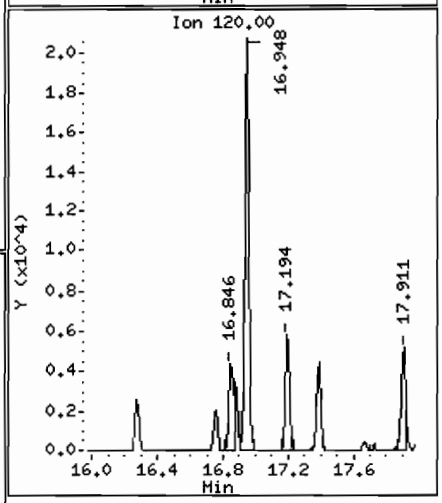












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	4.6	
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	5.2	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

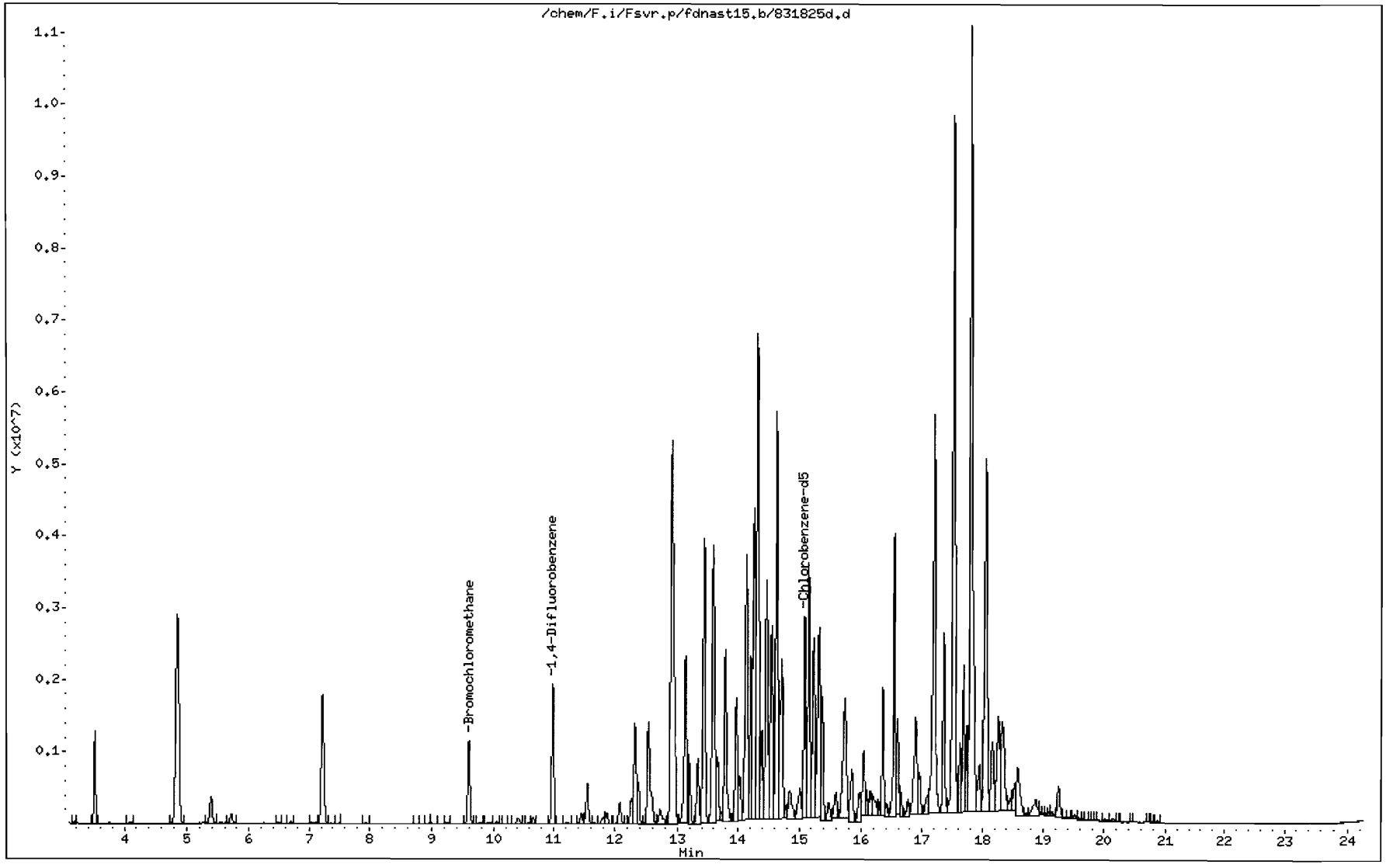
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.1	
1330-20-7	Xylenes, Total	2.1	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.9	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d
Date : 09-JUN-2010 19:07
Client ID: CE-VAPOR-2
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831825d.d
Lab Smp Id: 831825 Client Smp ID: CE-VAPOR-2
Inj Date : 09-JUN-2010 19:07
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)
Misc Info : 831825;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	441695	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	10.405	10.432	(0.947)	111406	0.46352	4.6	
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	10.651	10.678	(0.970)	47103	0.52492	5.2	
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2146033	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2040032	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	15.862	15.883	(1.051)	20659	0.21235	2.1	(Q)
M	70 Xylenes, Total	106				20659	0.21235	2.1	
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.124)	68363	0.28813	2.9	
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

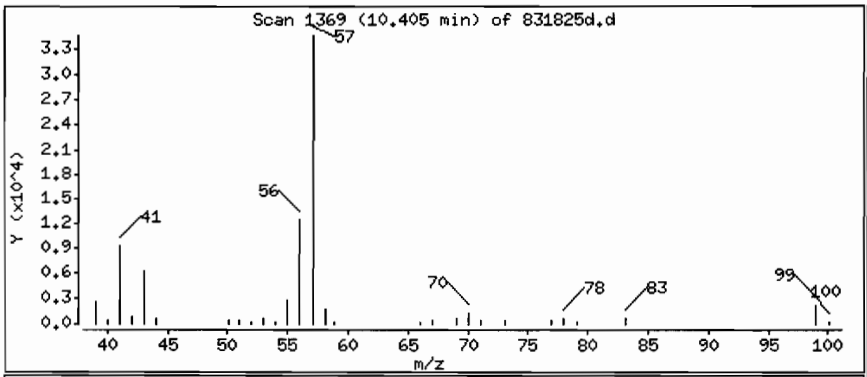
Client ID: CE-VAPOR-2 Instrument: F.i

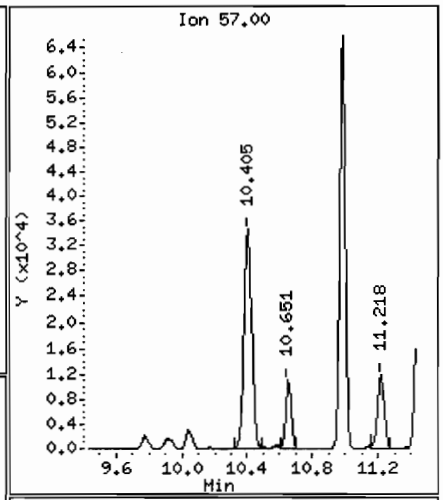
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

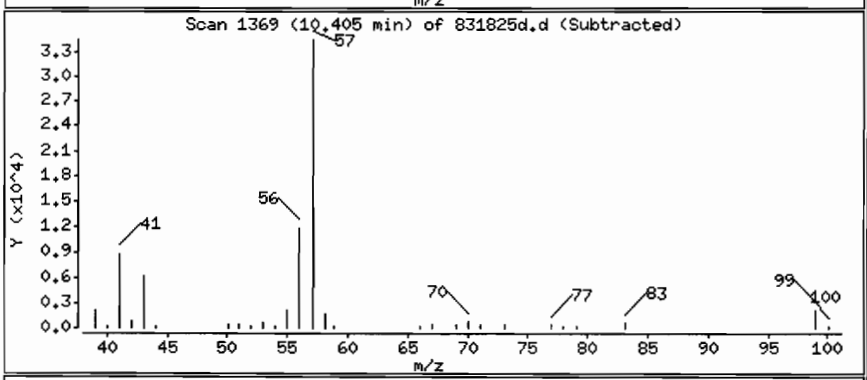
Purge Volume: 20.0 Operator: wrd

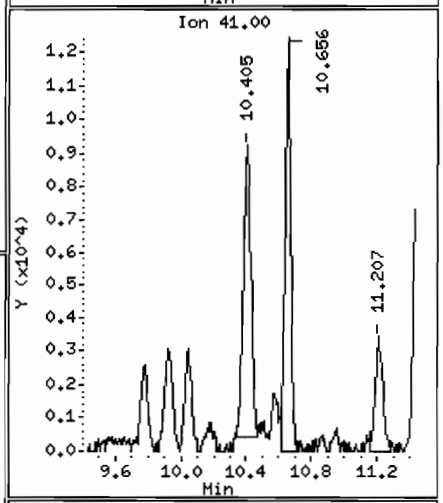
Column phase: RTX-624 Column diameter: 0.32

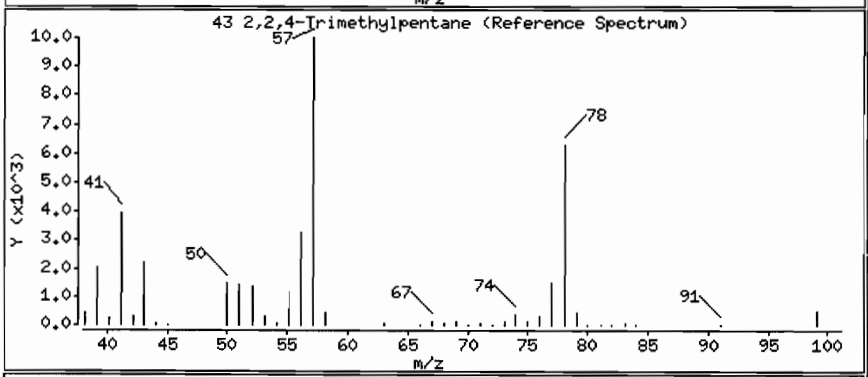
43 2,2,4-Trimethylpentane Concentration: 4.6 ppbv

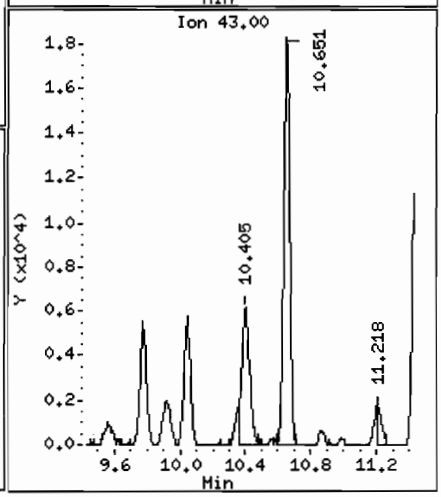


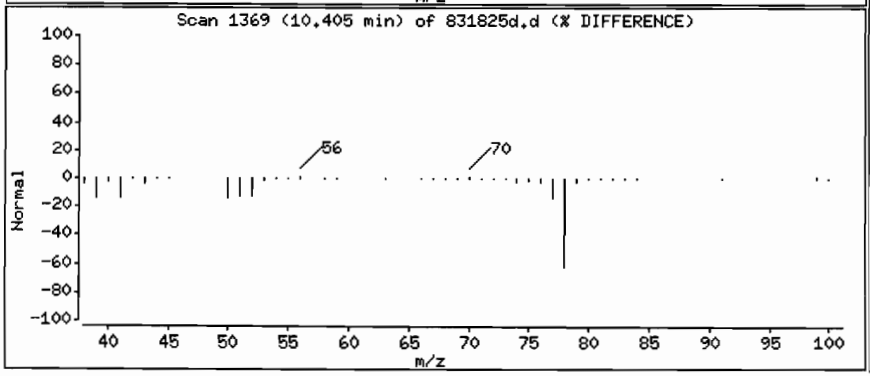












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

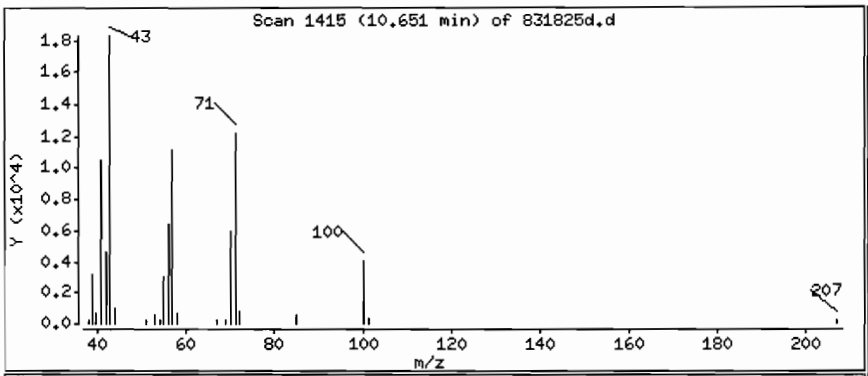
Client ID: CE-VAPOR-2 Instrument: F.i

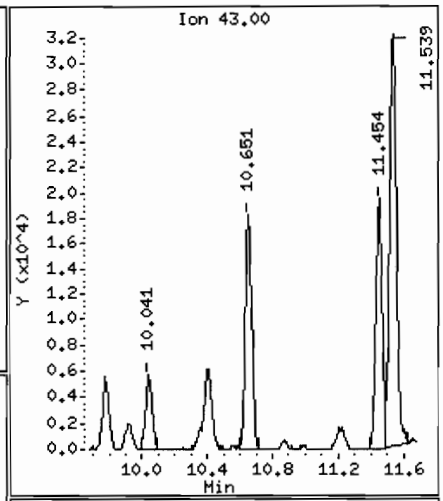
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

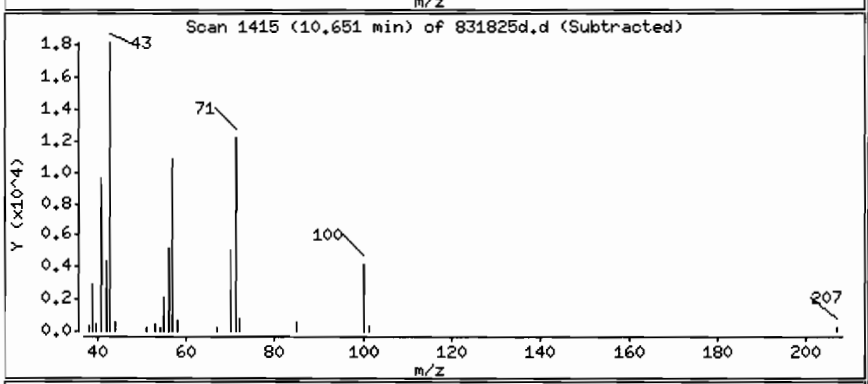
Purge Volume: 20.0 Operator: wrd

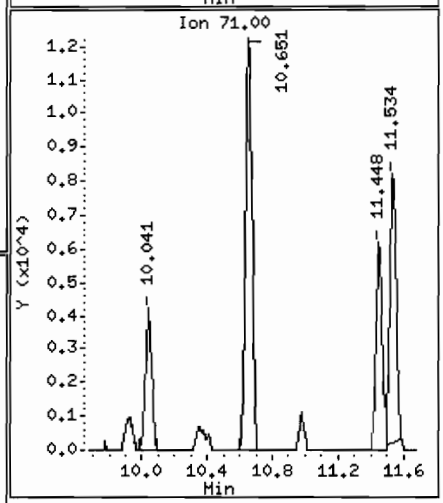
Column phase: RTX-624 Column diameter: 0.32

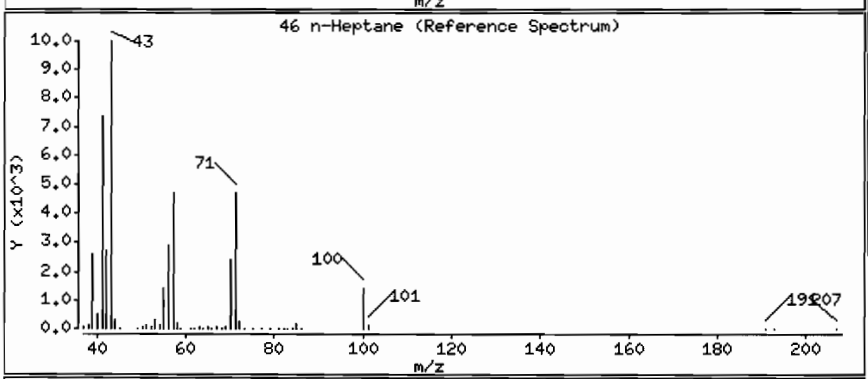
46 n-Heptane Concentration: 5.2 ppbv

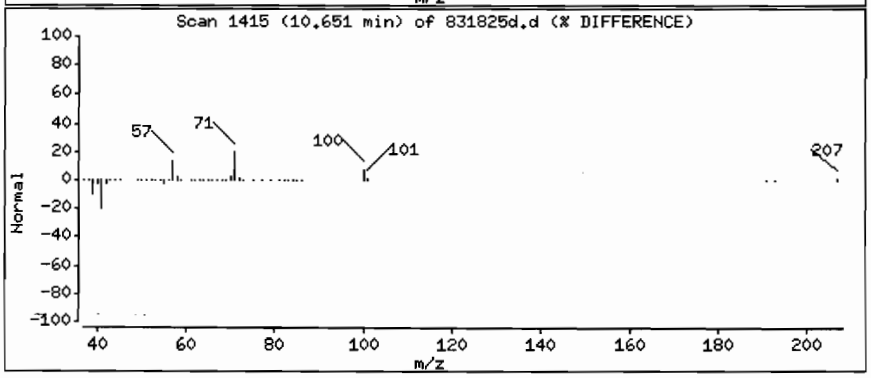












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

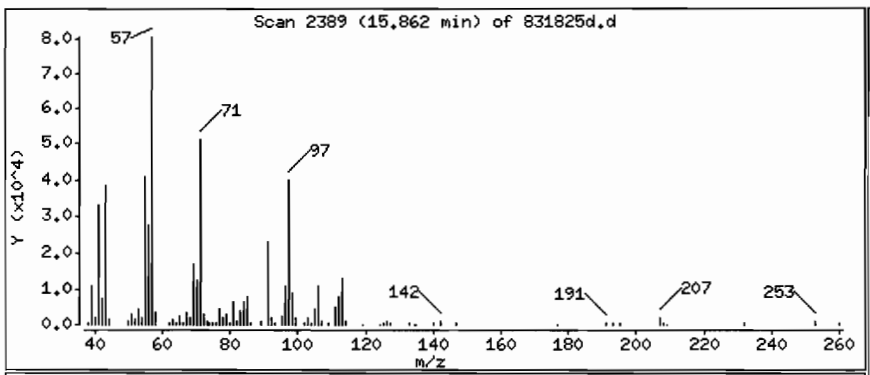
Client ID: CE-VAPOR-2 Instrument: F.i

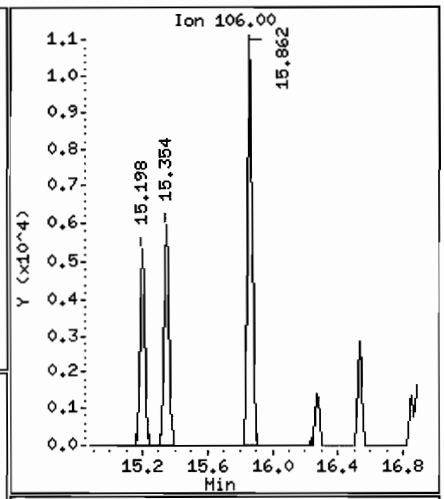
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

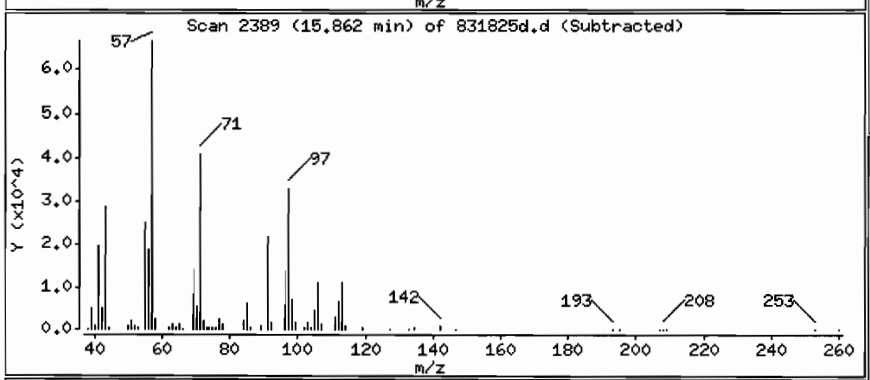
Purge Volume: 20.0 Operator: wrd

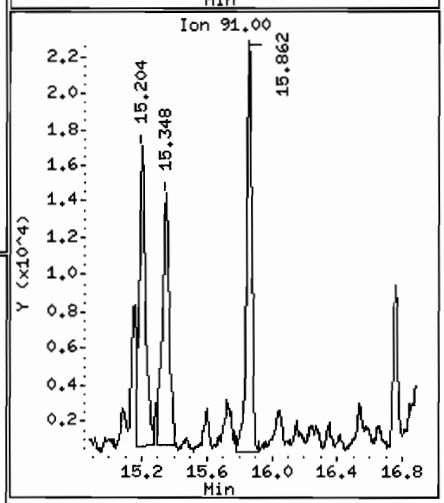
Column phase: RTX-624 Column diameter: 0.32

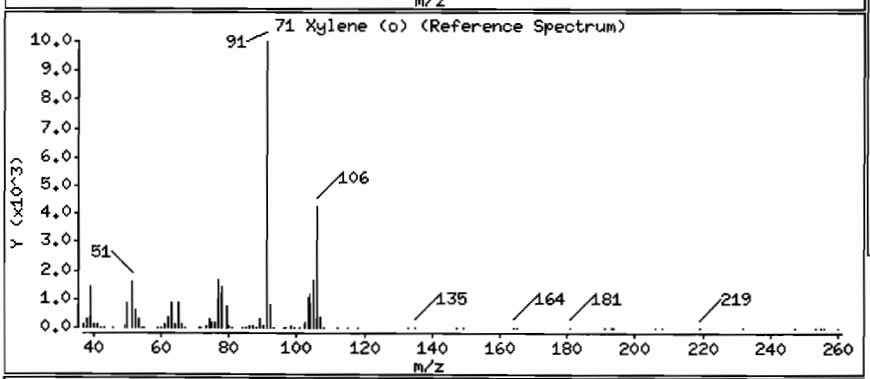
71 Xylene (o) Concentration: 2.1 ppbv

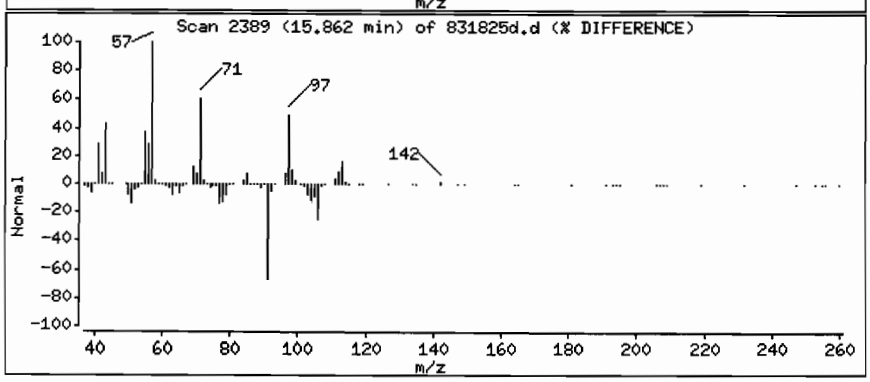












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

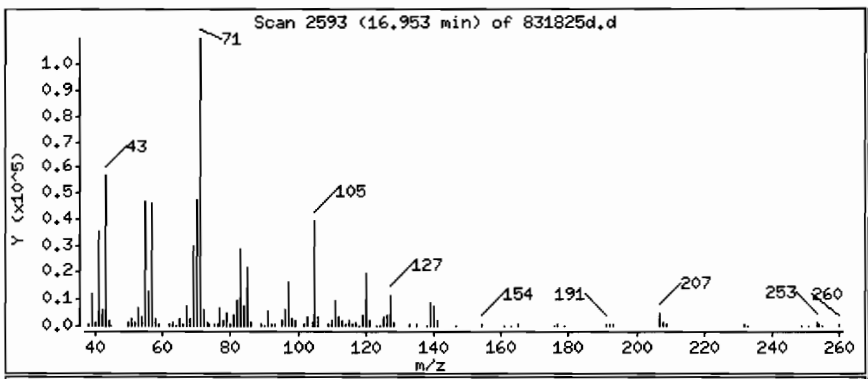
Client ID: CE-VAPOR-2 Instrument: F.i

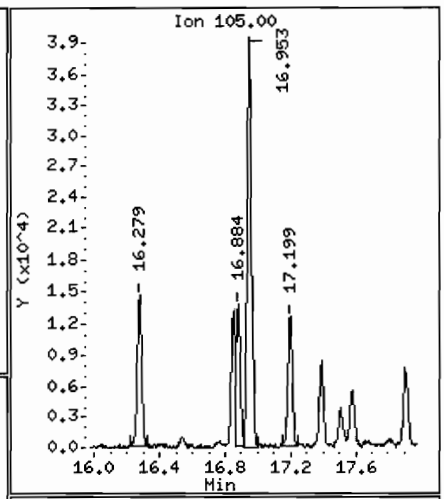
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

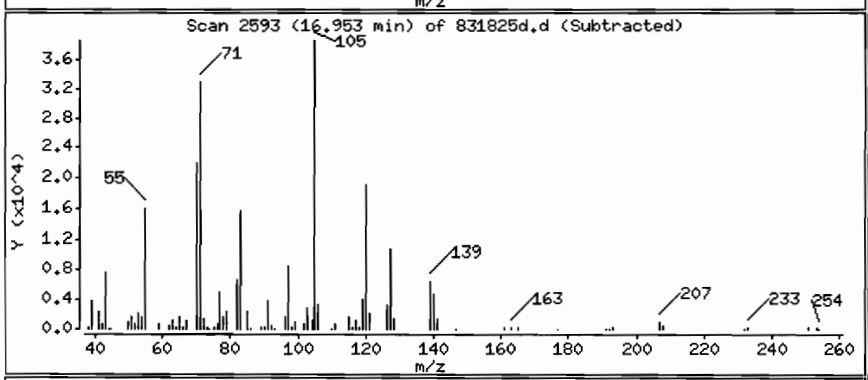
Purge Volume: 20.0 Operator: wrd

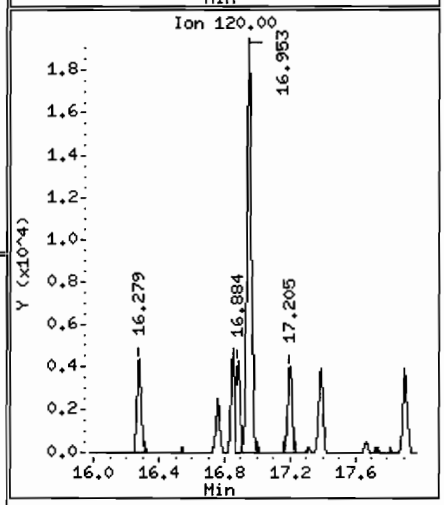
Column phase: RTX-624 Column diameter: 0.32

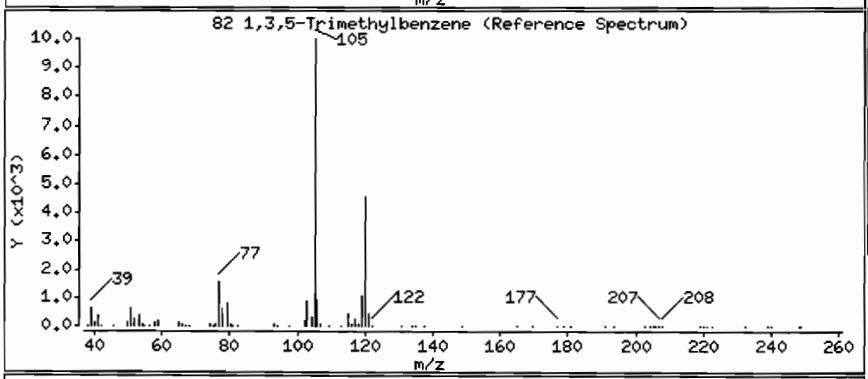
82 1,3,5-Trimethylbenzene Concentration: 2.9 ppbv

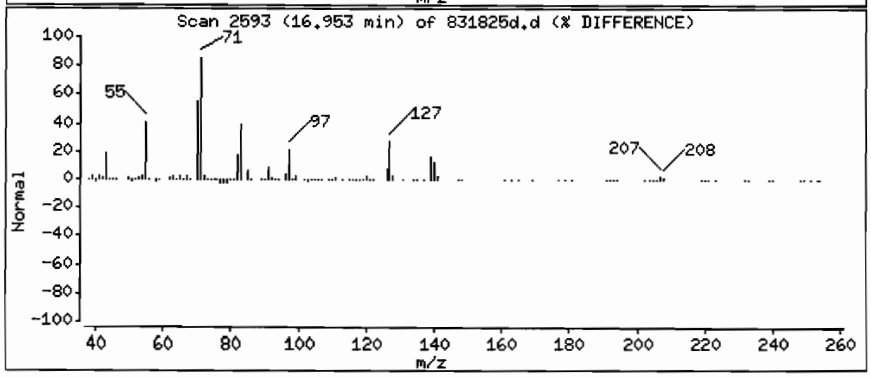












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

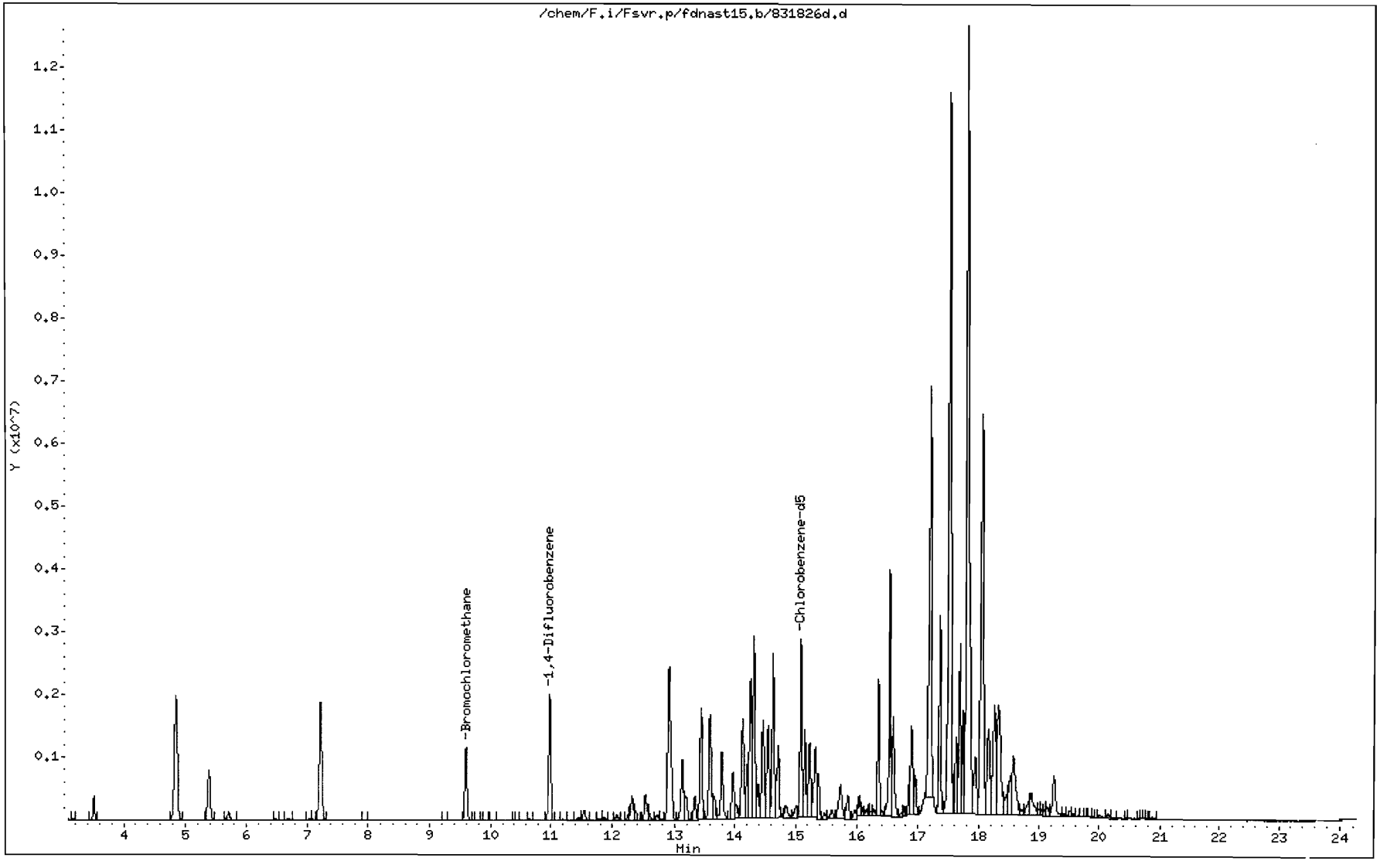
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.9	
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	6.3	
1330-20-7	Xylenes, Total	6.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.4	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d
Date : 09-JUN-2010 19:58
Client ID: CE-VAPOR-3
Sample Info: CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)
Purge Volume: 20.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831826d.d
Lab Smp Id: 831826 Client Smp ID: CE-VAPOR-3
Inj Date : 09-JUN-2010 19:58
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)
Misc Info : 831826;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	472881	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2258252	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2107067	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	15.198	15.225	(1.007)	72398	0.28886	2.9	
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	15.856	15.883	(1.051)	63655	0.63348	6.3	
M	70 Xylenes, Total	106				63655	0.63348	6.3	
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	16.948	16.975	(1.123)	82694	0.33744	3.4	
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d

Date : 09-JUN-2010 19:58

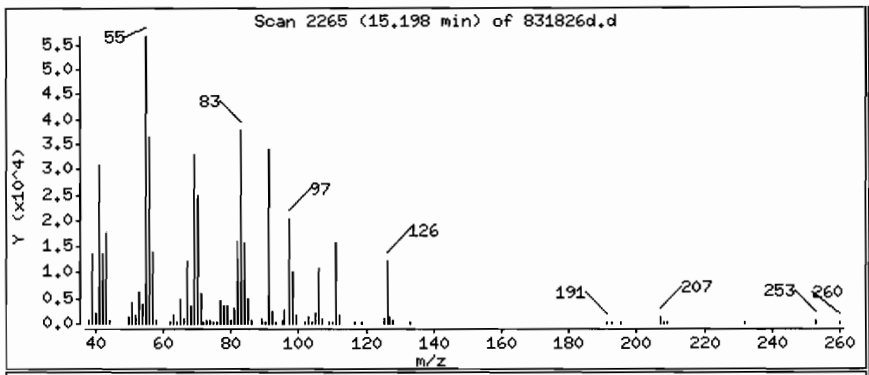
Client ID: CE-VAPOR-3 Instrument: F.i

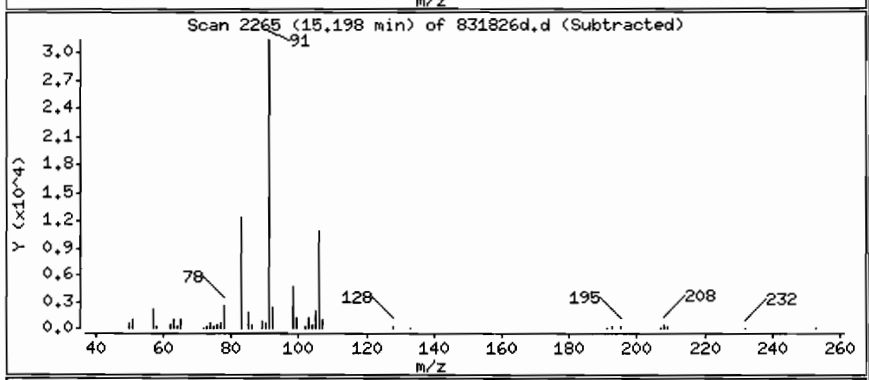
Sample Info: CE-VAPOR-3 :[J06/01/10 @1136(AIR)

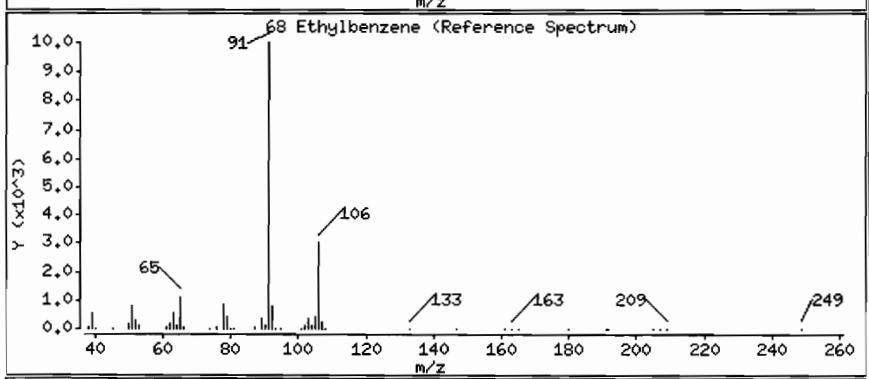
Purge Volume: 20.0 Operator: wrd

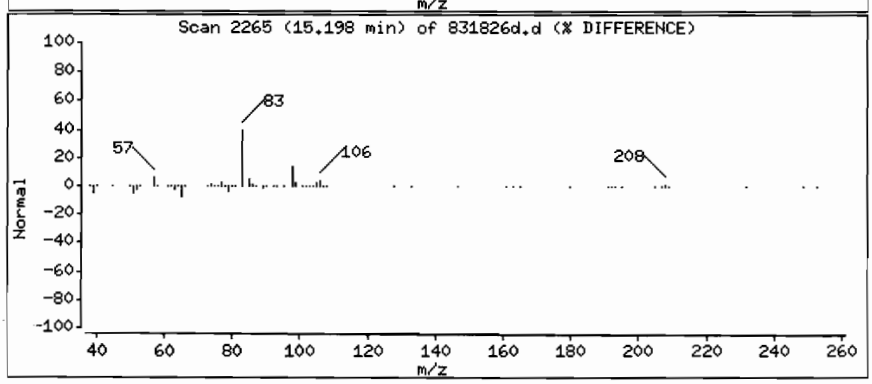
Column phase: RTX-624 Column diameter: 0.32

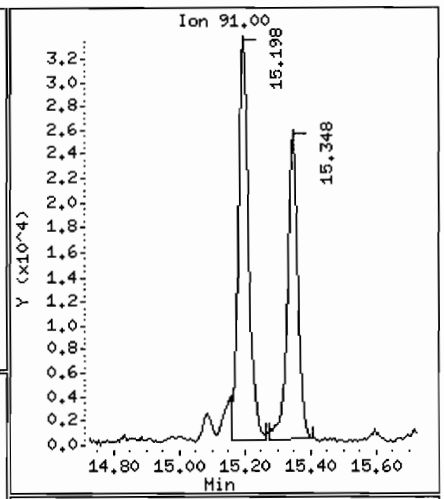
68 Ethylbenzene Concentration: 2.9 ppbv

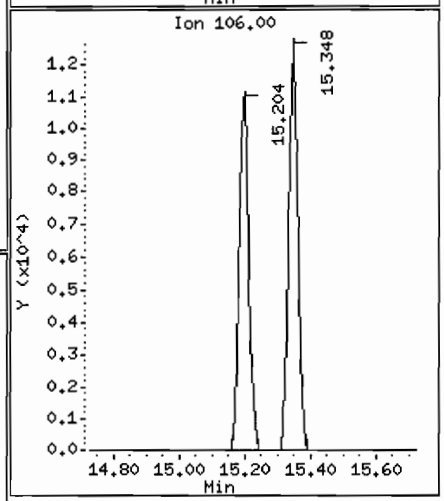












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d

Date : 09-JUN-2010 19:58

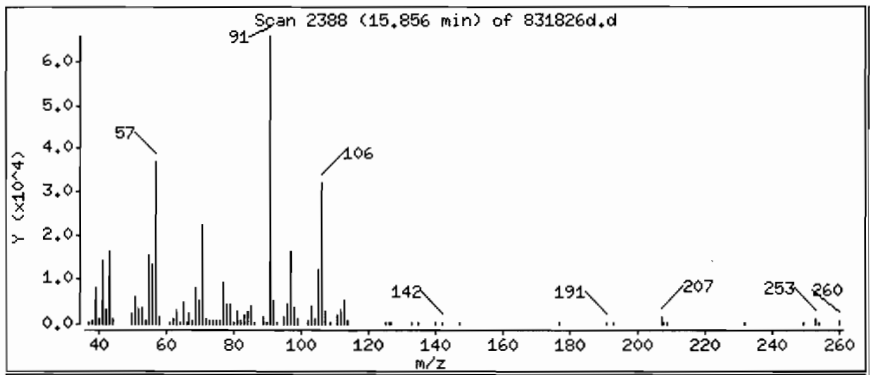
Client ID: CE-VAPOR-3 Instrument: F.i

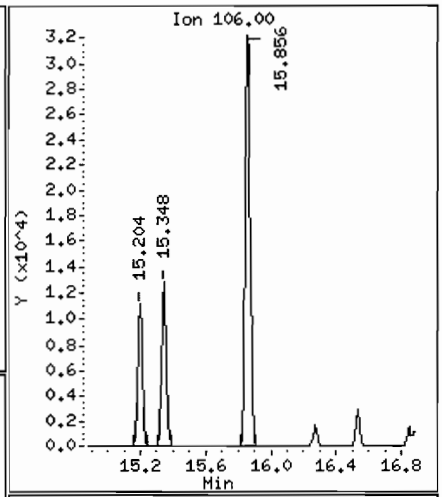
Sample Info: CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)

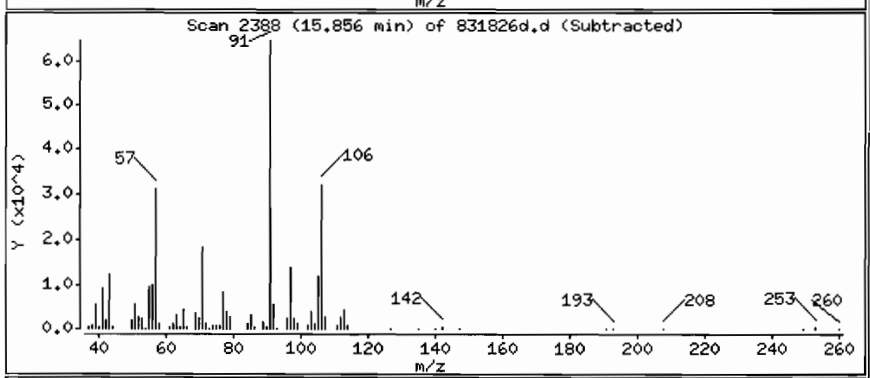
Purge Volume: 20.0 Operator: wrd

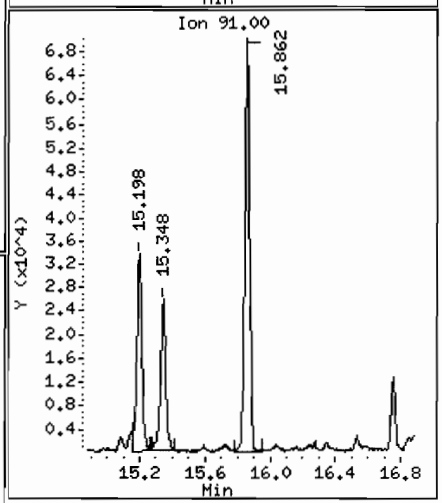
Column phase: RTX-624 Column diameter: 0.32

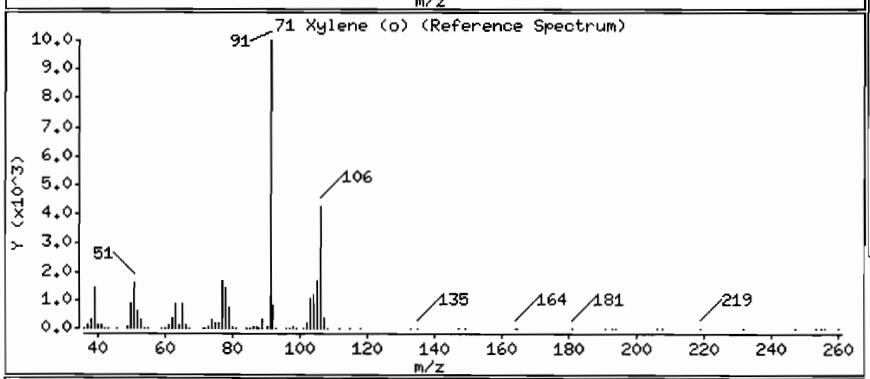
71 Xylene (o) Concentration: 6.3 ppbv

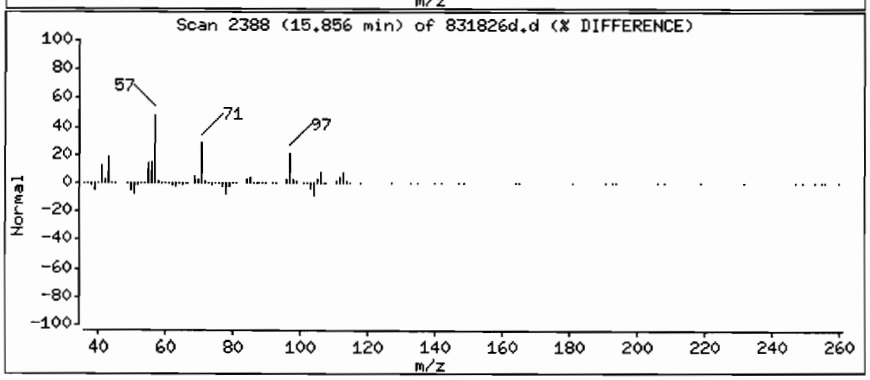












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d

Date : 09-JUN-2010 19:58

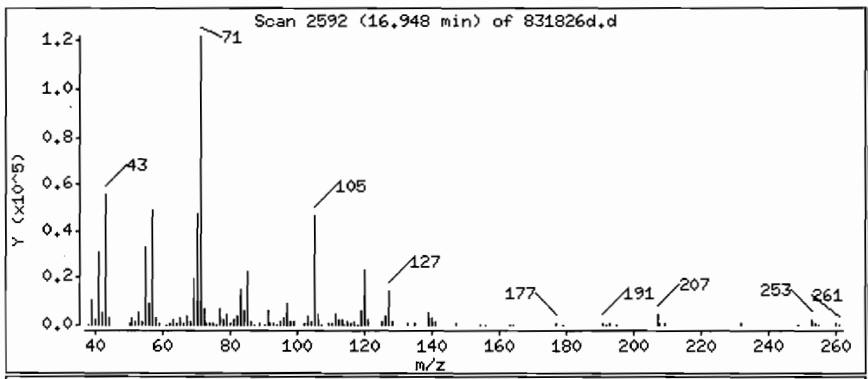
Client ID: CE-VAPOR-3 Instrument: F.i

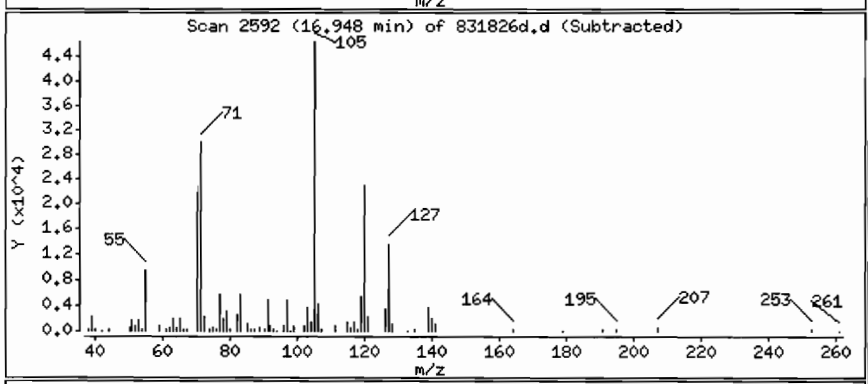
Sample Info: CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)

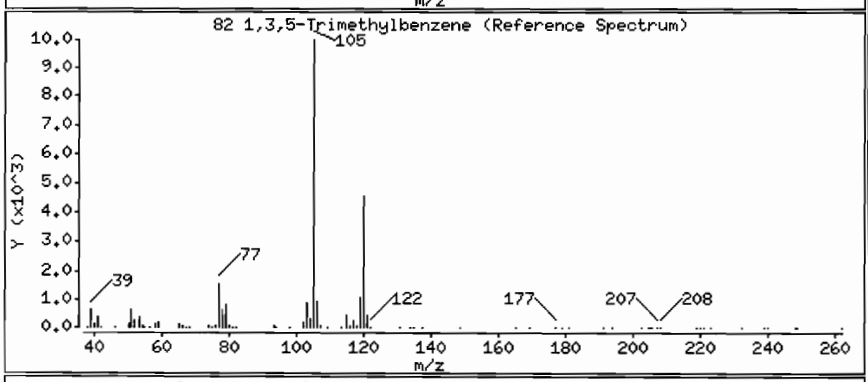
Purge Volume: 20.0 Operator: wrd

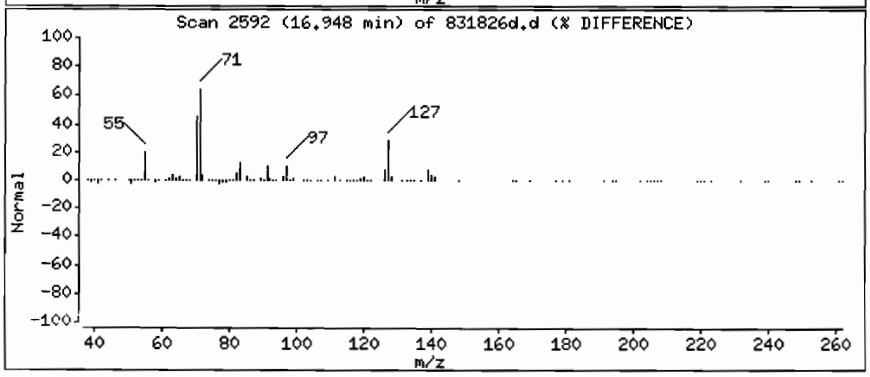
Column phase: RTX-624 Column diameter: 0.32

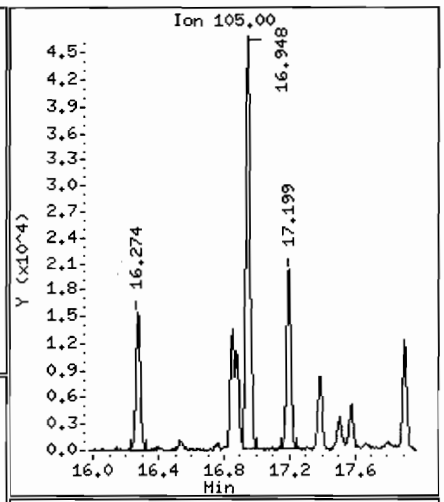
82 1,3,5-Trimethylbenzene Concentration: 3.4 ppbv

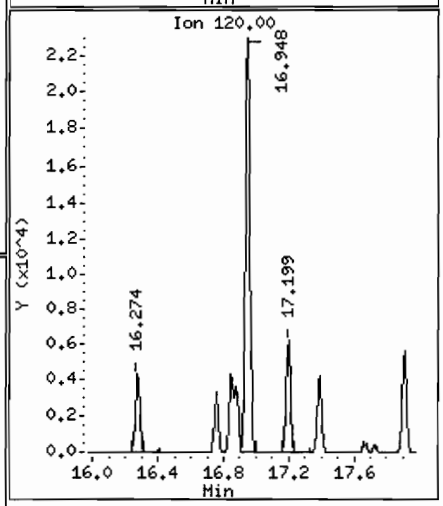












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	3.7	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

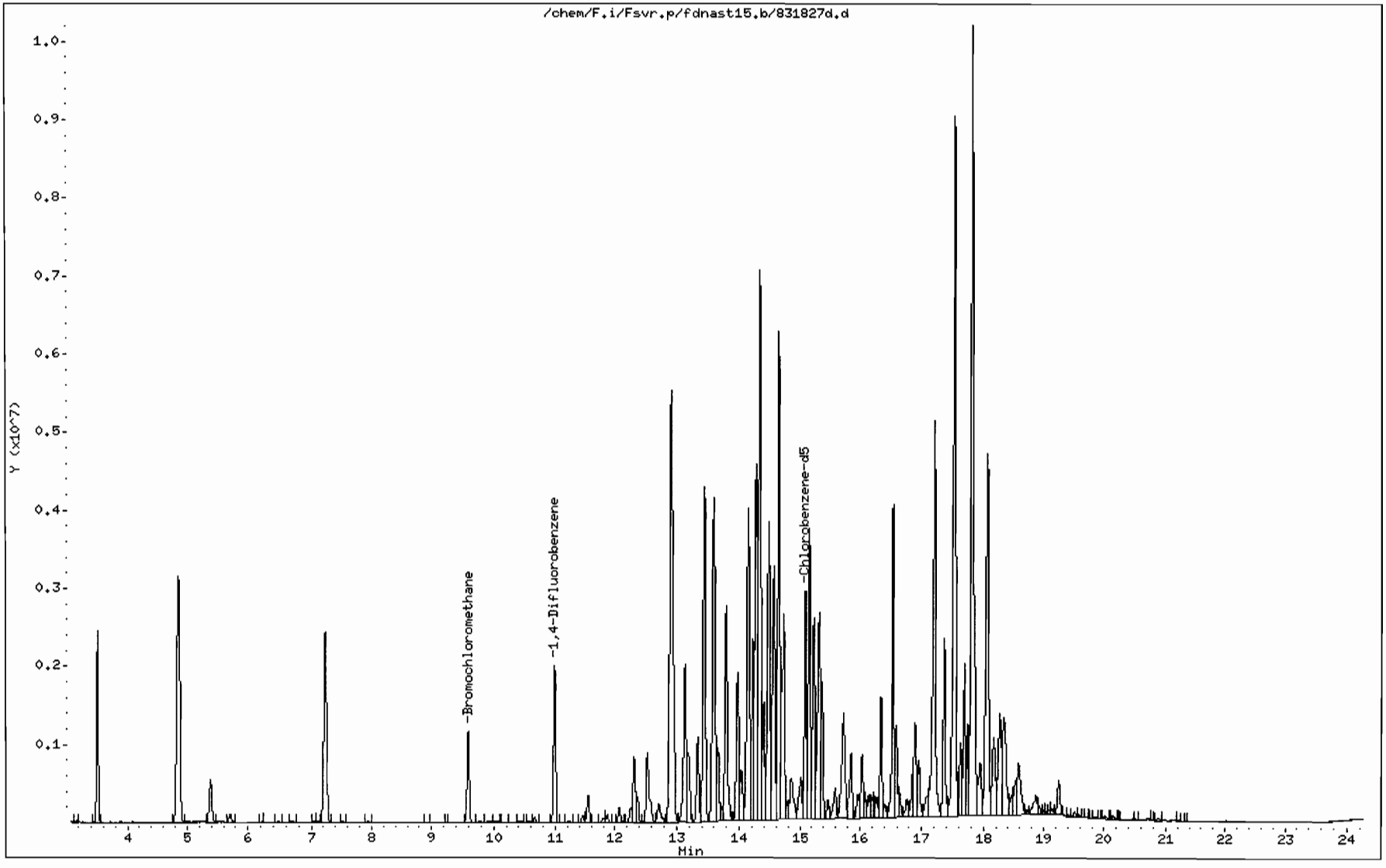
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	6.6	
1330-20-7	Xylene (m,p)	6.9	
95-47-6	Xylene (o)	15	
1330-20-7	Xylenes, Total	22	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	7.1	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d
Date : 09-JUN-2010 20:49
Client ID: CE-VAPOR-4
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831827d.d
Lab Smp Id: 831827 Client Smp ID: CE-VAPOR-4
Inj Date : 09-JUN-2010 20:49
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)
Misc Info : 831827;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 11
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	471363	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	10.657	10.678	(0.970)	35369	0.37343		3.7
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2265109	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2133409	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	15.198	15.225	(1.007)	168609	0.66441		6.6
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	71395	0.69213		6.9(Q)
	71 Xylene (o)	106	15.862	15.883	(1.051)	150879	1.48298		15
M	70 Xylenes, Total	106				222274	2.18471		22
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.124)	175093	0.70565		7.1
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

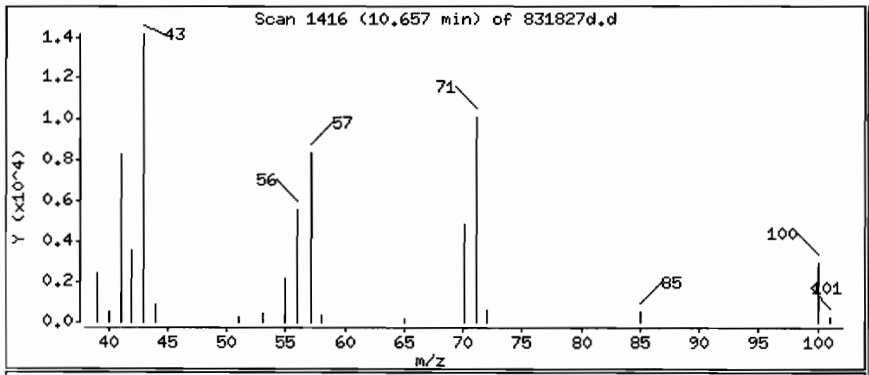
Client ID: CE-VAPOR-4 Instrument: F.i

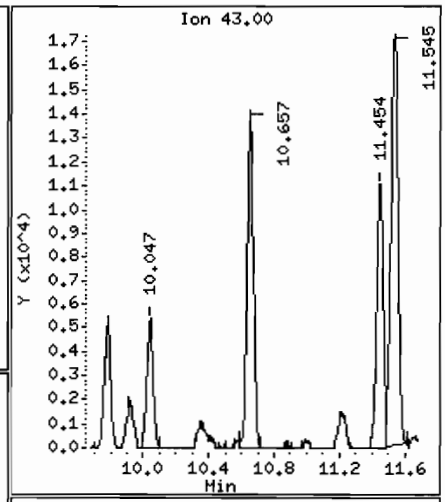
Sample Info: CE-VAPOR-4 :[J06/01/10 @1134(AIR)

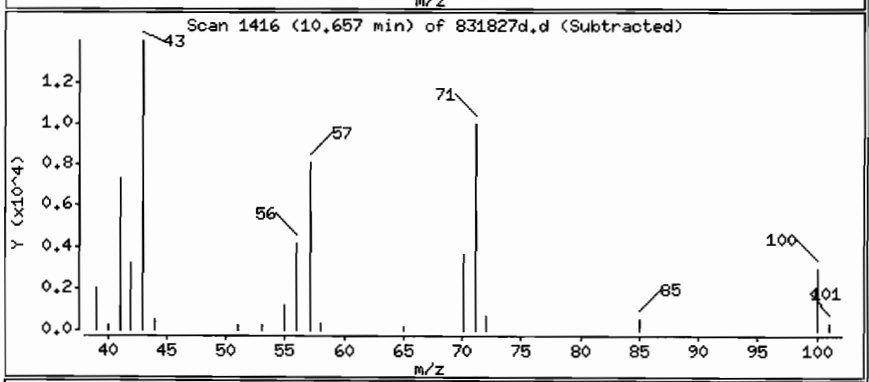
Purge Volume: 20.0 Operator: wrd

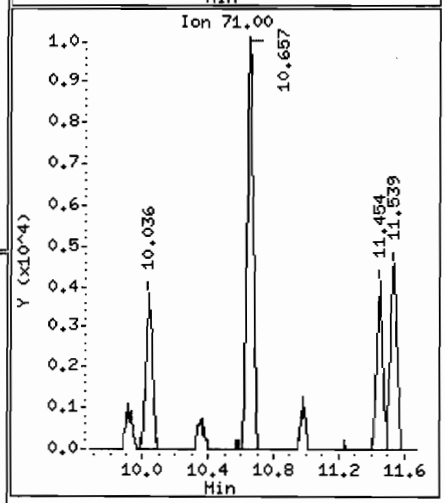
Column phase: RTX-624 Column diameter: 0.32

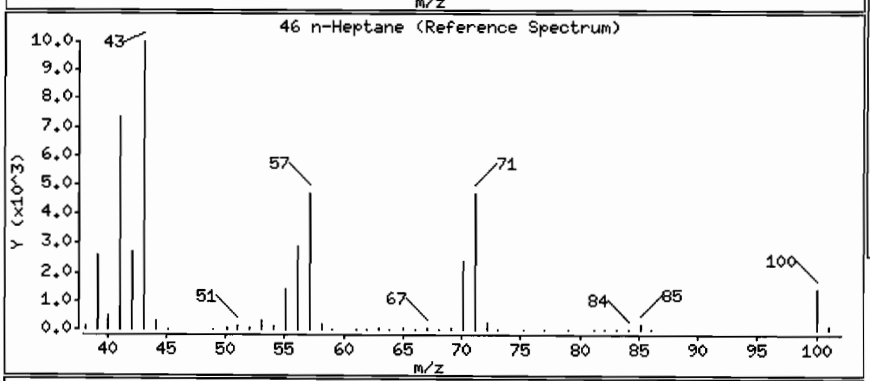
46 n-Heptane Concentration: 3.7 ppbv

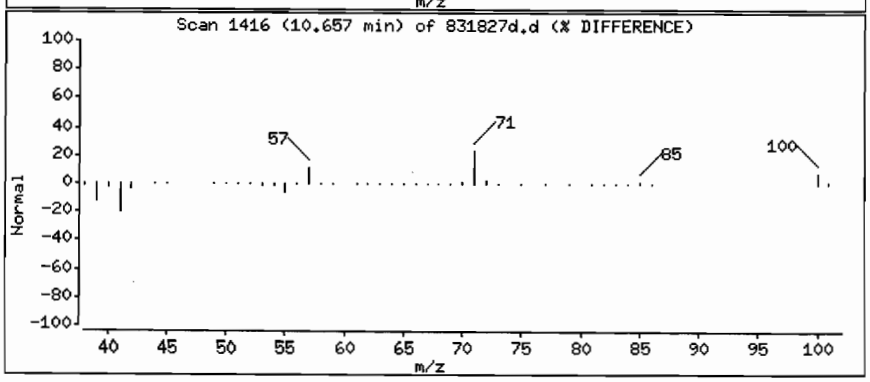












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

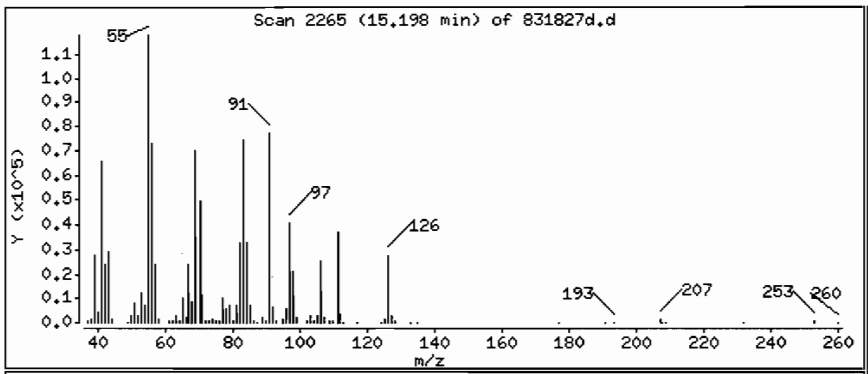
Client ID: CE-VAPOR-4 Instrument: F.i

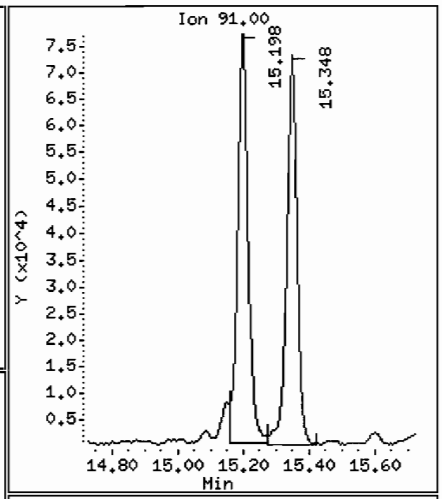
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

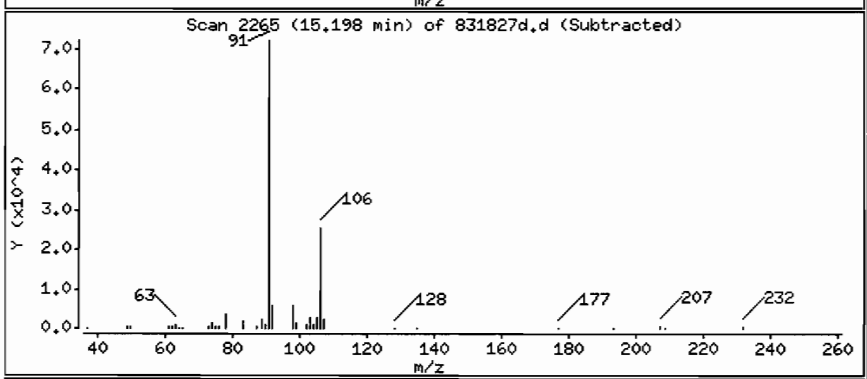
Purge Volume: 20.0 Operator: wrd

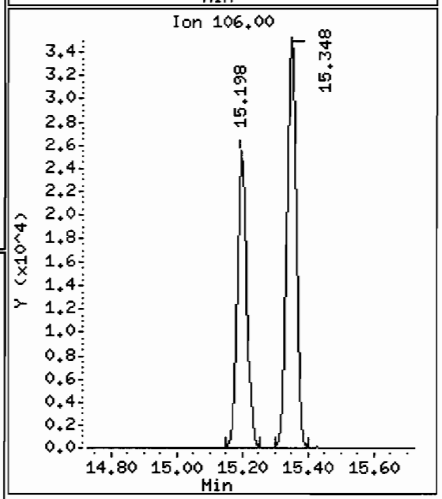
Column phase: RTX-624 Column diameter: 0.32

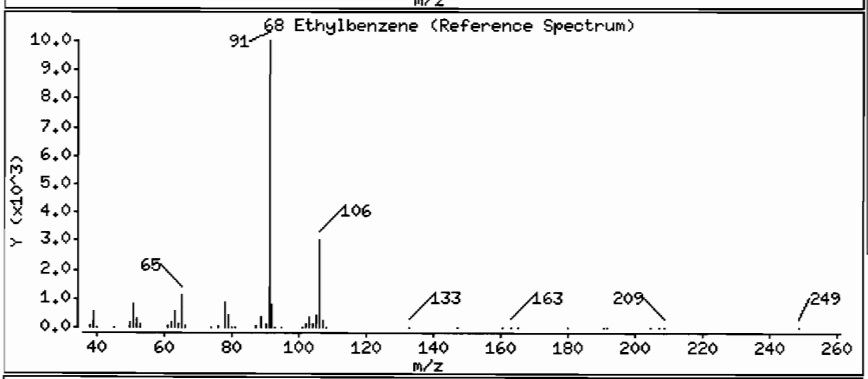
68 Ethylbenzene Concentration: 6.6 ppbv

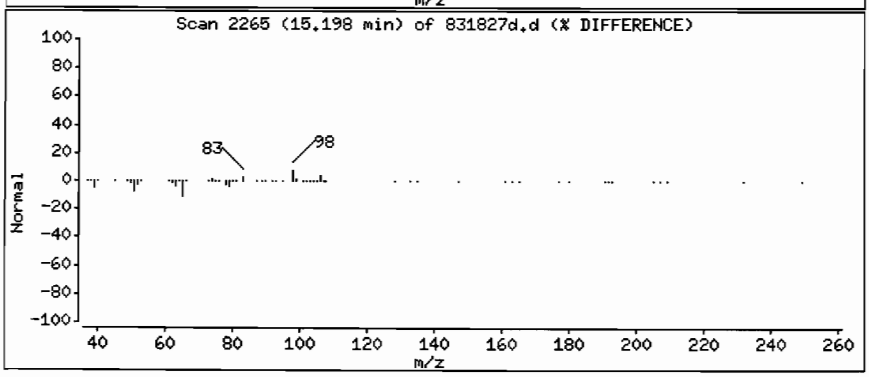












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

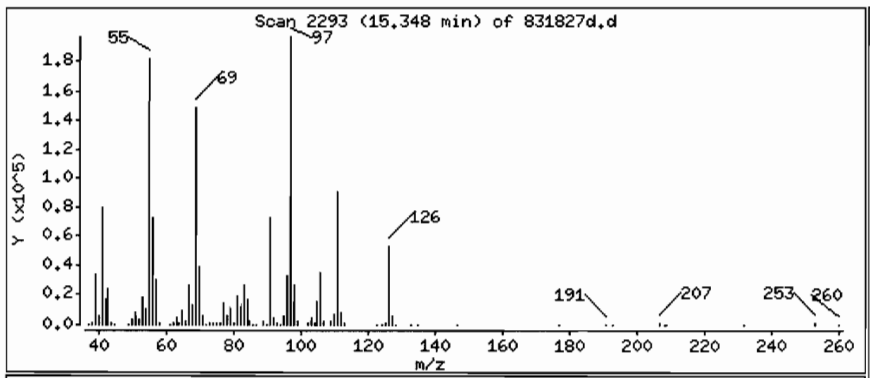
Client ID: CE-VAPOR-4 Instrument: F.i

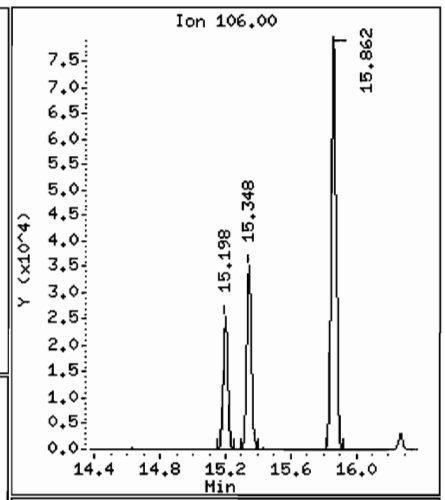
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

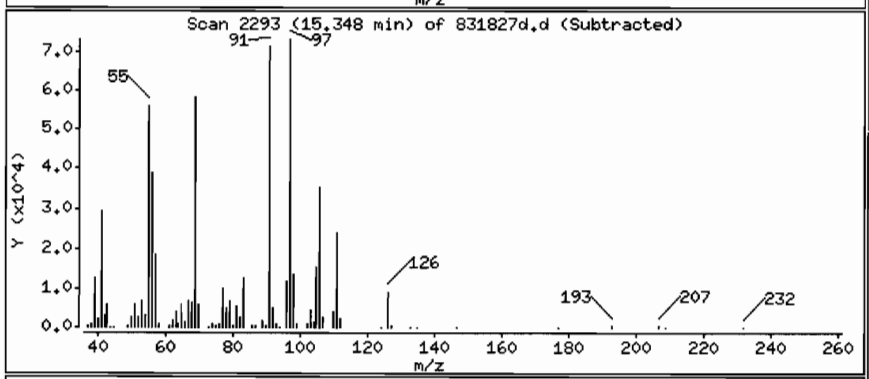
Purge Volume: 20.0 Operator: wrd

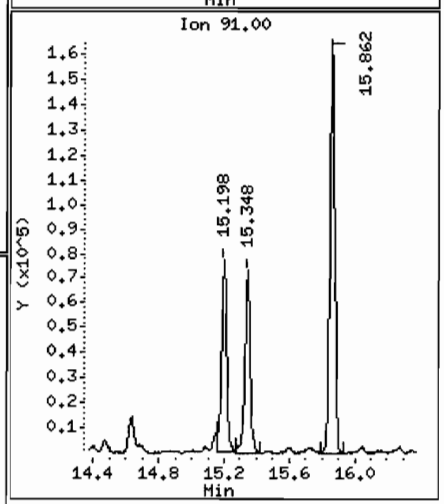
Column phase: RTX-624 Column diameter: 0.32

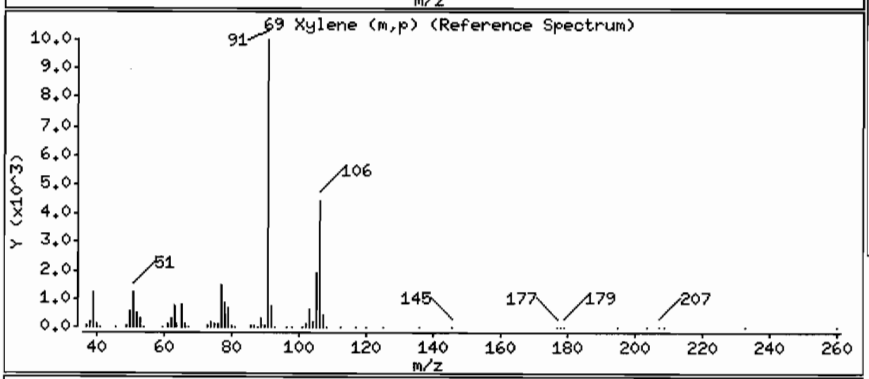
69 Xylene (m,p) Concentration: 6.9 ppbv

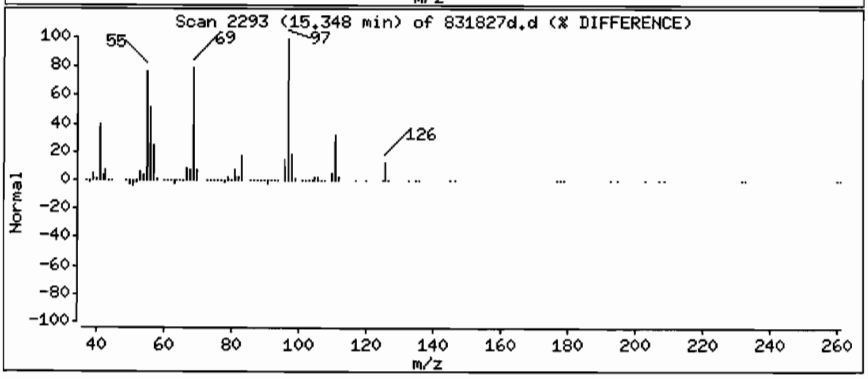












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

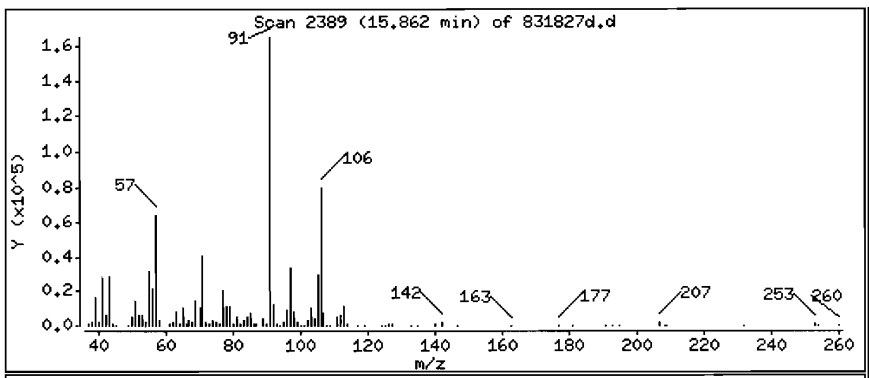
Client ID: CE-VAPOR-4 Instrument: F.i

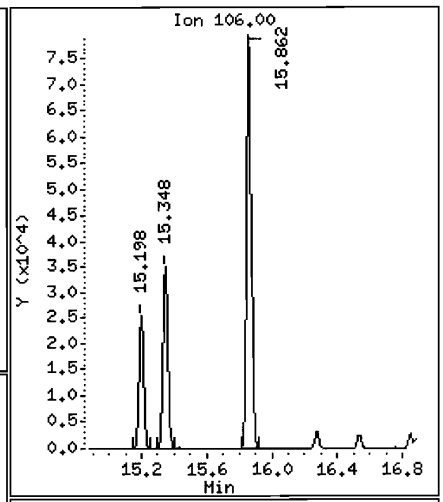
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

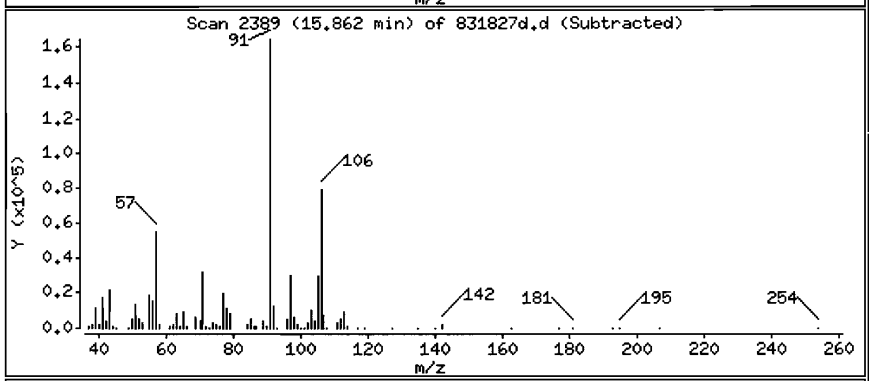
Purge Volume: 20.0 Operator: wrd

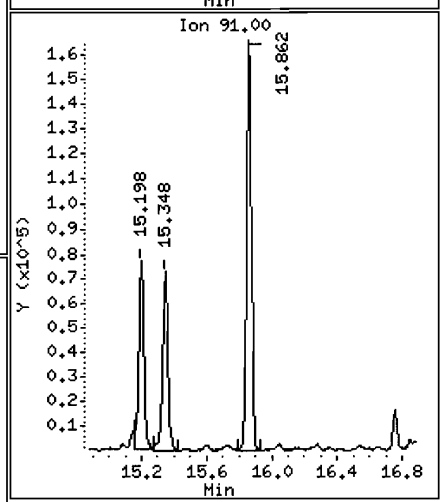
Column phase: RTX-624 Column diameter: 0.32

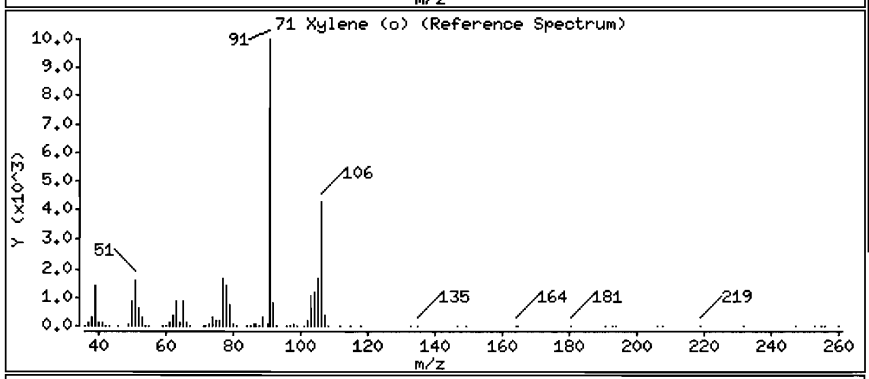
71 Xylene (o) Concentration: 15 ppbv

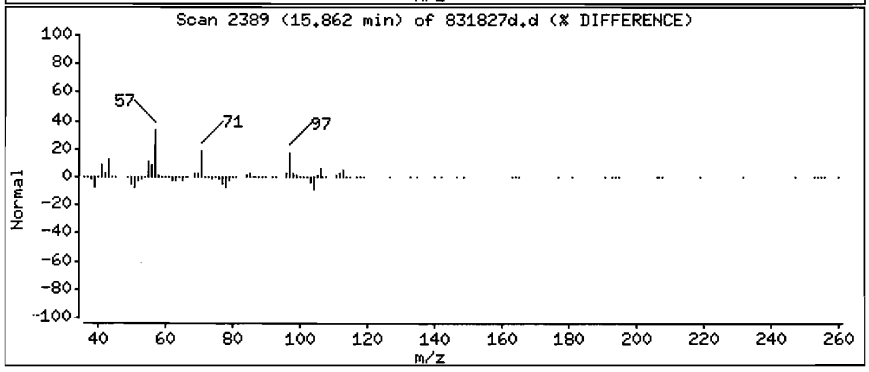












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

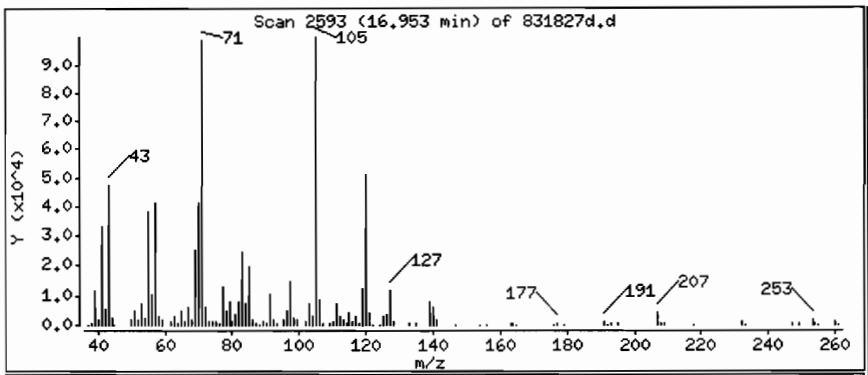
Client ID: CE-VAPOR-4 Instrument: F.i

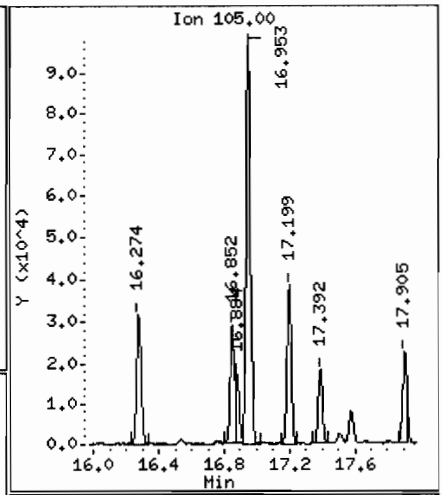
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

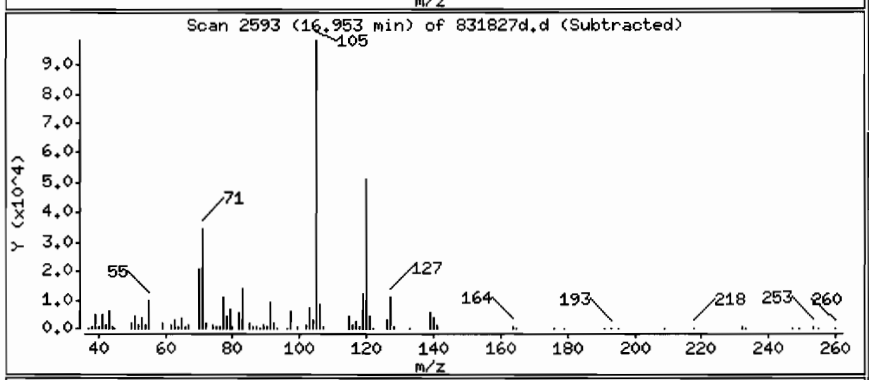
Purge Volume: 20.0 Operator: wrd

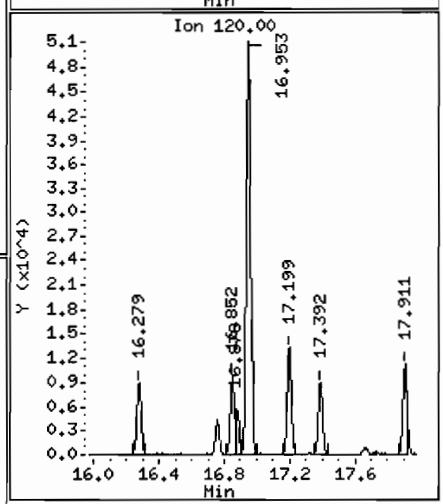
Column phase: RTX-624 Column diameter: 0.32

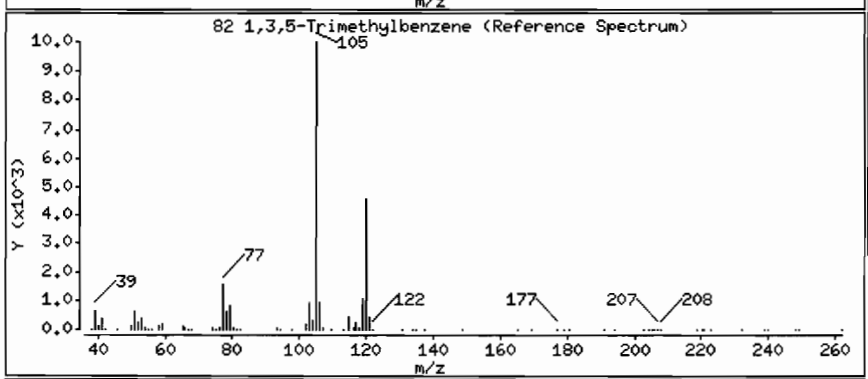
82 1,3,5-Trimethylbenzene Concentration: 7.1 ppbv

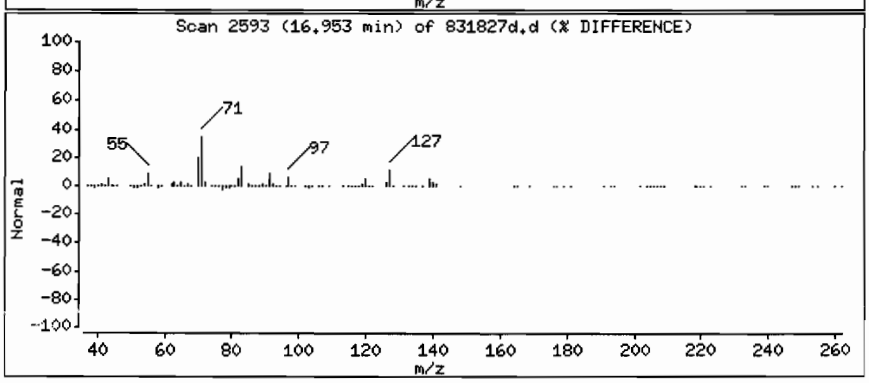












Standards – TO-15 Volatile

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
Dichlorodifluoromethane		2.339	2.320	2.300	2.118			
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234			
Chloromethane		0.773	0.723	0.716	0.657			
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882			
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668			
Bromomethane	1.089	1.072	1.040	1.018	1.009			
Chloroethane		0.591	0.571	0.565	0.547			
Bromoethene	1.101	1.096	1.068	1.051	1.054			
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766			
Freon TF	2.049	2.077	2.023	2.000	2.018			
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957			
Acetone			1.786	1.844	1.638			
Isopropyl Alcohol			1.362	1.316	1.279			
Carbon disulfide		3.110	3.157	3.096	3.102			
3-Chloropropene	1.307	1.316	1.372	1.370	1.316			
Methylene chloride		1.375	1.221	1.195	1.150			
tert-Butyl Alcohol			2.012	1.964	1.944			
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146			
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661			
n-Hexane	1.885	1.828	1.827	1.773	1.750			
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008			*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560			
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149			
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405			
Chloroform	2.426	2.346	2.363	2.327	2.300			
Tetrahydrofuran			0.256	0.254	0.248			
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496			
Cyclohexane	0.319	0.310	0.321	0.317	0.325			
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531			
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123			
Benzene	0.743	0.719	0.702	0.688	0.700			
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325			
n-Heptane	0.449	0.443	0.427	0.421	0.411			
Trichloroethene	0.322	0.314	0.315	0.313	0.319			
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265			
1,4-Dioxane			0.106	0.103	0.105			
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424			
Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530			
Toluene	0.562	0.536	0.532	0.532	0.561			
trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447			
1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272			
Tetrachloroethene	0.466	0.451	0.447	0.450	0.486			
Methyl Butyl Ketone		0.496	0.531	0.538	0.543			
Dibromochloromethane	0.506	0.498	0.544	0.562	0.600			
1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522			
Chlorobenzene *	0.766	0.749	0.735	0.741	0.779			*
Ethylbenzene	1.234	1.192	1.176	1.182	1.220			
Xylene (m,p)	0.488	0.481	0.478	0.487	0.506			
Xylene (o)	0.456	0.463	0.468	0.479	0.499			
Xylenes, Total	0.456	0.463	0.468	0.479	0.499			
Styrene	0.716	0.691	0.732	0.752	0.792			
Bromoform	0.472	0.477	0.576	0.606	0.656			
1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729			
4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460			
1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213			
2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309			
1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224			
1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876			
1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877			
1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823			
1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720			
Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

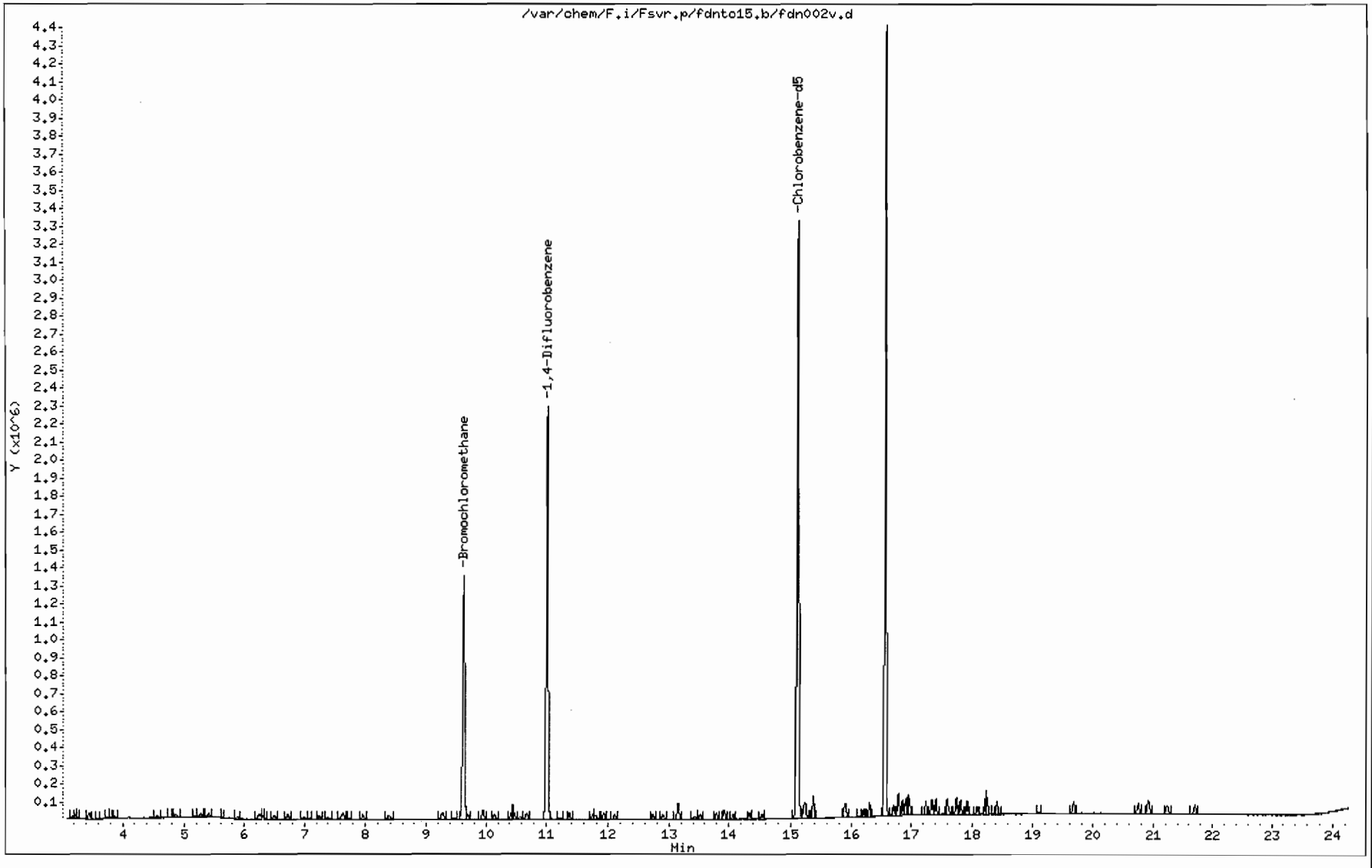
COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d
Date : 07-APR-2010 11:04
Client ID: ASTD0.2
Sample Info: ic 022289
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d
Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
Inj Date : 07-APR-2010 11:04
Operator : wrd Inst ID: F.i
Smp Info : ic 022289
Misc Info : ASTD0.2;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:04 Cal File: fdn002v.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	5378	0.20000	0.23(a)
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	23169	0.20000	0.22(a)
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	12804	0.20000	0.23(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.451	3.456	(0.359)	24158	0.20000	0.21
5 Chloromethane	50	3.590	3.584	(0.373)	7371	0.20000	0.22(a)
6 Butane	43	3.766	3.766	(0.392)	13220	0.20000	0.22(a)
7 Vinyl chloride	62	3.809	3.809	(0.396)	8928	0.20000	0.20
8 Butadiene	54	3.873	3.879	(0.403)	7298	0.20000	0.22(a)
9 Bromomethane	94	4.569	4.563	(0.475)	10700	0.20000	0.21
10 Chloroethane	64	4.788	4.788	(0.498)	5698	0.20000	0.21(a)
11 2-Methylbutane	43	4.863	4.868	(0.506)	13293	0.20000	0.23
12 Vinyl bromide	106	5.178	5.179	(0.538)	10812	0.20000	0.21
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	28698	0.20000	0.21
14 Pentane	43	5.398	5.403	(0.561)	19122	0.20000	0.23(a)
15 Ethanol	45	5.751	5.730	(0.598)	10369	0.20000	0.51(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	16 Ethyl ether	59	5.885	5.863	(0.612)	8041	0.20000	0.20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	20121	0.20000	0.20
	18 Acrolein	56	6.227	6.216	(0.647)	5765	0.20000	0.27(a)
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	9952	0.20000	0.21
	20 Acetone	43	6.505	6.489	(0.676)	38841	0.20000	0.48(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	31155	0.20000	0.21(a)
	22 Isopropyl alcohol	45	6.714	6.693	(0.698)	18533	0.20000	0.30(a)
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	12836	0.20000	0.20(a)
	24 Acetonitrile	41	7.094	7.078	(0.737)	8591	0.20000	0.22(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	15585	0.20000	0.27(a)
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	18929	0.20000	0.20(a)
	27 Methyl tert-butyl ether	73	7.613	7.602	(0.791)	31735	0.20000	0.21(a)
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	17029	0.20000	0.21
	29 Acrylonitrile	53	7.736	7.730	(0.804)	8318	0.20000	0.21(a)
	30 Hexane	57	7.966	7.966	(0.828)	18515	0.20000	0.21(a)
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	20551	0.20000	0.21
	32 Vinyl acetate	43	8.394	8.388	(0.873)	28511	0.20000	0.21(a)
M	33 1,2-Dichloroethene,Total	61				28705	0.40000	0.42
	34 cis-1,2-Dichloroethene	96	9.250	9.260	(0.962)	11676	0.20000	0.21
	35 Ethyl acetate	88	9.276	9.271	(0.964)	732	0.20000	0.15(aQ)
	36 2-Butanone(MEK)	72	9.276	9.260	(0.964)	5566	0.20000	0.21(aQ)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	491070	10.0000	
	38 Tetrahydrofuran	42	9.662	9.640	(0.878)	13355	0.20000	0.22(a)
	39 Chloroform	83	9.688	9.694	(1.007)	23830	0.20000	0.21
	40 Cyclohexane	84	9.950	9.956	(0.904)	15527	0.20000	0.20
	41 1,1,1-Trichloroethane	97	9.940	9.950	(0.903)	24634	0.20000	0.21
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	24712	0.20000	0.20
	43 Isooctane	57	10.432	10.432	(0.948)	56624	0.20000	0.21
	44 Benzene	78	10.469	10.475	(0.951)	36129	0.20000	0.21
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	15983	0.20000	0.20
	46 n-Heptane	43	10.678	10.678	(0.970)	21843	0.20000	0.21
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2432532	10.0000	
	48 n-Butanol	56	11.229	11.208	(1.020)	6706	0.20000	0.20(aQ)
	49 Trichloroethene	95	11.373	11.373	(1.033)	15682	0.20000	0.20
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	12840	0.20000	0.20
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	12492	0.20000	0.20(a)
	52 Dibromomethane	174	11.924	11.930	(1.083)	15114	0.20000	0.20
	53 1,4-Dioxane	88	11.914	11.882	(1.082)	5310	0.20000	0.21(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	24810	0.20000	0.20
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	19699	0.20000	0.20
	56 4-Methyl-2-pentanone(MIBK)	43	12.898	12.887	(1.172)	24181	0.20000	0.19(a)
	57 n-Octane	43	13.144	13.144	(1.194)	28501	0.20000	0.21
	58 Toluene	92	13.155	13.160	(0.870)	26144	0.20000	0.21
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	19584	0.20000	0.19(a)
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	13005	0.20000	0.21(Q)
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	21682	0.20000	0.20
	62 2-Hexanone	43	14.070	14.064	(0.931)	24308	0.20000	0.20(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	23571	0.20000	0.18(a)
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	23062	0.20000	0.20
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2327300	10.0000	
66	Chlorobenzene	112	15.150	15.150	(1.002)	35682	0.20000	0.20
67	n-Nonane	57	15.247	15.247	(1.009)	28786	0.20000	0.22
68	Ethylbenzene	91	15.220	15.225	(1.007)	57462	0.20000	0.21
69	Xylene (m,p)	106	15.370	15.375	(1.017)	45445	0.40000	0.40
M 70	Xylenes, Total	106				66674	0.20000	0.60
71	o-Xylene	106	15.883	15.883	(1.051)	21229	0.20000	0.19(a)
72	Styrene	104	15.910	15.910	(1.053)	33325	0.20000	0.19(a)
73	Bromoform	173	16.199	16.199	(1.072)	21968	0.20000	0.16(a)
74	Isopropylbenzene	105	16.300	16.301	(1.079)	63282	0.20000	0.20
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	32838	0.20000	0.20
77	n-Propylbenzene	91	16.777	16.782	(1.110)	76078	0.20000	0.20
78	1,2,3-Trichloropropane	75	16.787	16.793	(1.111)	26899	0.20000	0.21(a)
79	n-Decane	57	16.852	16.852	(1.115)	35318	0.20000	0.21(a)
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	65866	0.20000	0.20
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	60835	0.20000	0.21
82	1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	52538	0.20000	0.19(a)
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	25151	0.20000	0.18(a)
84	tert-butylbenzene	119	17.344	17.344	(1.148)	50774	0.20000	0.19(a)
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	54449	0.20000	0.20
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	74786	0.20000	0.19(a)
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	63662	0.20000	0.19(a)
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	37896	0.20000	0.19(a)
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	37382	0.20000	0.19(a)
90	Benzyl chloride	91	18.087	18.087	(1.197)	40170	0.20000	0.17(a)
91	Undecane	57	18.221	18.221	(1.206)	38583	0.20000	0.20(a)
92	n-Butylbenzene	91	18.253	18.253	(1.208)	58434	0.20000	0.19(a)
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	35525	0.20000	0.19(a)
94	Dodecane	57	19.671	19.671	(1.302)	34232	0.20000	0.18(a)
95	1,2,4-Trichlorobenzene	180	20.757	20.752	(1.373)	28390	0.20000	0.18(a)
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	27331	0.20000	0.19(a)
97	Naphthalene	128	21.228	21.233	(1.405)	66206	0.20000	0.20(a)
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	28844	0.20000	0.20

QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d

Page 4

Date : 07-APR-2010 11:57

Client ID: ASTD0.5

Instrument: F.i

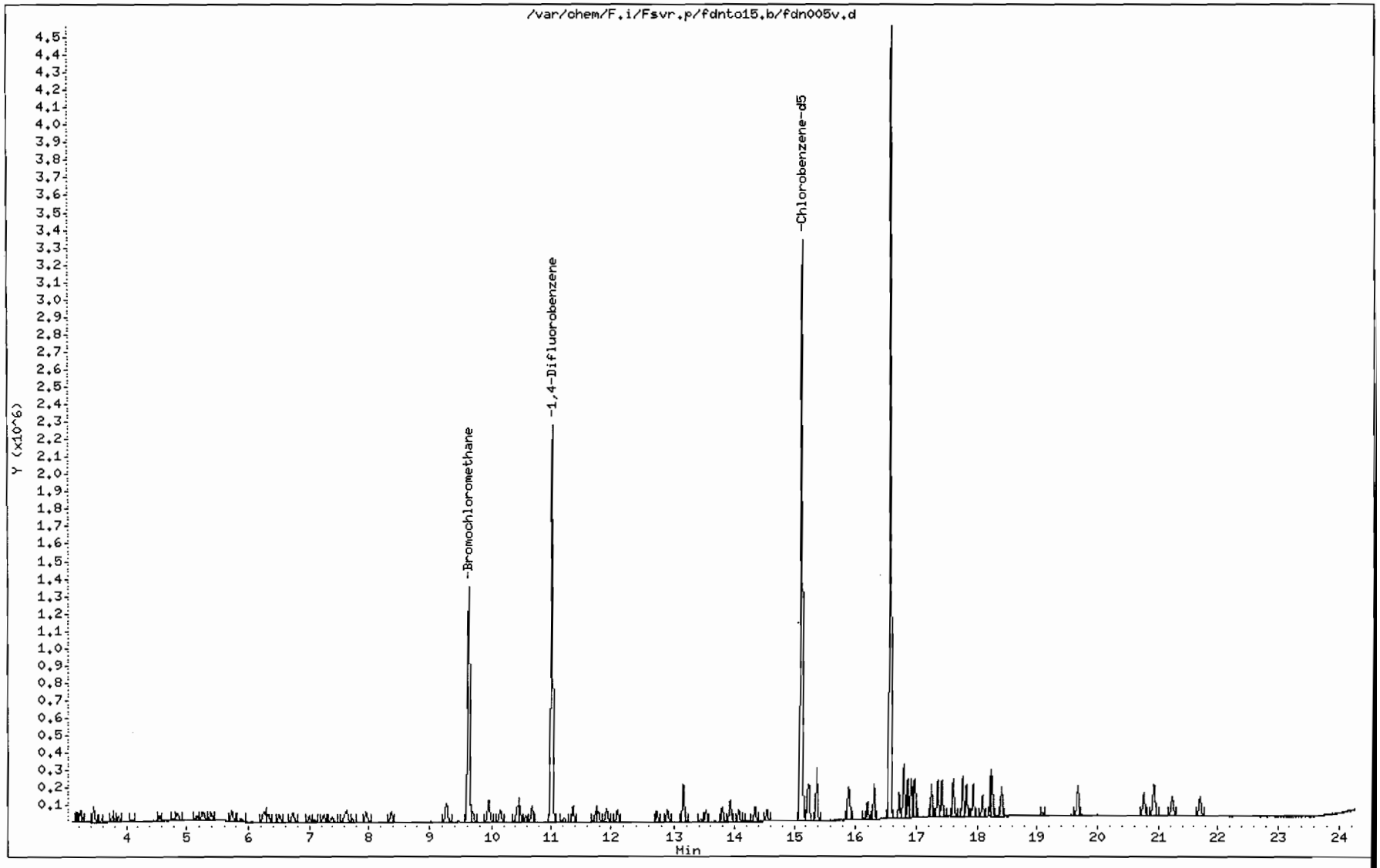
Sample Info: ic 022287

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d
Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
Inj Date : 07-APR-2010 11:57
Operator : wrd Inst ID: F.i
Smp Info : ic 022287
Misc Info : ASTD0.5;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:57 Cal File: fdn005v.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	12398	0.50000	0.55
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	55796	0.50000	0.54
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	31293	0.50000	0.57
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	59034	0.50000	0.54
5	Chloromethane	50	3.584	3.584	(0.373)	18436	0.50000	0.57
6	Butane	43	3.766	3.766	(0.392)	32899	0.50000	0.57
7	Vinyl chloride	62	3.804	3.809	(0.395)	22011	0.50000	0.52
8	Butadiene	54	3.878	3.879	(0.403)	17824	0.50000	0.54
9	Bromomethane	94	4.563	4.563	(0.474)	25577	0.50000	0.53
10	Chloroethane	64	4.788	4.788	(0.498)	14109	0.50000	0.54
11	2-Methylbutane	43	4.857	4.868	(0.505)	29030	0.50000	0.52
12	Vinyl bromide	106	5.178	5.179	(0.538)	26146	0.50000	0.52
13	Trichlorofluoromethane	101	5.264	5.275	(0.547)	70340	0.50000	0.53
14	Pentane	43	5.403	5.403	(0.562)	43789	0.50000	0.53
15	Ethanol	45	5.729	5.730	(0.596)	102301	5.00000	5.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.868	5.863	(0.610)	19856	0.50000	0.52
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	49548	0.50000	0.52
	18 Acrolein	56	6.227	6.216	(0.647)	12550	0.50000	0.60(a)
	19 1,1-Dichloroethene	96	6.318	6.323	(0.657)	23216	0.50000	0.50
	20 Acetone	43	6.500	6.489	(0.676)	71062	0.50000	0.89(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	74213	0.50000	0.51
	22 Isopropyl alcohol	45	6.708	6.693	(0.697)	37735	0.50000	0.62(a)
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	31397	0.50000	0.50
	24 Acetonitrile	41	7.083	7.078	(0.736)	19504	0.50000	0.51(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	32813	0.50000	0.58
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	47826	0.50000	0.52(a)
	27 Methyl tert-butyl ether	73	7.607	7.602	(0.791)	75214	0.50000	0.50
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	40773	0.50000	0.51
	29 Acrylonitrile	53	7.730	7.730	(0.804)	18588	0.50000	0.49(a)
	30 Hexane	57	7.966	7.966	(0.828)	43602	0.50000	0.52
	31 1,1-Dichloroethane	63	8.367	8.372	(0.870)	49346	0.50000	0.51
	32 Vinyl acetate	43	8.388	8.388	(0.872)	63714	0.50000	0.49(a)
M	33 1,2-Dichloroethene,Total	61				68474	1.00000	1.0
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	27701	0.50000	0.51
	35 Ethyl acetate	88	9.276	9.271	(0.964)	2245	0.50000	0.48(aQ)
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	13457	0.50000	0.51
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	477162	10.0000	
	38 Tetrahydrofuran	42	9.656	9.640	(0.877)	31124	0.50000	0.53(a)
	39 Chloroform	83	9.694	9.694	(1.008)	55962	0.50000	0.51
	40 Cyclohexane	84	9.956	9.956	(0.904)	36900	0.50000	0.49
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.904)	57571	0.50000	0.49
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	59958	0.50000	0.48
	43 Isooctane	57	10.426	10.432	(0.947)	135189	0.50000	0.51
	44 Benzene	78	10.469	10.475	(0.951)	85424	0.50000	0.51
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	39545	0.50000	0.51
	46 n-Heptane	43	10.683	10.678	(0.970)	52623	0.50000	0.53
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2376868	10.0000	
	48 n-Butanol	56	11.224	11.208	(1.019)	16773	0.50000	0.52(a)
	49 Trichloroethene	95	11.368	11.373	(1.033)	37359	0.50000	0.50
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	32128	0.50000	0.51
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	29341	0.50000	0.47(a)
	52 Dibromomethane	174	11.930	11.930	(1.084)	34632	0.50000	0.48
	53 1,4-Dioxane	88	11.903	11.882	(1.081)	12540	0.50000	0.51(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	58589	0.50000	0.47
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	47343	0.50000	0.48
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.171)	60070	0.50000	0.49(a)
	57 n-Octane	43	13.144	13.144	(1.194)	73560	0.50000	0.55
	58 Toluene	92	13.160	13.160	(0.871)	61473	0.50000	0.49
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	49153	0.50000	0.48
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	29912	0.50000	0.49
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	51696	0.50000	0.48
	62 2-Hexanone	43	14.070	14.064	(0.931)	56916	0.50000	0.47(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	57147	0.50000	0.44
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	54786	0.50000	0.47
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2293887	10.0000	
66	Chlorobenzene	112	15.156	15.150	(1.003)	85951	0.50000	0.49
67	n-Nonane	57	15.247	15.247	(1.009)	68656	0.50000	0.53
68	Ethylbenzene	91	15.225	15.225	(1.007)	136686	0.50000	0.50
69	Xylene (m,p)	106	15.375	15.375	(1.017)	110277	1.00000	0.99
M 70	Xylenes, Total	106				163394	0.50000	1.5
71	o-Xylene	106	15.883	15.883	(1.051)	53117	0.50000	0.49
72	Styrene	104	15.910	15.910	(1.053)	79287	0.50000	0.46
73	Bromoform	173	16.199	16.199	(1.072)	54672	0.50000	0.40
74	Isopropylbenzene	105	16.300	16.301	(1.079)	150621	0.50000	0.48
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	80247	0.50000	0.49
77	n-Propylbenzene	91	16.777	16.782	(1.110)	185739	0.50000	0.50
78	1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	64879	0.50000	0.51
79	n-Decane	57	16.851	16.852	(1.115)	85828	0.50000	0.51
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	156224	0.50000	0.48
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	143743	0.50000	0.49
82	1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	129625	0.50000	0.49
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	62536	0.50000	0.44
84	tert-butylbenzene	119	17.344	17.344	(1.148)	123265	0.50000	0.48
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	127661	0.50000	0.47
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	185357	0.50000	0.49
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	156477	0.50000	0.47
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	89685	0.50000	0.46
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	88019	0.50000	0.46
90	Benzyl chloride	91	18.087	18.087	(1.197)	100215	0.50000	0.43
91	Undecane	57	18.221	18.221	(1.206)	96407	0.50000	0.52(a)
92	n-Butylbenzene	91	18.253	18.253	(1.208)	146863	0.50000	0.50
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	83117	0.50000	0.46
94	Dodecane	57	19.676	19.671	(1.302)	85596	0.50000	0.46(a)
95	1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	65715	0.50000	0.42(a)
96	Hexachlorobutadiene	225	20.917	20.923	(1.384)	63432	0.50000	0.45
97	Naphthalene	128	21.233	21.233	(1.405)	146232	0.50000	0.44(a)
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	62391	0.50000	0.43

QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d

Page 4

Date : 07-APR-2010 12:51

Client ID: ASTD05

Instrument: F.i

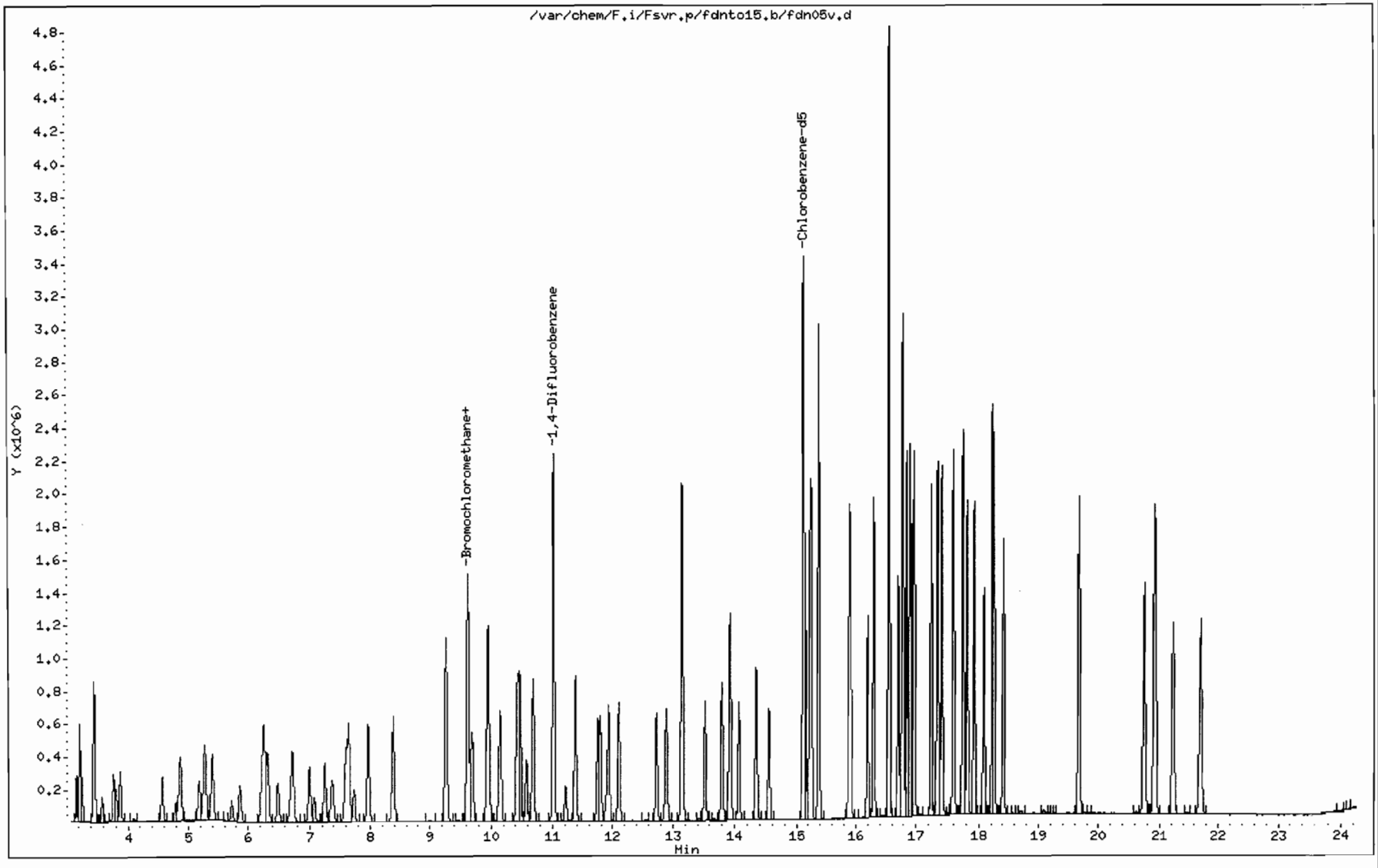
Sample Info: ic 021996

Purge Volume: 2000.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d
Lab Smp Id: ASTD05 Client Smp ID: ASTD05
Inj Date : 07-APR-2010 12:51
Operator : wrd Inst ID: F.i
Smp Info : ic 021996
Misc Info : ASTD05;040710FA;1;2000
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 12:51 Cal File: fdn05v.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	2000.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	120455	5.00000	5.4
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	548165	5.00000	5.4
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	289440	5.00000	5.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	579597	5.00000	5.3
5 Chloromethane	50	3.584	3.584	(0.373)	170971	5.00000	5.3
6 Butane	43	3.766	3.766	(0.392)	306245	5.00000	5.3
7 Vinyl chloride	62	3.804	3.809	(0.395)	224756	5.00000	5.4
8 Butadiene	54	3.878	3.879	(0.403)	168458	5.00000	5.2
9 Bromomethane	94	4.563	4.563	(0.474)	245707	5.00000	5.1
10 Chloroethane	64	4.788	4.788	(0.498)	134919	5.00000	5.2
11 2-Methylbutane	43	4.863	4.868	(0.506)	288954	5.00000	5.2
12 Vinyl bromide	106	5.178	5.179	(0.538)	252386	5.00000	5.1
13 Trichlorofluoromethane	101	5.269	5.275	(0.548)	682969	5.00000	5.1
14 Pentane	43	5.403	5.403	(0.562)	434881	5.00000	5.4
15 Ethanol	45	5.724	5.730	(0.595)	196300	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	192523	5.00000	5.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.254	6.259	(0.650)	478075	5.00000	5.0
	18 Acrolein	56	6.216	6.216	(0.646)	106758	5.00000	5.2
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	228752	5.00000	5.0
	20 Acetone	43	6.484	6.489	(0.674)	422110	5.00000	5.4
	21 Carbon disulfide	76	6.730	6.730	(0.700)	746114	5.00000	5.1
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	321946	5.00000	5.3
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	324353	5.00000	5.2
	24 Acetonitrile	41	7.078	7.078	(0.736)	198112	5.00000	5.2
	25 Methylene chloride	49	7.249	7.254	(0.754)	288649	5.00000	5.2
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	475605	5.00000	5.2
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	750109	5.00000	5.1
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	407444	5.00000	5.2
	29 Acrylonitrile	53	7.730	7.730	(0.804)	197279	5.00000	5.2
	30 Hexane	57	7.966	7.966	(0.828)	431741	5.00000	5.2
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	490055	5.00000	5.1
	32 Vinyl acetate	43	8.383	8.388	(0.872)	682110	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				681821	10.0000	10
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	274377	5.00000	5.1
	35 Ethyl acetate	88	9.271	9.271	(0.964)	23567	5.00000	5.0
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	133990	5.00000	5.2
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	472643	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	301671	5.00000	5.2
	39 Chloroform	83	9.694	9.694	(1.008)	558401	5.00000	5.1
	40 Cyclohexane	84	9.956	9.956	(0.904)	378045	5.00000	5.0
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	585330	5.00000	5.1
	42 Carbon tetrachloride	117	10.143	10.148	(0.921)	611713	5.00000	5.0
	43 Isooctane	57	10.432	10.432	(0.948)	1344495	5.00000	5.1
	44 Benzene	78	10.469	10.475	(0.951)	826438	5.00000	5.0
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	396228	5.00000	5.2
	46 n-Heptane	43	10.678	10.678	(0.970)	502371	5.00000	5.1
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2352647	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	156752	5.00000	4.9(a)
	49 Trichloroethene	95	11.373	11.373	(1.033)	370275	5.00000	5.0
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	314647	5.00000	5.1
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	308545	5.00000	5.0
	52 Dibromomethane	174	11.930	11.930	(1.084)	342271	5.00000	4.8
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	125122	5.00000	5.1
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	620283	5.00000	5.1
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	489727	5.00000	5.0
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	635184	5.00000	5.2
	57 n-Octane	43	13.144	13.144	(1.194)	705661	5.00000	5.4
	58 Toluene	92	13.160	13.160	(0.871)	624277	5.00000	4.9
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	519353	5.00000	5.1
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	307742	5.00000	4.9
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	524621	5.00000	4.7
	62 2-Hexanone	43	14.064	14.064	(0.931)	623611	5.00000	5.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	638509	5.00000	4.8
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	575142	5.00000	4.9
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2346886	10.0000	
66	Chlorobenzene	112	15.150	15.150	(1.002)	862730	5.00000	4.8
67	n-Nonane	57	15.247	15.247	(1.009)	690954	5.00000	5.2
68	Ethylbenzene	91	15.225	15.225	(1.007)	1380251	5.00000	4.9
69	Xylene (m,p)	106	15.375	15.375	(1.017)	1121283	10.0000	9.9
M 70	Xylenes, Total	106				1670952	5.00000	15
71	o-Xylene	106	15.883	15.883	(1.051)	549669	5.00000	4.9
72	Styrene	104	15.910	15.910	(1.053)	859103	5.00000	4.9
73	Bromoform	173	16.199	16.199	(1.072)	675972	5.00000	4.9
74	Isopropylbenzene	105	16.300	16.301	(1.079)	1552421	5.00000	4.9
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	828909	5.00000	5.0
77	n-Propylbenzene	91	16.782	16.782	(1.110)	1908794	5.00000	5.1
78	1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	664142	5.00000	5.1
79	n-Decane	57	16.851	16.852	(1.115)	893274	5.00000	5.2
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	1618898	5.00000	4.9
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	1485507	5.00000	5.0
82	1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	1342390	5.00000	4.9
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	704393	5.00000	4.9
84	tert-butylbenzene	119	17.344	17.344	(1.148)	1285604	5.00000	4.9
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	1357357	5.00000	4.9
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	1929902	5.00000	5.0
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	1655193	5.00000	4.9
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	944233	5.00000	4.8
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	940972	5.00000	4.8
90	Benzyl chloride	91	18.087	18.087	(1.197)	1189712	5.00000	5.0
91	Undecane	57	18.221	18.221	(1.206)	1035060	5.00000	5.4
92	n-Butylbenzene	91	18.253	18.253	(1.208)	1538263	5.00000	5.1
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	895655	5.00000	4.8
94	Dodecane	57	19.671	19.671	(1.302)	1002055	5.00000	5.3
95	1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	752648	5.00000	4.7
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	692189	5.00000	4.8
97	Naphthalene	128	21.233	21.233	(1.405)	1617769	5.00000	4.7
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	705639	5.00000	4.8

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d

Page 4

Date : 07-APR-2010 14:37

Client ID: ASTD010

Instrument: F.i

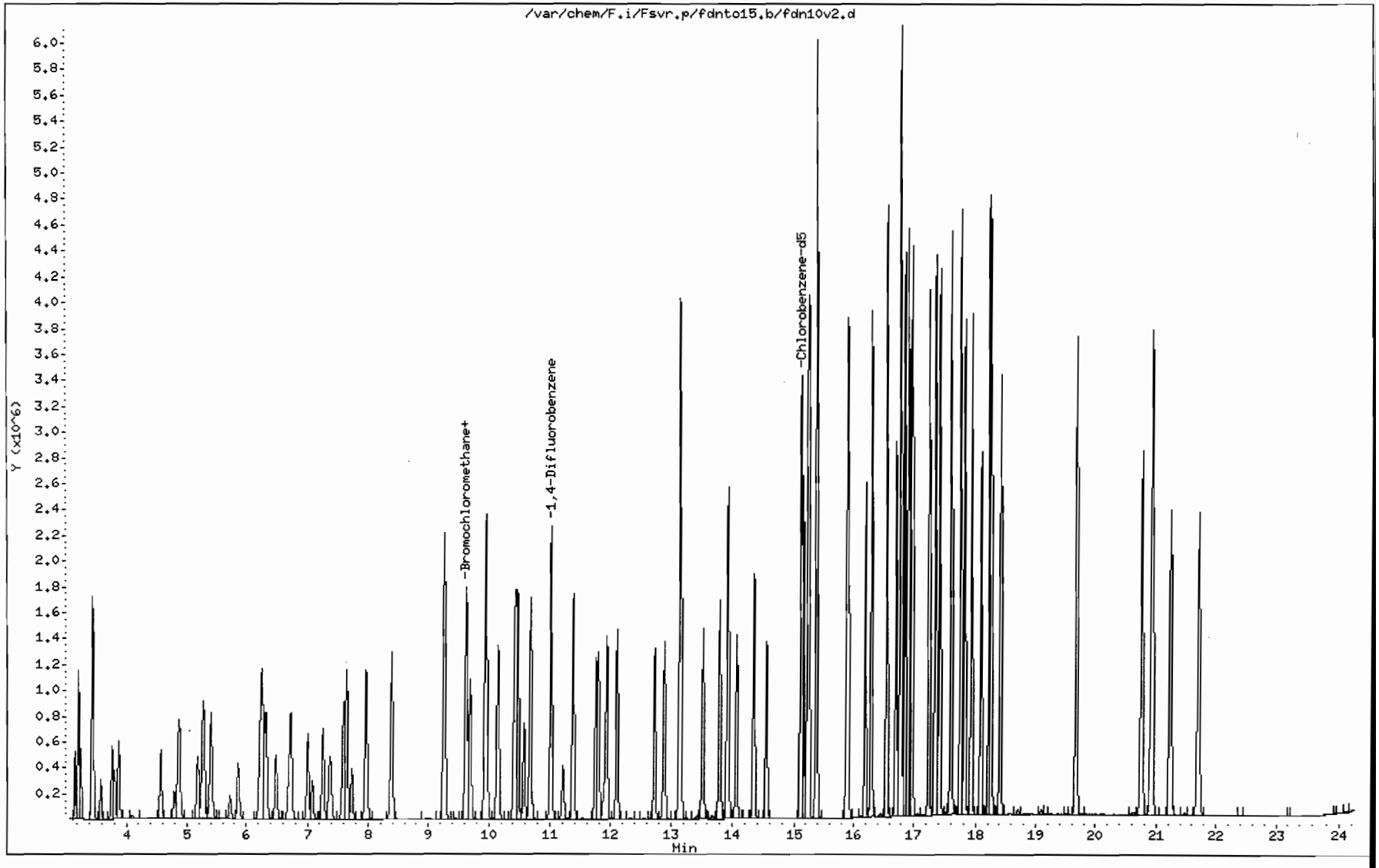
Sample Info: icis 021990

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 07-APR-2010 14:37
Operator : wrd Inst ID: F.i
Smp Info : icis 021990
Misc Info : ASTD010;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 14:37 Cal File: fdn10v2.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	240620	10.0000	11
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1091350	10.0000	11
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	575040	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1151671	10.0000	11
5 Chloromethane	50	3.584	3.584	(0.373)	339790	10.0000	11
6 Butane	43	3.766	3.766	(0.392)	611086	10.0000	11
7 Vinyl chloride	62	3.809	3.809	(0.396)	443423	10.0000	11
8 Butadiene	54	3.879	3.879	(0.403)	336253	10.0000	10
9 Bromomethane	94	4.563	4.563	(0.474)	482917	10.0000	10
10 Chloroethane	64	4.788	4.788	(0.498)	267989	10.0000	10
11 2-Methylbutane	43	4.868	4.868	(0.506)	575947	10.0000	10
12 Vinyl bromide	106	5.179	5.179	(0.538)	498652	10.0000	9.9
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	1361163	10.0000	10
14 Pentane	43	5.403	5.403	(0.562)	864385	10.0000	11
15 Ethanol	45	5.730	5.730	(0.596)	291208	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	382581	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	948630	10.0000	9.9
	18 Acrolein	56	6.216	6.216	(0.646)	213282	10.0000	10
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	450638	10.0000	9.9
	20 Acetone	43	6.489	6.489	(0.675)	874961	10.0000	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1468703	10.0000	10
	22 Isopropyl alcohol	45	6.693	6.693	(0.696)	624296	10.0000	10
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	649832	10.0000	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	396271	10.0000	10
	25 Methylene chloride	49	7.254	7.254	(0.754)	566751	10.0000	10
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	931628	10.0000	10
	27 Methyl tert-butyl ether	73	7.602	7.602	(0.790)	1497963	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	805584	10.0000	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	392167	10.0000	10
	30 Hexane	57	7.966	7.966	(0.828)	841032	10.0000	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	974755	10.0000	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1363151	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1345063	20.0000	20
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	539479	10.0000	9.9
	35 Ethyl acetate	88	9.271	9.271	(0.964)	47006	10.0000	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	264497	10.0000	10
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	474417	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	597858	10.0000	10
	39 Chloroform	83	9.694	9.694	(1.008)	1104155	10.0000	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	746630	10.0000	10
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	1154883	10.0000	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	1224766	10.0000	10
	43 Isooctane	57	10.432	10.432	(0.947)	2655629	10.0000	10
	44 Benzene	78	10.475	10.475	(0.951)	1619131	10.0000	9.8
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	774436	10.0000	10
	46 n-Heptane	43	10.678	10.678	(0.969)	990057	10.0000	10
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2353546	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	308387	10.0000	9.7
	49 Trichloroethene	95	11.373	11.373	(1.033)	737740	10.0000	9.9
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	619430	10.0000	10
	51 Methyl methacrylate	69	11.791	11.791	(1.070)	619884	10.0000	10
	52 Dibromomethane	174	11.930	11.930	(1.083)	691331	10.0000	9.7
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	242636	10.0000	9.9(M)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1244570	10.0000	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	986661	10.0000	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	1269724	10.0000	10
	57 n-Octane	43	13.144	13.144	(1.193)	1370578	10.0000	10
	58 Toluene	92	13.160	13.160	(0.871)	1235144	10.0000	9.8
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1049835	10.0000	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	605232	10.0000	9.7
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	1044696	10.0000	9.5
	62 2-Hexanone	43	14.064	14.064	(0.931)	1249114	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1303471	10.0000	10
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1150516	10.0000	9.8
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2319359	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1719380	10.0000	9.7
	67 n-Nonane	57	15.247	15.247	(1.009)	1346176	10.0000	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2742676	10.0000	9.9
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	2259205	20.0000	20
M	70 Xylenes, Total	106				3370890	10.0000	30
	71 o-Xylene	106	15.883	15.883	(1.051)	1111685	10.0000	10
	72 Styrene	104	15.910	15.910	(1.053)	1744658	10.0000	10
	73 Bromoform	173	16.199	16.199	(1.072)	1405091	10.0000	10
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3117984	10.0000	9.9
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1650741	10.0000	10
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	3807852	10.0000	10
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1319336	10.0000	10
	79 n-Decane	57	16.852	16.852	(1.115)	1751541	10.0000	10
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3258029	10.0000	10
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	2966867	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	2714936	10.0000	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1448201	10.0000	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2590746	10.0000	9.9
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2732382	10.0000	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	3882031	10.0000	10
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3349171	10.0000	10
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	1900807	10.0000	9.7
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	1903453	10.0000	9.8
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2422363	10.0000	10
	91 Undecane	57	18.221	18.221	(1.206)	1990871	10.0000	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3047504	10.0000	10
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1802359	10.0000	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	1928635	10.0000	10
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1505904	10.0000	9.5
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1372890	10.0000	9.6
	97 Naphthalene	128	21.233	21.233	(1.405)	3242066	10.0000	9.6
	98 1,2,3-Trichlorobenzene	180	21.704	21.704	(1.436)	1398488	10.0000	9.6

QC Flag Legend

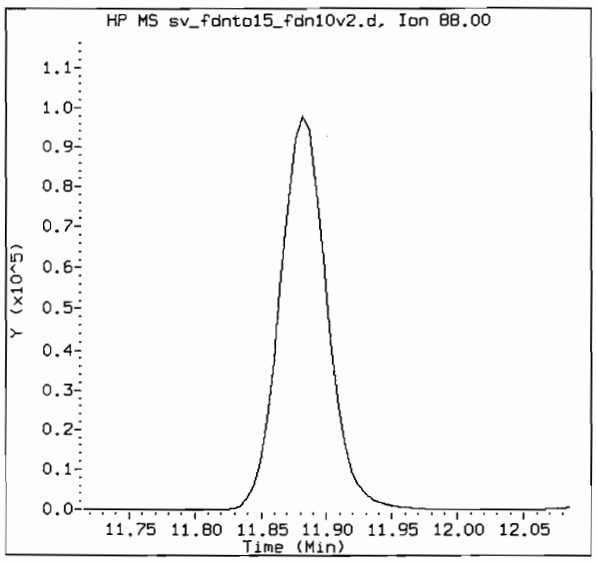
M - Compound response manually integrated.

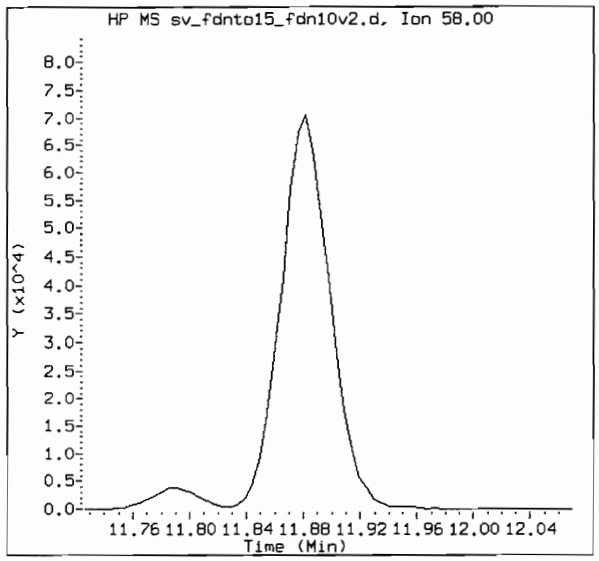
MANUAL INTEGRATION REPORT

Data File Name: fdn10v2.d
Client Sample ID: ASTD010
Compound Name: 1,4-Dioxane

Inj. Date and Time: 07-APR-2010 14:37
Instrument ID: F.i
CAS #: 123-91-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/12/2010 21:34





Original Integrations:

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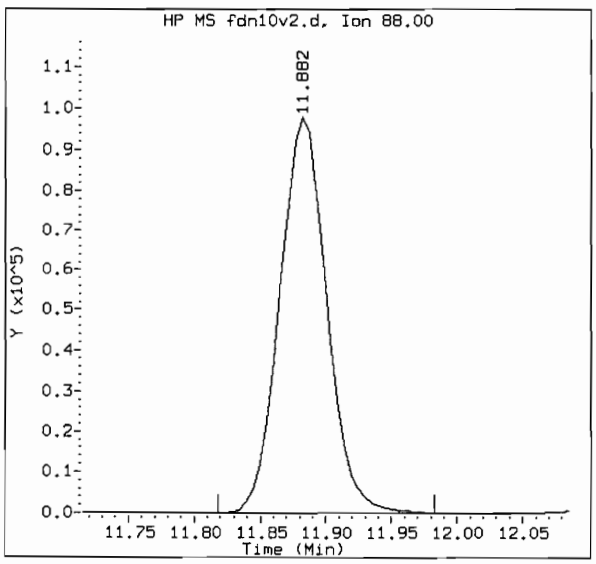
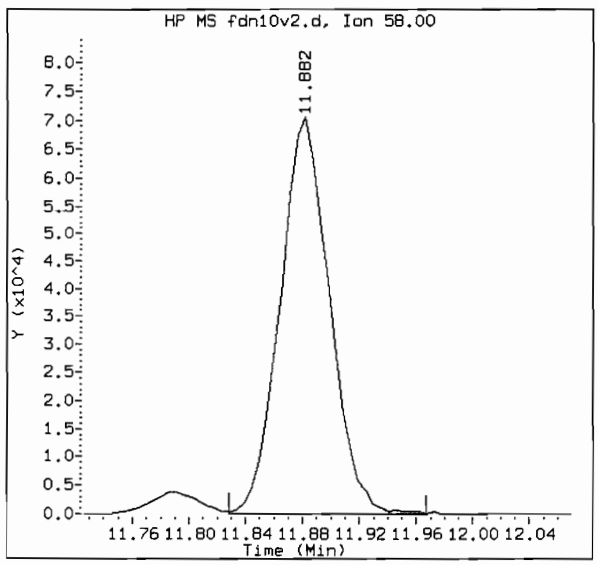
Area = 5815





Final Integrations:

Area = 242636

Area = 169510

Manual Integration Reason: MI3 - Mis-identification of peak

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d

Date : 07-APR-2010 15:28

Client ID: ASTD015

Instrument: F.i

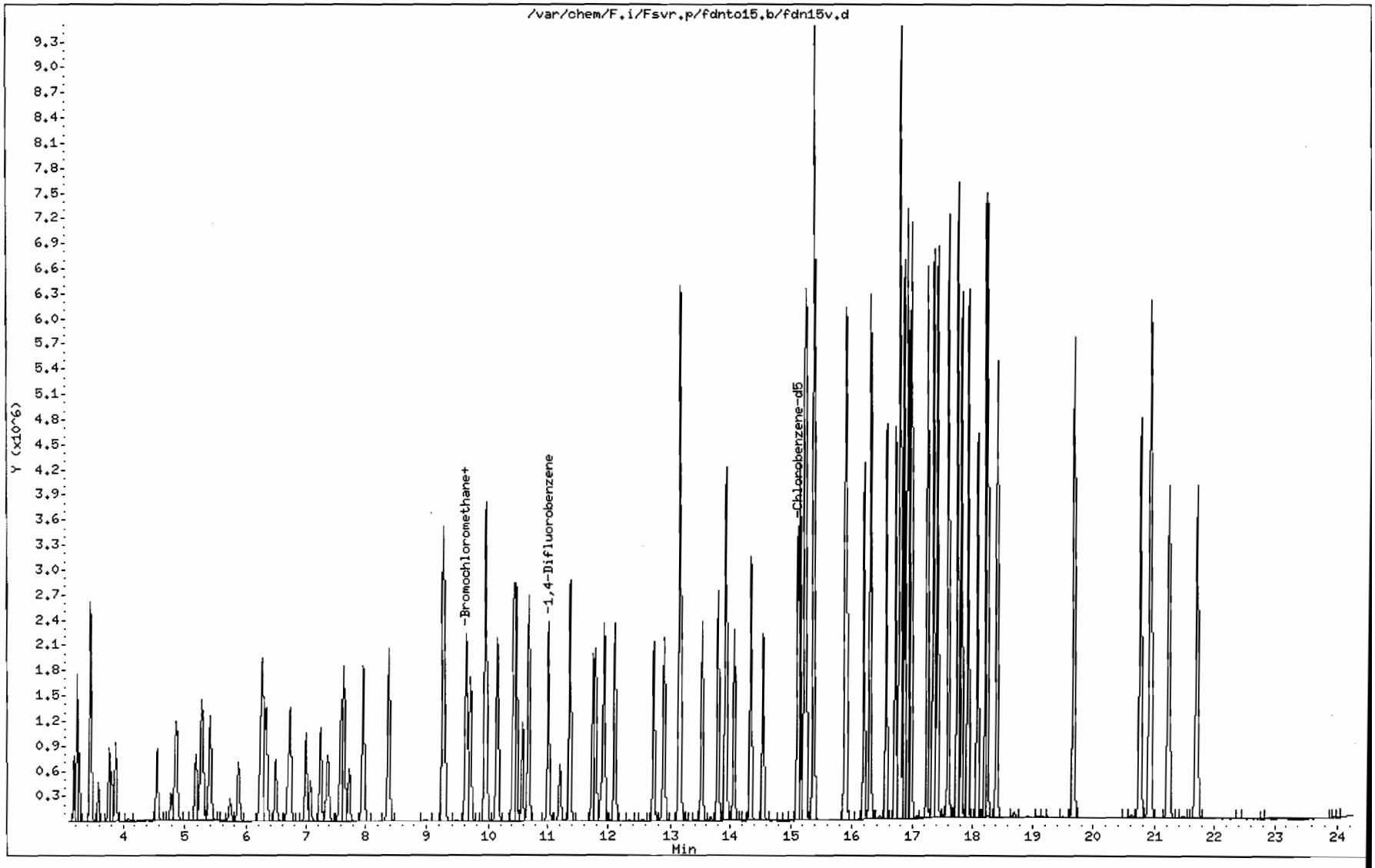
Sample Info: ic 021989

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 07-APR-2010 15:28
Operator : wrd Inst ID: F.i
Smp Info : ic 021989
Misc Info : ASTD015;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 15:28 Cal File: fdn15v.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	361235	15.0000	15
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1658397	15.0000	15
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	865597	15.0000	14
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1749288	15.0000	15
5	Chloromethane	50	3.584	3.584	(0.373)	514703	15.0000	15
6	Butane	43	3.771	3.766	(0.392)	941152	15.0000	15
7	Vinyl chloride	62	3.809	3.809	(0.396)	690668	15.0000	15
8	Butadiene	54	3.878	3.879	(0.403)	523082	15.0000	15
9	Bromomethane	94	4.563	4.563	(0.474)	789696	15.0000	15
10	Chloroethane	64	4.788	4.788	(0.498)	428086	15.0000	15
11	2-Methylbutane	43	4.868	4.868	(0.506)	893758	15.0000	15
12	Vinyl bromide	106	5.178	5.179	(0.538)	825257	15.0000	15
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	2165828	15.0000	15
14	Pentane	43	5.408	5.403	(0.562)	1335402	15.0000	15
15	Ethanol	45	5.724	5.730	(0.595)	428930	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16	Ethyl ether	59	5.863	5.863	(0.610)	624770	15.0000	15
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1580154	15.0000	15
18	Acrolein	56	6.216	6.216	(0.646)	348275	15.0000	15
19	1,1-Dichloroethene	96	6.323	6.323	(0.657)	749368	15.0000	15
20	Acetone	43	6.484	6.489	(0.674)	1282266	15.0000	15
21	Carbon disulfide	76	6.730	6.730	(0.700)	2428387	15.0000	15
22	Isopropyl alcohol	45	6.692	6.693	(0.696)	1001504	15.0000	15
23	3-Chloro-1-propene	41	7.003	7.003	(0.728)	1030309	15.0000	15
24	Acetonitrile	41	7.078	7.078	(0.736)	651530	15.0000	15
25	Methylene chloride	49	7.249	7.254	(0.754)	900655	15.0000	15
26	2-Methyl-2-propanol	59	7.372	7.372	(0.766)	1522078	15.0000	15
27	Methyl tert-butyl ether	73	7.596	7.602	(0.790)	2462865	15.0000	15
28	trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1300505	15.0000	15
29	Acrylonitrile	53	7.730	7.730	(0.804)	633448	15.0000	15
30	Hexane	57	7.966	7.966	(0.828)	1369805	15.0000	15
31	1,1-Dichloroethane	63	8.372	8.372	(0.870)	1571718	15.0000	15
32	Vinyl acetate	43	8.388	8.388	(0.872)	2189432	15.0000	15
M 33	1,2-Dichloroethene,Total	61				2200006	30.0000	30
34	cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	899501	15.0000	15
35	Ethyl acetate	88	9.271	9.271	(0.964)	78776	15.0000	15
36	2-Butanone(MEK)	72	9.260	9.260	(0.963)	438543	15.0000	15(Q)
* 37	Bromochloromethane	128	9.619	9.619	(1.000)	521911	10.0000	
38	Tetrahydrofuran	42	9.640	9.640	(0.875)	942646	15.0000	15
39	Chloroform	83	9.694	9.694	(1.008)	1801049	15.0000	15
40	Cyclohexane	84	9.956	9.956	(0.904)	1234905	15.0000	15
41	1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1886409	15.0000	15
42	Carbon tetrachloride	117	10.148	10.148	(0.921)	2019784	15.0000	15
43	Isooctane	57	10.432	10.432	(0.947)	4268865	15.0000	15
44	Benzene	78	10.469	10.475	(0.950)	2660923	15.0000	15
45	1,2-Dichloroethane	62	10.571	10.571	(0.960)	1234641	15.0000	15
46	n-Heptane	43	10.678	10.678	(0.969)	1563566	15.0000	15
* 47	1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2534933	10.0000	
48	n-Butanol	56	11.202	11.208	(1.017)	506776	15.0000	15
49	Trichloroethene	95	11.373	11.373	(1.033)	1211661	15.0000	15
50	1,2-Dichloropropane	63	11.748	11.748	(1.067)	1007076	15.0000	15
51	Methyl methacrylate	69	11.791	11.791	(1.070)	1018019	15.0000	15
52	Dibromomethane	174	11.930	11.930	(1.083)	1172958	15.0000	15
53	1,4-Dioxane	88	11.882	11.882	(1.079)	400417	15.0000	15
54	Dichlorobromomethane	83	12.101	12.101	(1.099)	2025058	15.0000	15
55	cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	1610977	15.0000	15
56	4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	2014811	15.0000	15
57	n-Octane	43	13.144	13.144	(1.193)	2102484	15.0000	15
58	Toluene	92	13.160	13.160	(0.871)	2046030	15.0000	16
59	trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1700672	15.0000	15
60	1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	992269	15.0000	15
61	Tetrachloroethene	166	13.925	13.925	(0.921)	1773493	15.0000	15
62	2-Hexanone	43	14.064	14.064	(0.931)	1981154	15.0000	15

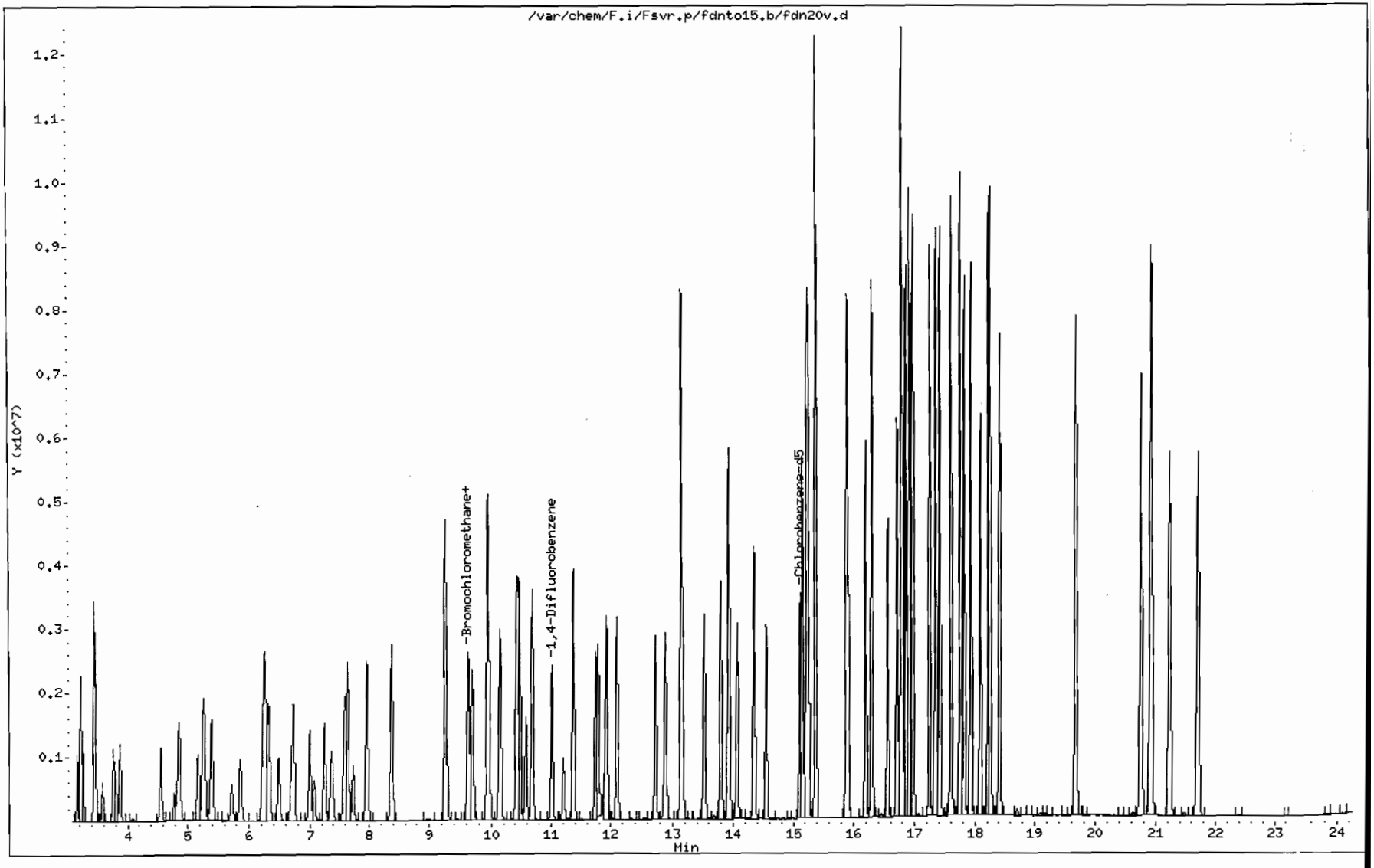
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	2188444	15.0000	16
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1901962	15.0000	16
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2431336	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	2839677	15.0000	15
	67 n-Nonane	57	15.247	15.247	(1.009)	2091135	15.0000	15
	68 Ethylbenzene	91	15.225	15.225	(1.007)	4451279	15.0000	15
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	3691522	30.0000	31
M	70 Xylenes, Total	106				5511262	15.0000	48
	71 o-Xylene	106	15.883	15.883	(1.051)	1819740	15.0000	16
	72 Styrene	104	15.910	15.910	(1.053)	2887048	15.0000	16
	73 Bromoform	173	16.199	16.199	(1.072)	2393201	15.0000	17
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	5100328	15.0000	15
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	2658458	15.0000	15
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	6084095	15.0000	16
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2083368	15.0000	16
	79 n-Decane	57	16.851	16.852	(1.115)	2732828	15.0000	15
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	5324368	15.0000	16
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	4774393	15.0000	15
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	4425084	15.0000	16
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	2402287	15.0000	16
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	4257116	15.0000	16
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	4463371	15.0000	16
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	6321904	15.0000	16
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	5527756	15.0000	16
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	3195164	15.0000	16
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	3197633	15.0000	16
	90 Benzyl chloride	91	18.087	18.087	(1.197)	4001884	15.0000	16
	91 Undecane	57	18.221	18.221	(1.206)	3074378	15.0000	16
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	4910757	15.0000	16
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	3001534	15.0000	16
	94 Dodecane	57	19.671	19.671	(1.302)	3013903	15.0000	15
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	2624964	15.0000	16
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	2342548	15.0000	16
	97 Naphthalene	128	21.233	21.233	(1.405)	5572421	15.0000	16
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	2400255	15.0000	16

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Date : 07-APR-2010 16:19
Client ID: ASTD020
Sample Info: ic 021985
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 07-APR-2010 16:19
Operator : wrd Inst ID: F.i
Smp Info : ic 021985
Misc Info : ASTD020;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 16:19 Cal File: fdn20v.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.162	3.167	(0.329)	476131	20.0000	19
2 Dichlorodifluoromethane	85	3.220	3.226	(0.335)	2177025	20.0000	19
3 Chlorodifluoromethane	51	3.258	3.263	(0.339)	1138844	20.0000	18
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	2284277	20.0000	19
5 Chloromethane	50	3.579	3.584	(0.372)	673334	20.0000	18
6 Butane	43	3.766	3.766	(0.392)	1199507	20.0000	18
7 Vinyl chloride	62	3.803	3.809	(0.395)	895058	20.0000	19
8 Butadiene	54	3.873	3.879	(0.403)	677621	20.0000	18
9 Bromomethane	94	4.558	4.563	(0.474)	1058955	20.0000	19
10 Chloroethane	64	4.782	4.788	(0.497)	562293	20.0000	19
11 2-Methylbutane	43	4.863	4.868	(0.506)	1145389	20.0000	18
12 Vinyl bromide	106	5.173	5.179	(0.538)	1111623	20.0000	20
13 Trichlorofluoromethane	101	5.269	5.275	(0.548)	2894054	20.0000	19
14 Pentane	43	5.398	5.403	(0.561)	1698195	20.0000	18
15 Ethanol	45	5.724	5.730	(0.595)	886257	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.858	5.863	(0.609)	848425	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	2149092	20.0000	20
	18 Acrolein	56	6.216	6.216	(0.646)	468687	20.0000	20
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	1032543	20.0000	20
	20 Acetone	43	6.484	6.489	(0.674)	1709195	20.0000	19
	21 Carbon disulfide	76	6.730	6.730	(0.700)	3275579	20.0000	20
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	1356455	20.0000	20
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	1389802	20.0000	20
	24 Acetonitrile	41	7.077	7.078	(0.736)	855843	20.0000	20
	25 Methylene chloride	49	7.249	7.254	(0.754)	1205317	20.0000	19
	26 2-Methyl-2-propanol	59	7.366	7.372	(0.766)	2072328	20.0000	20
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	3344174	20.0000	20
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1753358	20.0000	20
	29 Acrylonitrile	53	7.730	7.730	(0.804)	854100	20.0000	20
	30 Hexane	57	7.966	7.966	(0.828)	1849541	20.0000	19
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	2116897	20.0000	20
	32 Vinyl acetate	43	8.388	8.388	(0.872)	2911727	20.0000	20
M	33 1,2-Dichloroethene,Total	61				2977303	40.0000	39
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	1223945	20.0000	20
	35 Ethyl acetate	88	9.271	9.271	(0.964)	107337	20.0000	20
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	591167	20.0000	20(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	537032	10.0000	
	38 Tetrahydrofuran	42	9.635	9.640	(0.875)	1257158	20.0000	20
	39 Chloroform	83	9.693	9.694	(1.008)	2427216	20.0000	20
	40 Cyclohexane	84	9.956	9.956	(0.904)	1675115	20.0000	20
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	2549134	20.0000	20
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	2752690	20.0000	20
	43 Isooctane	57	10.432	10.432	(0.948)	5737620	20.0000	20
	44 Benzene	78	10.469	10.475	(0.951)	3595600	20.0000	20
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	1662109	20.0000	20
	46 n-Heptane	43	10.678	10.678	(0.970)	2086422	20.0000	19
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2588644	10.0000	
	48 n-Butanol	56	11.202	11.208	(1.017)	711880	20.0000	20
	49 Trichloroethene	95	11.373	11.373	(1.033)	1648629	20.0000	20
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	1352103	20.0000	20
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	1377664	20.0000	20
	52 Dibromomethane	174	11.930	11.930	(1.084)	1625567	20.0000	21
	53 1,4-Dioxane	88	11.876	11.882	(1.079)	540562	20.0000	20
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	2736009	20.0000	20
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	2175444	20.0000	20
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	2683571	20.0000	20
	57 n-Octane	43	13.144	13.144	(1.194)	2729726	20.0000	19
	58 Toluene	92	13.160	13.160	(0.871)	2740702	20.0000	21
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	2323489	20.0000	21
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	1345960	20.0000	21
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	2455269	20.0000	21
	62 2-Hexanone	43	14.064	14.064	(0.931)	2644085	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	3004728	20.0000	22
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	2598980	20.0000	21
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2432561	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	3872480	20.0000	21
	67 n-Nonane	57	15.246	15.247	(1.009)	2724462	20.0000	20
	68 Ethylbenzene	91	15.225	15.225	(1.007)	5956621	20.0000	21
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	4942236	40.0000	42
M	70 Xylenes, Total	106				7396356	20.0000	64
	71 o-Xylene	106	15.883	15.883	(1.051)	2454120	20.0000	21
	72 Styrene	104	15.910	15.910	(1.053)	3911424	20.0000	22
	73 Bromoform	173	16.199	16.199	(1.072)	3323044	20.0000	23
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	6925349	20.0000	21
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	3574383	20.0000	21
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	8052835	20.0000	21
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2741721	20.0000	20
	79 n-Decane	57	16.851	16.852	(1.115)	3605118	20.0000	20
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	7221362	20.0000	21
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	6401434	20.0000	21
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	6001660	20.0000	21
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	3317835	20.0000	22
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	5809913	20.0000	21
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	6074357	20.0000	21
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	8554520	20.0000	21
	87 4-Isopropyltoluene	119	17.755	17.750	(1.175)	7529457	20.0000	22
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	4411702	20.0000	22
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	4432622	20.0000	22
	90 Benzyl chloride	91	18.087	18.087	(1.197)	5484366	20.0000	22
	91 Undecane	57	18.221	18.221	(1.206)	4031841	20.0000	20
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	6596316	20.0000	21
	93 1,2-Dichlorobenzene	146	18.413	18.414	(1.218)	4171857	20.0000	22
	94 Dodecane	57	19.671	19.671	(1.302)	4166547	20.0000	21
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	3780922	20.0000	23
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	3371844	20.0000	22
	97 Naphthalene	128	21.233	21.233	(1.405)	7960253	20.0000	22
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	3481117	20.0000	23

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d

Date : 07-APR-2010 17:09

Client ID: ASTD040

Instrument: F.i

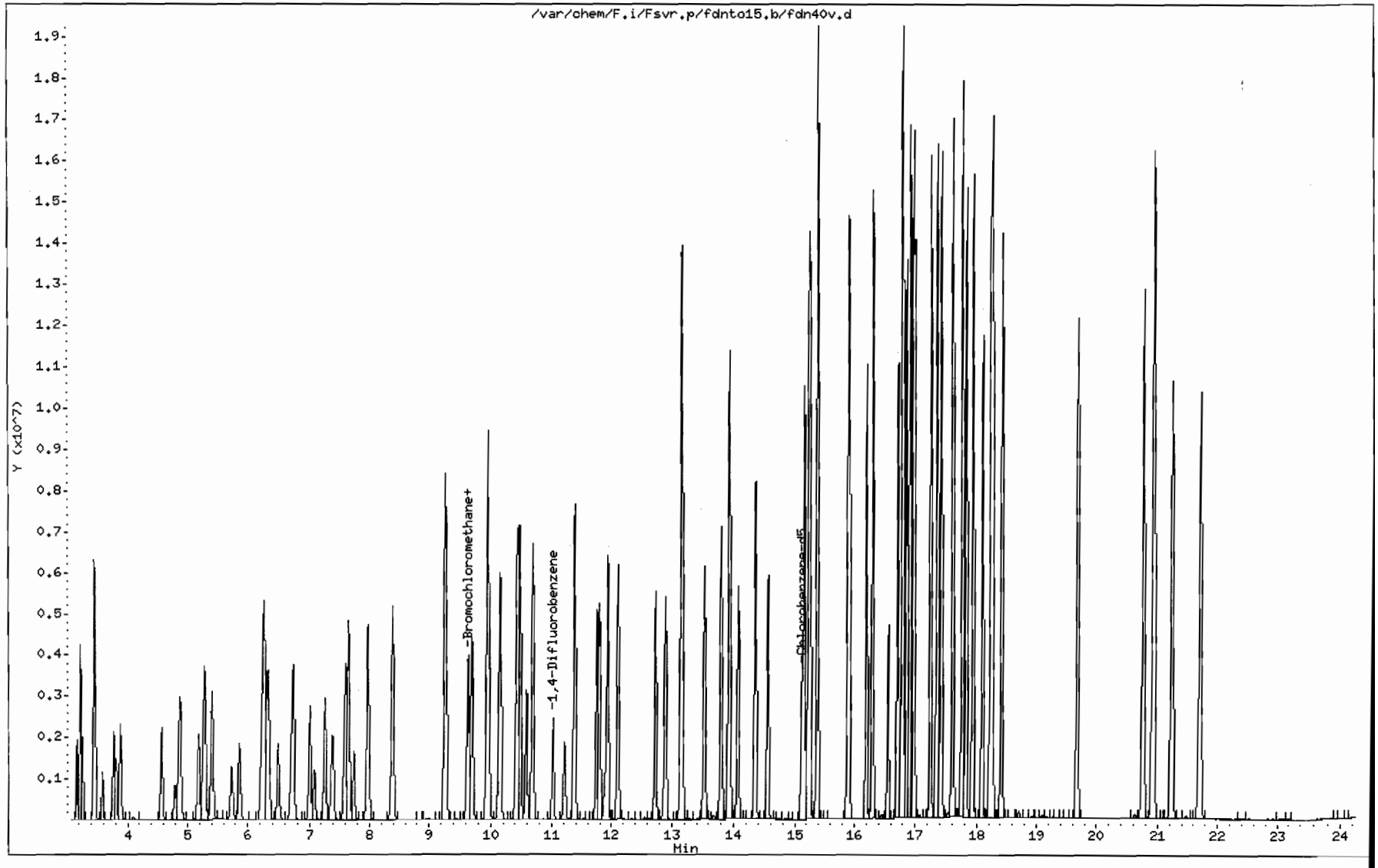
Sample Info: ic 021958

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 07-APR-2010 17:09
Operator : wrd Inst ID: F.i
Smp Info : ic 021958
Misc Info : ASTD040;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	904747	40.0000	34
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	4110440	40.0000	34
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	2163372	40.0000	34
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	4227578	40.0000	33
5 Chloromethane	50	3.584	3.584	(0.372)	1305208	40.0000	34
6 Butane	43	3.772	3.766	(0.392)	2322666	40.0000	34
7 Vinyl chloride	62	3.809	3.809	(0.396)	1758485	40.0000	35
8 Butadiene	54	3.879	3.879	(0.403)	1335317	40.0000	35
9 Bromomethane	94	4.563	4.563	(0.474)	2083246	40.0000	36
10 Chloroethane	64	4.793	4.788	(0.498)	1123766	40.0000	37
11 2-Methylbutane	43	4.868	4.868	(0.506)	2281094	40.0000	35
12 Vinyl bromide	106	5.184	5.179	(0.539)	2214173	40.0000	37
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	5718122	40.0000	36
14 Pentane	43	5.409	5.403	(0.562)	3399354	40.0000	35
15 Ethanol	45	5.735	5.730	(0.596)	2195665	100.000	95

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.609)	1664050	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.650)	4309459	40.0000	38
	18 Acrolein	56	6.216	6.216	(0.646)	913673	40.0000	37
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	2066948	40.0000	38
	20 Acetone	43	6.489	6.489	(0.674)	3273240	40.0000	35
	21 Carbon disulfide	76	6.735	6.730	(0.700)	6490571	40.0000	38
	22 Isopropyl alcohol	45	6.703	6.693	(0.696)	2601631	40.0000	36
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	2713009	40.0000	37
	24 Acetonitrile	41	7.083	7.078	(0.736)	1659384	40.0000	37
	25 Methylene chloride	49	7.254	7.254	(0.754)	2347803	40.0000	35
	26 2-Methyl-2-propanol	59	7.377	7.372	(0.767)	4063835	40.0000	38
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.789)	6641655	40.0000	38
	28 trans-1,2-Dichloroethene	61	7.650	7.645	(0.795)	3417481	40.0000	37
	29 Acrylonitrile	53	7.736	7.730	(0.804)	1679146	40.0000	38
	30 Hexane	57	7.971	7.966	(0.828)	3567642	40.0000	36
	31 1,1-Dichloroethane	63	8.378	8.372	(0.870)	4115655	40.0000	37
	32 Vinyl acetate	43	8.394	8.388	(0.872)	5560478	40.0000	36
M	33 1,2-Dichloroethene,Total	61				5833151	80.0000	74
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.962)	2415670	40.0000	38
	35 Ethyl acetate	88	9.276	9.271	(0.964)	212297	40.0000	38
	36 2-Butanone(MEK)	72	9.266	9.260	(0.963)	1114613	40.0000	36(Q)
*	37 Bromochloromethane	128	9.624	9.619	(1.000)	559323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	2408261	40.0000	37
	39 Chloroform	83	9.699	9.694	(1.008)	4808470	40.0000	37
	40 Cyclohexane	84	9.956	9.956	(0.904)	3279964	40.0000	39
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	5022856	40.0000	39
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	5553161	40.0000	41(A)
	43 Isooctane	57	10.432	10.432	(0.947)	10848582	40.0000	37
	44 Benzene	78	10.475	10.475	(0.951)	7023898	40.0000	38
	45 1,2-Dichloroethane	62	10.576	10.571	(0.960)	3270399	40.0000	38
	46 n-Heptane	43	10.683	10.678	(0.970)	3908105	40.0000	36
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2617478	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	1483077	40.0000	42(A)
	49 Trichloroethene	95	11.374	11.373	(1.033)	3255758	40.0000	39
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	2625479	40.0000	38
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	2701090	40.0000	40
	52 Dibromomethane	174	11.930	11.930	(1.083)	3353385	40.0000	42(A)
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	1039828	40.0000	38
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	5401760	40.0000	40
	55 cis-1,3-Dichloropropene	75	12.732	12.727	(1.156)	4304364	40.0000	40
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.170)	5062934	40.0000	37
	57 n-Octane	43	13.144	13.144	(1.193)	4641650	40.0000	32
	58 Toluene	92	13.160	13.160	(0.871)	5057702	40.0000	38
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	4570105	40.0000	40(A)
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	2632924	40.0000	40
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	5021679	40.0000	43(A)
	62 2-Hexanone	43	14.064	14.064	(0.931)	4980642	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.348	14.343	(0.949)	6060180	40.0000	43 (A)
64	Ethylene Dibromide	107	14.551	14.546	(0.963)	5127664	40.0000	41 (A)
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2482119	10.0000	
66	Chlorobenzene	112	15.156	15.150	(1.003)	7676263	40.0000	41 (A)
67	n-Nonane	57	15.252	15.247	(1.009)	4635956	40.0000	33
68	Ethylbenzene	91	15.225	15.225	(1.007)	10888115	40.0000	37
69	Xylene (m,p)	106	15.375	15.375	(1.017)	8674179	80.0000	72
M 70	Xylenes, Total	106				13319851	40.0000	110
71	o-Xylene	106	15.889	15.883	(1.051)	4645672	40.0000	39
72	Styrene	104	15.910	15.910	(1.053)	7370565	40.0000	40
73	Bromoform	173	16.199	16.199	(1.072)	6578548	40.0000	45 (A)
74	Isopropylbenzene	105	16.301	16.301	(1.079)	13098853	40.0000	39
76	1,1,2,2-Tetrachloroethane	83	16.713	16.707	(1.106)	6611291	40.0000	38
77	n-Propylbenzene	91	16.782	16.782	(1.110)	13682174	40.0000	34
78	1,2,3-Trichloropropane	75	16.798	16.793	(1.111)	4672380	40.0000	34
79	n-Decane	57	16.852	16.852	(1.115)	6115704	40.0000	34
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	13453605	40.0000	38
81	2-Chlorotoluene	91	16.943	16.943	(1.121)	11808266	40.0000	37
82	1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	11130226	40.0000	39
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	6464250	40.0000	42 (A)
84	tert-butylbenzene	119	17.344	17.344	(1.148)	11143216	40.0000	40
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	11443746	40.0000	39
86	sec-Butylbenzene	105	17.601	17.601	(1.165)	15783515	40.0000	38
87	4-Isopropyltoluene	119	17.756	17.750	(1.175)	14087614	40.0000	39
88	1,3-Dichlorobenzene	146	17.825	17.820	(1.179)	8775403	40.0000	42 (A)
89	1,4-Dichlorobenzene	146	17.938	17.932	(1.187)	8771340	40.0000	42 (A)
90	Benzyl chloride	91	18.087	18.087	(1.197)	10660350	40.0000	42 (A)
91	Undecane	57	18.227	18.221	(1.206)	6492917	40.0000	32
92	n-Butylbenzene	91	18.259	18.253	(1.208)	11651574	40.0000	36
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	8308515	40.0000	42 (A)
94	Dodecane	57	19.671	19.671	(1.302)	6732921	40.0000	34
95	1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	7494777	40.0000	44 (A)
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	6581203	40.0000	43 (A)
97	Naphthalene	128	21.233	21.233	(1.405)	15214475	40.0000	42 (A)
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	6602532	40.0000	42 (A)

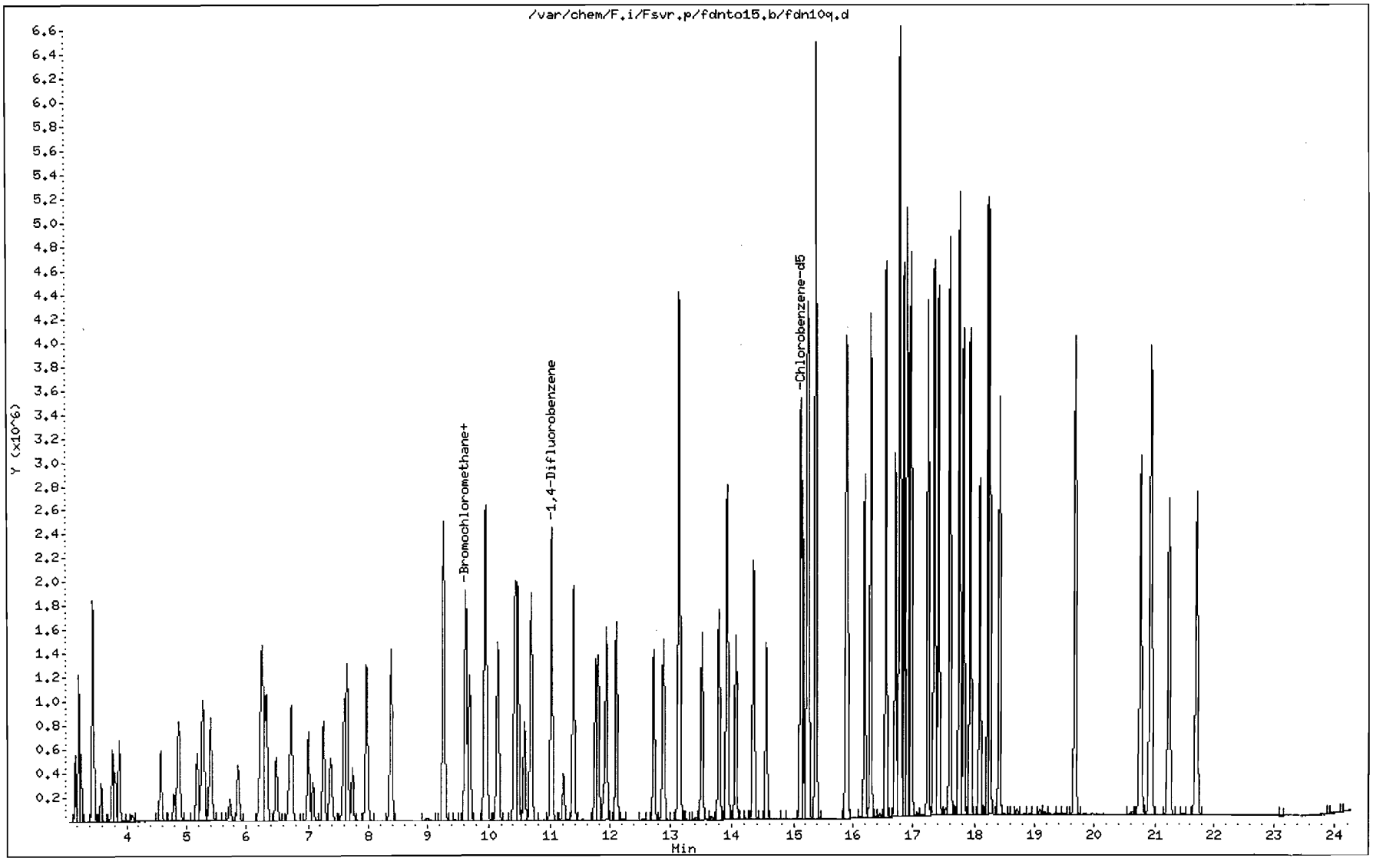
QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Date : 07-APR-2010 18:50
Client ID: FA040710ICV
Sample Info: icv 21407
Purge Volume: 200.0
Column phase: RTX-624

Page 7

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Inj Date : 07-APR-2010 18:50
Operator : wrd Inst ID: F.i
Smp Info : icv 21407
Misc Info : ICV;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	248586	9.79100	9.8
2 Dichlorodifluoromethane	85	3.231	3.226	(0.336)	1165594	10.0951	10
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	596369	9.71338	9.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1233160	10.0374	10
5 Chloromethane	50	3.584	3.584	(0.373)	358619	9.85120	9.9
6 Butane	43	3.772	3.766	(0.392)	640229	9.80295	9.8
7 Vinyl chloride	62	3.809	3.809	(0.396)	488070	10.2624	10
8 Butadiene	54	3.879	3.879	(0.403)	380216	10.3414	10
9 Bromomethane	94	4.563	4.563	(0.474)	543092	9.93933	9.9
10 Chloroethane	64	4.788	4.788	(0.498)	295055	10.0219	10
11 2-Methylbutane	43	4.868	4.868	(0.506)	618955	9.82875	9.8
12 Vinyl bromide	106	5.179	5.179	(0.538)	590214	10.4370	10
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	1518045	10.1039	10
14 Pentane	43	5.403	5.403	(0.562)	919478	10.0017	10
15 Ethanol	45	5.730	5.730	(0.596)	286639	13.0102	13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	417836	9.74998	9.7
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1199913	11.1330	11
	18 Acrolein	56	6.222	6.216	(0.647)	194739	8.30189	8.3
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	582602	11.2919	11
	20 Acetone	43	6.489	6.489	(0.675)	947461	10.6328	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1737777	10.5761	11
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	647193	9.46986	9.5
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	720329	10.2518	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	438938	10.1370	10
	25 Methylene chloride	49	7.249	7.254	(0.754)	676057	10.6522	11
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	997069	9.63424	9.6
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.790)	1730652	10.3130	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	912167	10.2067	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	443079	10.3560	10
	30 Hexane	57	7.966	7.966	(0.828)	959063	10.1310	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	1104128	10.2343	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1488130	10.1067	10
M	33 1,2-Dichloroethene,Total	61				1556943	20.7242	21
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	644776	10.5176	11
	35 Ethyl acetate	88	9.271	9.271	(0.964)	53877	10.1813	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	308537	10.4877	10(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	535323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	647954	10.0914	10
	39 Chloroform	83	9.694	9.694	(1.008)	1252128	10.1244	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	859643	10.3494	10
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1297129	10.1014	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	1378723	10.1512	10
	43 Isooctane	57	10.432	10.432	(0.948)	3004130	10.2870	10
	44 Benzene	78	10.469	10.475	(0.951)	1848759	10.0936	10
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	856907	10.0663	10
	46 n-Heptane	43	10.678	10.678	(0.970)	1096461	10.0565	10
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2607499	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	299013	8.47284	8.5
	49 Trichloroethene	95	11.373	11.373	(1.033)	829844	10.0668	10
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	681459	9.93326	9.9
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	680610	10.0111	10
	52 Dibromomethane	174	11.930	11.930	(1.084)	800264	10.0884	10
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	238947	8.83699	8.8
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1416105	10.4554	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	1072577	9.95026	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	1392227	10.2788	10
	57 n-Octane	43	13.144	13.144	(1.194)	1480606	10.1643	10
	58 Toluene	92	13.155	13.160	(0.870)	1374636	10.3630	10
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	1129455	9.98630	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	637643	9.71977	9.7
	61 Tetrachloroethene	166	13.920	13.925	(0.921)	1165126	10.0707	10
	62 2-Hexanone	43	14.064	14.064	(0.931)	1344599	10.4549	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1500313	10.9001	11
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1248222	10.1146	10
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2446135	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1867970	10.0098	10
	67 n-Nonane	57	15.247	15.247	(1.009)	1454545	10.4410	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2993086	10.2866	10
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	2445906	20.6801	21
M	70 Xylenes, Total	106				3634330	31.1547	31
	71 o-Xylene	106	15.883	15.883	(1.051)	1188424	10.1876	10
	72 Styrene	104	15.910	15.910	(1.053)	1870455	10.2353	10
	73 Bromoform	173	16.199	16.199	(1.072)	1602107	11.0946	11
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3451365	10.4169	10
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1734505	10.0217	10
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	4169630	10.6310	11
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1432857	10.6313	11
	79 n-Decane	57	16.852	16.852	(1.115)	1883991	10.5721	11
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3651339	10.5964	11
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	3282394	10.5308	11
	82 1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	2906024	10.2145	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1572115	10.4576	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2887795	10.5112	11
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2897843	10.0606	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	4283502	10.5465	11
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3737005	10.6209	11
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	2053586	9.98228	10
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	2054690	10.0262	10
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2463743	9.93943	9.9
	91 Undecane	57	18.221	18.221	(1.206)	2147572	10.7959	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3346134	10.5963	11
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1902048	9.81496	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	2081978	10.5170	11
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1646531	9.81356	9.8
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1471737	9.74844	9.7
	97 Naphthalene	128	21.233	21.233	(1.405)	3692345	10.3530	10
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	1626641	10.5633	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: fdnto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Level: LOW Operator: wrd
Data Type: MS DATA SampleType: METHSPIKE
SpikeList File: all.spk Quant Type: ISTD
Sublist File: full.sub
Method File: /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Misc Info: ICV;040710FA;1;200

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1	Propene	10	9.8	97.91	70-130
2	Dichlorodifluorome	10	10	100.95	70-130
3	Chlorodifluorometh	10	9.7	97.13	70-130
4	1,2-Dichloro-1,1,2	10	10	100.37	70-130
5	Chloromethane	10	9.9	98.51	70-130
6	Butane	10	9.8	98.03	70-130
7	Vinyl chloride	10	10	102.62	70-130
8	Butadiene	10	10	103.41	70-130
9	Bromomethane	10	9.9	99.39	70-130
10	Chloroethane	10	10	100.22	70-130
11	2-Methylbutane	10	9.8	98.29	70-130
12	Vinyl bromide	10	10	104.37	70-130
13	Trichlorofluoromet	10	10	101.04	70-130
14	Pentane	10	10	100.02	70-130
15	Ethanol	15	13	86.73	70-130
16	Ethyl ether	10	9.7	97.50	70-130
18	Acrolein	10	8.3	83.02	70-130
17	1,1,2-Trichloro-1,	10	11	111.33	70-130
19	1,1-Dichloroethene	10	11	112.92	70-130
20	Acetone	10	11	106.33	70-130
22	Isopropyl alcohol	10	9.5	94.70	70-130
21	Carbon disulfide	10	11	105.76	70-130
23	3-Chloro-1-propene	10	10	102.52	70-130
24	Acetonitrile	10	10	101.37	70-130
25	Methylene chloride	10	11	106.52	70-130
26	2-Methyl-2-propano	10	9.6	96.34	70-130
27	Methyl tert-butyl	10	10	103.13	70-130
28	trans-1,2-Dichloro	10	10	102.07	70-130
29	Acrylonitrile	10	10	103.56	70-130
30	Hexane	10	10	101.31	70-130
32	Vinyl acetate	10	10	101.07	70-130
31	1,1-Dichloroethane	10	10	102.34	70-130
36	2-Butanone(MEK)	10	10	104.88	70-130

SPIKE		COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35	Ethyl acetate	10	10	101.81	70-130
	34	cis-1,2-Dichloroet	10	11	105.18	70-130
M	33	1,2-Dichloroethene	20	21	105.00	70-130
	39	Chloroform	10	10	101.24	70-130
	38	Tetrahydrofuran	10	10	100.91	70-130
	41	1,1,1-Trichloroeth	10	10	101.01	70-130
	40	Cyclohexane	10	10	103.49	70-130
	42	Carbon tetrachlori	10	10	101.51	70-130
	43	Isooctane	10	10	102.87	70-130
	44	Benzene	10	10	100.94	70-130
	45	1,2-Dichloroethane	10	10	100.66	70-130
	46	n-Heptane	10	10	100.57	70-130
	48	n-Butanol	10	8.5	84.73	70-130
	49	Trichloroethene	10	10	100.67	70-130
	51	Methyl methacrylat	10	10	100.11	70-130
	50	1,2-Dichloropropan	10	9.9	99.33	70-130
	53	1,4-Dioxane	10	8.8	88.37	70-130
	52	Dibromomethane	10	10	100.88	70-130
	54	Dichlorobromometha	10	10	104.55	70-130
	55	cis-1,3-Dichloropr	10	10	99.50	70-130
	56	4-Methyl-2-pentano	10	10	102.79	70-130
	57	n-Octane	10	10	101.64	70-130
	58	Toluene	10	10	103.63	70-130
	59	trans-1,3-Dichloro	10	10	99.86	70-130
	60	1,1,2-Trichloroeth	10	9.7	97.20	70-130
	61	Tetrachloroethene	10	10	100.71	70-130
	62	2-Hexanone	10	10	104.55	70-130
	63	Chlorodibromometha	10	11	109.00	70-130
	64	Ethylene Dibromide	10	10	101.15	70-130
	67	n-Nonane	10	10	104.41	70-130
	66	Chlorobenzene	10	10	100.10	70-130
	68	Ethylbenzene	10	10	102.87	70-130
	69	Xylene (m,p)	20	21	103.40	70-130
	71	o-Xylene	10	10	101.88	70-130
M	70	Xylenes, Total	30	31	103.85	70-130
	72	Styrene	10	10	102.35	70-130
	73	Bromoform	10	11	110.95	70-130
	74	Isopropylbenzene	10	10	104.17	70-130
	76	1,1,2,2-Tetrachlor	10	10	100.22	70-130
	79	n-Decane	10	11	105.72	70-130
	77	n-Propylbenzene	10	11	106.31	70-130
	78	1,2,3-Trichloropro	10	11	106.31	70-130
	80	4-Ethyltoluene	10	11	105.96	70-130
	82	1,3,5-Trimethylben	10	10	102.14	70-130
	81	2-Chlorotoluene	10	11	105.31	70-130
	83	Alpha Methyl Styre	10	10	104.58	70-130
	84	tert-butylbenzene	10	11	105.11	70-130

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
85	1,2,4-Trimethylben	10	10	100.61	70-130
86	sec-Butylbenzene	10	11	105.47	70-130
87	4-Isopropyltoluene	10	11	106.21	70-130
88	1,3-Dichlorobenzen	10	10	99.82	70-130
89	1,4-Dichlorobenzen	10	10	100.26	70-130
91	Undecane	10	11	107.96	70-130
90	Benzyl chloride	10	9.9	99.39	70-130
92	n-Butylbenzene	10	11	105.96	70-130
93	1,2-Dichlorobenzen	10	9.8	98.15	70-130
94	Dodecane	10	11	105.17	70-130
95	1,2,4-Trichloroben	10	9.8	98.14	70-130
96	Hexachlorobutadien	10	9.7	97.48	70-130
97	Naphthalene	10	10	103.53	70-130
98	1,2,3-Trichloroben	10	11	105.63	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.588	0.01	20.0	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.543	0.01	10.8	30.0
Chloromethane	0.680	0.603	0.01	11.3	30.0
Vinyl Chloride	0.888	0.828	0.01	6.8	30.0
1,3-Butadiene	0.687	0.616	0.01	10.3	30.0
Bromomethane	1.021	1.108	0.01	8.5	30.0
Chloroethane	0.550	0.523	0.01	4.9	30.0
Bromoethene	1.056	1.121	0.01	6.2	30.0
Trichlorofluoromethane	2.806	3.370	0.01	20.1	30.0
Freon TF	2.013	2.165	0.01	7.6	30.0
1,1-Dichloroethene	0.964	0.998	0.01	3.5	30.0
Acetone	1.664	1.717	0.01	3.2	30.0
Isopropyl Alcohol	1.277	1.198	0.01	6.2	30.0
Carbon disulfide	3.069	3.177	0.01	3.5	30.0
3-Chloropropene	1.312	1.193	0.01	9.1	30.0
Methylene chloride	1.185	1.092	0.01	7.8	30.0
tert-Butyl Alcohol	1.933	1.962	0.01	1.5	30.0
Methyl tert-Butyl Ether	3.135	3.240	0.01	3.3	30.0
trans-1,2-Dichloroethene	1.669	1.658	0.01	0.6	30.0
n-Hexane	1.768	1.619	0.01	8.4	30.0
1,1-Dichloroethane	2.015	1.990	0.1	1.2	30.0
Methyl Ethyl Ketone	0.550	0.533	0.01	3.1	30.0
cis-1,2-Dichloroethene	1.145	1.142	0.01	0.3	30.0
1,2-Dichloroethene,Total	1.407	1.400	0.01	0.5	30.0
Chloroform	2.310	2.504	0.01	8.4	30.0
Tetrahydrofuran	0.246	0.217	0.01	11.8	30.0
1,1,1-Trichloroethane	0.492	0.569	0.01	15.6	30.0
Cyclohexane	0.318	0.307	0.01	3.4	30.0
Carbon tetrachloride	0.521	0.607	0.01	16.5	30.0
2,2,4-Trimethylpentane	1.120	1.035	0.01	7.6	30.0
Benzene	0.702	0.683	0.01	2.7	30.0
1,2-Dichloroethane	0.326	0.342	0.01	4.9	30.0
n-Heptane	0.418	0.363	0.01	13.2	30.0
Trichloroethene	0.316	0.329	0.01	4.1	30.0
1,2-Dichloropropane	0.263	0.248	0.01	5.7	30.0
1,4-Dioxane	0.103	0.101	0.01	1.9	30.0
Bromodichloromethane	0.519	0.574	0.01	10.6	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

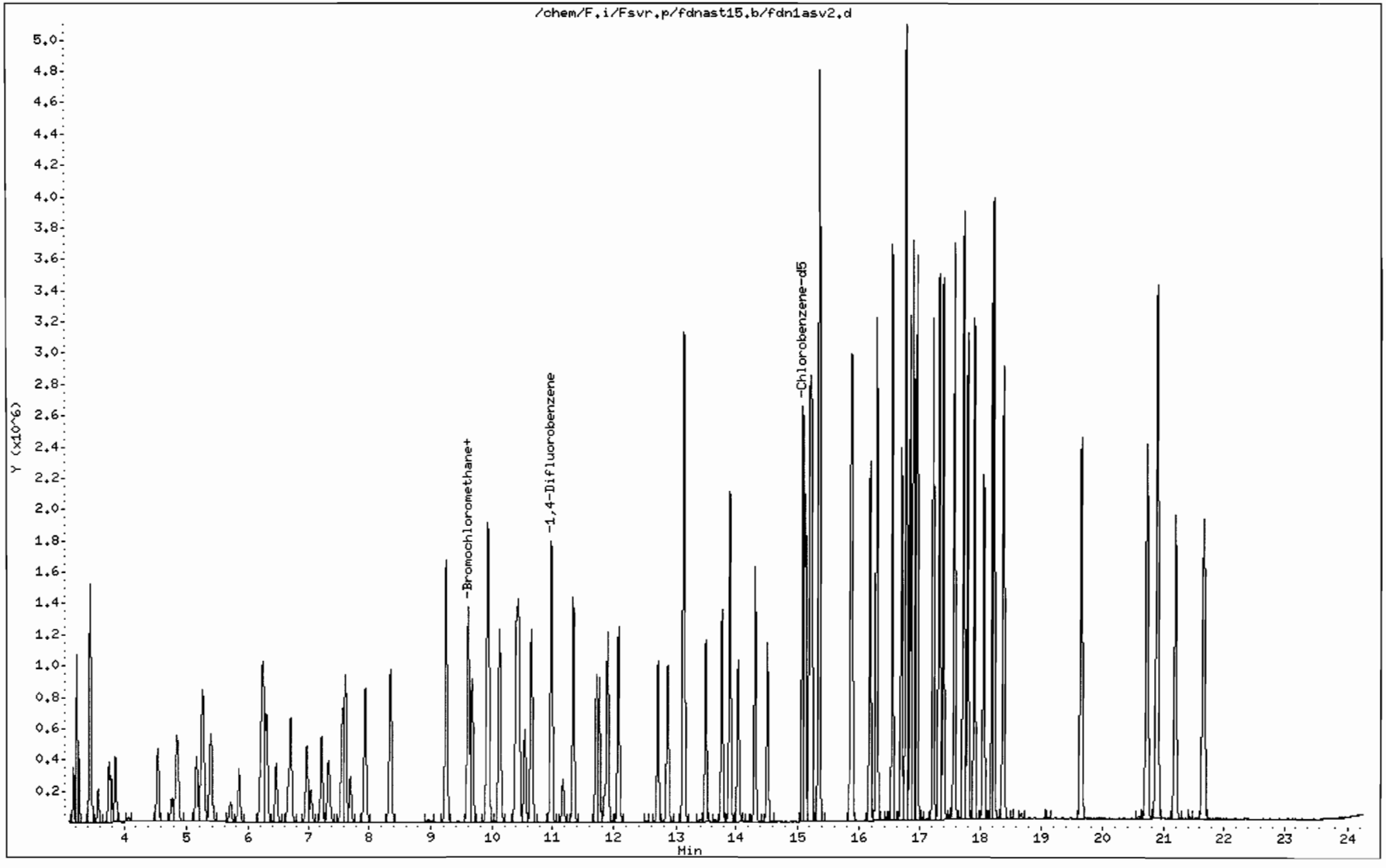
COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.412	0.01	0.2	30.0
Methyl Isobutyl Ketone	0.519	0.476	0.01	8.3	30.0
Toluene	0.542	0.531	0.01	2.0	30.0
trans-1,3-Dichloropropene	0.434	0.451	0.01	3.9	30.0
1,1,2-Trichloroethane	0.268	0.266	0.01	0.7	30.0
Tetrachloroethene	0.473	0.474	0.01	0.2	30.0
Methyl Butyl Ketone	0.526	0.478	0.01	9.1	30.0
Dibromochloromethane	0.562	0.614	0.01	9.2	30.0
1,2-Dibromoethane	0.504	0.527	0.01	4.6	30.0
Chlorobenzene	0.763	0.741	0.3	2.9	30.0
Ethylbenzene	1.189	1.225	0.01	3.0	30.0
Xylene (m,p)	0.484	0.480	0.01	0.8	30.0
Xylene (o)	0.477	0.473	0.01	0.8	30.0
Xylenes, Total	0.477	0.473	0.01	0.8	30.0
Styrene	0.747	0.734	0.01	1.7	30.0
Bromoform	0.590	0.679	0.01	15.1	30.0
1,1,2,2-Tetrachloroethane	0.708	0.730	0.01	3.1	30.0
4-Ethyltoluene	1.409	1.472	0.01	4.5	30.0
1,3,5-Trimethylbenzene	1.163	1.233	0.01	6.0	30.0
2-Chlorotoluene	1.274	1.371	0.01	7.6	30.0
1,2,4-Trimethylbenzene	1.178	1.245	0.01	5.7	30.0
1,3-Dichlorobenzene	0.841	0.883	0.01	5.0	30.0
1,4-Dichlorobenzene	0.838	0.888	0.01	6.0	30.0
1,2-Dichlorobenzene	0.792	0.852	0.01	7.6	30.0
1,2,4-Trichlorobenzene	0.686	0.713	0.01	3.9	30.0
Hexachlorobutadiene	0.617	0.705	0.01	14.3	30.0

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn1asv2.d
Date : 09-JUN-2010 11:52
Client ID: ASTD010
Sample Info: CCVIS 026276
Purge Volume: 200.0
Column phase: RTX-624

Page 6

Instrument: F.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/fdn1asv2.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 09-JUN-2010 11:52
Operator : wrd Inst ID: F.i
Smp Info : CCVIS 026276
Misc Info : ASTD010;060910FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
2 Dichlorodifluoromethane	85	3.221	3.226	(0.336)	998143	10.0000	12
4 1,2-Dichlorotetrafluoroethane	85	3.445	3.456	(0.359)	980728	10.0000	11
5 Chloromethane	50	3.574	3.584	(0.373)	232649	10.0000	8.9
7 Vinyl Chloride	62	3.793	3.809	(0.395)	319393	10.0000	9.3
8 1,3-Butadiene	54	3.862	3.879	(0.403)	237783	10.0000	9.0
9 Bromomethane	94	4.547	4.563	(0.474)	427304	10.0000	11
10 Chloroethane	64	4.767	4.788	(0.497)	201876	10.0000	9.5
12 Bromoethene	106	5.162	5.179	(0.538)	432447	10.0000	11
13 Trichlorofluoromethane	101	5.253	5.275	(0.548)	1299855	10.0000	12
17 Freon TF	101	6.232	6.259	(0.650)	835034	10.0000	11
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	384851	10.0000	10
20 Acetone	43	6.457	6.489	(0.673)	662293	10.0000	10
22 Isopropyl Alcohol	45	6.666	6.693	(0.695)	462053	10.0000	9.4
21 Carbon disulfide	76	6.709	6.730	(0.699)	1225418	10.0000	10
23 3-Chloropropene	41	6.976	7.003	(0.727)	460256	10.0000	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	25 Methylene chloride	49	7.227	7.254	(0.753)	421192	10.0000	9.2
	26 tert-Butyl Alcohol	59	7.345	7.372	(0.766)	756821	10.0000	10
	27 Methyl tert-Butyl Ether	73	7.575	7.602	(0.790)	1249576	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.618	7.645	(0.794)	639597	10.0000	9.9
	30 n-Hexane	57	7.944	7.966	(0.828)	624588	10.0000	9.2
	31 1,1-Dichloroethane	63	8.346	8.372	(0.870)	767356	10.0000	9.9
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.963)	205675	10.0000	9.7(Q)
	34 cis-1,2-Dichloroethene	96	9.234	9.260	(0.963)	440434	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1080031	20.0000	20
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	385677	10.0000	
	39 Chloroform	83	9.667	9.694	(1.008)	965784	10.0000	11
	38 Tetrahydrofuran	42	9.613	9.640	(0.875)	408803	10.0000	8.8
	41 1,1,1-Trichloroethane	97	9.924	9.950	(0.904)	1069655	10.0000	12
	40 Cyclohexane	84	9.929	9.956	(0.904)	577209	10.0000	9.6
	42 Carbon tetrachloride	117	10.122	10.148	(0.922)	1140872	10.0000	12
	43 2,2,4-Trimethylpentane	57	10.405	10.432	(0.947)	1946335	10.0000	9.2
	44 Benzene	78	10.443	10.475	(0.951)	1284918	10.0000	9.7
	45 1,2-Dichloroethane	62	10.544	10.571	(0.960)	644178	10.0000	10
	46 n-Heptane	43	10.657	10.678	(0.970)	682667	10.0000	8.7
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	1880491	10.0000	
	49 Trichloroethene	95	11.347	11.373	(1.033)	618817	10.0000	10
	50 1,2-Dichloropropane	63	11.716	11.748	(1.067)	466403	10.0000	9.4
	53 1,4-Dioxane	88	11.855	11.882	(1.079)	190284	10.0000	9.8
	54 Bromodichloromethane	83	12.069	12.101	(1.099)	1079925	10.0000	11
	55 cis-1,3-Dichloropropene	75	12.700	12.727	(1.156)	774330	10.0000	10
	56 Methyl Isobutyl Ketone	43	12.861	12.887	(1.171)	895157	10.0000	9.2
	58 Toluene	92	13.128	13.160	(0.870)	970022	10.0000	9.8
	59 trans-1,3-Dichloropropene	75	13.492	13.519	(1.228)	848079	10.0000	10
	60 1,1,2-Trichloroethane	83	13.759	13.792	(0.912)	486430	10.0000	9.9
	61 Tetrachloroethene	166	13.899	13.925	(0.921)	867058	10.0000	10
	62 Methyl Butyl Ketone	43	14.032	14.064	(0.930)	874513	10.0000	9.1
	63 Dibromochloromethane	129	14.316	14.343	(0.949)	1122372	10.0000	11
	64 1,2-Dibromoethane	107	14.519	14.546	(0.962)	963692	10.0000	10
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	1827895	10.0000	
	66 Chlorobenzene	112	15.124	15.150	(1.002)	1354477	10.0000	9.7
	68 Ethylbenzene	91	15.198	15.225	(1.007)	2239759	10.0000	10
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	1755058	20.0000	20
	71 Xylene (o)	106	15.862	15.883	(1.051)	864402	10.0000	9.9
M	70 Xylenes, Total	106				2619460	10.0000	30
	72 Styrene	104	15.883	15.910	(1.053)	1341935	10.0000	9.8
	73 Bromoform	173	16.172	16.199	(1.072)	1240455	10.0000	11
	76 1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1335059	10.0000	10
	80 4-Ethyltoluene	105	16.884	16.905	(1.119)	2690648	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.948	16.975	(1.123)	2253292	10.0000	11
	81 2-Chlorotoluene	91	16.916	16.943	(1.121)	2505551	10.0000	11
	85 1,2,4-Trimethylbenzene	105	17.392	17.413	(1.153)	2276166	10.0000	11
	88 1,3-Dichlorobenzene	146	17.798	17.820	(1.180)	1613890	10.0000	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
89 1,4-Dichlorobenzene	146	17.905	17.932	(1.187)	1623077	10.0000	11
93 1,2-Dichlorobenzene	146	18.387	18.414	(1.219)	1556843	10.0000	11
95 1,2,4-Trichlorobenzene	180	20.714	20.752	(1.373)	1303505	10.0000	10
96 Hexachlorobutadiene	225	20.885	20.923	(1.384)	1289466	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Raw QC Data – TO-15 Volatile

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

Instrument: F.i

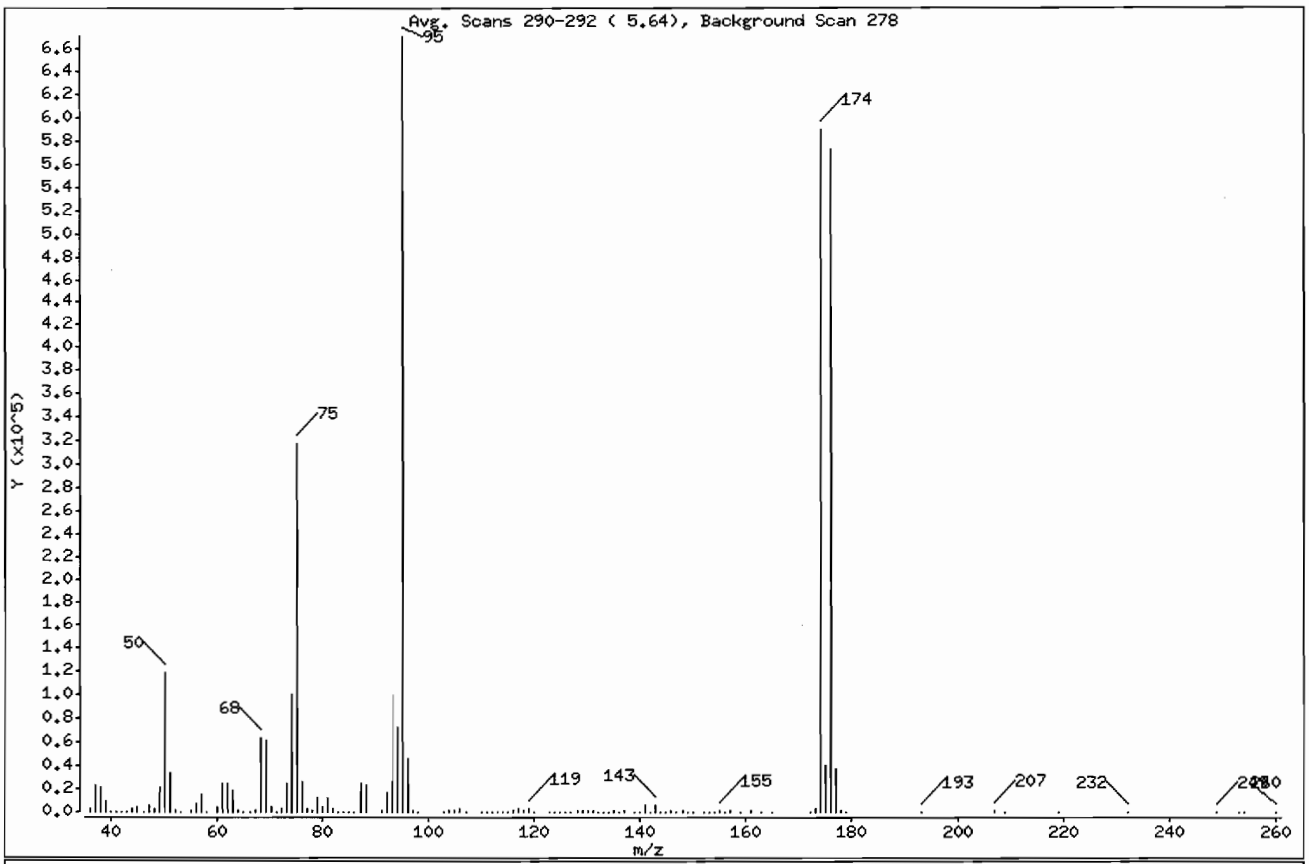
Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.62
75	30.00 - 66.00% of mass 95	47.44
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.46 (0.52)
174	50.00 - 120.00% of mass 95	87.89
175	4.00 - 9.00% of mass 174	6.08 (6.91)
176	93.00 - 101.00% of mass 174	85.33 (97.09)
177	5.00 - 9.00% of mass 176	5.53 (6.48)

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: fdn01pv.d
Spectrum: Avg. Scans 290-292 (5.64), Background Scan 278
Location of Maximum: 95.00
Number of points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3620	71.00	462	112.00	361	148.00	1630
37.00	22464	72.00	2733	113.00	453	149.00	493
38.00	20872	73.00	23928	114.00	209	150.00	672
39.00	8822	74.00	100760	115.00	747	152.00	212
40.00	104	75.00	318016	116.00	1927	153.00	513
41.00	77	76.00	26568	117.00	2778	154.00	422
42.00	32	77.00	3098	118.00	2186	155.00	1637
43.00	557	78.00	2190	119.00	2827	156.00	191
44.00	2385	79.00	11761	120.00	144	157.00	1133
45.00	4859	80.00	4154	123.00	166	159.00	684
46.00	300	81.00	12750	124.00	344	161.00	802
47.00	6727	82.00	2394	125.00	161	163.00	36
48.00	2984	83.00	306	126.00	331	165.00	145
49.00	21624	84.00	160	127.00	348	172.00	157
50.00	118120	85.00	259	128.00	2139	173.00	3075
51.00	34424	86.00	564	129.00	1067	174.00	589184
52.00	1412	87.00	24712	130.00	2214	175.00	40728
53.00	191	88.00	23840	131.00	1024	176.00	572032
55.00	1347	91.00	1667	132.00	68	177.00	37088
56.00	7387	92.00	16424	133.00	39	178.00	1062
57.00	15086	93.00	25512	134.00	269	179.00	82
58.00	708	94.00	72048	135.00	943	193.00	203
60.00	4720	95.00	670400	136.00	175	207.00	918
61.00	24832	96.00	45920	137.00	954	209.00	84
62.00	25216	97.00	1371	139.00	140	219.00	86
63.00	19152	98.00	70	140.00	408	232.00	175
64.00	1638	103.00	219	141.00	5406	249.00	253
65.00	240	104.00	2296	142.00	682	253.00	113
66.00	77	105.00	812	143.00	5878	254.00	72
67.00	1460	106.00	2318	144.00	371	260.00	114
68.00	63096	107.00	712	145.00	579		
69.00	62008	110.00	324	146.00	920		
70.00	4879	111.00	517	147.00	475		

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

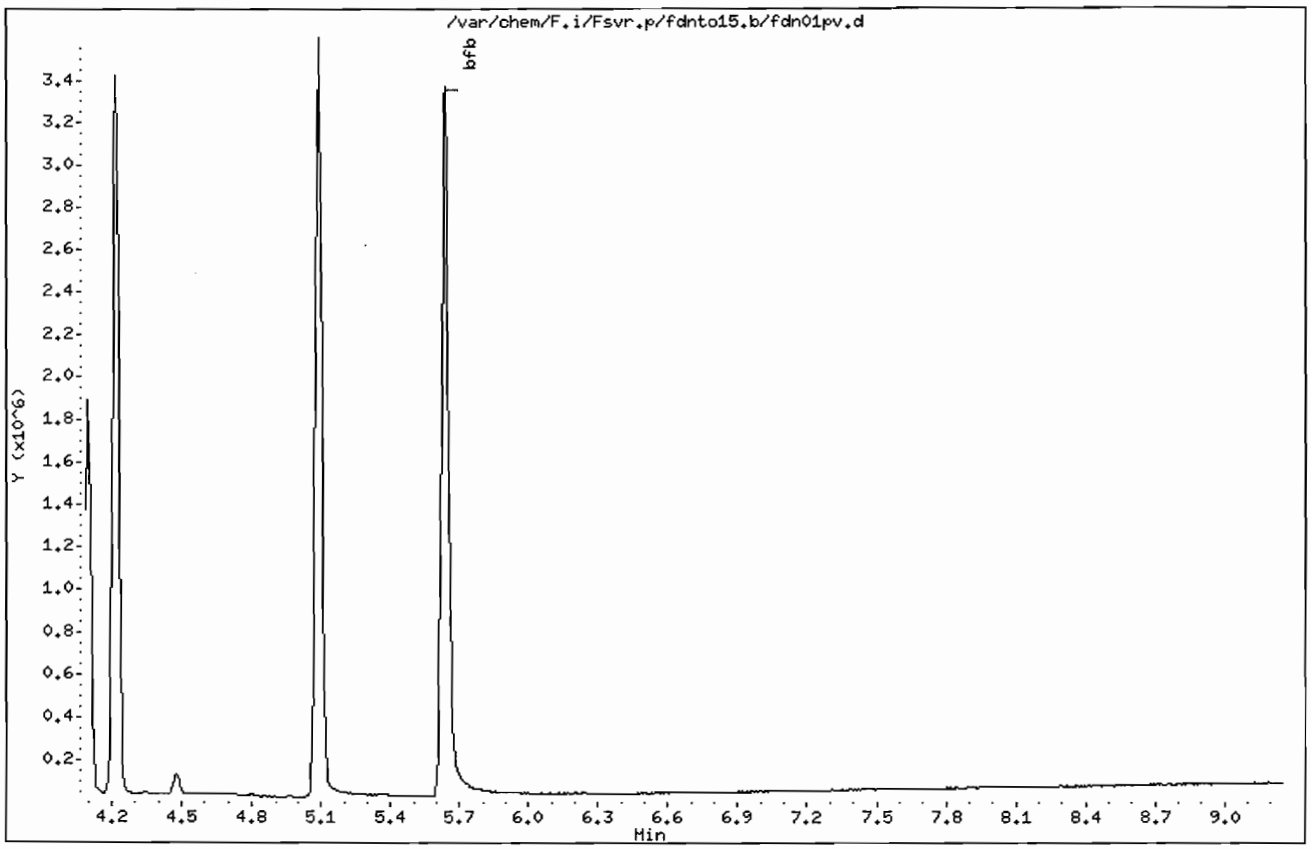
Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn46pv.d

Date : 09-JUN-2010 09:42

Client ID: VBFB

Instrument: F.i

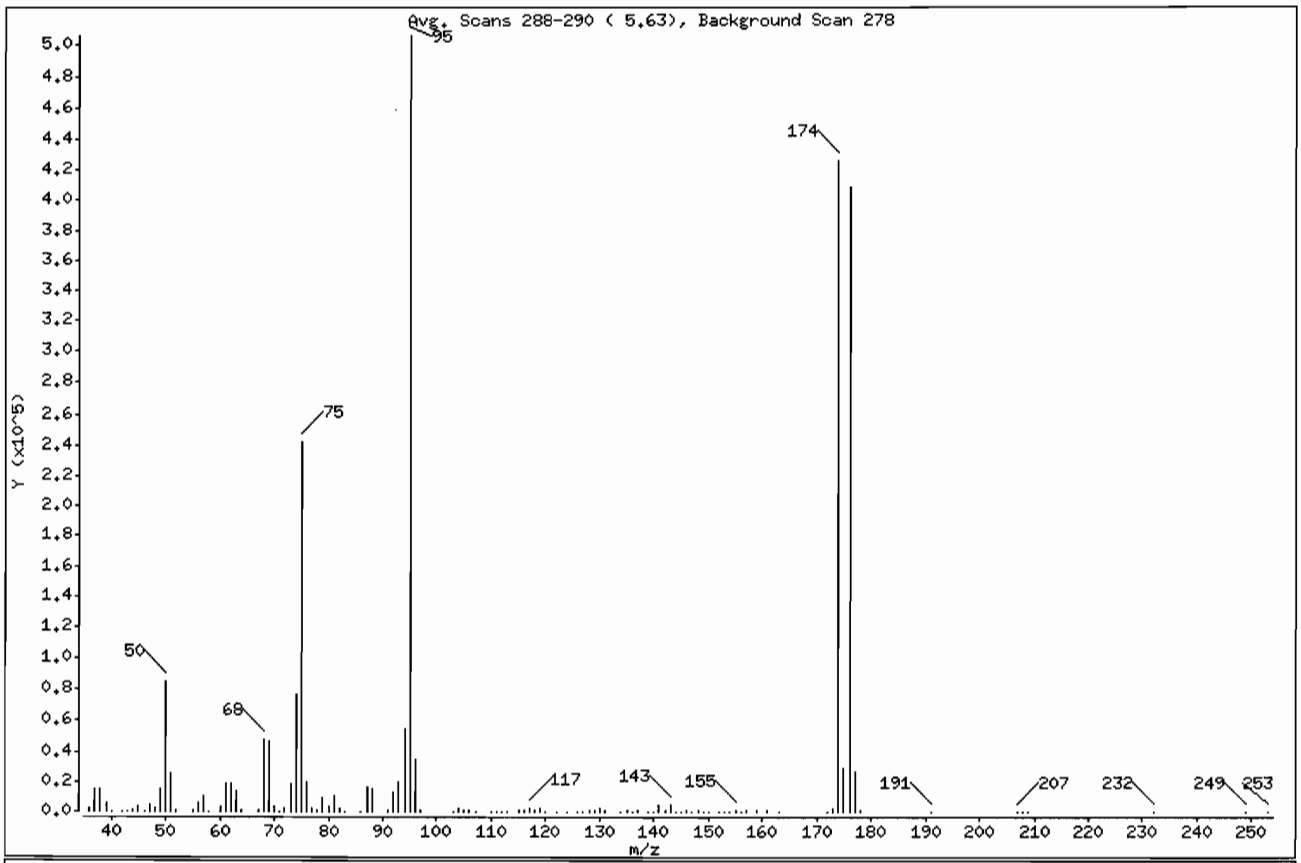
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.74
75	30.00 - 66.00% of mass 95	47.82
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.42 (0.50)
174	50.00 - 120.00% of mass 95	84.17
175	4.00 - 9.00% of mass 174	5.84 (6.94)
176	93.00 - 101.00% of mass 174	80.80 (95.99)
177	5.00 - 9.00% of mass 176	5.30 (6.56)

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn46pv.d

Date : 09-JUN-2010 09:42

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: fdn46pv.d
Spectrum: Avg. Scans 288-290 (5.63), Background Scan 278
Location of Maximum: 95.00
Number of points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2632	71.00	84	111.00	281	147.00	345
37.00	15461	72.00	2043	112.00	178	148.00	1261
38.00	14737	73.00	18328	113.00	219	149.00	328
39.00	6095	74.00	76448	115.00	599	150.00	541
40.00	299	75.00	242112	116.00	1669	152.00	286
42.00	73	76.00	19656	117.00	2770	153.00	356
43.00	91	77.00	2442	118.00	1365	154.00	382
44.00	1385	78.00	1559	119.00	2259	155.00	1335
45.00	3540	79.00	9603	120.00	75	156.00	336
46.00	73	80.00	3515	122.00	81	157.00	862
47.00	4166	81.00	10659	124.00	330	159.00	637
48.00	2018	82.00	2585	126.00	188	161.00	717
49.00	15352	83.00	187	127.00	75	163.00	98
50.00	84760	86.00	392	128.00	1627	172.00	96
51.00	25584	87.00	16195	129.00	837	173.00	2137
52.00	869	88.00	15321	130.00	1778	174.00	426176
55.00	854	91.00	1698	131.00	650	175.00	29576
56.00	5478	92.00	12249	134.00	67	176.00	409088
57.00	10873	93.00	19296	135.00	607	177.00	26848
58.00	462	94.00	54856	136.00	80	178.00	669
60.00	3429	95.00	506304	137.00	823	191.00	68
61.00	18472	96.00	34544	139.00	98	207.00	427
62.00	18784	97.00	1000	140.00	245	208.00	261
63.00	14512	103.00	92	141.00	4613	209.00	184
64.00	1414	104.00	1826	142.00	588	232.00	179
67.00	1004	105.00	715	143.00	4844	249.00	80
68.00	47824	106.00	1681	144.00	239	253.00	24
69.00	47000	107.00	481	145.00	329		
70.00	3377	110.00	173	146.00	734		

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn46pv.d

Date : 09-JUN-2010 09:42

Client ID: VBFB

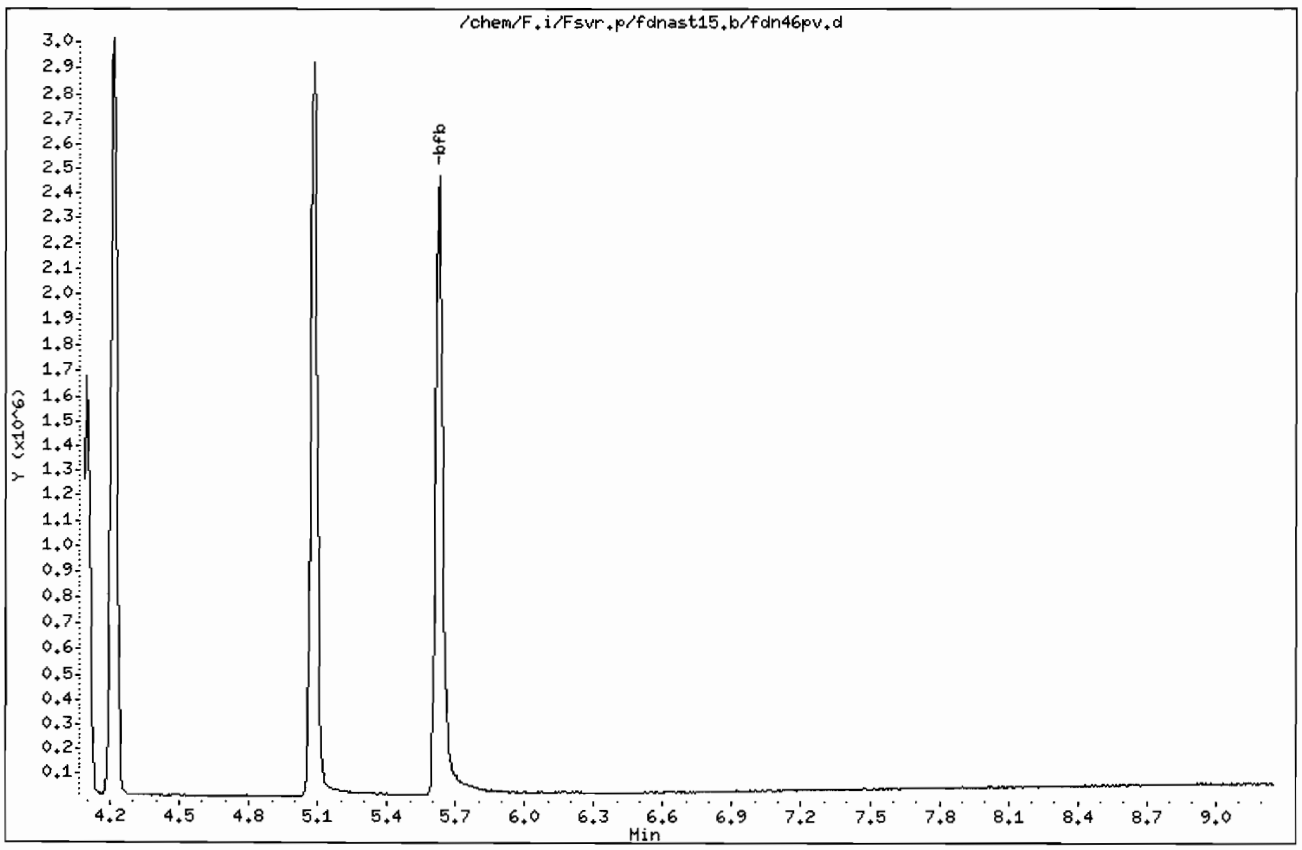
Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdnb01as.d

Page 4

Date : 09-JUN-2010 13:34

Client ID: MBLK060910FA

Instrument: F.i

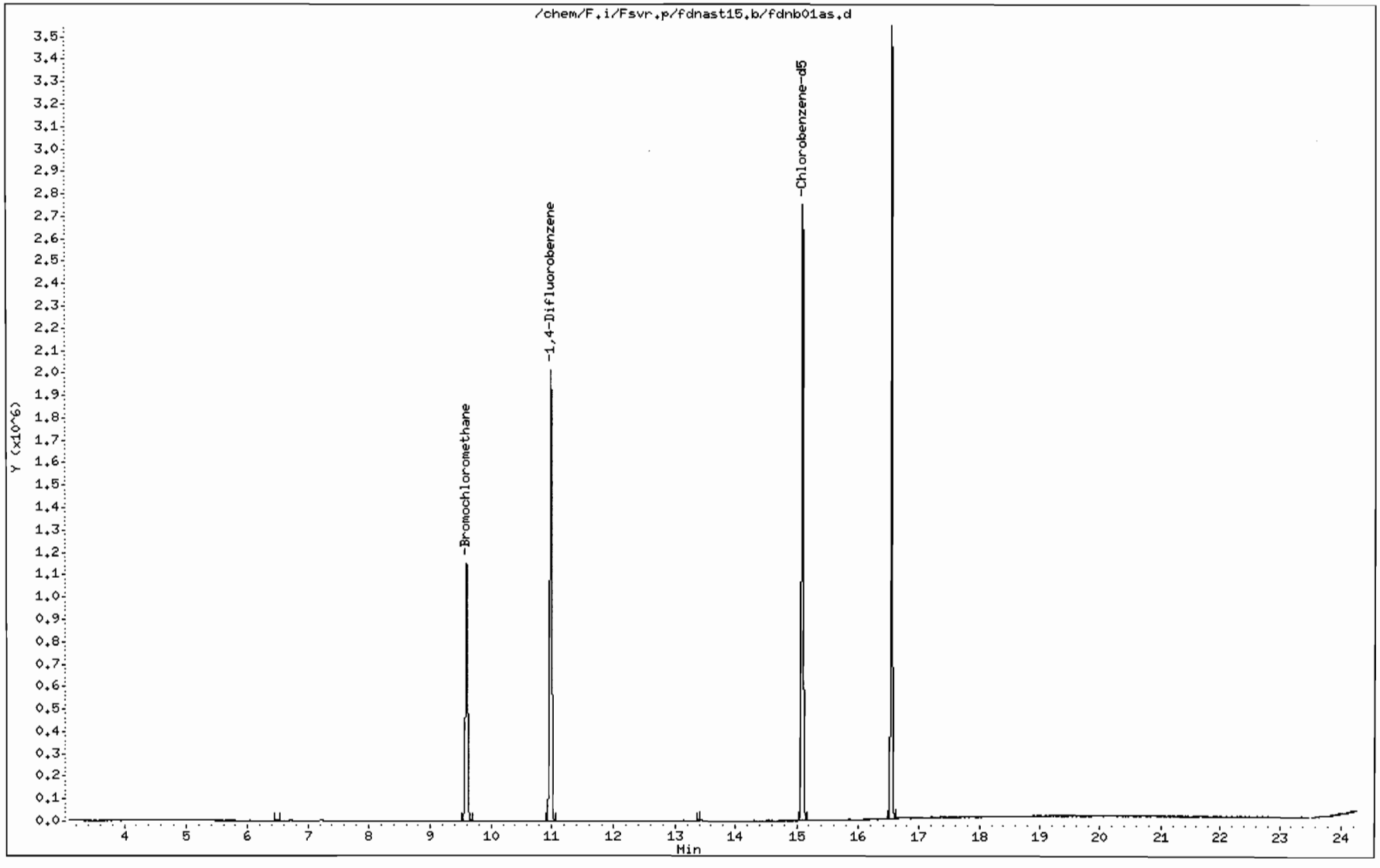
Sample Info: MB

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/fdnb01as.d
Lab Smp Id: MBLK060910FA Client Smp ID: MBLK060910FA
Inj Date : 09-JUN-2010 13:34
Operator : wrd Inst ID: F.i
Smp Info : MB
Misc Info : MBLK060910FA;060910FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	460219	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2251786	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2065870	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	10	
76-14-2	1,2-Dichlorotetrafluoroethan	9.8	
74-87-3	Chloromethane	7.6	
75-01-4	Vinyl Chloride	8.3	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.0	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	8.8	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.1	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.6	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.6	
71-43-2	Benzene	9.4	
107-06-2	1,2-Dichloroethane	9.7	
142-82-5	n-Heptane	7.9	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.6	
123-91-1	1,4-Dioxane	8.8	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.3	
108-10-1	Methyl Isobutyl Ketone	8.3	
108-88-3	Toluene	9.5	
10061-02-6	trans-1,3-Dichloropropene	9.6	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	10	
591-78-6	Methyl Butyl Ketone	8.2	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.6	
100-41-4	Ethylbenzene	9.9	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.6	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.5	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.3	
622-96-8	4-Ethyltoluene	10	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	9.9	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn10asq.d

Page 4

Date : 09-JUN-2010 12:43

Client ID: FA060910LCS

Instrument: F.i

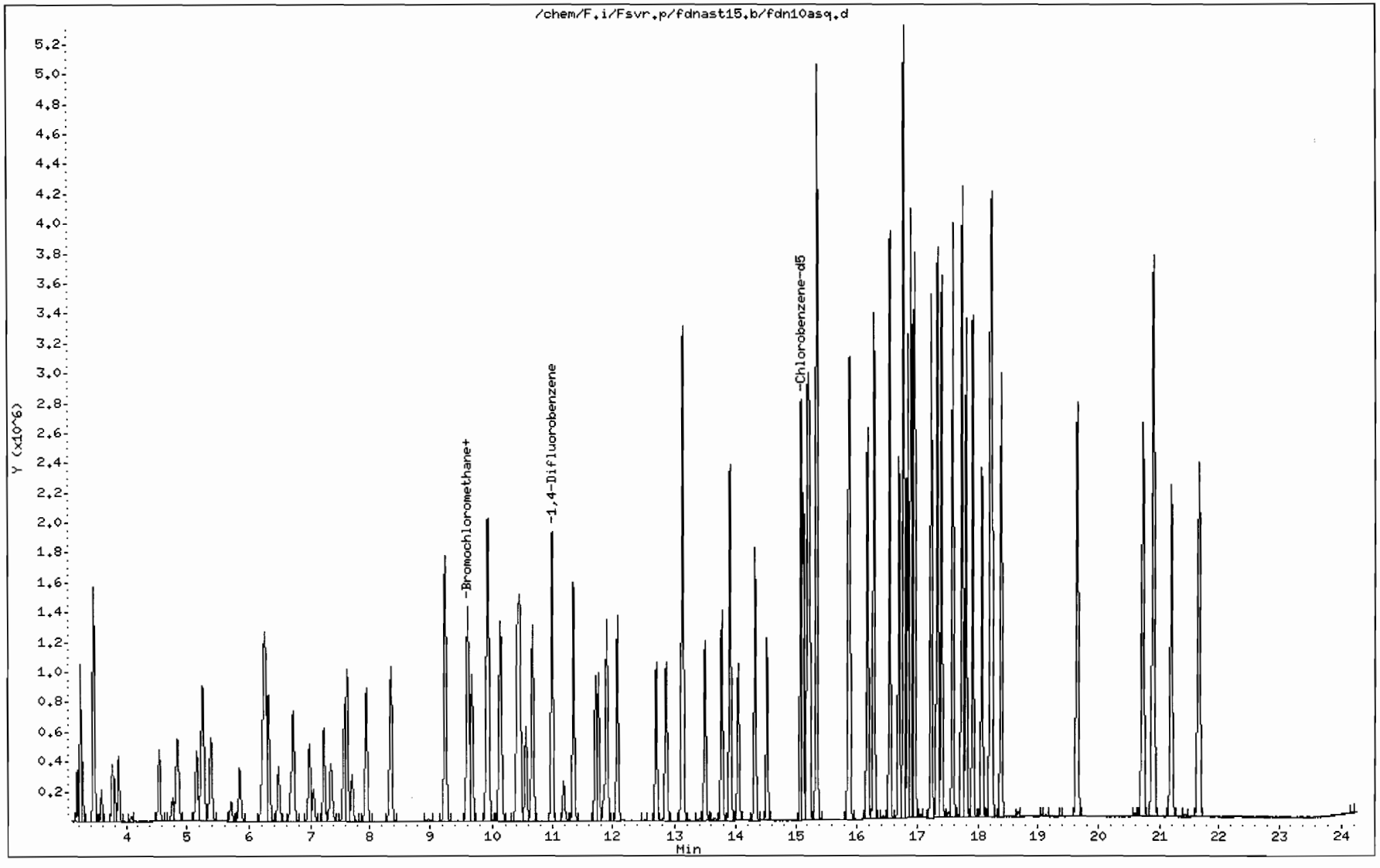
Sample Info: LCS 026272

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/fdn10asq.d
Lab Smp Id: FA060910LCS Client Smp ID: FA060910LCS
Inj Date : 09-JUN-2010 12:43
Operator : wrd Inst ID: F.i
Smp Info : LCS 026272
Misc Info : FA060910LCS;060910FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.226	3.226	(0.336)	996242	10.4089	10
4 1,2-Dichlorotetrafluoroethane	85	3.451	3.456	(0.360)	994570	9.76586	9.8
5 Chloromethane	50	3.579	3.584	(0.373)	230612	7.64211	7.6
7 Vinyl Chloride	62	3.798	3.809	(0.396)	326300	8.27678	8.3
8 1,3-Butadiene	54	3.873	3.879	(0.404)	252326	8.27915	8.3
9 Bromomethane	94	4.553	4.563	(0.474)	444493	9.81350	9.8
10 Chloroethane	64	4.777	4.788	(0.498)	207748	8.51258	8.5
12 Bromoethene	106	5.163	5.179	(0.538)	491818	10.4917	10
13 Trichlorofluoromethane	101	5.259	5.275	(0.548)	1386284	11.1309	11
17 Freon TF	101	6.238	6.259	(0.650)	1033815	11.5713	12
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	492543	11.5163	12(Q)
20 Acetone	43	6.463	6.489	(0.673)	641504	8.68486	8.7
22 Isopropyl Alcohol	45	6.671	6.693	(0.695)	452818	7.99298	8.0
21 Carbon disulfide	76	6.714	6.730	(0.700)	1384878	10.1676	10
23 3-Chloropropene	41	6.981	7.003	(0.727)	482377	8.28190	8.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	7.228	7.254	(0.753)	466455	8.86626	8.9	
	26 tert-Butyl Alcohol	59	7.351	7.372	(0.766)	756427	8.81728	8.8	
	27 Methyl tert-Butyl Ether	73	7.575	7.602	(0.789)	1386555	9.96756	10	
	28 trans-1,2-Dichloroethene	61	7.623	7.645	(0.794)	677671	9.14754	9.1	
	30 n-Hexane	57	7.944	7.966	(0.828)	672367	8.56814	8.6	
	31 1,1-Dichloroethane	63	8.351	8.372	(0.870)	830504	9.28662	9.3	
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.962)	226501	9.28795	9.3	(Q)
	34 cis-1,2-Dichloroethene	96	9.234	9.260	(0.962)	518442	10.2019	10	
M	33 1,2-Dichloroethene,Total	61				1196113	19.3495	19	
*	37 Bromochloromethane	128	9.597	9.619	(1.000)	443752	10.0000		(Q)
	39 Chloroform	83	9.667	9.694	(1.007)	1056572	10.3061	10	
	38 Tetrahydrofuran	42	9.613	9.640	(0.875)	424362	8.05312	8.1	
	41 1,1,1-Trichloroethane	97	9.924	9.950	(0.903)	1166946	11.0730	11	
	40 Cyclohexane	84	9.934	9.956	(0.904)	651775	9.56123	9.6	
	42 Carbon tetrachloride	117	10.122	10.148	(0.921)	1259407	11.2986	11	
	43 2,2,4-Trimethylpentane	57	10.405	10.432	(0.947)	2070891	8.64061	8.6	
	44 Benzene	78	10.448	10.475	(0.951)	1420108	9.44727	9.4	
	45 1,2-Dichloroethane	62	10.550	10.571	(0.960)	679948	9.73269	9.7	
	46 n-Heptane	43	10.657	10.678	(0.970)	707194	7.90338	7.9	
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2139957	10.0000		
	49 Trichloroethene	95	11.347	11.373	(1.033)	688325	10.1744	10	
	50 1,2-Dichloropropane	63	11.721	11.748	(1.067)	487005	8.64977	8.6	
	53 1,4-Dioxane	88	11.855	11.882	(1.079)	195585	8.81368	8.8	
	54 Bromodichloromethane	83	12.074	12.101	(1.099)	1197830	10.7761	11	
	55 cis-1,3-Dichloropropene	75	12.700	12.727	(1.156)	825422	9.33042	9.3	
	56 Methyl Isobutyl Ketone	43	12.861	12.887	(1.170)	919856	8.27504	8.3	
	58 Toluene	92	13.134	13.160	(0.870)	1054295	9.45767	9.5	
	59 trans-1,3-Dichloropropene	75	13.492	13.519	(1.228)	891324	9.60263	9.6	
	60 1,1,2-Trichloroethane	83	13.765	13.792	(0.912)	504669	9.15401	9.2	
	61 Tetrachloroethene	166	13.899	13.925	(0.921)	1020474	10.4958	10	
	62 Methyl Butyl Ketone	43	14.038	14.064	(0.930)	881701	8.15783	8.2	
	63 Dibromochloromethane	129	14.316	14.343	(0.949)	1296709	11.2103	11	
	64 1,2-Dibromoethane	107	14.519	14.546	(0.962)	1049850	10.1231	10	
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2055673	10.0000		
	66 Chlorobenzene	112	15.129	15.150	(1.002)	1505884	9.60223	9.6	
	68 Ethylbenzene	91	15.199	15.225	(1.007)	2420610	9.89928	9.9	
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	1907727	19.1935	19	
	71 Xylene (o)	106	15.862	15.883	(1.051)	937895	9.56708	9.6	
M	70 Xylenes, Total	106				2845622	29.0270	29	
	72 Styrene	104	15.889	15.910	(1.053)	1462942	9.52593	9.5	
	73 Bromoform	173	16.172	16.199	(1.072)	1457020	12.0064	12	
	76 1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1358986	9.34347	9.3	
	80 4-Ethyltoluene	105	16.884	16.905	(1.119)	3007504	10.3858	10	
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.123)	2422705	10.1331	10	
	81 2-Chlorotoluene	91	16.921	16.943	(1.121)	2717674	10.3752	10	
	85 1,2,4-Trimethylbenzene	105	17.392	17.413	(1.152)	2407317	9.94511	9.9	
	88 1,3-Dichlorobenzene	146	17.799	17.820	(1.179)	1781722	10.3058	10	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	17.911	17.932	(1.187)	1799292	10.4476	10
93 1,2-Dichlorobenzene	146	18.387	18.414	(1.218)	1669941	10.2540	10
95 1,2,4-Trichlorobenzene	180	20.714	20.752	(1.373)	1500877	10.6446	11
96 Hexachlorobutadiene	225	20.885	20.923	(1.384)	1467254	11.5648	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Sample Preparation – TO-15 Volatile

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. O. (MATT OLESKE)
Company: AKRF Inc.	Phone: 646.388.9525	1 of 1 COCs
Address: 440 PARK AVE SOUTH 7TH FLOOR	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: STEVE GRENS	
FAX: 212.726.0942	TA Contact: ERIN AREGATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: 40-22 College Pt. Blvd. Flushing, NY	Standard (Specify) X	
PO # 30141-0116	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-1	6/1/2010	11:06	11:36	-30	-6	4631	2730	X									X		
CE-VAPOR-2	6/1/2010	11:07	11:37	~~-30~~ -31	-12	4606	4545	X									X		
CE-VAPOR-3	6/1/2010	11:06	11:36	~~-31~~ -28	-4	4612	4211	X									X		
CE-VAPOR-4	6/1/2010	11:04	11:34	~~-28~~ -31	-4	4591	3160	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86.0	89.2
Stop	86.6	89.5

Pressure (inches of Hg)	Interior	Ambient
Start	29.78	29.78
Stop	29.78	29.78

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 6/1/2010 19:45	Samples Received by: 6/3/10 10:15
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
CEFLUS	NY137572	137572	6-4-10	1035	29.6	22	G5	J.J.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
831824	2730	-5.1	N	4631	Y	4922 FDNV	
831825	4545	-3.4	N	4606	Y	4922 FDNV	
831826	4211	-3.7	N	4612	Y	2641 FDNV	
831827	3160	-3.4	N	4591	Y	3160 CJCP	

6-4-2010 J.J.

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

TestAmerica Burlington - Manual Integration Summary
SDG: fdnto15 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	07-APR-2010 14:37	FDN10V2	
	11.882	1,4-Dioxane			MI3 - Mis-identification of peak	sv 04/12/10 21:32	sv 04/12/10

Summary Generated: sv 04/12/2010 21:38 Secondary Review(1): PAD | 4/12/10 Secondary Review(2): _____|_____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDN	Start Date: 4/7/10	Time: 0919	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 4/8/10	Time: 0919	CAL STD Lot #	see comment	Instrument: 5973
ICAL Date:	4/7/10	2009 75085		ICV / LCS Lot #	See Comment	Column Type: RTX-624

	Manager	Analyst WHP	Analyst	Analyst	Analyst
Name/Initial		William DeStefano			
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0919	FDN01P1V		BFB	NA			WHD	NA	NA	WHD	
1011	FDNB01	4983			1	200					
1104	FDNC02V	3366	Level 1		2				✓		22289
1157	FDN005V	3646	Level 2		3				✓		22287
1251	FDN05V	3142	Level 3		4				✓		21996
1345	FDN10V	3351	N/A		6						21990 Valve Closed
1437	FDN15V	3631	Level 5		7				✓		21989
1528	FDN20V	3535	Level 6		8				✓	WHD	21985
1709	FDN40V	2691	Level 7		9				✓		21958
1437	FDN10V2	3351	Level 4		6	200			✓	WHD	21990
1800	FDNB02	4983	IBLK		1	200				WHD	
1850	FDN10Q	3643	ICV		10	200		✓	✓		21407
1941	FDNB03	4983	MBLK		1	200		✓	✓		
2041	4223	NA	NA	0.16	11	1250		~~✓~~	~~✓~~	WHD	
2141	4591				12			✓	✓		
2241	3322				13			✓	✓		
2341	4279				14			✓	✓		
0041	2882				15			✓	✓		
0141	3351				16			✓	✓		
0241	2510				2			✓	✓		
0341	3296				3			✓	✓		
0441	4283				4			✓	✓		
0541	3405				5			✓	✓		
0642	2737				6			✓	✓		
0741	2866				7			✓	✓		
0841	4581	NA	NA	0.16	1	1250	NJR	✓	✓		
	3760			0.16	2	1250					4/8/10

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDNA5	Start Date: 6/9/10	Time: 0942	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 6/10/10	Time: 0942	CAL STD Lot #	26276	Instrument: 5973
ICAL Date:	4/7/10			ICV / LCS Lot #	26272	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0942	FDN46AV		BFB	NA	NA	NA	WRD	NA	NA	WRD	
1101	FDN16ASV	3544			1	200					long trace on trg 2
1152	FDN16ASV2	3544	CCV		1	200		NA	✓		AG
1243	FDN16BSD	2964	LCS		2			✓	✓		
1334	FDN8GIAS	4632	MBLK		3			✓	✓		
1454	831879D2	3259	137550	205	4	16		✓	✓	WRD	COF 16.4 C
1544	831880 D2	3015		5020	5	2050		✓	↑		COF 5.0 C120C66
1635	831946 D	2522	137602	2.5	6	80		✓	✓		C
1726	83A47D2	2683		40.4	7	21		✓	✓		COF 4.24 C
1817	831824D	2930	137572	10	8	20		✓	✓		High TICs C
1907	831825D	4545			9			✓	✓		C
1958	831826D	4211			10			✓	✓		C
2049	831827D	3160			11			✓	✓	WRD	C
2145	4161	NA	593	0.2	12	1000	WRD	✓	✓		
2240	3316		595		13			✓	✓		
2336	2967		506		14			✓	✓		
0027	831936	2509	137599	10	15	20		✓	✓		C
0118	831937	3150			16			✓	✓		C
0209	831938	2888			1			✓	✓		C
0300	831939	2784			2			✓	✓		C
0352	83168D3	3015	137550	100	5	26		✓	↓		COF 13.0
0443	832086D	Bag	137646	10	3	20		✓	✓		C High TICs
0534	832087			1	4	200		✓	✓		C
0625	832088	Bag	137647	1	6	200		✓	✓		C
0716	832089D			20	7	10		✓	✓		C High TICs
0807	832090 D			20	8	10		✓	✓	WRD	C
0858	83168D04	3015	137550	50	5	52	WRD	✓	✓		C

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

Sample Handling

From: Origin ID: JRAA (646) 388-9719
JoLayne Morneau
AKRF, Inc.
440 Park Avenue South, 7th Floor

New York, NY 10016

FedEx Express

J10181602220224

Ship Date: 01JUN10
ActWgt: 36.0 LB
CAD: 4800516/INET3010

Delivery Address Bar Code

SHIP TO: (646) 388-9864 **BILL SENDER**

Air Sample Receiving
TestAmerica Burlington
30 COMMUNITY DR STE 11

SOUTH BURLINGTON, VT 05403

Ref # 30141-0116
Invoice #
PO #
Dept #

TRK# 0201 7935 9481 4686

WED - 02 JUN AA
PRIORITY OVERNIGHT

05403
VT-US
BTV

ZF BTVA

505G1/22F2/5FE8

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: CEELUS	Date Received: 06/03/10	Log In Date: 06/03/10
ETR: 137572	Time Received: 1025	By:
SDG: NY137572	Received By: CK	Signature:
Project: 290060	# Coolers Received: 2 Boxes	PM Signature:
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 6/22/10
List Air bill Number(s) of Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact		X		
Custody seal numbers are present			X	
If yes, list custody seal numbers:				

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

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

Cooler 1: ATR	°C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures		X		Not relinquished
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X			
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

TestAmerica
South Burlington, VT

Sample Data Summary Package

NY137497

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 11, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave, South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137497

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on May 27th, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 05/27/10 ETR No: 137497		
831356	CE-VAPOR-5	05/24/10	AIR
831357	CE-VAPOR-6	05/24/10	AIR
831358	CE-VAPOR-7	05/24/10	AIR
831359	CE-VAPOR-8	05/24/10	AIR
831360	CE-AA	05/24/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	11		5.0	32		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	5.4		2.0	20		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	2.9		2.0	12		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	23		5.0	68		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50		50	150		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.5		2.0	10		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	8.2		2.0	31		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	3.0		2.0	13		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831358

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	130		5.0	380		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	180		50	530		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Lab Sample No.: 831358

Dilution Factor: 10.00

Date Analyzed: 06/03/10

Sample Matrix: AIR

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	8.4		5.0	34		20
Toluene	108-88-3	3.7		2.0	14		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	12		2.0	51		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	41		5.0	120		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	77		50	230		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.1		2.0	8.5		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	7.0		2.0	26		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	6.3		2.0	27		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.25		0.20	1.4		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.55		0.50	1.6		1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.79		0.20	3.0		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.42		0.40	1.8		1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.42		0.20	1.8		0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	7.8		0.50	16		1.0
Vinyl Chloride	75-01-4	8.4		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.3		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	9.1		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.2		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.7		0.20	41		0.93
Benzene	71-43-2	9.5		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.8		0.20	40		0.81
n-Heptane	142-82-5	8.0		0.20	33		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.7		0.20	40		0.92
1,4-Dioxane	123-91-1	9.2		5.0	33		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.4		0.20	43		0.91
Methyl Isobutyl Ketone	108-10-1	8.4		0.50	34		2.0
Toluene	108-88-3	9.6		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.7		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	8.3		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.7		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.7		0.20	41		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.5		0.20	65		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE	1 of 1 COCs
Company: AKRF Inc.	Phone: 646.388.9525		
Address: 440 PARK AVENUE SOUTH 7TH FL	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARASATE		
Project Name: CE FLUSHING	**Analysis Turnaround Time**		
Site: 40-22 College Point Blvd. Flushing NY	Standard (Specify) X		
PO # 30141-116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-5	5/24/10	12:03	12:33	-31	-8	4617	3225	X									X		
CE-VAPOR-6	5/24/10	12:04	12:34	-31	-10	4685	2574	X									X		
CE-VAPOR-7	5/24/10	12:03	12:33	-30	-6	4980	4380	X									X		
CE-VAPOR-8	5/24/10	12:03	12:33	-30	-8	4605	2900	X									X		
CE-AA	5/24/10	12:44	13:14	-30	-6	4979	4291	X								X	~~X~~		

Temperature (Fahrenheit)	Interior	Ambient
Start		72.8
Stop		73.1

Pressure (inches of Hg)	Interior	Ambient
Start		30.29
Stop		30.29

Special Instructions/QC Requirements & Comments:
SAMPLE CE-AA IS AMBIENT AIR, NOT SOIL GAS.

Samples Shipped by: Matthew Oleske	Date/Time: 5/25/10 15:00	Samples Received by: 5/27/10 1020
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.25	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.55	
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.79	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.42	
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.42	
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	5.4	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	2.9	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	23	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.5	
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	8.2	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	3.0	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	130	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	180	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	3.7	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	12	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	41	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	77	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.1	
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	7.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	6.3	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	10	
74-87-3	Chloromethane	7.8	
75-01-4	Vinyl Chloride	8.4	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.3	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.2	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.7	
71-43-2	Benzene	9.5	
107-06-2	1,2-Dichloroethane	9.8	
142-82-5	n-Heptane	8.0	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.7	
123-91-1	1,4-Dioxane	9.2	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.4	
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	9.6	
10061-02-6	trans-1,3-Dichloropropene	9.7	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	8.3	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.7	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.7	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.7	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.5	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		10	100	70-130
Chloromethane	10		7.8	78	70-130
Vinyl Chloride	10		8.4	84	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.3	83	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		9.1	91	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.2	92	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.5	95	70-130

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

* Values outside of QC limits

COMMENTS: _____

_____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.7	87	70-130
Benzene	10		9.5	95	70-130
1,2-Dichloroethane	10		9.8	98	70-130
n-Heptane	10		8.0	80	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.7	87	70-130
1,4-Dioxane	10		9.2	92	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.4	94	70-130
Methyl Isobutyl Ketone	10		8.4	84	70-130
Toluene	10		9.6	96	70-130
trans-1,3-Dichloroprope	10		9.7	97	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		8.3	83	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.7	97	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.7	97	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.7	97	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.5	95	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDNB01AN Lab Sample ID: MBLK060310FA

Date Analyzed: 06/03/10 Time Analyzed: 1212

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060310LCS	FA060310LCS	FDN10ANQ	1120
02	CE-AA	831360	831360	1635
03	CE-VAPOR-5	831356	831356	1726
04	CE-VAPOR-6	831357	831357	1817
05	CE-VAPOR-7	831358	831358	1909
06	CE-VAPOR-8	831359	831359	2000
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN41PV BFB Injection Date: 06/03/10

Instrument ID: F BFB Injection Time: 0935

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.9
75	30.0 - 66.0% of mass 95	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	96.8
175	4.0 - 9.0% of mass 174	6.7 (6.9)1
176	93.0 - 101.0% of mass 174	94.3 (97.4)1
177	5.0 - 9.0% of mass 176	6.1 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN10ANV	06/03/10	1030
02	FA060310LCS	FA060310LCS	FDN10ANQ	06/03/10	1120
03	MBLK060310FA	MBLK060310FA	FDNB01AN	06/03/10	1212
04	CE-AA	831360	831360	06/03/10	1635
05	CE-VAPOR-5	831356	831356	06/03/10	1726
06	CE-VAPOR-6	831357	831357	06/03/10	1817
07	CE-VAPOR-7	831358	831358	06/03/10	1909
08	CE-VAPOR-8	831359	831359	06/03/10	2000
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.339	2.320	2.300	2.118		
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234		
Chloromethane		0.773	0.723	0.716	0.657		
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882		
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668		
Bromomethane	1.089	1.072	1.040	1.018	1.009		
Chloroethane		0.591	0.571	0.565	0.547		
Bromoethene	1.101	1.096	1.068	1.051	1.054		
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766		
Freon TF	2.049	2.077	2.023	2.000	2.018		
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957		
Acetone			1.786	1.844	1.638		
Isopropyl Alcohol			1.362	1.316	1.279		
Carbon disulfide		3.110	3.157	3.096	3.102		
3-Chloropropene	1.307	1.316	1.372	1.370	1.316		
Methylene chloride		1.375	1.221	1.195	1.150		
tert-Butyl Alcohol			2.012	1.964	1.944		
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146		
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661		
n-Hexane	1.885	1.828	1.827	1.773	1.750		
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008		*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560		
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149		
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405		
Chloroform	2.426	2.346	2.363	2.327	2.300		
Tetrahydrofuran			0.256	0.254	0.248		
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496		
Cyclohexane	0.319	0.310	0.321	0.317	0.325		
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531		
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123		
Benzene	0.743	0.719	0.702	0.688	0.700		
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325		
n-Heptane	0.449	0.443	0.427	0.421	0.411		
Trichloroethene	0.322	0.314	0.315	0.313	0.319		
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265		
1,4-Dioxane			0.106	0.103	0.105		
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532		

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424			
Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530			
Toluene	0.562	0.536	0.532	0.532	0.561			
trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447			
1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272			
Tetrachloroethene	0.466	0.451	0.447	0.450	0.486			
Methyl Butyl Ketone		0.496	0.531	0.538	0.543			
Dibromochloromethane	0.506	0.498	0.544	0.562	0.600			
1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522			
Chlorobenzene *	0.766	0.749	0.735	0.741	0.779			*
Ethylbenzene	1.234	1.192	1.176	1.182	1.220			
Xylene (m,p)	0.488	0.481	0.478	0.487	0.506			
Xylene (o)	0.456	0.463	0.468	0.479	0.499			
Xylenes, Total	0.456	0.463	0.468	0.479	0.499			
Styrene	0.716	0.691	0.732	0.752	0.792			
Bromoform	0.472	0.477	0.576	0.606	0.656			
1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729			
4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460			
1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213			
2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309			
1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224			
1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876			
1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877			
1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823			
1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720			
Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

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

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date: 06/03/10 Time: 1030

Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.257	0.01	4.6	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.243	0.01	2.3	30.0
Chloromethane	0.680	0.528	0.01	22.4	30.0
Vinyl Chloride	0.888	0.732	0.01	17.6	30.0
1,3-Butadiene	0.687	0.548	0.01	20.2	30.0
Bromomethane	1.021	1.014	0.01	0.7	30.0
Chloroethane	0.550	0.464	0.01	15.6	30.0
Bromoethene	1.056	1.057	0.01	0.1	30.0
Trichlorofluoromethane	2.806	3.013	0.01	7.4	30.0
Freon TF	2.013	2.064	0.01	2.5	30.0
1,1-Dichloroethene	0.964	0.965	0.01	0.1	30.0
Acetone	1.664	1.527	0.01	8.2	30.0
Isopropyl Alcohol	1.277	1.045	0.01	18.2	30.0
Carbon disulfide	3.069	2.992	0.01	2.5	30.0
3-Chloropropene	1.312	1.069	0.01	18.5	30.0
Methylene chloride	1.185	0.982	0.01	17.1	30.0
tert-Butyl Alcohol	1.933	1.759	0.01	9.0	30.0
Methyl tert-Butyl Ether	3.135	3.003	0.01	4.2	30.0
trans-1,2-Dichloroethene	1.669	1.502	0.01	10.0	30.0
n-Hexane	1.768	1.488	0.01	15.8	30.0
1,1-Dichloroethane	2.015	1.817	0.1	9.8	30.0
Methyl Ethyl Ketone	0.550	0.493	0.01	10.4	30.0
cis-1,2-Dichloroethene	1.145	1.104	0.01	3.6	30.0
1,2-Dichloroethene,Total	1.407	1.303	0.01	7.4	30.0
Chloroform	2.310	2.339	0.01	1.2	30.0
Tetrahydrofuran	0.246	0.194	0.01	21.1	30.0
1,1,1-Trichloroethane	0.492	0.531	0.01	7.9	30.0
Cyclohexane	0.318	0.294	0.01	7.5	30.0
Carbon tetrachloride	0.521	0.573	0.01	10.0	30.0
2,2,4-Trimethylpentane	1.120	0.952	0.01	15.0	30.0
Benzene	0.702	0.651	0.01	7.3	30.0
1,2-Dichloroethane	0.326	0.313	0.01	4.0	30.0
n-Heptane	0.418	0.329	0.01	21.3	30.0
Trichloroethene	0.316	0.313	0.01	0.9	30.0
1,2-Dichloropropane	0.263	0.229	0.01	12.9	30.0
1,4-Dioxane	0.103	0.095	0.01	7.8	30.0
Bromodichloromethane	0.519	0.534	0.01	2.9	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

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Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.385	0.01	6.8	30.0
Methyl Isobutyl Ketone	0.519	0.418	0.01	19.5	30.0
Toluene	0.542	0.513	0.01	5.4	30.0
trans-1,3-Dichloropropene	0.434	0.416	0.01	4.1	30.0
1,1,2-Trichloroethane	0.268	0.254	0.01	5.2	30.0
Tetrachloroethene	0.473	0.491	0.01	3.8	30.0
Methyl Butyl Ketone	0.526	0.422	0.01	19.8	30.0
Dibromochloromethane	0.562	0.596	0.01	6.0	30.0
1,2-Dibromoethane	0.504	0.511	0.01	1.4	30.0
Chlorobenzene	0.763	0.727	0.3	4.7	30.0
Ethylbenzene	1.189	1.164	0.01	2.1	30.0
Xylene (m,p)	0.484	0.464	0.01	4.1	30.0
Xylene (o)	0.477	0.460	0.01	3.6	30.0
Xylenes, Total	0.477	0.460	0.01	3.6	30.0
Styrene	0.747	0.708	0.01	5.2	30.0
Bromoform	0.590	0.670	0.01	13.6	30.0
1,1,2,2-Tetrachloroethane	0.708	0.675	0.01	4.7	30.0
4-Ethyltoluene	1.409	1.405	0.01	0.3	30.0
1,3,5-Trimethylbenzene	1.163	1.169	0.01	0.5	30.0
2-Chlorotoluene	1.274	1.271	0.01	0.2	30.0
1,2,4-Trimethylbenzene	1.178	1.181	0.01	0.2	30.0
1,3-Dichlorobenzene	0.841	0.868	0.01	3.2	30.0
1,4-Dichlorobenzene	0.838	0.876	0.01	4.5	30.0
1,2-Dichlorobenzene	0.792	0.834	0.01	5.3	30.0
1,2,4-Trichlorobenzene	0.686	0.658	0.01	4.1	30.0
Hexachlorobutadiene	0.617	0.650	0.01	5.3	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID (Standard): FDN10ANV Date Analyzed: 06/03/10

Instrument ID: F Time Analyzed: 1030

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	442712	9.60	2131855	10.99	2042356	15.09
	UPPER LIMIT	619797	9.93	2984597	11.32	2859298	15.42
	LOWER LIMIT	265627	9.27	1279113	10.66	1225414	14.76
	CLIENT SAMPLE NO.						
01	FA060310LCS	448002	9.60	2163711	10.99	2083633	15.09
02	MBLK060310FA	474317	9.59	2328940	10.98	2152030	15.09
03	CE-AA	463738	9.59	2251829	10.99	2086918	15.09
04	CE-VAPOR-5	418819	9.59	2061815	10.99	1916417	15.09
05	CE-VAPOR-6	480770	9.59	2336994	10.99	2169992	15.09
06	CE-VAPOR-7	490456	9.60	2377003	10.99	2219810	15.09
07	CE-VAPOR-8	481274	9.59	2323060	10.99	2167274	15.09
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

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

TestAmerica
South Burlington, VT

Extended Data Package

NY137497

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 11, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave, South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137497

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on May 27th, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 05/27/10 ETR No: 137497		
831356	CE-VAPOR-5	05/24/10	AIR
831357	CE-VAPOR-6	05/24/10	AIR
831358	CE-VAPOR-7	05/24/10	AIR
831359	CE-VAPOR-8	05/24/10	AIR
831360	CE-AA	05/24/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

Chain of Custody **16**

QC Summary TO-15 Volatile **18**

Standards TO-15 Volatile **26**

Supportive Documentation TO-15 Volatile **79**

Raw QC Data TO-15 Volatile **126**

Sample Preparation TO-15 Volatile **145**

Sample Handling **151**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	11		5.0	32		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	5.4		2.0	20		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	2.9		2.0	12		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	23		5.0	68		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50		50	150		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.5		2.0	10		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	8.2		2.0	31		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	3.0		2.0	13		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831358

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	130		5.0	380		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	180		50	530		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831358

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	8.4		5.0	34		20
Toluene	108-88-3	3.7		2.0	14		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	12		2.0	51		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	41		5.0	120		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	77		50	230		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.1		2.0	8.5		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	7.0		2.0	26		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	6.3		2.0	27		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.25		0.20	1.4		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.55		0.50	1.6		1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.79		0.20	3.0		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.42		0.40	1.8		1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.42		0.20	1.8		0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	7.8		0.50	16		1.0
Vinyl Chloride	75-01-4	8.4		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.3		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	9.1		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.2		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.7		0.20	41		0.93
Benzene	71-43-2	9.5		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.8		0.20	40		0.81
n-Heptane	142-82-5	8.0		0.20	33		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.7		0.20	40		0.92
1,4-Dioxane	123-91-1	9.2		5.0	33		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.4		0.20	43		0.91
Methyl Isobutyl Ketone	108-10-1	8.4		0.50	34		2.0
Toluene	108-88-3	9.6		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.7		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	8.3		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.7		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.7		0.20	41		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.5		0.20	65		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

*: Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

Chain of Custody

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE
Company: AKRF Inc.	Phone: 646.388.9525	1 of 1 COCs
Address: 440 PARK AVENUE SOUTH 7TH FL	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: STEVE GRENS	
FAX: 212.726.0942	TA Contact: ERIN ARASATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: 40-22 College Point Blvd. Flushing NY	Standard (Specify) X	
PO # 30141-116	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-5	5/24/10	12:03	12:33	-31	-8	4617	3225	X									X		
CE-VAPOR-6	5/24/10	12:04	12:34	-31	-10	4685	2574	X									X		
CE-VAPOR-7	5/24/10	12:03	12:33	-30	-6	4980	4380	X									X		
CE-VAPOR-8	5/24/10	12:03	12:33	-30	-8	4605	2900	X									X		
CE-AA	5/24/10	12:44	13:14	-30	-6	4979	4291	X								X	X		

Temperature (Fahrenheit)	Interior	Ambient
Start		72.8
Stop		73.1

Pressure (inches of Hg)	Interior	Ambient
Start		30.29
Stop		30.29

Special Instructions/QC Requirements & Comments:
SAMPLE CE-AA IS AMBIENT AIR, NOT SOIL GAS.

Samples Shipped by: Matthew Oleske	Date/Time: 5/25/10 15:00	Samples Received by: 5/27/10 1020
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		10	100	70-130
Chloromethane	10		7.8	78	70-130
Vinyl Chloride	10		8.4	84	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.3	83	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		9.1	91	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.2	92	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.5	95	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.7	87	70-130
Benzene	10		9.5	95	70-130
1,2-Dichloroethane	10		9.8	98	70-130
n-Heptane	10		8.0	80	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.7	87	70-130
1,4-Dioxane	10		9.2	92	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.4	94	70-130
Methyl Isobutyl Ketone	10		8.4	84	70-130
Toluene	10		9.6	96	70-130
trans-1,3-Dichloroprope	10		9.7	97	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		8.3	83	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.7	97	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.7	97	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.7	97	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.5	95	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDNB01AN Lab Sample ID: MBLK060310FA

Date Analyzed: 06/03/10 Time Analyzed: 1212

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060310LCS	FA060310LCS	FDN10ANQ	1120
02	CE-AA	831360	831360	1635
03	CE-VAPOR-5	831356	831356	1726
04	CE-VAPOR-6	831357	831357	1817
05	CE-VAPOR-7	831358	831358	1909
06	CE-VAPOR-8	831359	831359	2000
07				
08				
09				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
08					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN41PV BFB Injection Date: 06/03/10

Instrument ID: F BFB Injection Time: 0935

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.9
75	30.0 - 66.0% of mass 95	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	96.8
175	4.0 - 9.0% of mass 174	6.7 (6.9)1
176	93.0 - 101.0% of mass 174	94.3 (97.4)1
177	5.0 - 9.0% of mass 176	6.1 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN10ANV	06/03/10	1030
02	FA060310LCS	FA060310LCS	FDN10ANQ	06/03/10	1120
03	MBLK060310FA	MBLK060310FA	FDNB01AN	06/03/10	1212
04	CE-AA	831360	831360	06/03/10	1635
05	CE-VAPOR-5	831356	831356	06/03/10	1726
06	CE-VAPOR-6	831357	831357	06/03/10	1817
07	CE-VAPOR-7	831358	831358	06/03/10	1909
08	CE-VAPOR-8	831359	831359	06/03/10	2000
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17					
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20					
21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID (Standard): FDN10ANV Date Analyzed: 06/03/10

Instrument ID: F Time Analyzed: 1030

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	442712	9.60	2131855	10.99	2042356	15.09
	UPPER LIMIT	619797	9.93	2984597	11.32	2859298	15.42
	LOWER LIMIT	265627	9.27	1279113	10.66	1225414	14.76
	CLIENT SAMPLE NO.						
01	FA060310LCS	448002	9.60	2163711	10.99	2083633	15.09
02	MBLK060310FA	474317	9.59	2328940	10.98	2152030	15.09
03	CE-AA	463738	9.59	2251829	10.99	2086918	15.09
04	CE-VAPOR-5	418819	9.59	2061815	10.99	1916417	15.09
05	CE-VAPOR-6	480770	9.59	2336994	10.99	2169992	15.09
06	CE-VAPOR-7	490456	9.60	2377003	10.99	2219810	15.09
07	CE-VAPOR-8	481274	9.59	2323060	10.99	2167274	15.09
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

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

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

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

Standards – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.25	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.55	
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

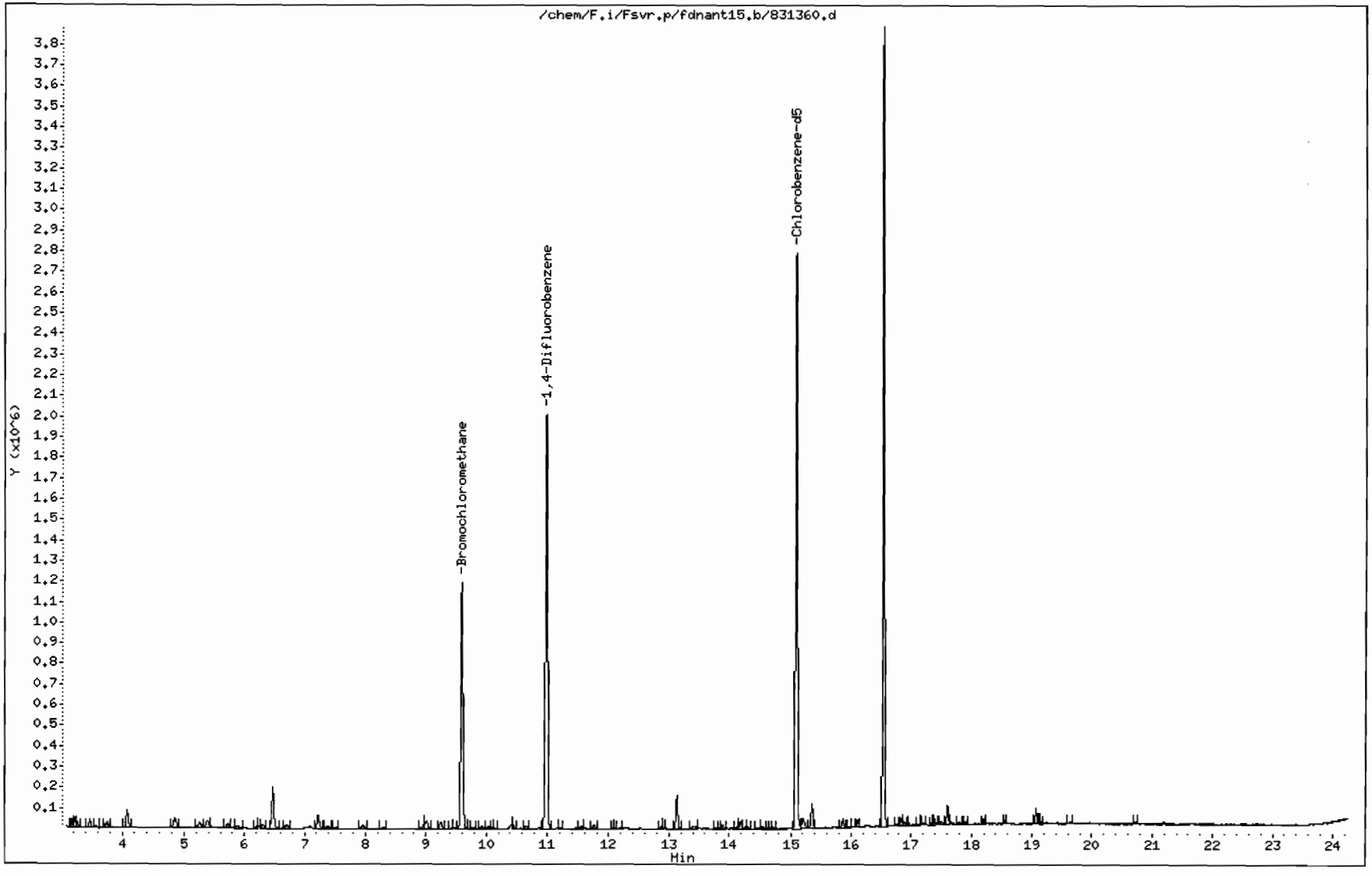
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.79	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.42	
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.42	
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d
Date : 03-JUN-2010 16:35
Client ID: CE-AA
Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)
Purge Volume: 200.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831360.d
Lab Smp Id: 831360 Client Smp ID: CE-AA
Inj Date : 03-JUN-2010 16:35
Operator : WRD Inst ID: F.i
Smp Info : CE-AA :[ ]05/24/10 @1314(AIR)
Misc Info : 831360;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.259	5.275	(0.548)	31954	0.24551	0.25
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.244	9.260	(0.964)	14130	0.55445	0.55	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	463738	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2251829	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	13.134	13.160	(0.870)	89167	0.78791	0.79	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2086918	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	41914	0.41538	0.42	
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106				41914	0.42115	0.42	
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

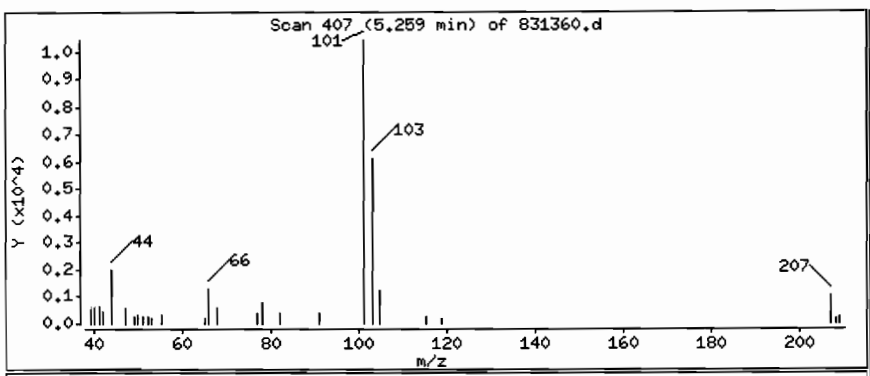
Operator: WRD

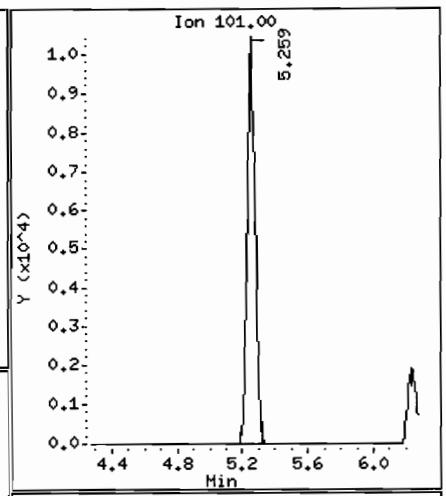
Column phase: RTX-624

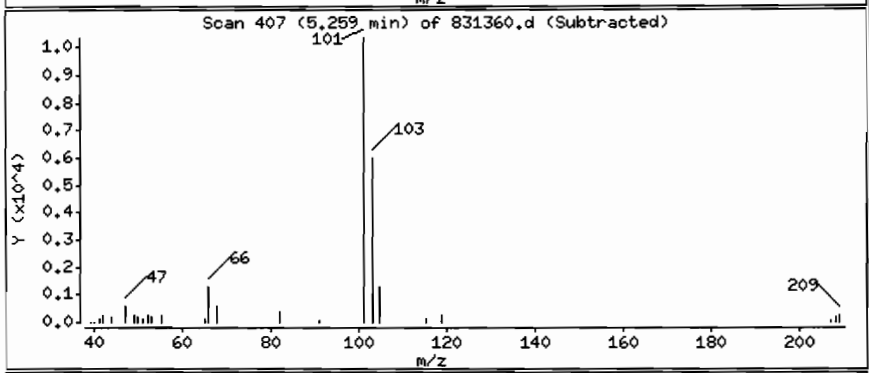
Column diameter: 0.32

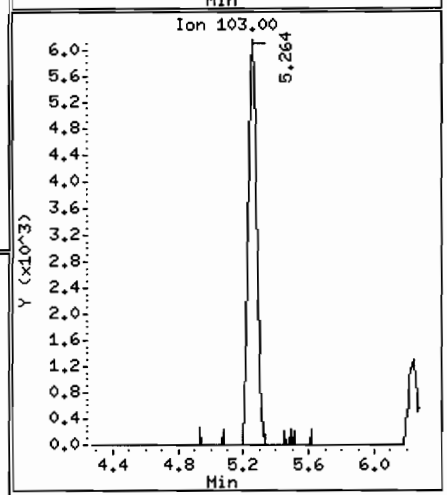
13 Trichlorofluoromethane

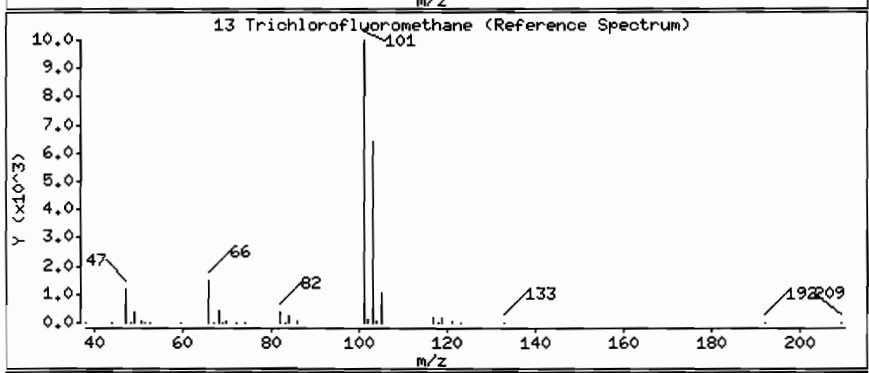
Concentration: 0.25 ppbv

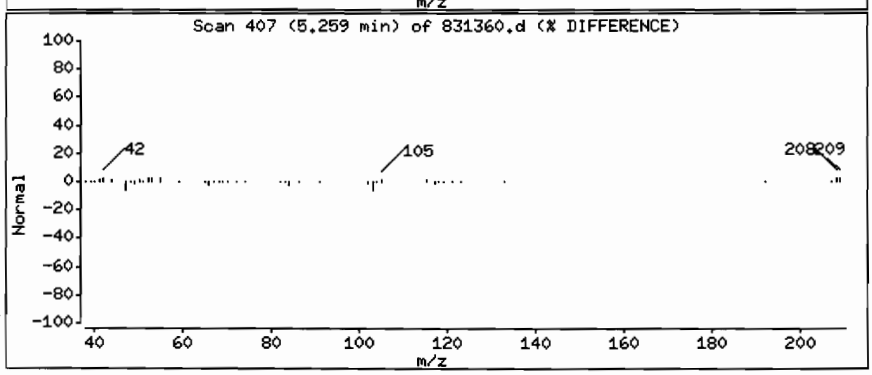












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

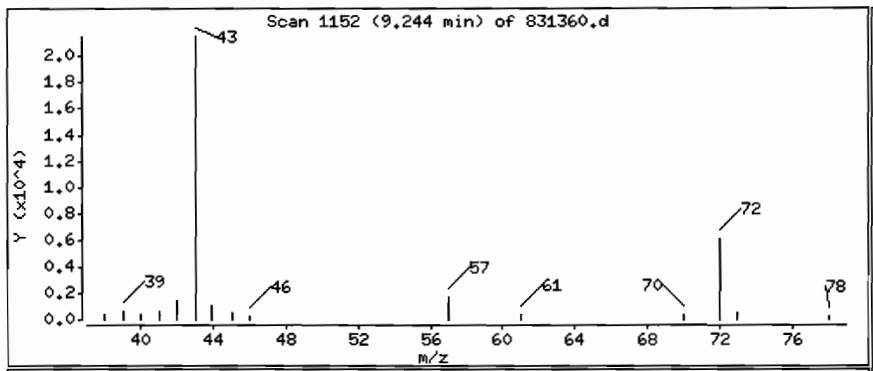
Operator: WRD

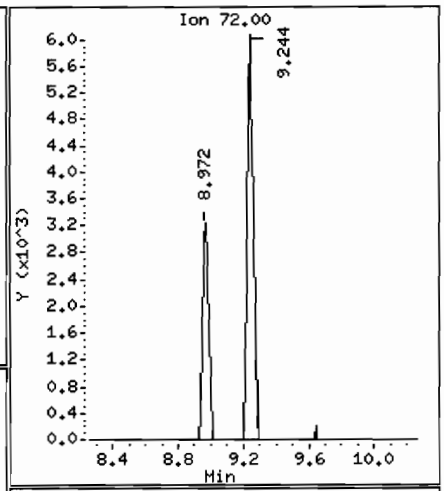
Column phase: RTX-624

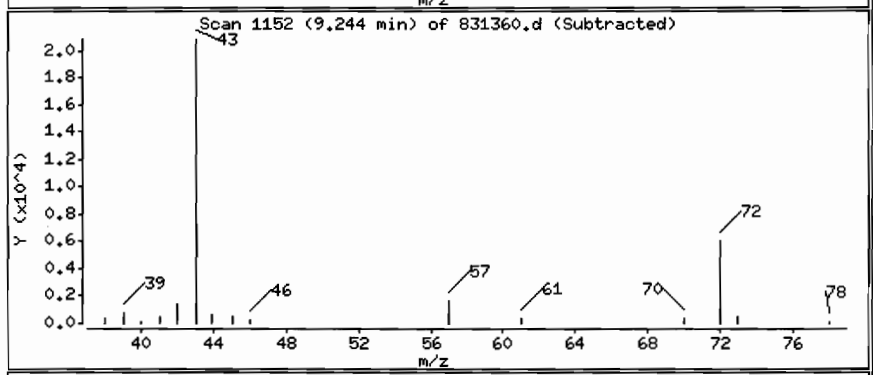
Column diameter: 0.32

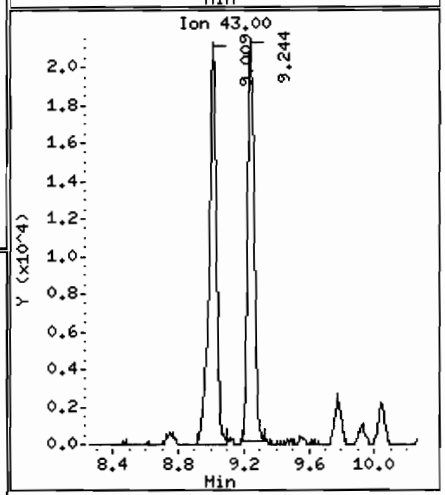
36 Methyl Ethyl Ketone

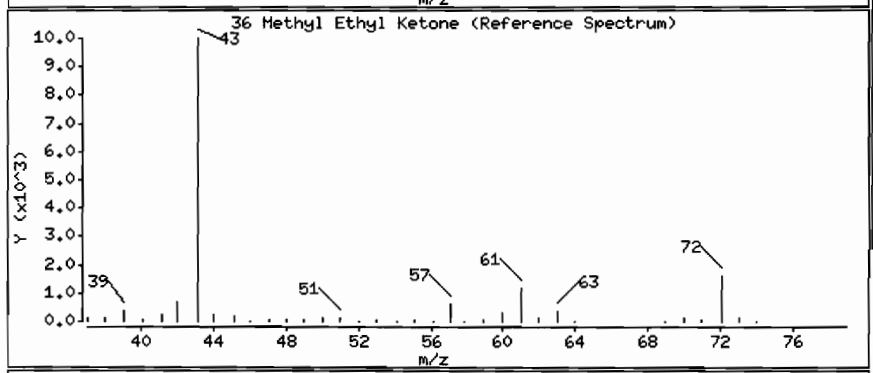
Concentration: 0.55 ppbv

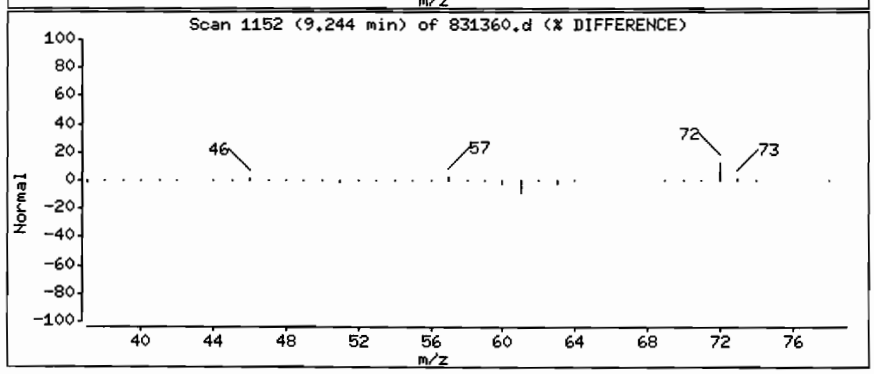












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

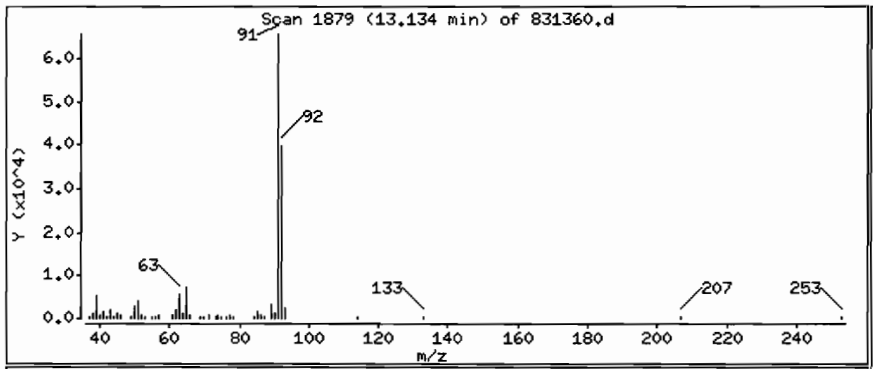
Operator: WRD

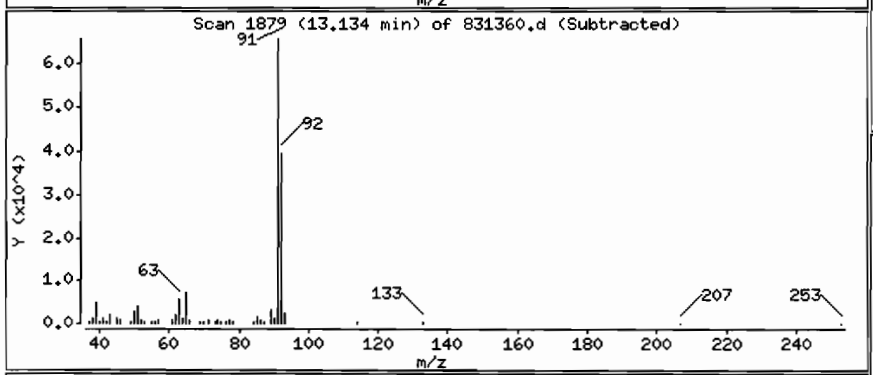
Column phase: RTX-624

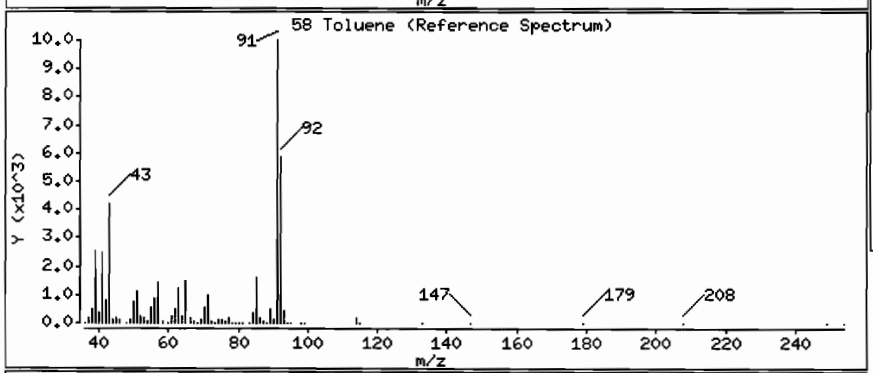
Column diameter: 0.32

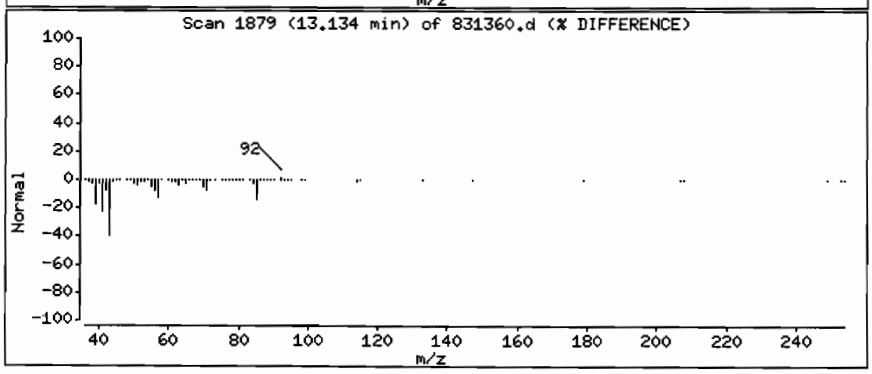
58 Toluene

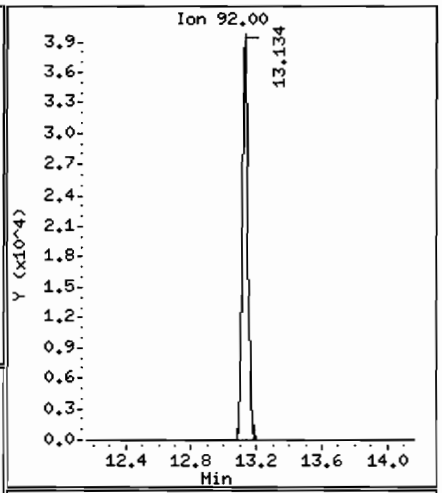
Concentration: 0.79 ppbv

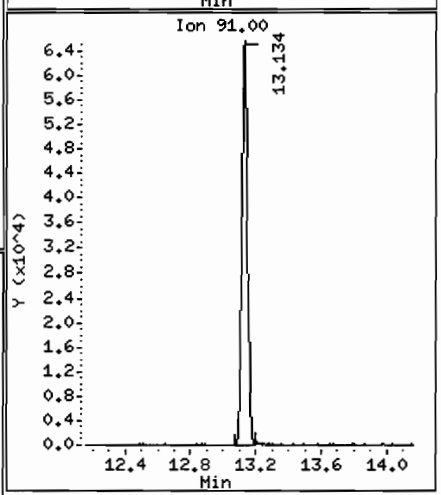












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

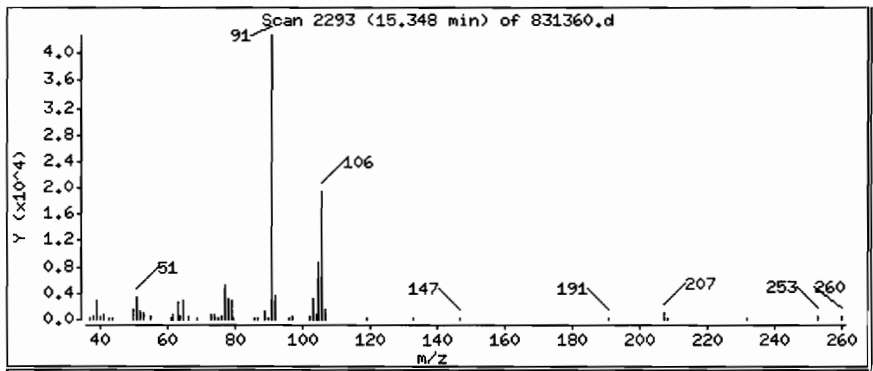
Operator: WRD

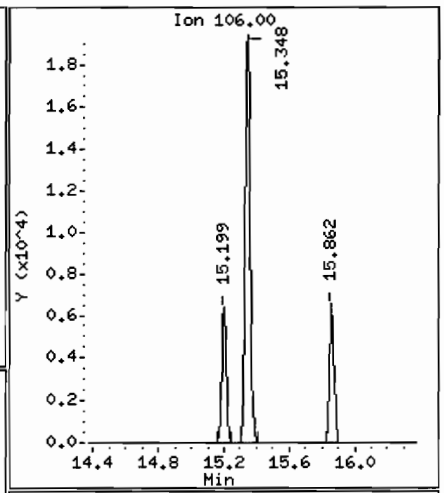
Column phase: RTX-624

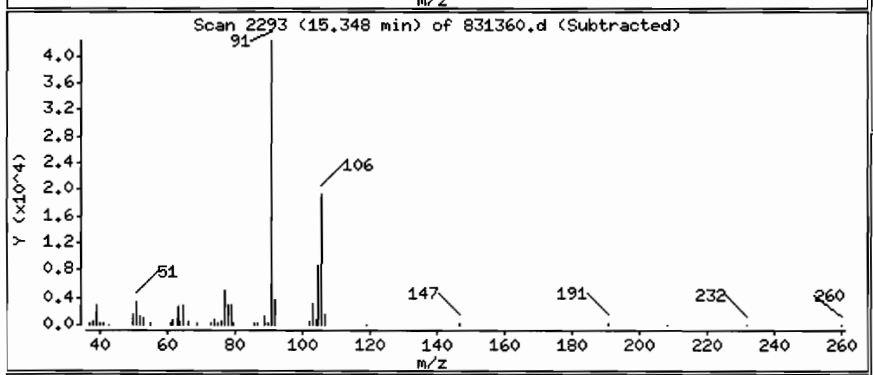
Column diameter: 0.32

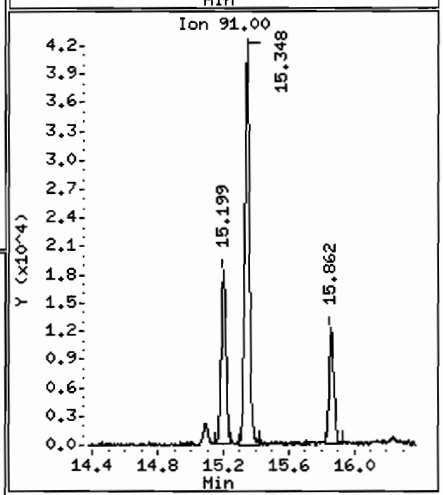
69 Xylene (m,p)

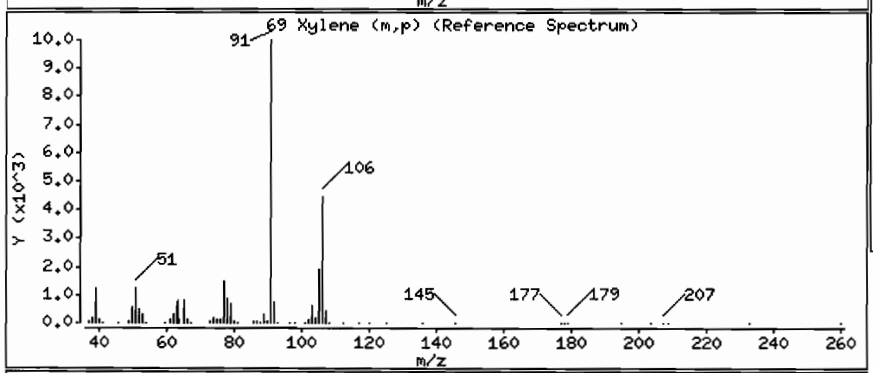
Concentration: 0.42 ppbv

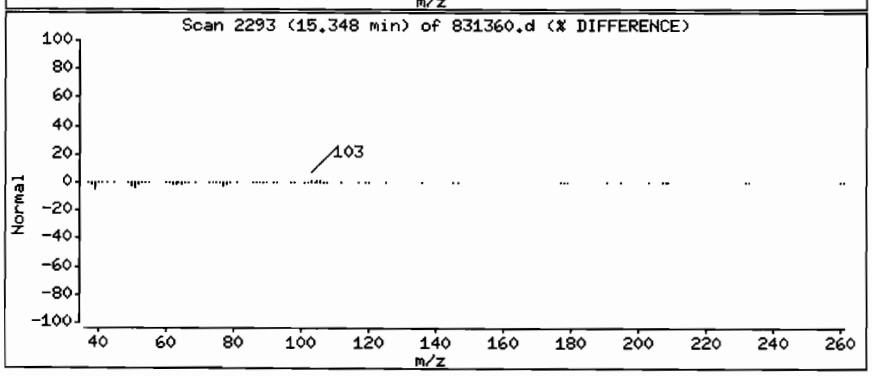












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

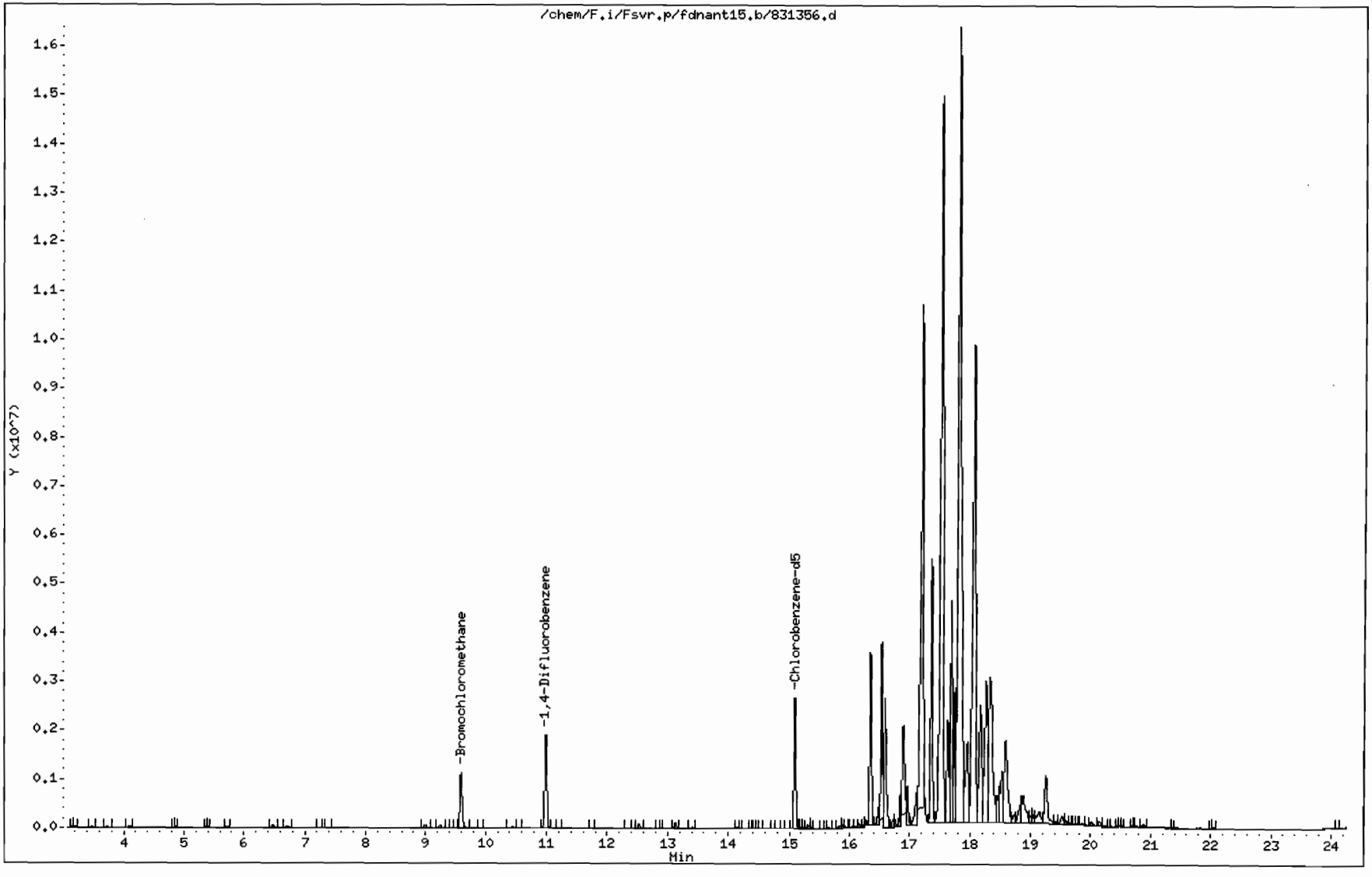
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	5.4	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	2.9	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d
Date : 03-JUN-2010 17:26
Client ID: CE-VAPOR-5
Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831356.d
Lab Smp Id: 831356 Client Smp ID: CE-VAPOR-5
Inj Date : 03-JUN-2010 17:26
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)
Misc Info : 831356;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.244	9.260	(0.964)	25891	1.12490	11	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	418819	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2061815	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	13.128	13.160	(0.870)	56298	0.54173	5.4	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	1916417	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	15.889	15.910	(1.053)	42152	0.29442	2.9	
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d

Date : 03-JUN-2010 17:26

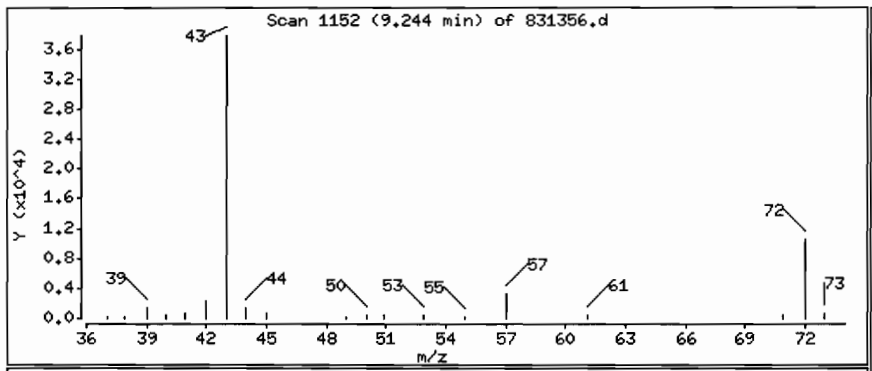
Client ID: CE-VAPOR-5 Instrument: F.i

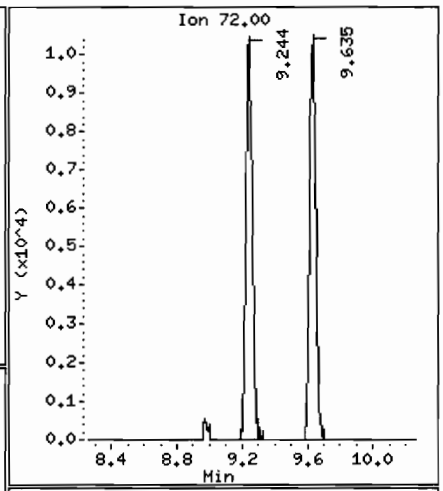
Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)

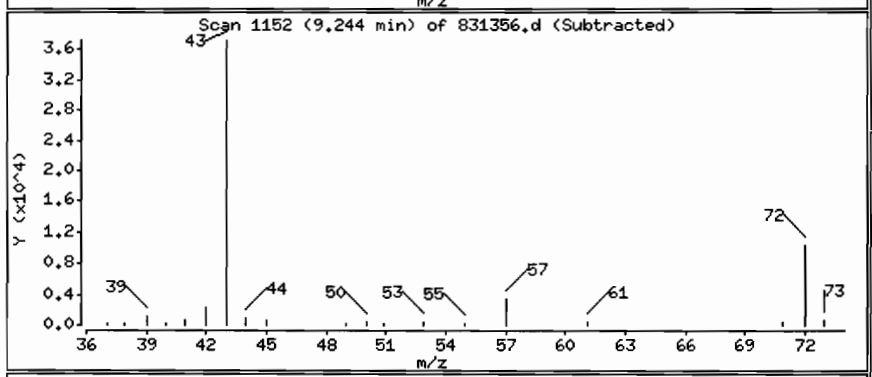
Purge Volume: 20.0 Operator: WRD

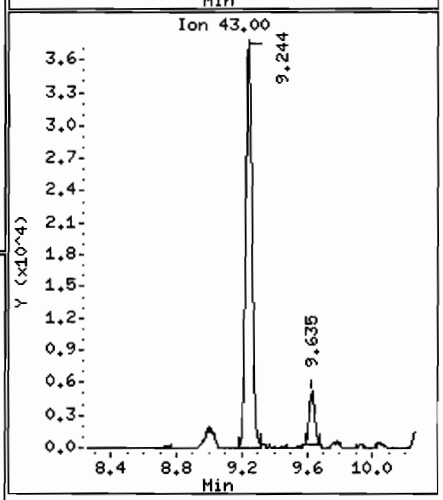
Column phase: RTX-624 Column diameter: 0.32

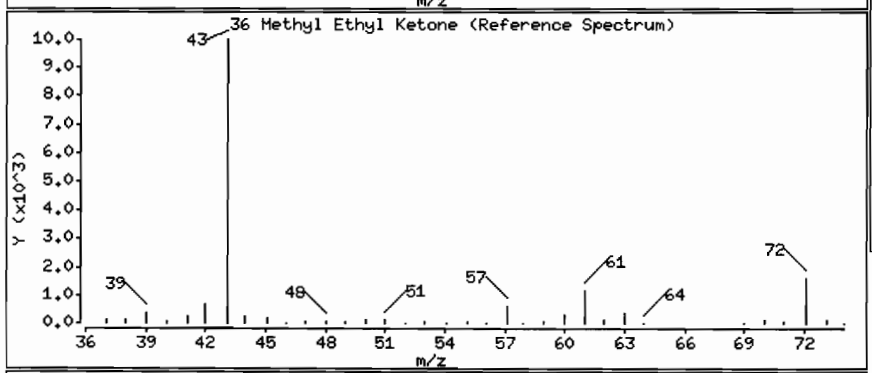
36 Methyl Ethyl Ketone Concentration: 11 ppbv

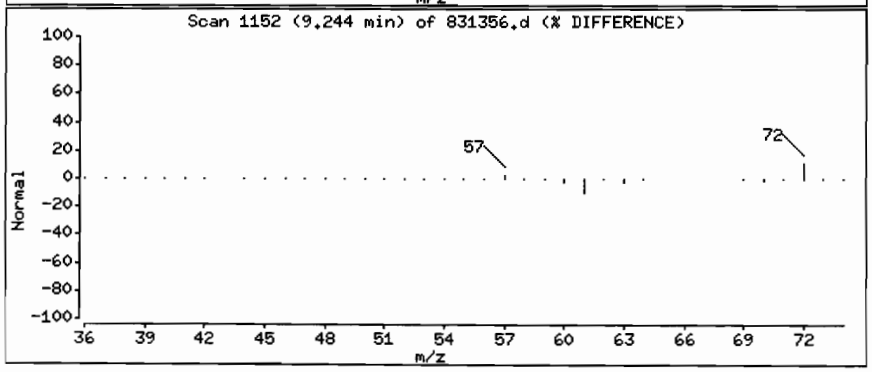












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d

Page 6

Date : 03-JUN-2010 17:26

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)

Purge Volume: 20.0

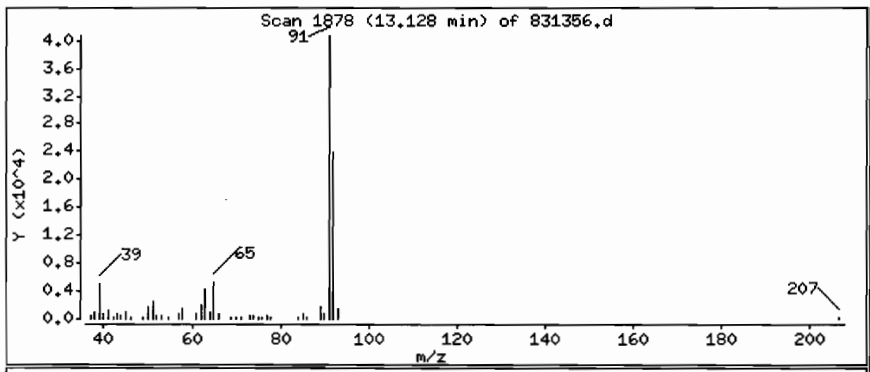
Operator: WRD

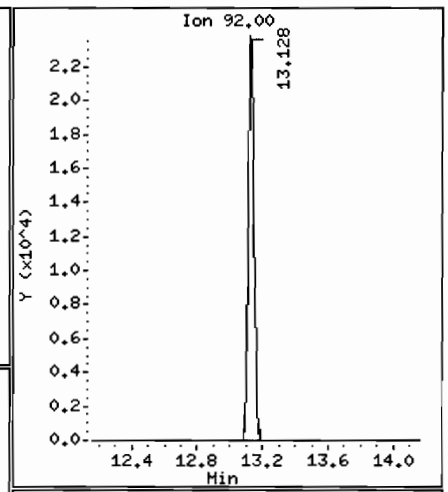
Column phase: RTX-624

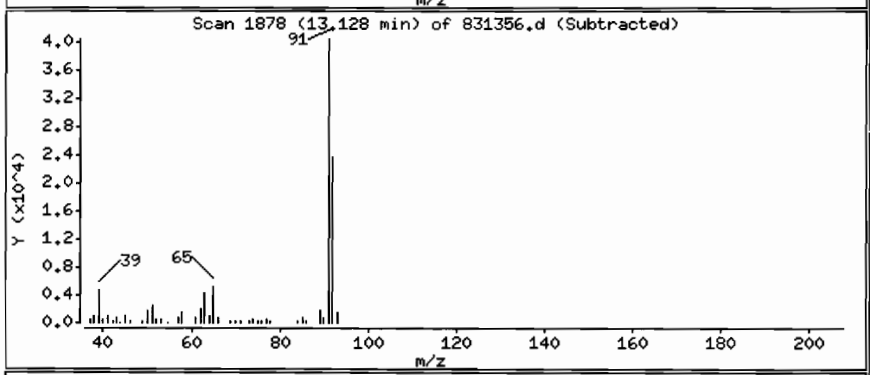
Column diameter: 0.32

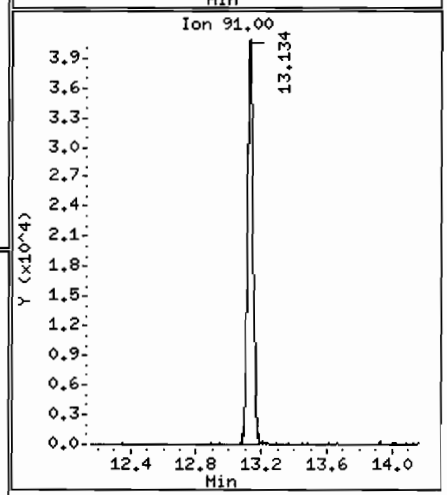
58 Toluene

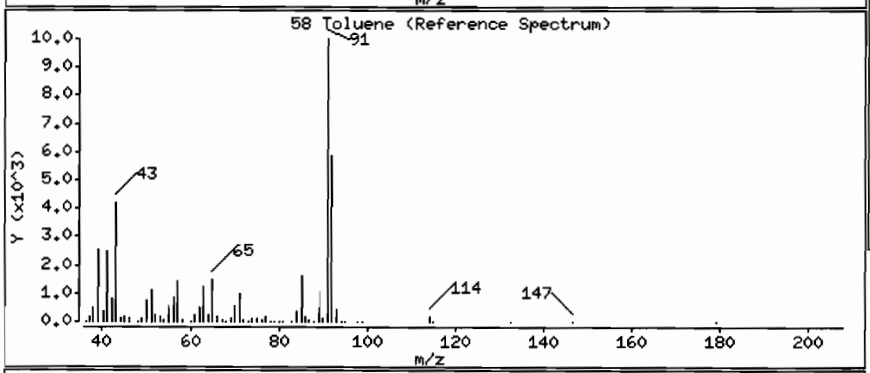
Concentration: 5.4 ppbv

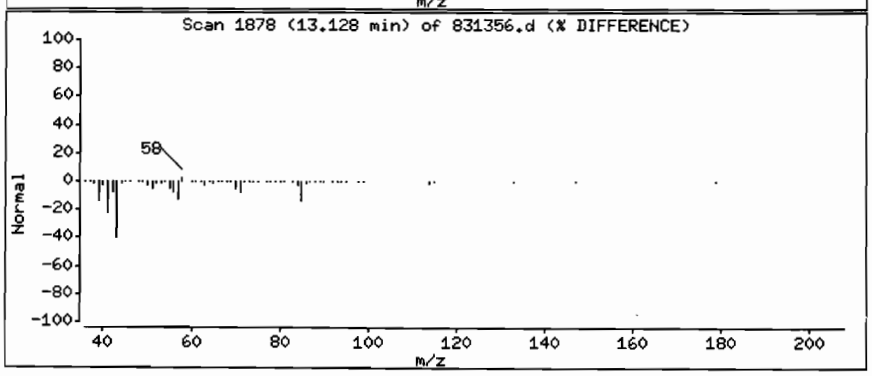












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d

Date : 03-JUN-2010 17:26

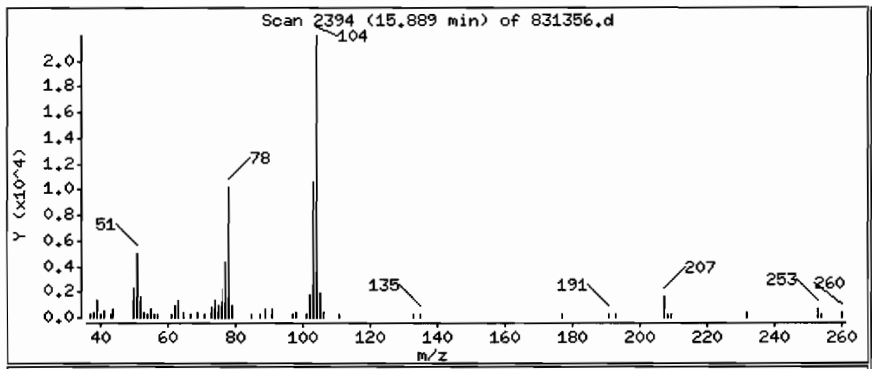
Client ID: CE-VAPOR-5 Instrument: F.i

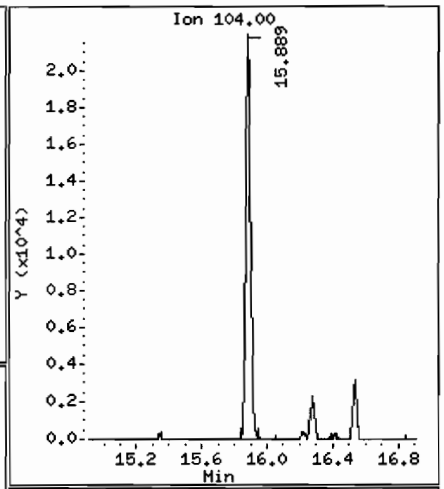
Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)

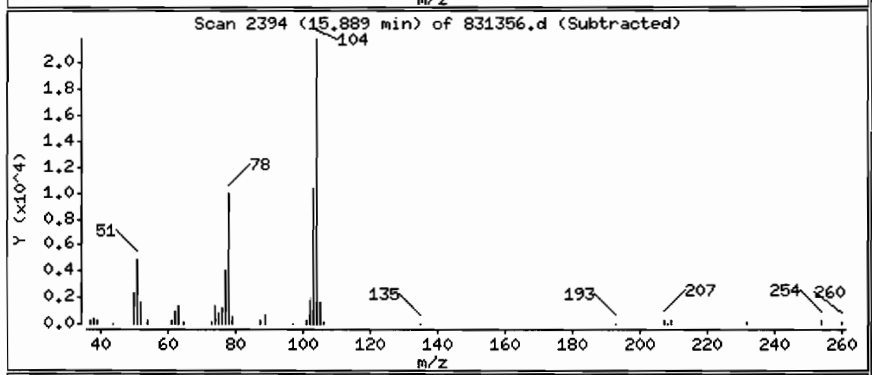
Purge Volume: 20.0 Operator: WRD

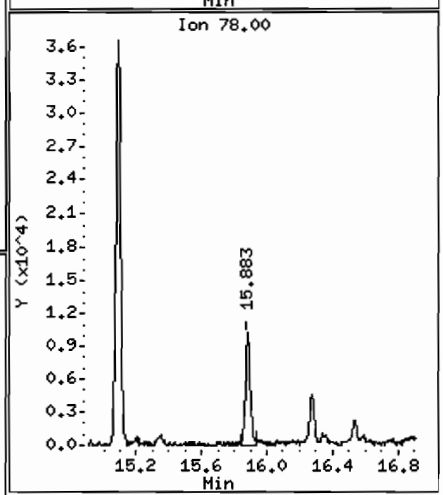
Column phase: RTX-624 Column diameter: 0.32

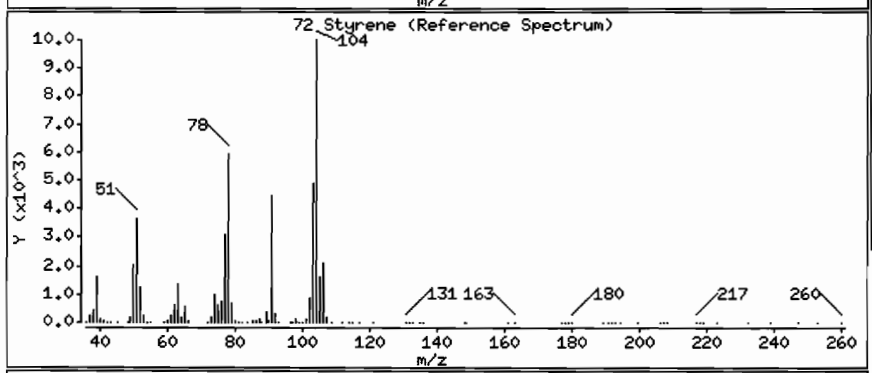
72 Styrene Concentration: 2.9 ppbv

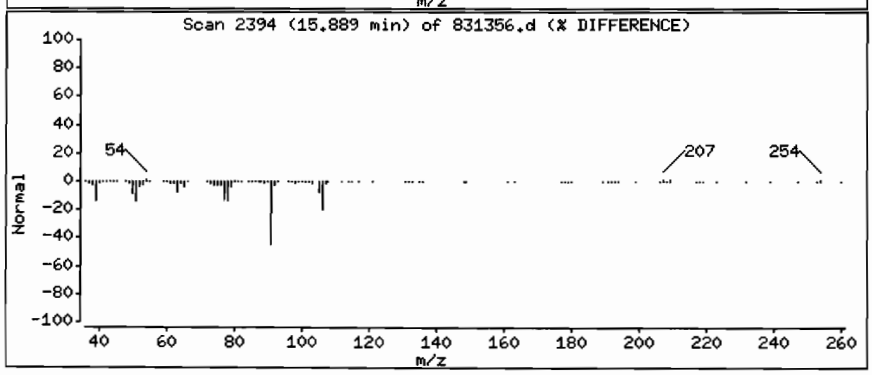












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	23	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.5	
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	8.2	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	3.0	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Page 4

Date : 03-JUN-2010 18:17

Client ID: CE-VAPOR-6

Instrument: F.i

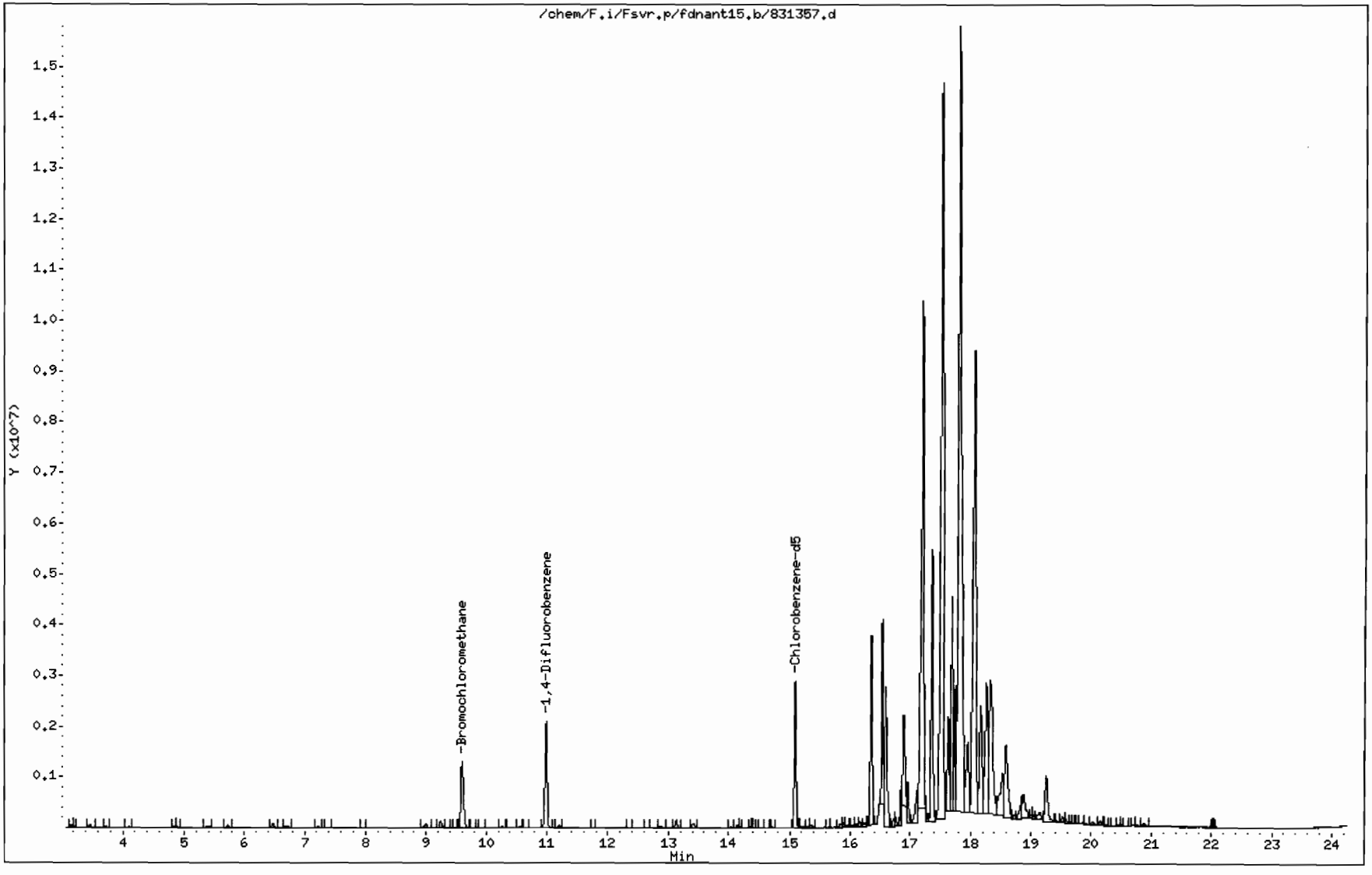
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

Purge Volume: 20.0

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831357.d
Lab Smp Id: 831357 Client Smp ID: CE-VAPOR-6
Inj Date : 03-JUN-2010 18:17
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)
Misc Info : 831357;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.963)	60788	2.30076	23	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	480770	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	9.619	9.640	(0.875)	289541	5.03136	50	
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	10.550	10.571	(0.960)	19011	0.24918	2.5	
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2336994	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	13.134	13.160	(0.870)	96008	0.81588	8.2	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2169992	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	15.889	15.910	(1.053)	48583	0.29968	3.0	
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

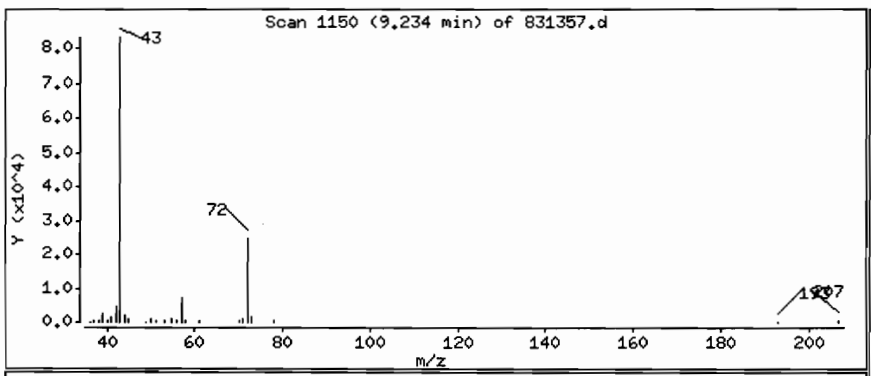
Client ID: CE-VAPOR-6 Instrument: F.i

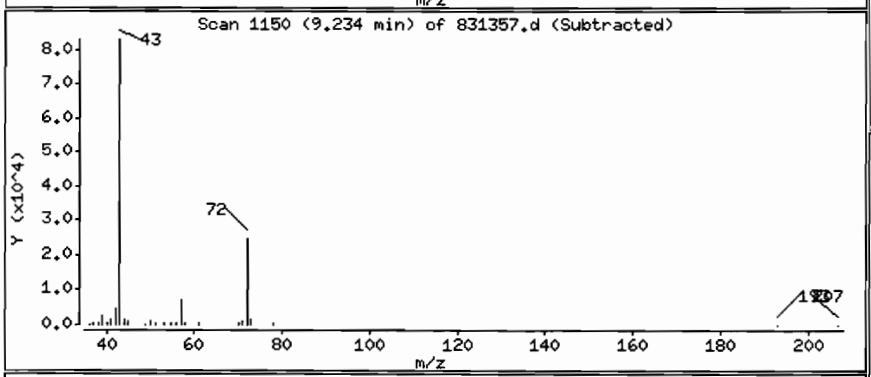
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

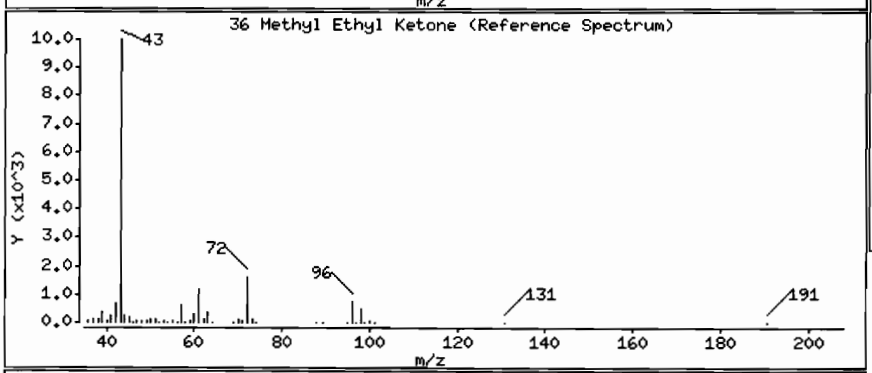
Purge Volume: 20.0 Operator: WRD

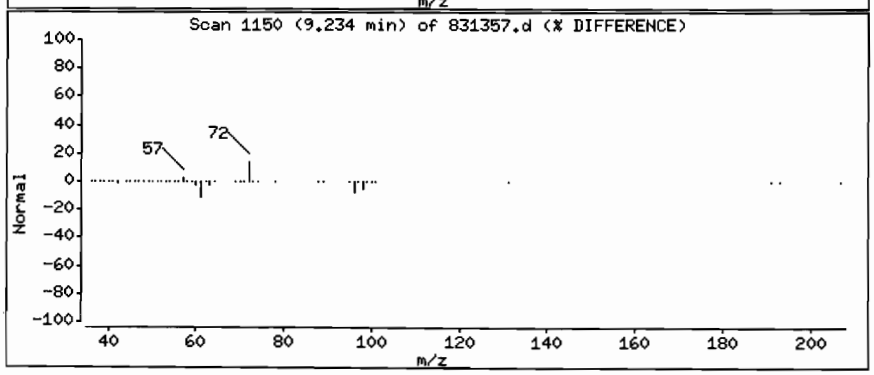
Column phase: RTX-624 Column diameter: 0.32

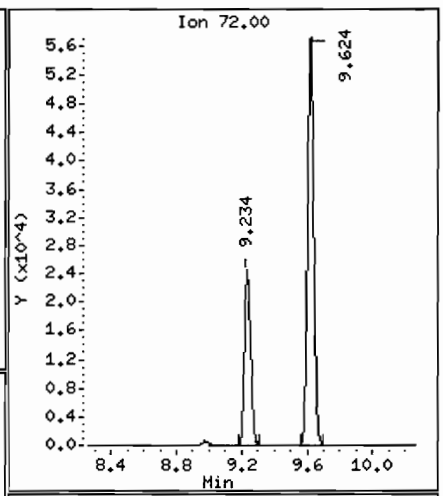
36 Methyl Ethyl Ketone Concentration: 23 ppbv

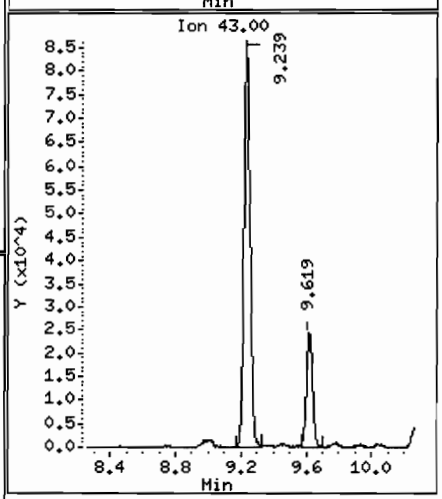












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

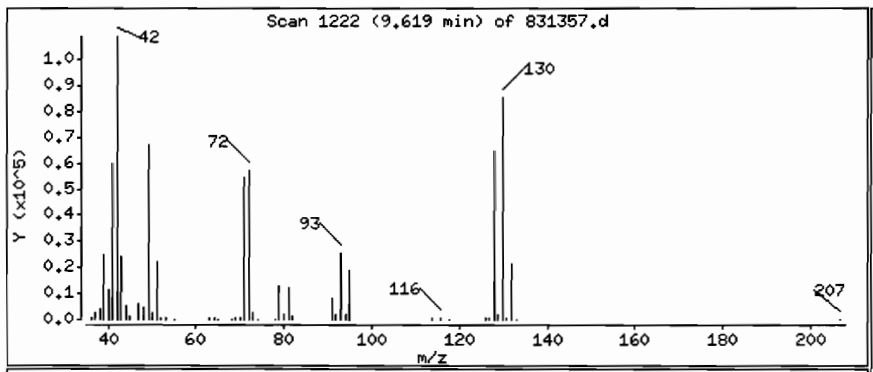
Client ID: CE-VAPOR-6 Instrument: F.i

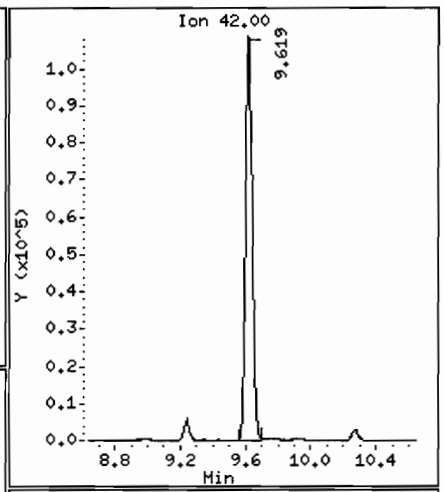
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

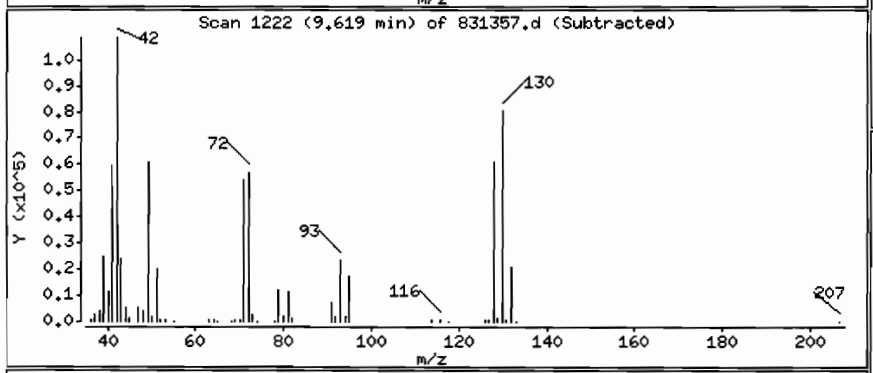
Purge Volume: 20.0 Operator: WRD

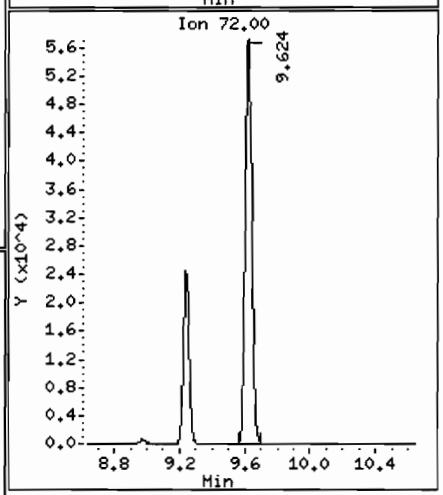
Column phase: RTX-624 Column diameter: 0.32

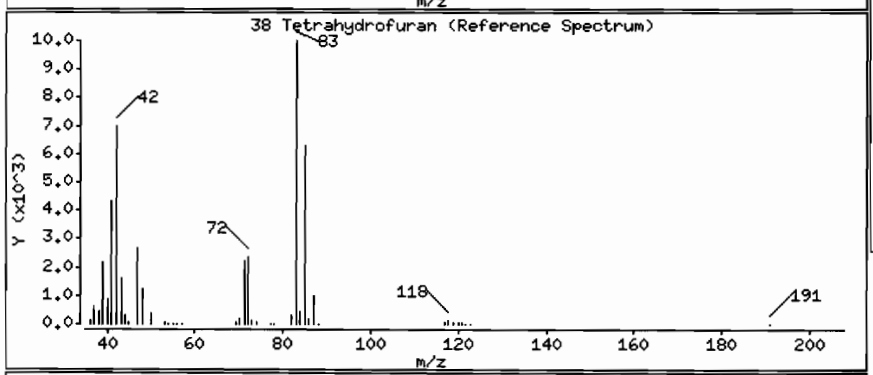
38 Tetrahydrofuran Concentration: 50 ppbv

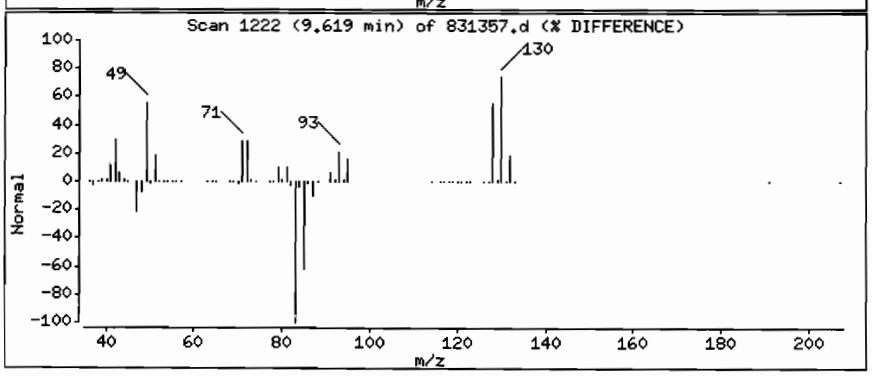












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

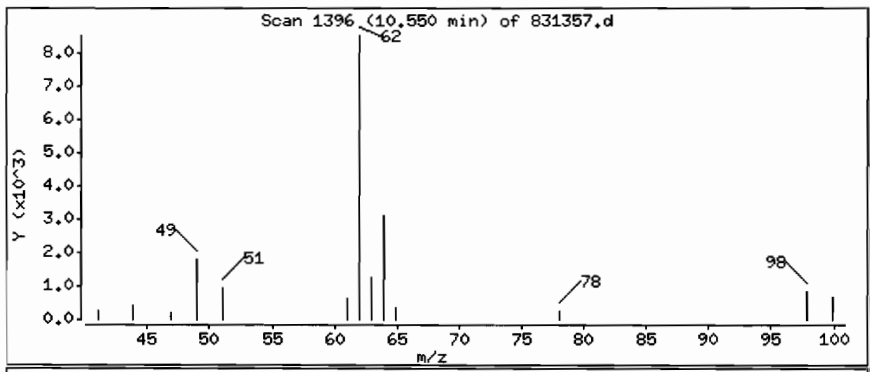
Client ID: CE-VAPOR-6 Instrument: F.i

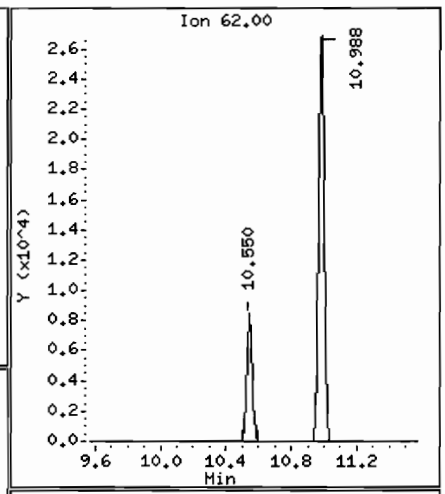
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

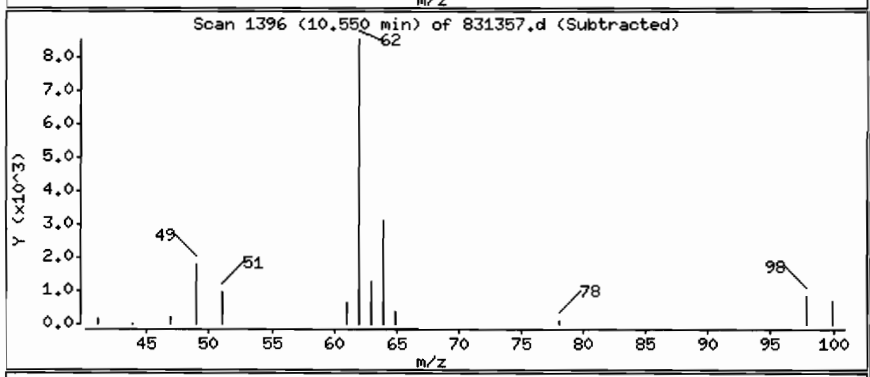
Purge Volume: 20.0 Operator: WRD

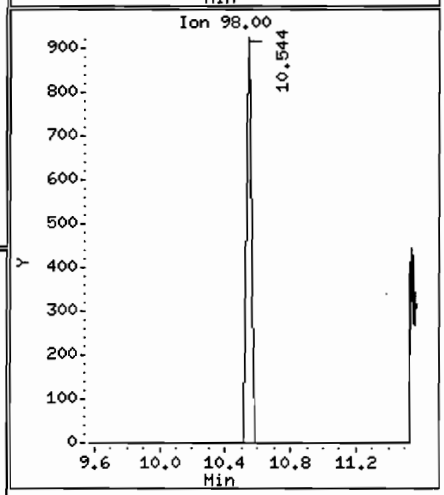
Column phase: RTX-624 Column diameter: 0.32

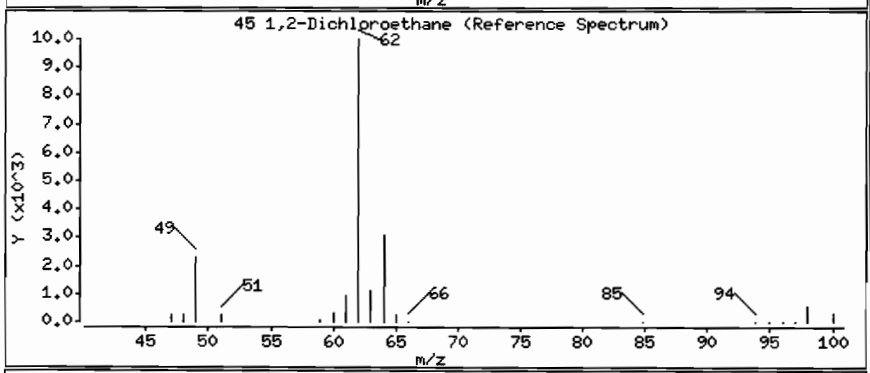
45 1,2-Dichloroethane Concentration: 2.5 ppbv

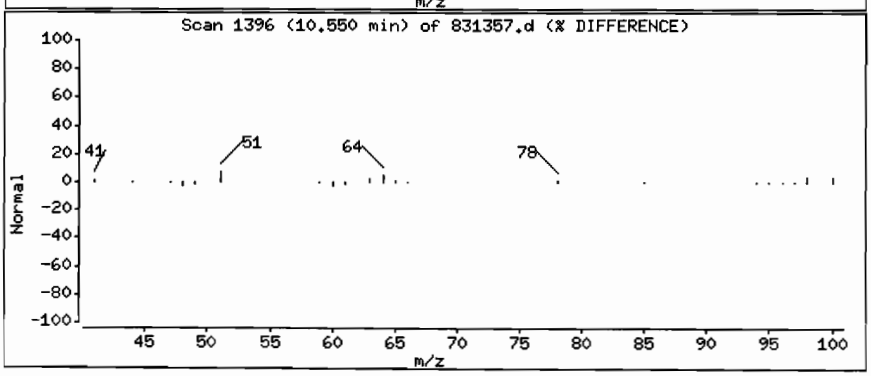












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

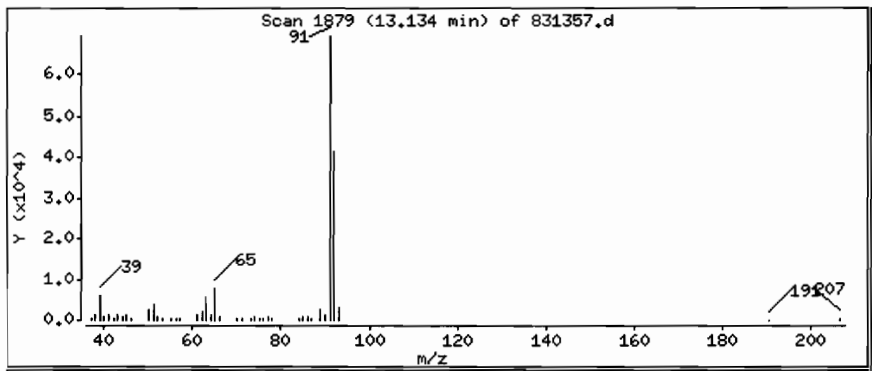
Client ID: CE-VAPOR-6 Instrument: F.i

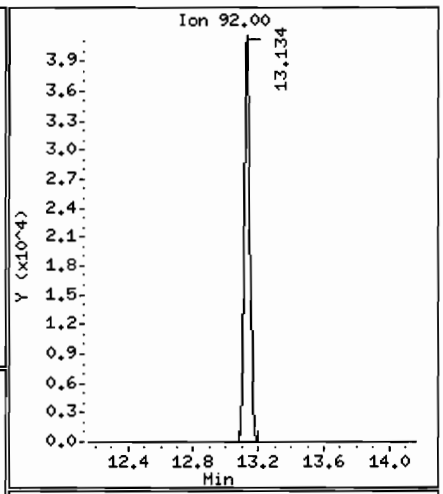
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

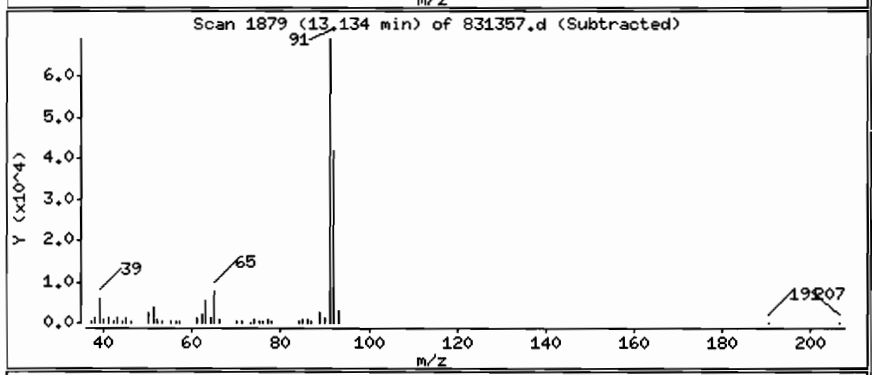
Purge Volume: 20.0 Operator: WRD

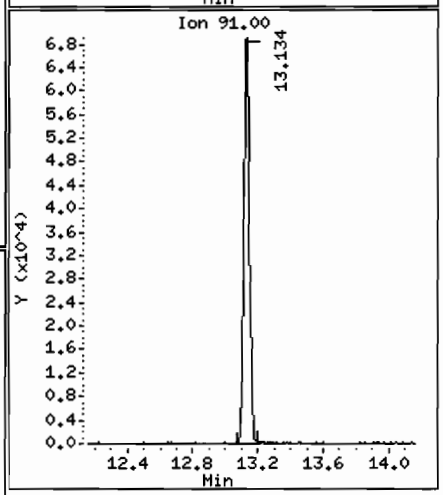
Column phase: RTX-624 Column diameter: 0.32

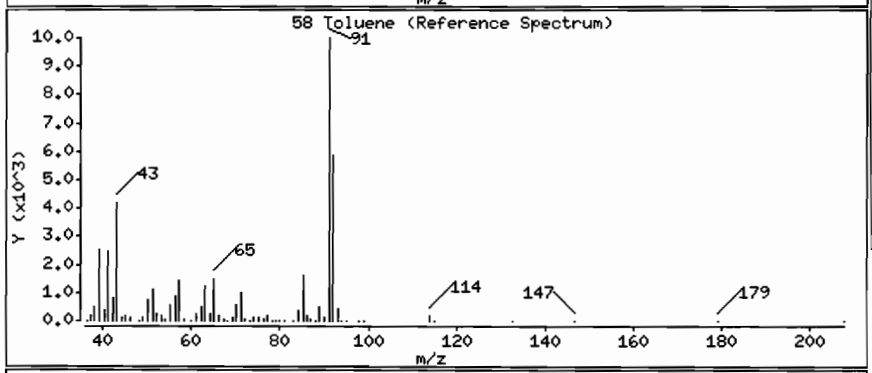
58 Toluene Concentration: 8.2 ppbv

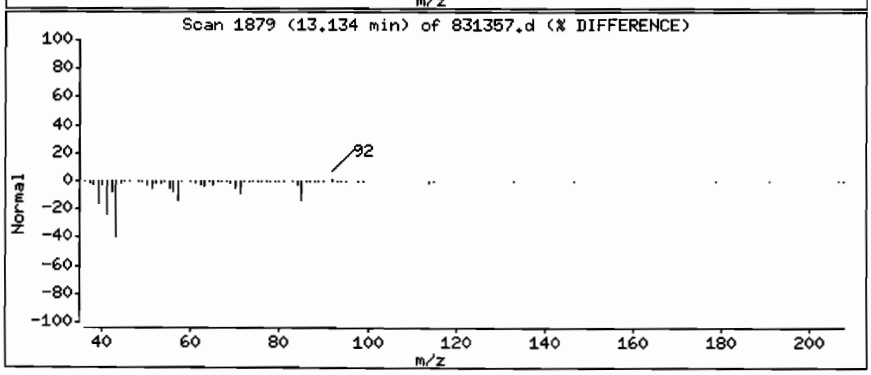












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

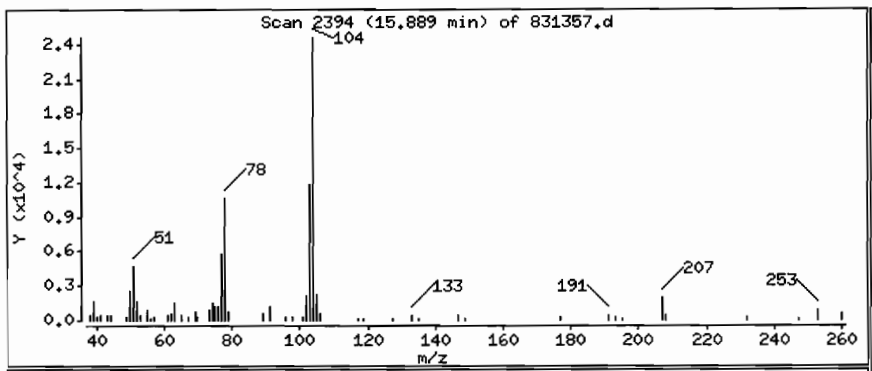
Client ID: CE-VAPOR-6 Instrument: F.i

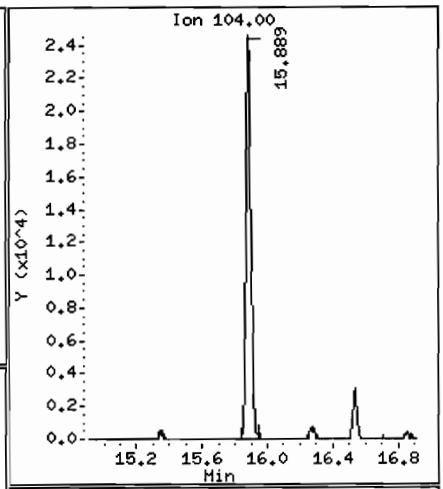
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

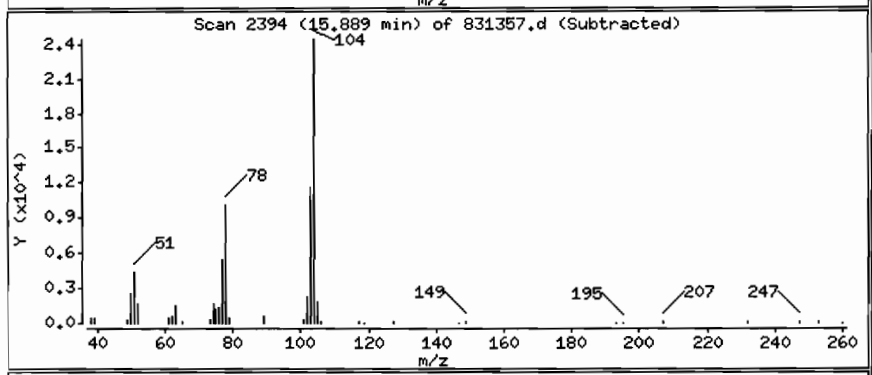
Purge Volume: 20.0 Operator: WRD

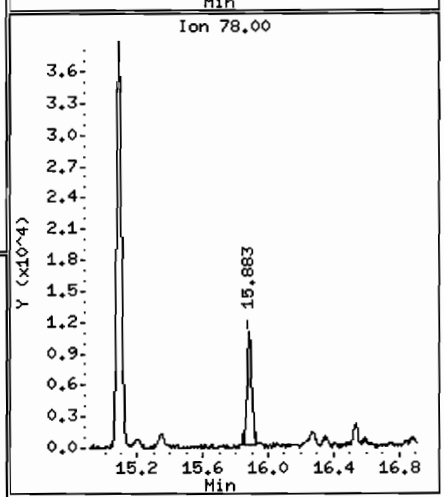
Column phase: RTX-624 Column diameter: 0.32

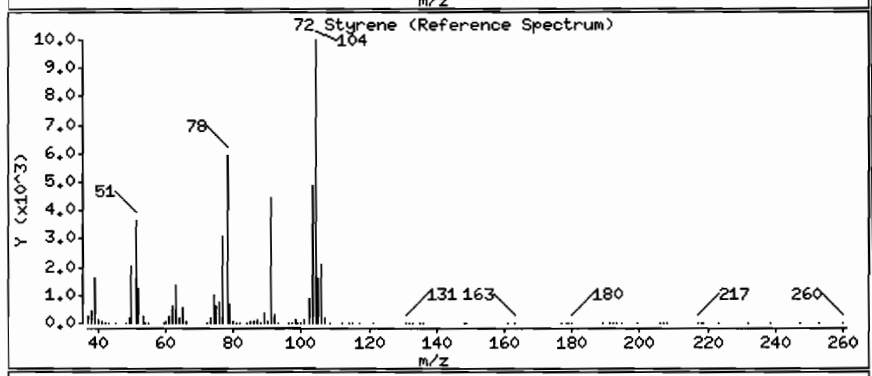
72 Styrene Concentration: 3.0 ppbv

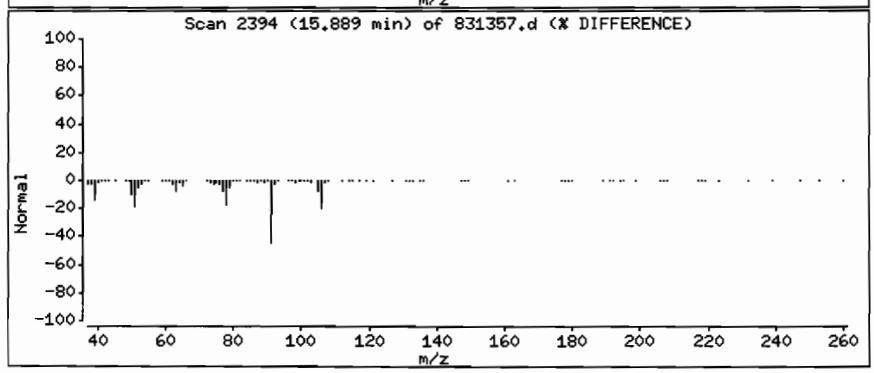












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	130	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	180	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

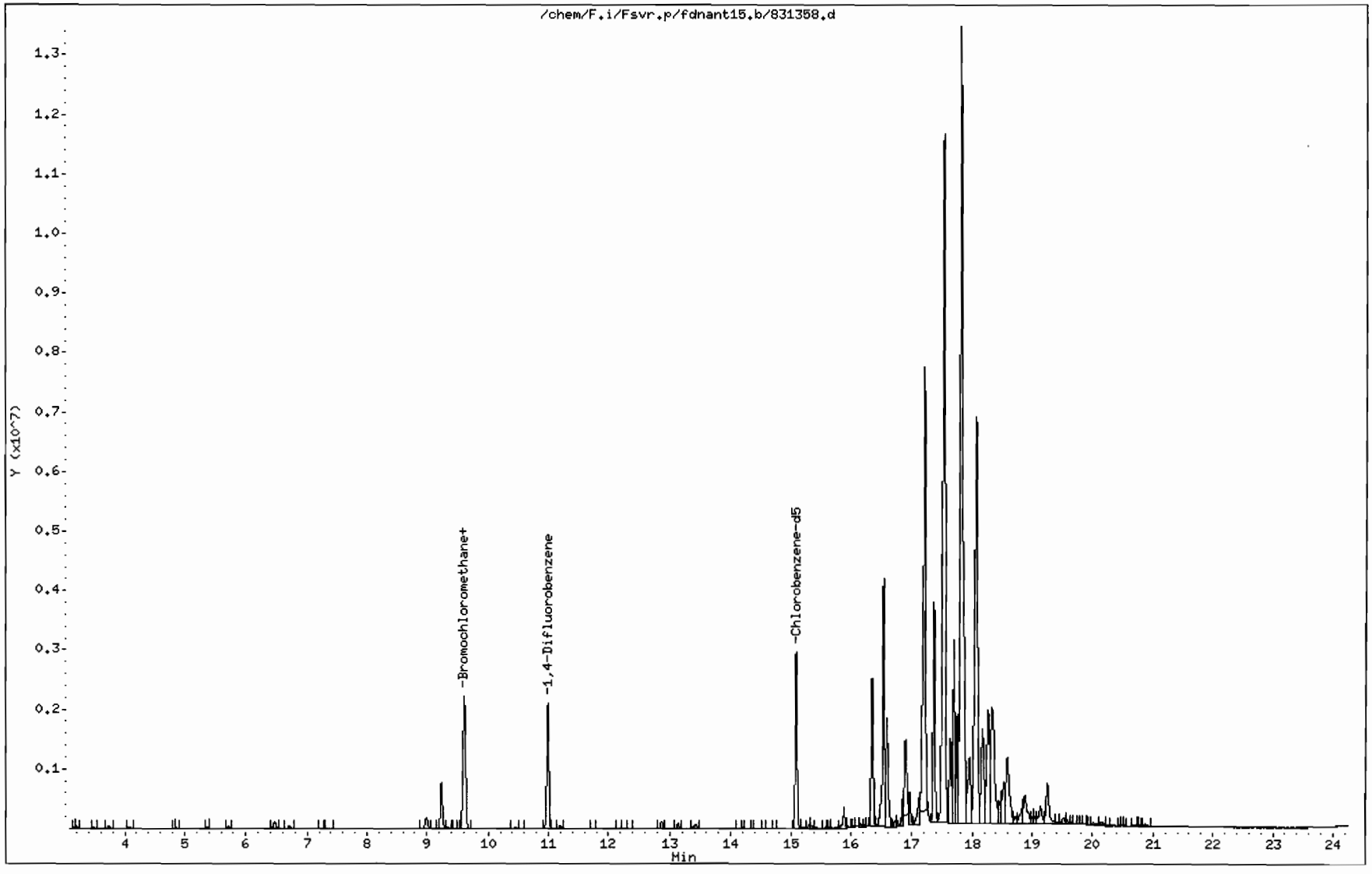
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	3.7	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	12	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d
Date : 03-JUN-2010 19:09
Client ID: CE-VAPOR-7
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831358.d
Lab Smp Id: 831358 Client Smp ID: CE-VAPOR-7
Inj Date : 03-JUN-2010 19:09
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)
Misc Info : 831358;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 11
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.233	9.260	(0.962)	359464	13.3366	130	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.597	9.619	(1.000)	490456	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	9.613	9.640	(0.875)	1055151	18.0268	180	
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2377003	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	12.871	12.887	(1.171)	103457	0.83789	8.4	
	58 Toluene	92	13.133	13.160	(0.870)	44921	0.37317	3.7	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.091	15.113	(1.000)	2219810	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	15.888	15.910	(1.053)	202093	1.21862	12	
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

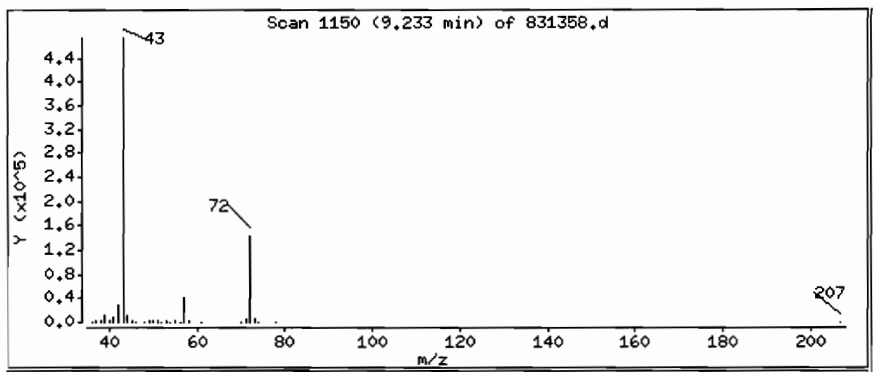
Client ID: CE-VAPOR-7 Instrument: F.i

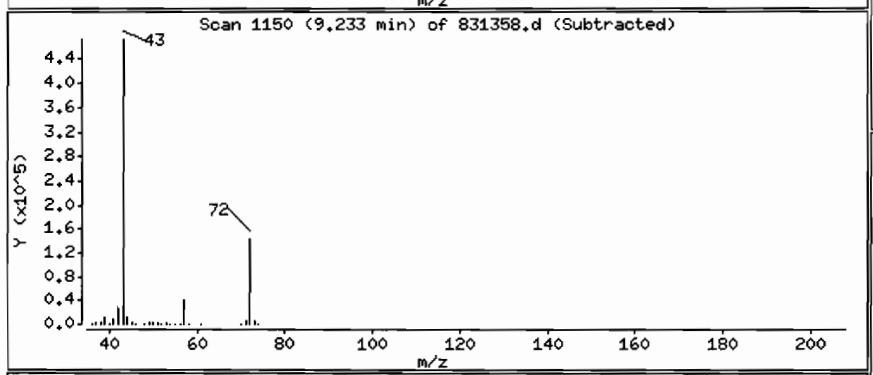
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

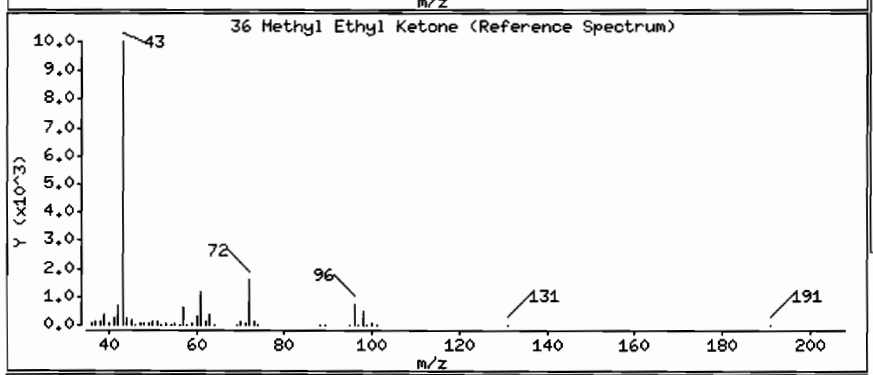
Purge Volume: 20.0 Operator: WRD

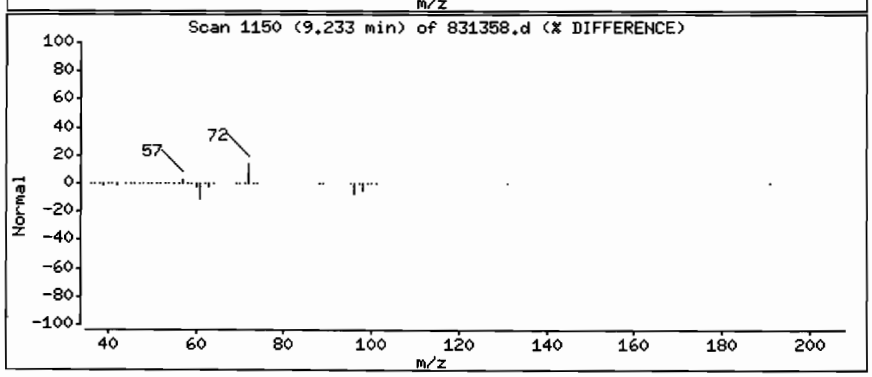
Column phase: RTX-624 Column diameter: 0.32

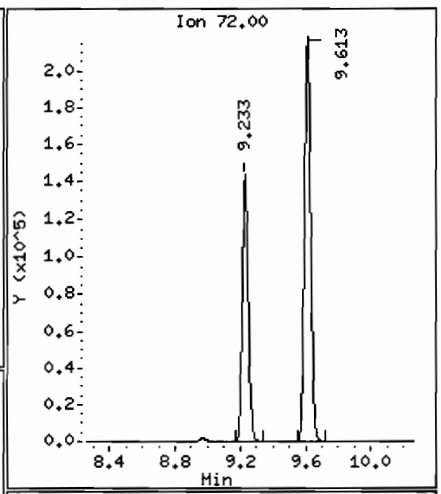
36 Methyl Ethyl Ketone Concentration: 130 ppbv

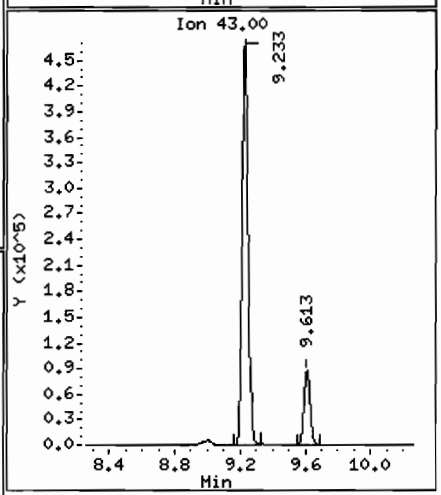












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

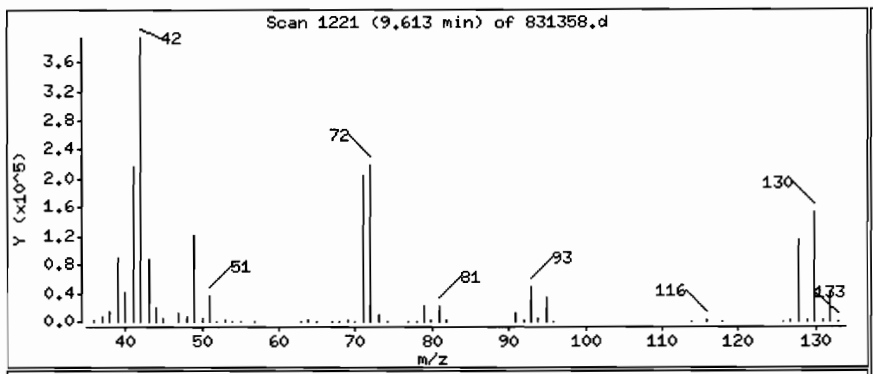
Client ID: CE-VAPOR-7 Instrument: F.i

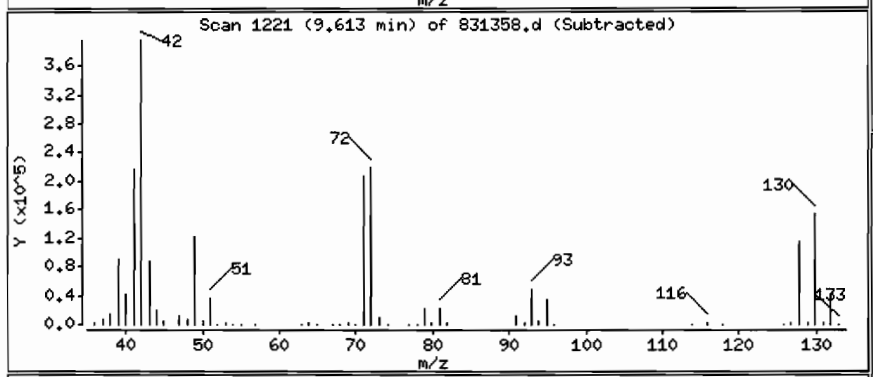
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

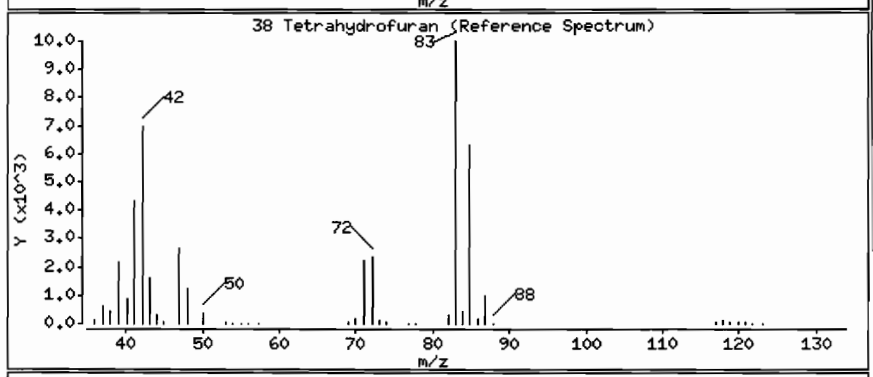
Purge Volume: 20.0 Operator: WRD

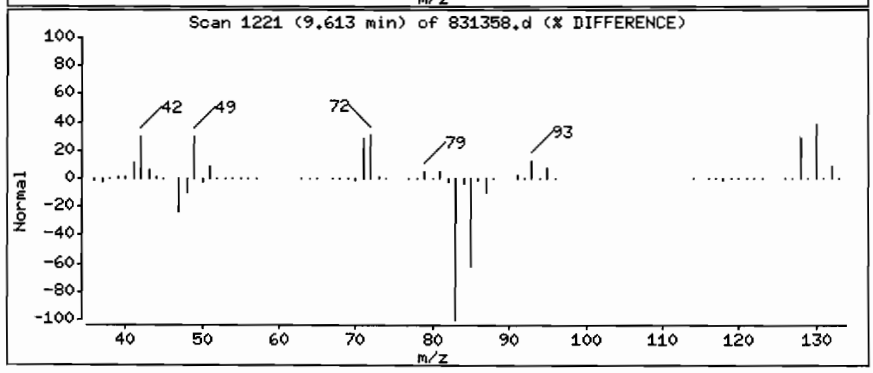
Column phase: RTX-624 Column diameter: 0.32

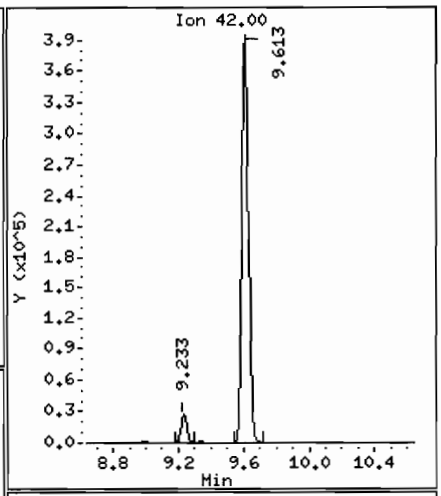
38 Tetrahydrofuran Concentration: 180 ppbv

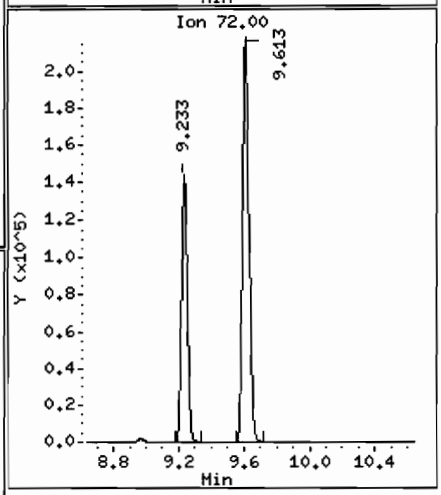












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

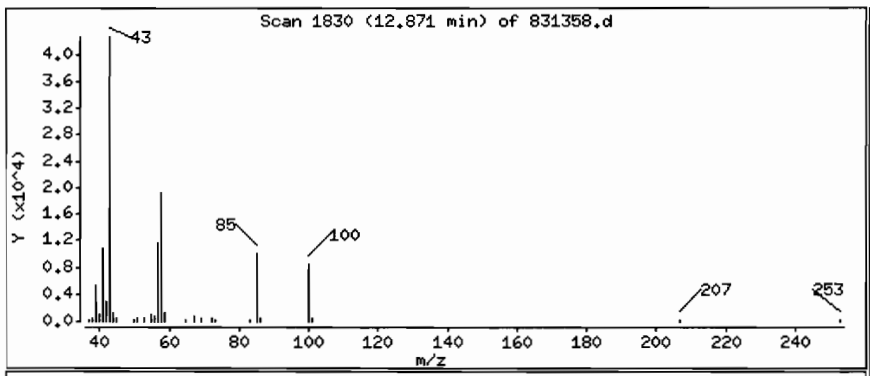
Client ID: CE-VAPOR-7 Instrument: F.i

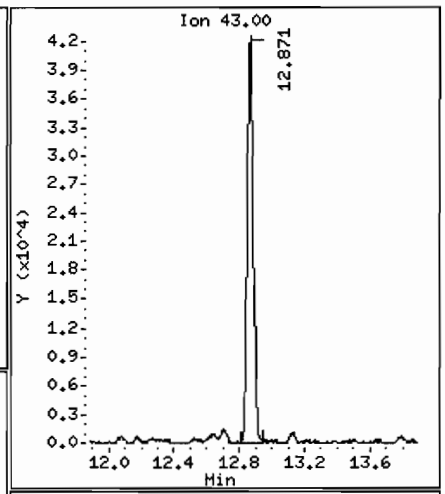
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

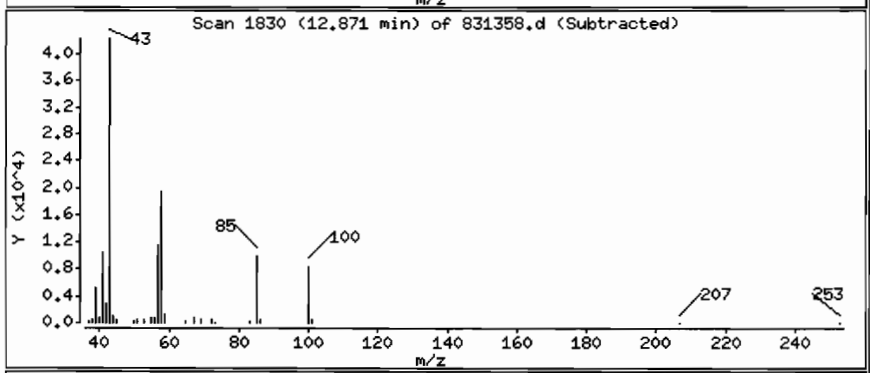
Purge Volume: 20.0 Operator: WRD

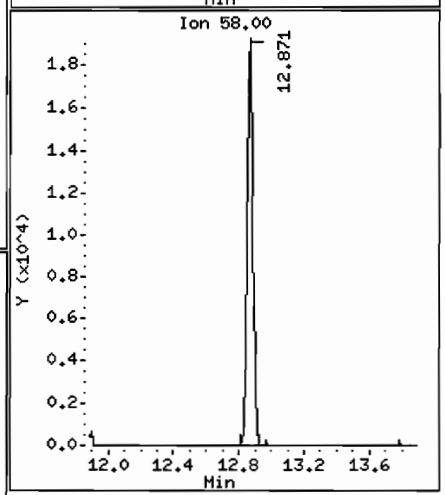
Column phase: RTX-624 Column diameter: 0.32

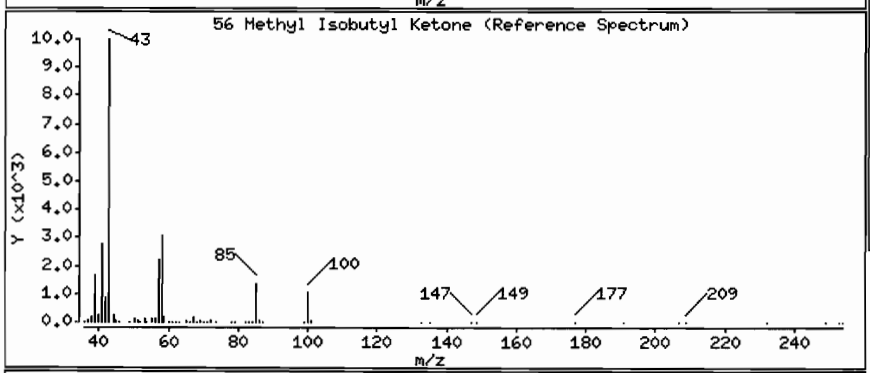
56 Methyl Isobutyl Ketone Concentration: 8.4 ppbv

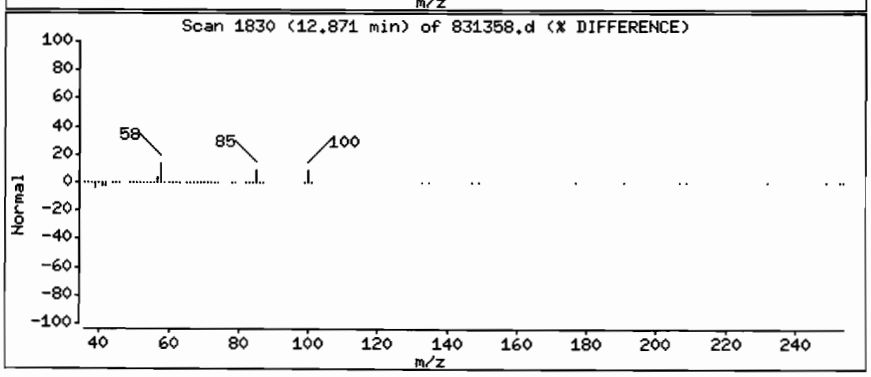












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

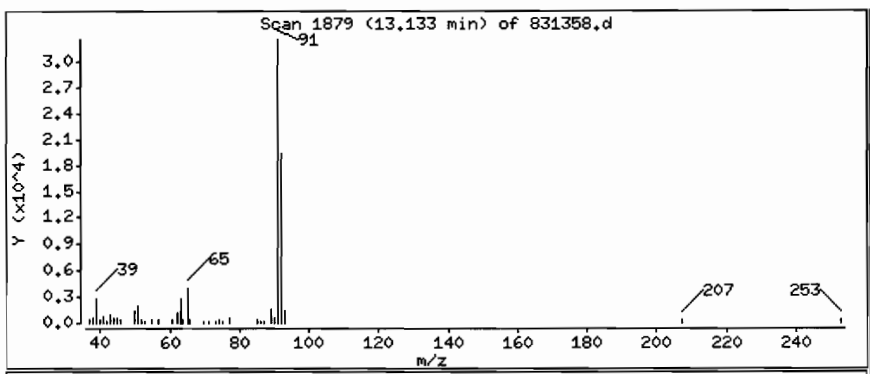
Client ID: CE-VAPOR-7 Instrument: F.i

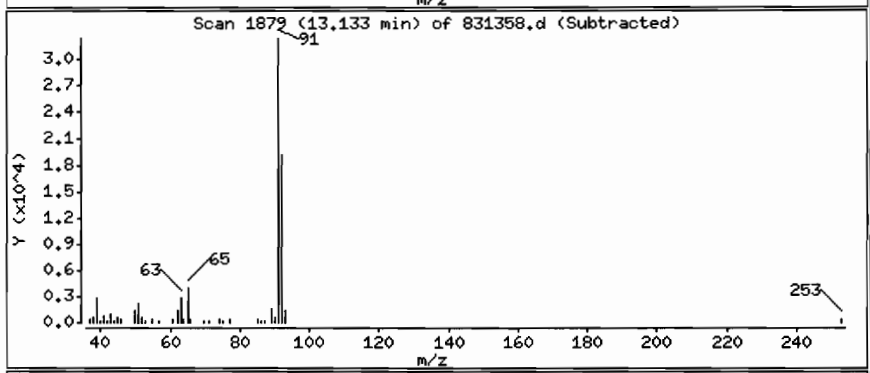
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

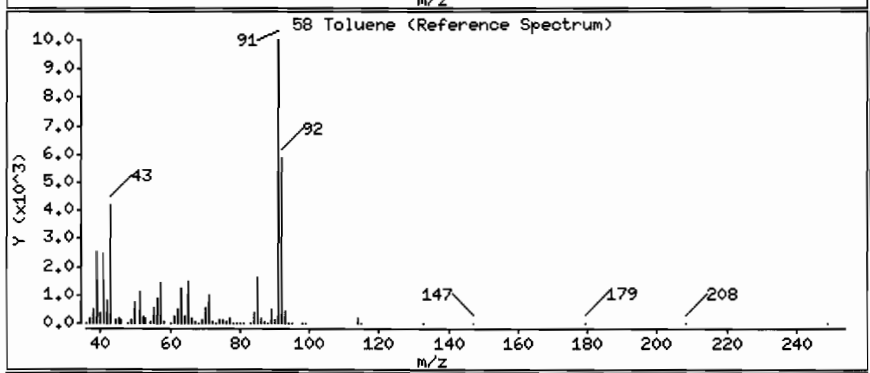
Purge Volume: 20.0 Operator: WRD

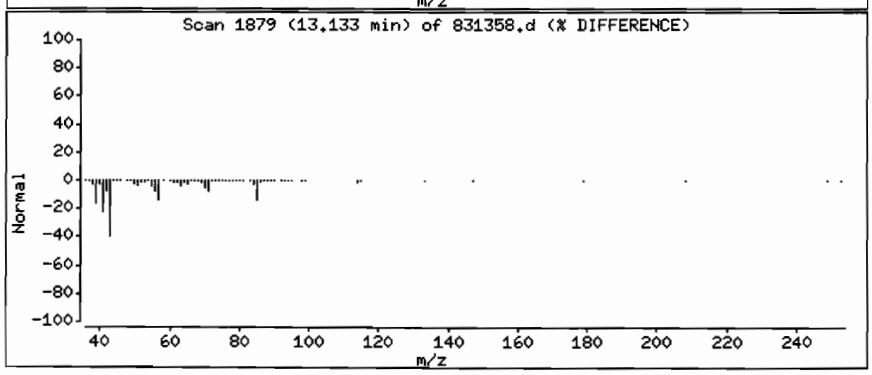
Column phase: RTX-624 Column diameter: 0.32

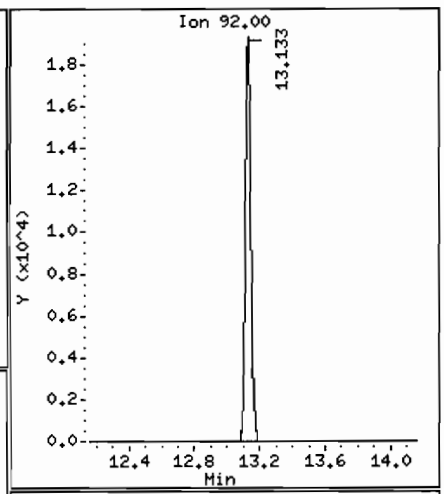
58 Toluene Concentration: 3.7 ppbv

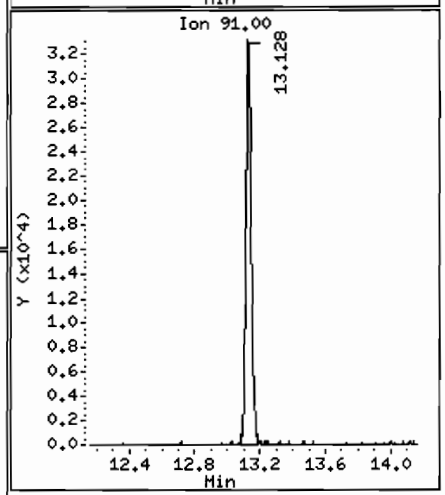












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

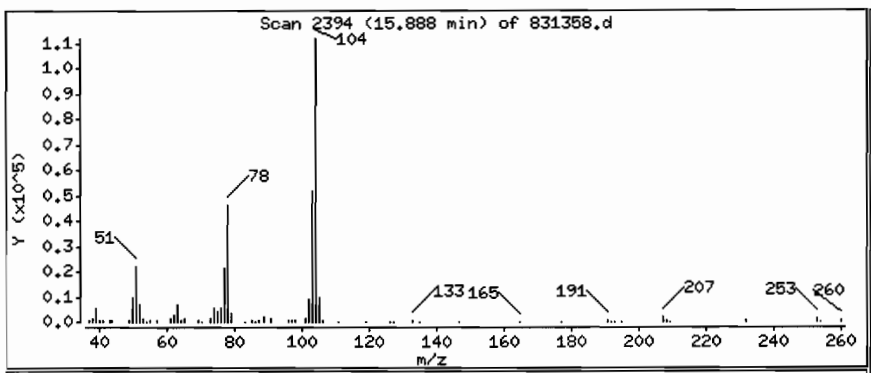
Client ID: CE-VAPOR-7 Instrument: F.i

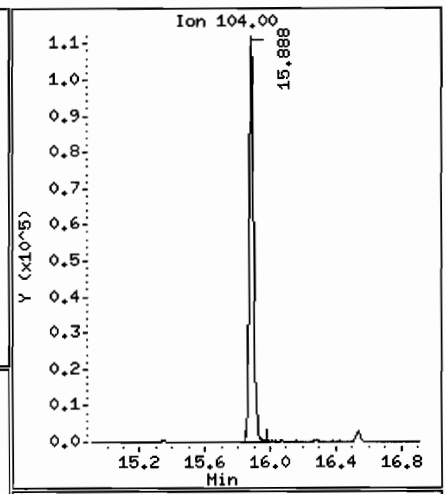
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

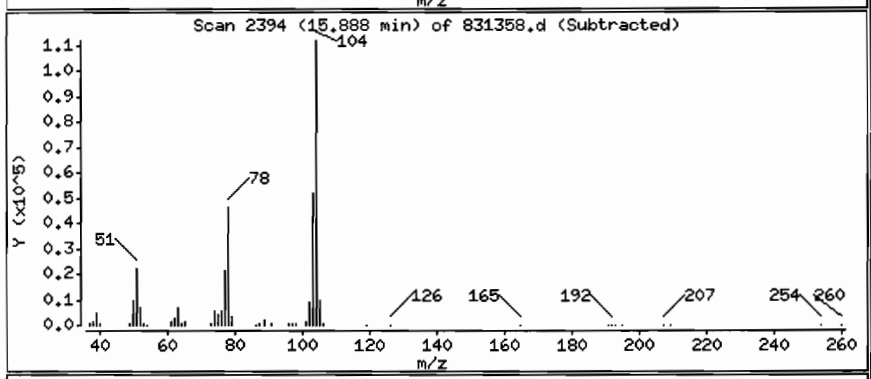
Purge Volume: 20.0 Operator: WRD

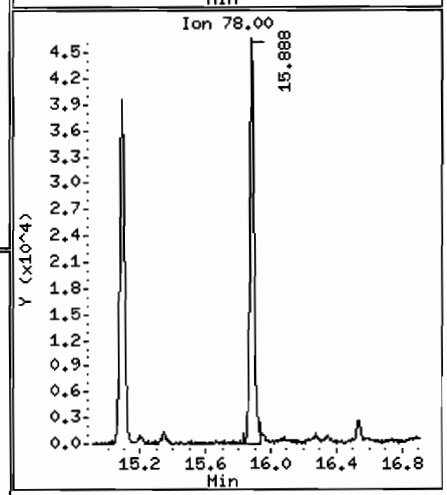
Column phase: RTX-624 Column diameter: 0.32

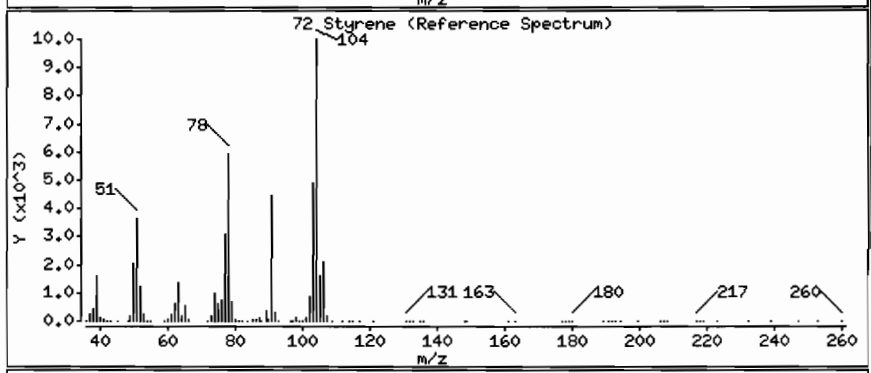
72 Styrene Concentration: 12 ppbv

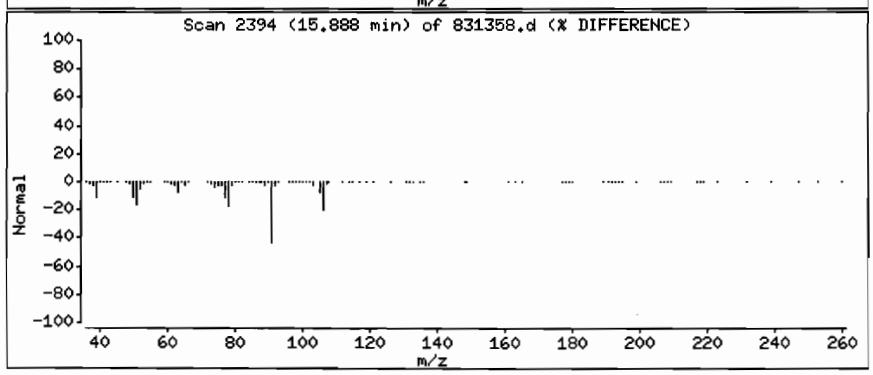












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	41	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	77	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.1	
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	7.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	6.3	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Page 4

Date : 03-JUN-2010 20:00

Client ID: CE-VAPOR-8

Instrument: F.i

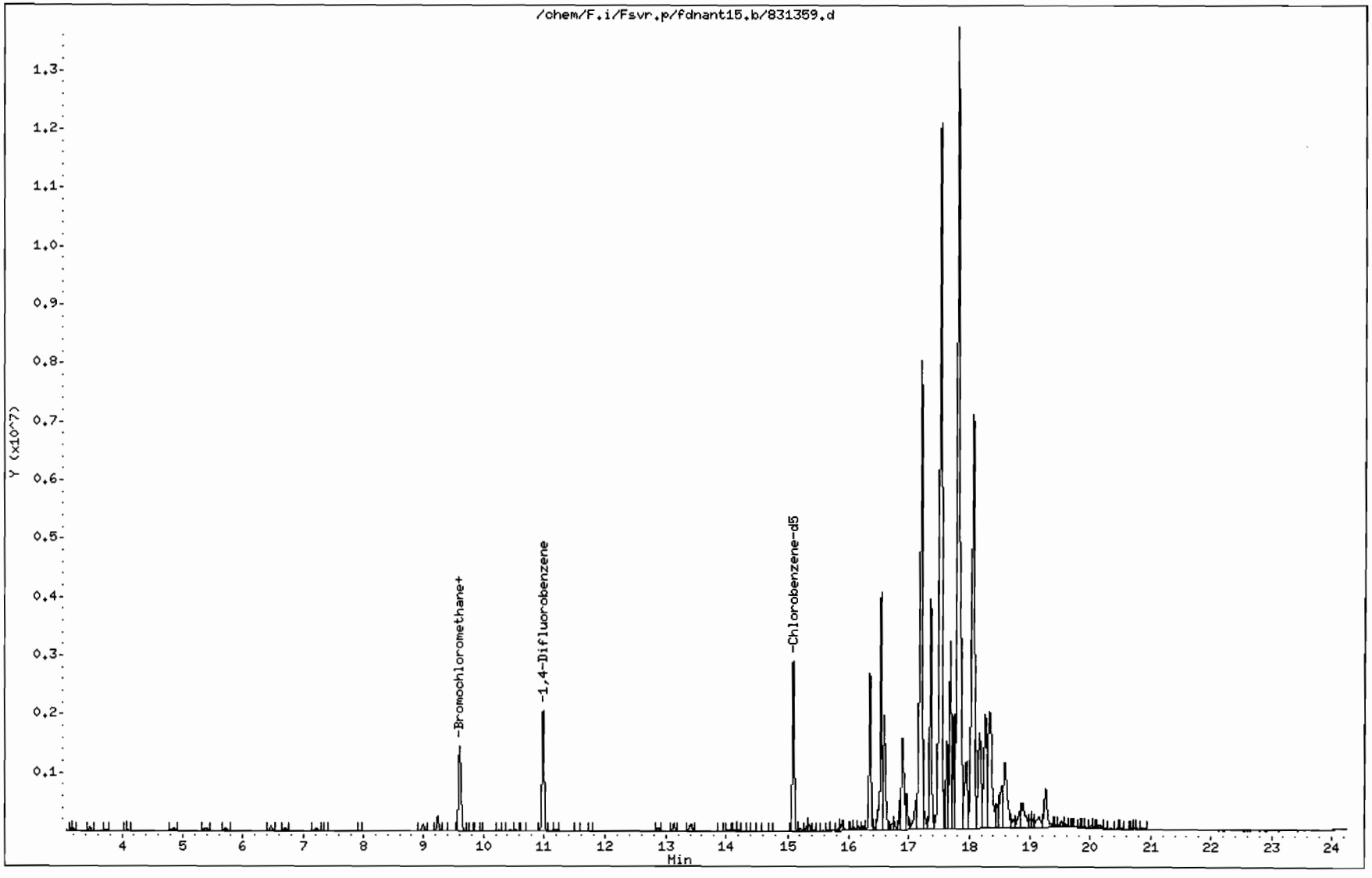
Sample Info: CE-VAPOR-8 :[05/24/10 @1233(AIR)

Purge Volume: 20.0

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831359.d
Lab Smp Id: 831359 Client Smp ID: CE-VAPOR-8
Inj Date : 03-JUN-2010 20:00
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)
Misc Info : 831359;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 12
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)	
	25	Methylene chloride	49	Compound Not Detected.						
	26	tert-Butyl Alcohol	59	Compound Not Detected.						
	27	Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28	trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30	n-Hexane	57	Compound Not Detected.						
	31	1,1-Dichloroethane	63	Compound Not Detected.						
	36	Methyl Ethyl Ketone	72	9.233	9.260	(0.963)	109526	4.14109	41	(Q)
	34	cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33	1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37	Bromochloromethane	128	9.592	9.619	(1.000)	481274	10.0000		(Q)
	39	Chloroform	83	Compound Not Detected.						
	38	Tetrahydrofuran	42	9.613	9.640	(0.875)	440194	7.69514	77	
	41	1,1,1-Trichloroethane	97	Compound Not Detected.						
	40	Cyclohexane	84	Compound Not Detected.						
	42	Carbon tetrachloride	117	Compound Not Detected.						
	43	2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44	Benzene	78	Compound Not Detected.						
	45	1,2-Dichloroethane	62	10.544	10.571	(0.960)	15808	0.20844	2.1	
	46	n-Heptane	43	Compound Not Detected.						
*	47	1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2323060	10.0000		
	49	Trichloroethene	95	Compound Not Detected.						
	50	1,2-Dichloropropane	63	Compound Not Detected.						
	53	1,4-Dioxane	88	Compound Not Detected.						
	54	Bromodichloromethane	83	Compound Not Detected.						
	55	cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56	Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58	Toluene	92	13.133	13.160	(0.870)	82135	0.69886	7.0	
	59	trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60	1,1,2-Trichloroethane	83	Compound Not Detected.						
	61	Tetrachloroethene	166	Compound Not Detected.						
	62	Methyl Butyl Ketone	43	Compound Not Detected.						
	63	Dibromochloromethane	129	Compound Not Detected.						
	64	1,2-Dibromoethane	107	Compound Not Detected.						
*	65	Chlorobenzene-d5	117	15.091	15.113	(1.000)	2167274	10.0000		
	66	Chlorobenzene	112	Compound Not Detected.						
	68	Ethylbenzene	91	Compound Not Detected.						
	69	Xylene (m,p)	106	Compound Not Detected.						
	71	Xylene (o)	106	Compound Not Detected.						
M	70	Xylenes, Total	106	Compound Not Detected.						
	72	Styrene	104	15.888	15.910	(1.053)	101436	0.62649	6.3	
	73	Bromoform	173	Compound Not Detected.						
	76	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80	4-Ethyltoluene	105	Compound Not Detected.						
	82	1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81	2-Chlorotoluene	91	Compound Not Detected.						
	85	1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88	1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

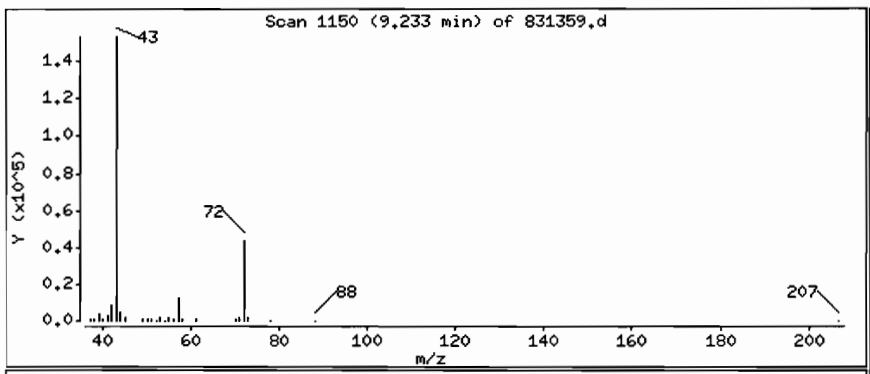
Client ID: CE-VAPOR-8 Instrument: F.i

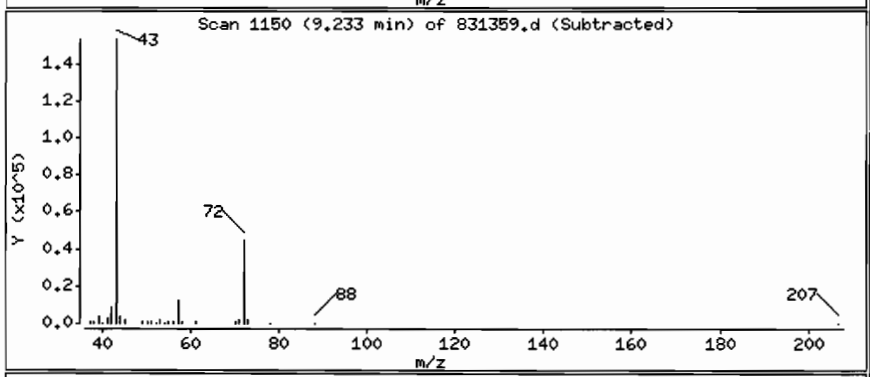
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

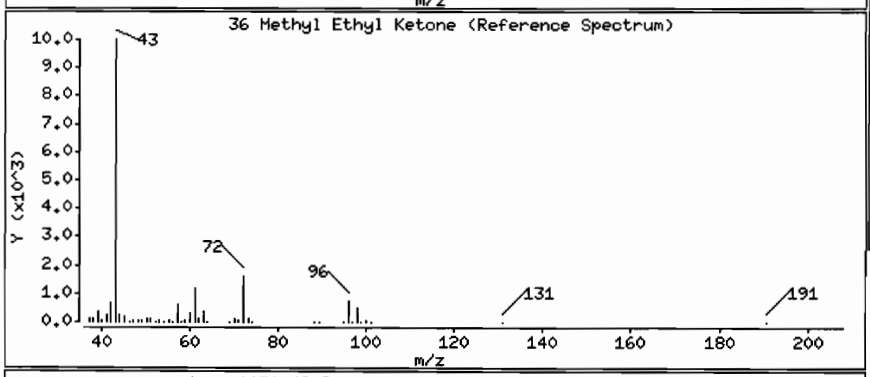
Purge Volume: 20.0 Operator: WRD

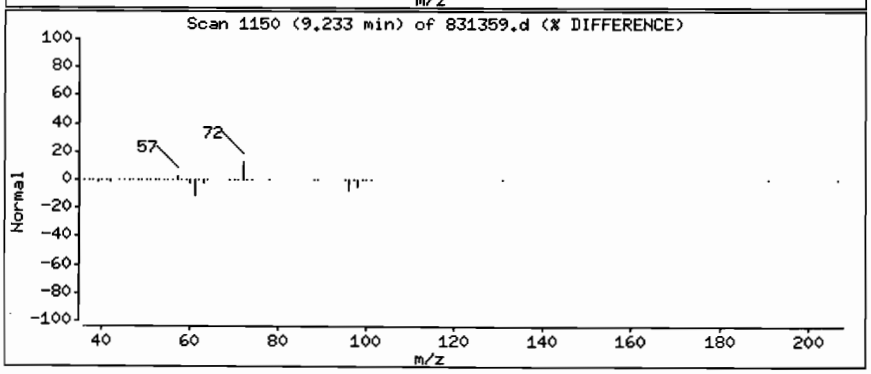
Column phase: RTX-624 Column diameter: 0.32

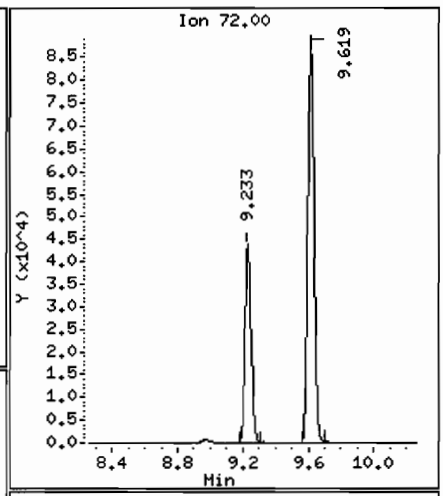
36 Methyl Ethyl Ketone Concentration: 41 ppbv

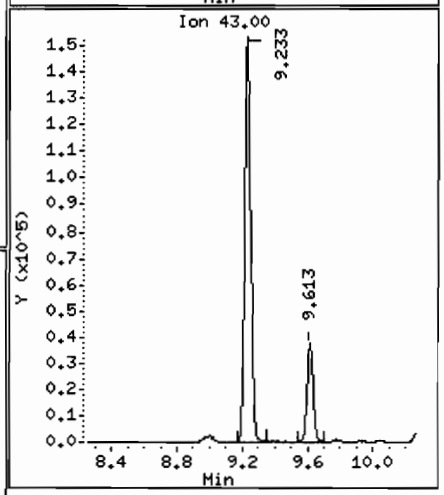












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

Purge Volume: 20.0

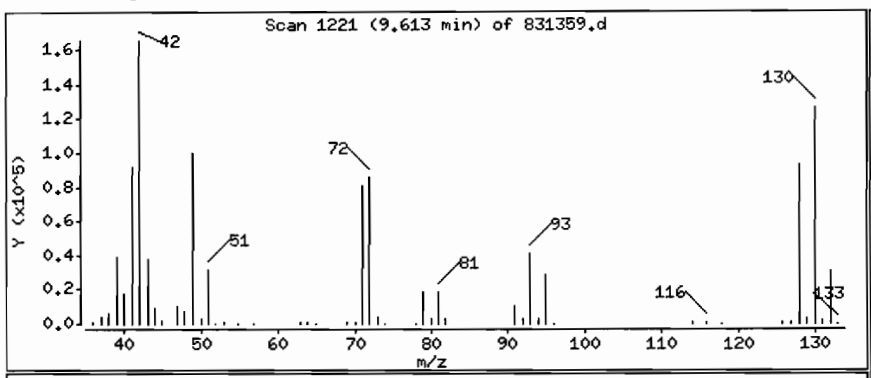
Operator: WRD

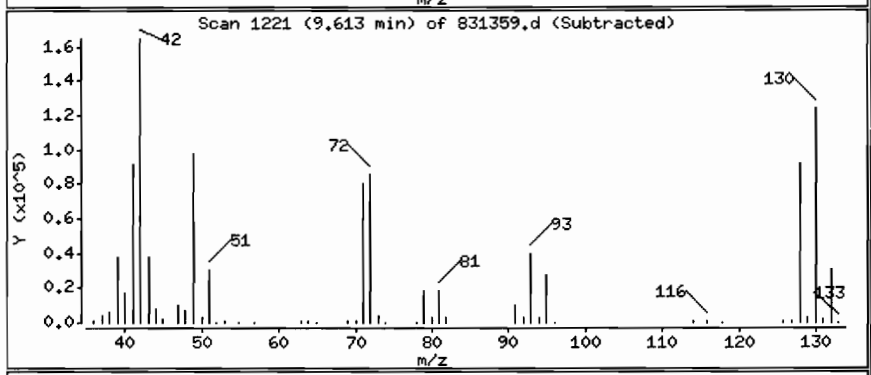
Column phase: RTX-624

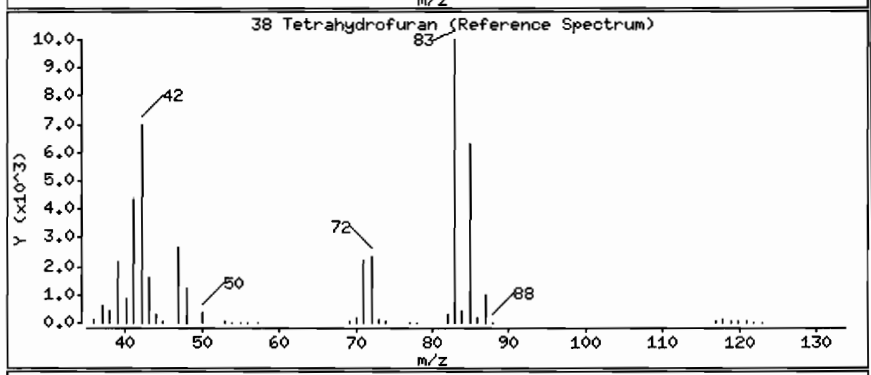
Column diameter: 0.32

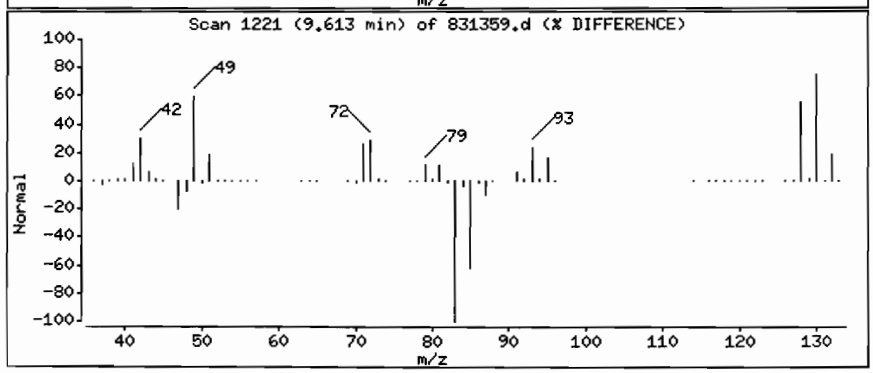
38 Tetrahydrofuran

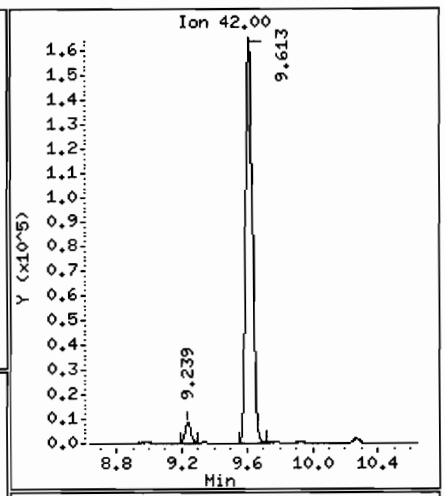
Concentration: 77 ppbv

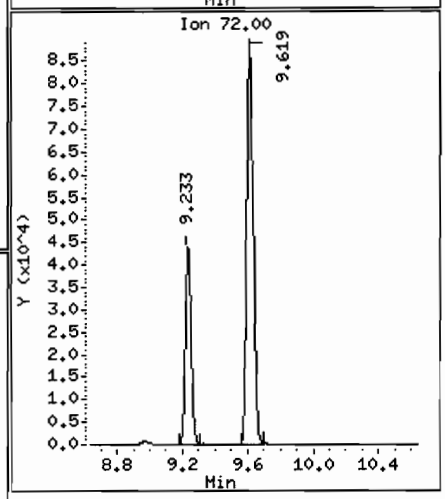












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

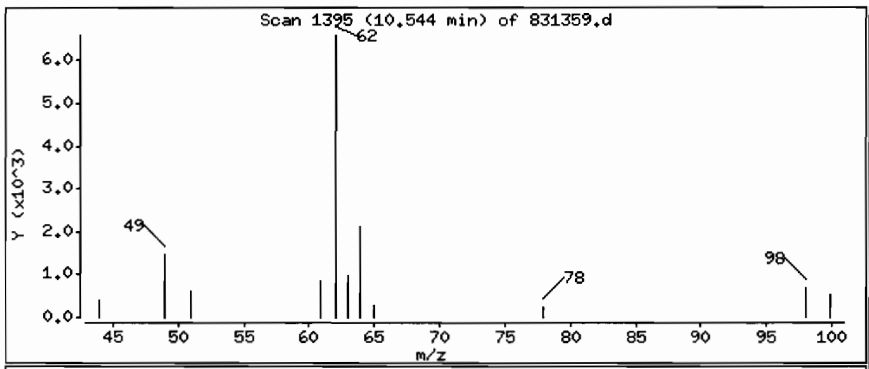
Client ID: CE-VAPOR-8 Instrument: F.i

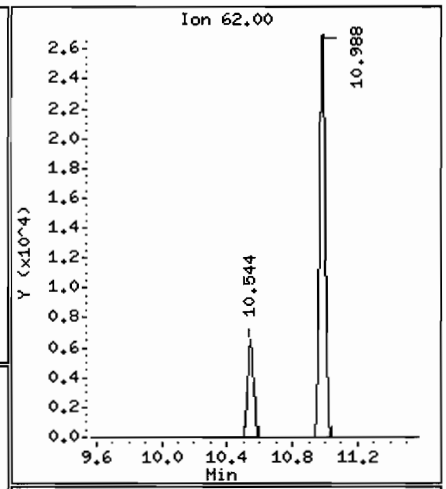
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

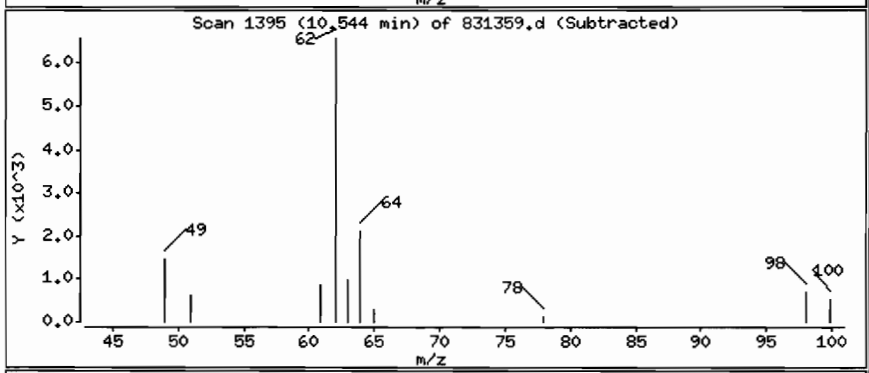
Purge Volume: 20.0 Operator: WRD

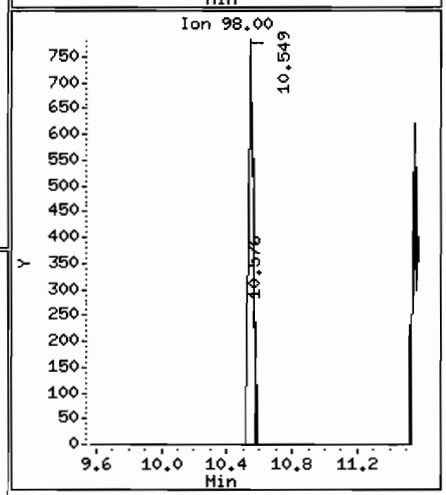
Column phase: RTX-624 Column diameter: 0.32

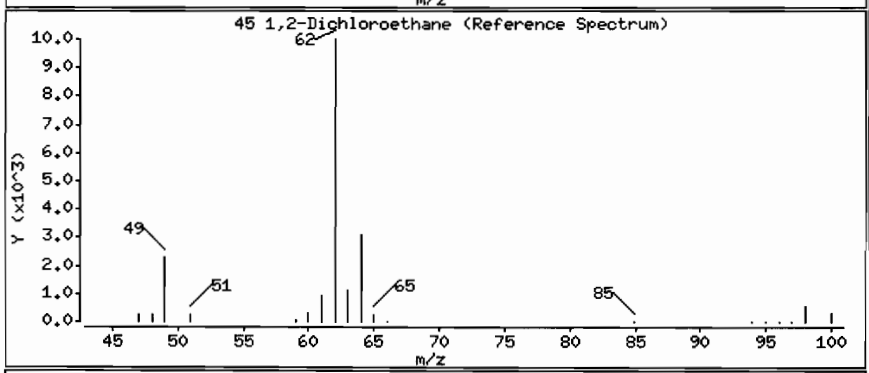
45 1,2-Dichloroethane Concentration: 2.1 ppbv

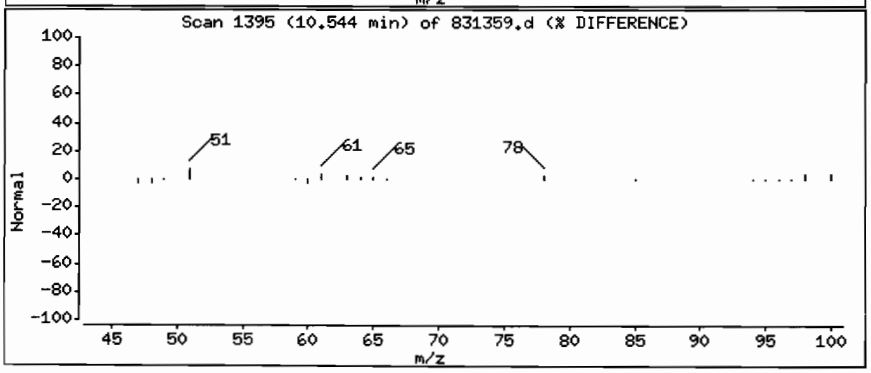












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

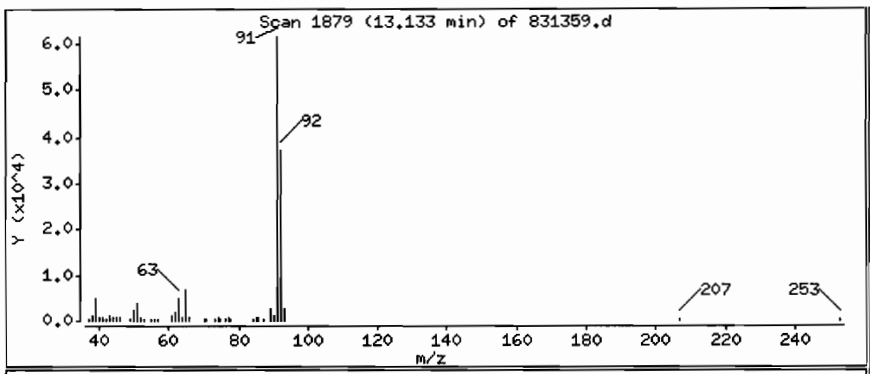
Client ID: CE-VAPOR-8 Instrument: F.i

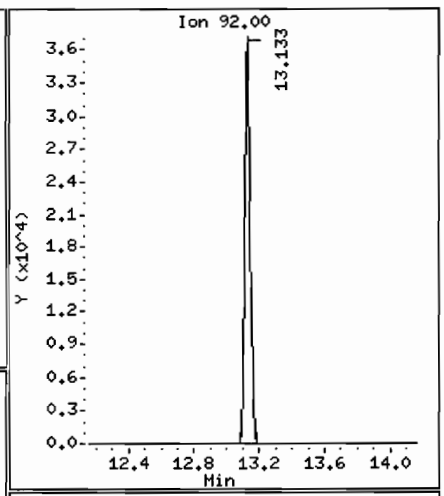
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

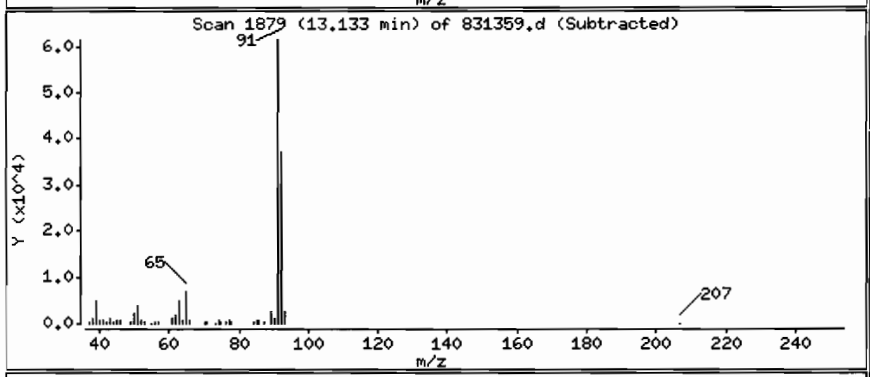
Purge Volume: 20.0 Operator: WRD

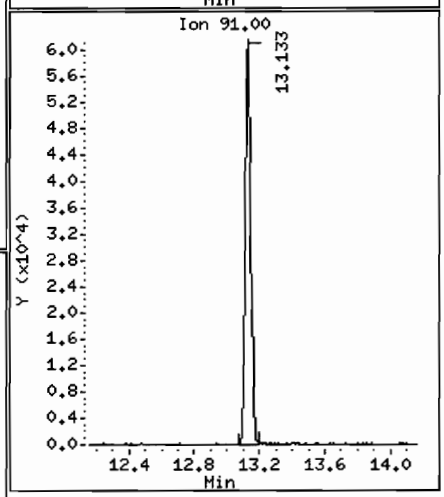
Column phase: RTX-624 Column diameter: 0.32

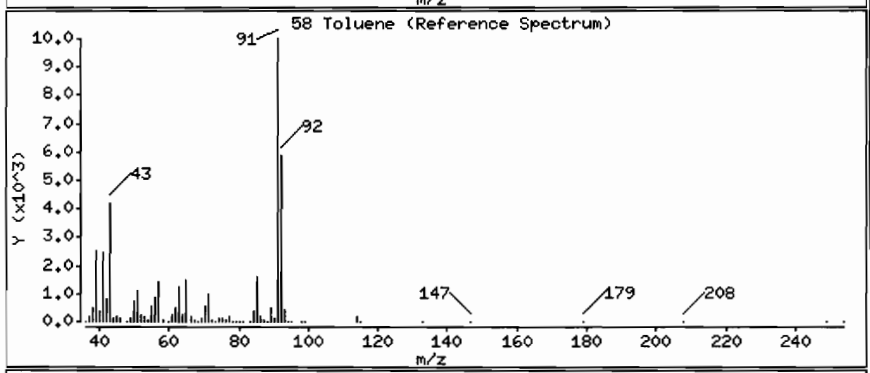
58 Toluene Concentration: 7.0 ppbv

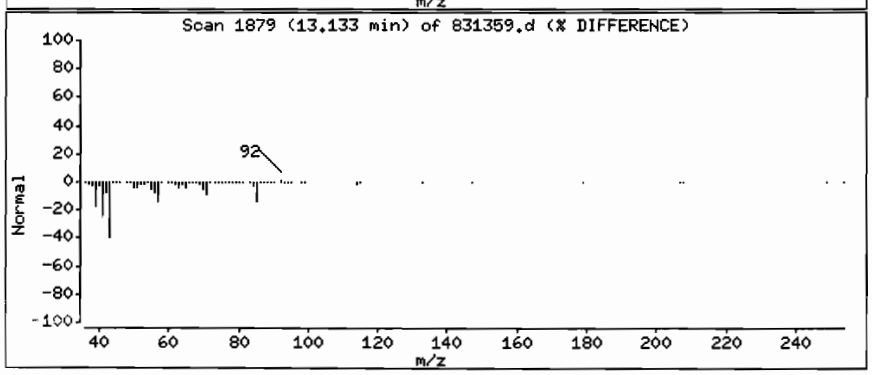












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

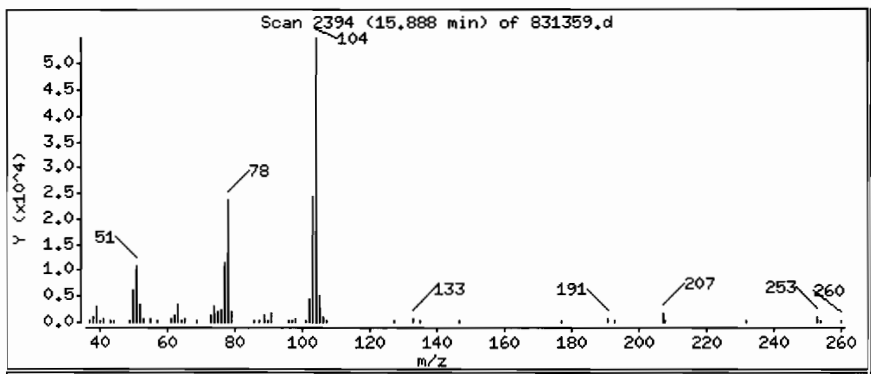
Client ID: CE-VAPOR-8 Instrument: F.i

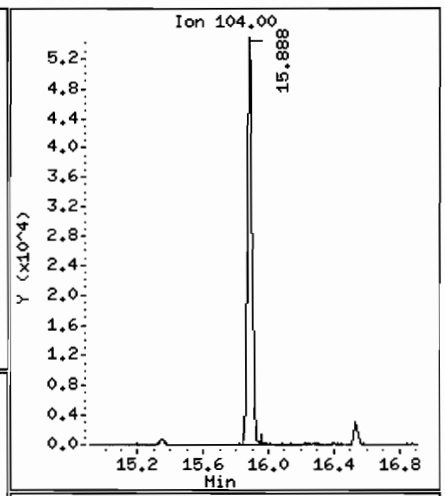
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

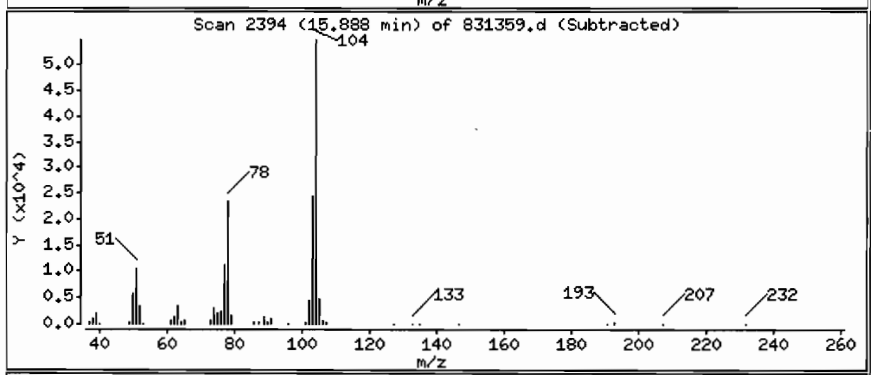
Purge Volume: 20.0 Operator: WRD

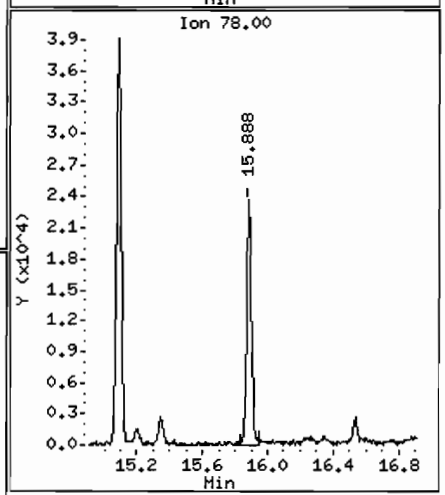
Column phase: RTX-624 Column diameter: 0.32

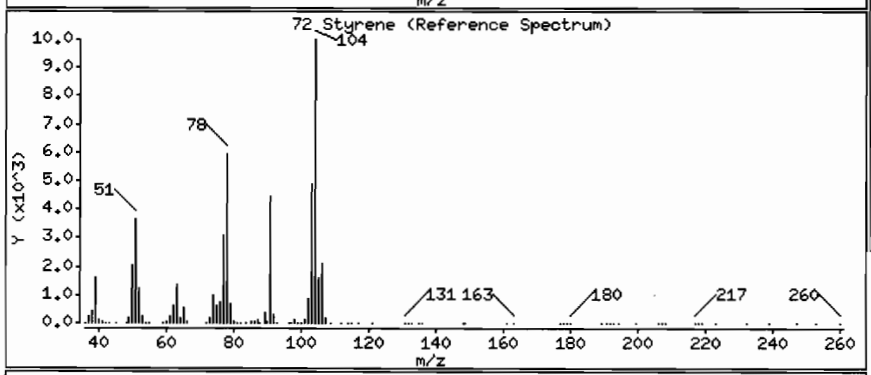
72 Styrene Concentration: 6.3 ppbv

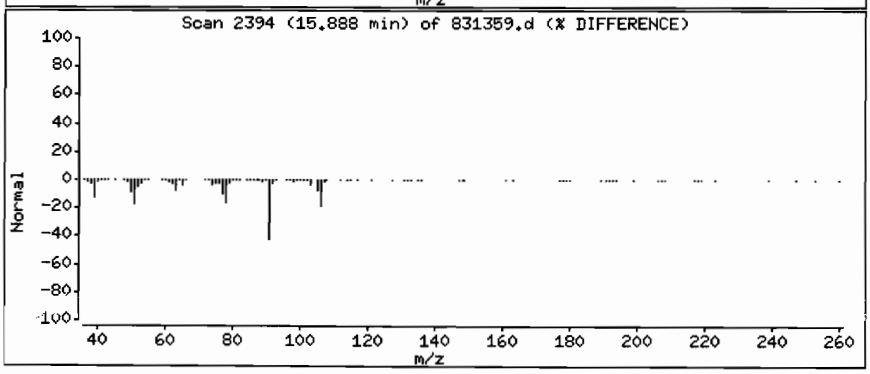












Supportive Documentation – TO-15 Volatile

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.339	2.320	2.300	2.118		
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234		
Chloromethane		0.773	0.723	0.716	0.657		
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882		
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668		
Bromomethane	1.089	1.072	1.040	1.018	1.009		
Chloroethane		0.591	0.571	0.565	0.547		
Bromoethene	1.101	1.096	1.068	1.051	1.054		
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766		
Freon TF	2.049	2.077	2.023	2.000	2.018		
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957		
Acetone			1.786	1.844	1.638		
Isopropyl Alcohol			1.362	1.316	1.279		
Carbon disulfide		3.110	3.157	3.096	3.102		
3-Chloropropene	1.307	1.316	1.372	1.370	1.316		
Methylene chloride		1.375	1.221	1.195	1.150		
tert-Butyl Alcohol			2.012	1.964	1.944		
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146		
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661		
n-Hexane	1.885	1.828	1.827	1.773	1.750		
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008		*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560		
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149		
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405		
Chloroform	2.426	2.346	2.363	2.327	2.300		
Tetrahydrofuran			0.256	0.254	0.248		
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496		
Cyclohexane	0.319	0.310	0.321	0.317	0.325		
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531		
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123		
Benzene	0.743	0.719	0.702	0.688	0.700		
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325		
n-Heptane	0.449	0.443	0.427	0.421	0.411		
Trichloroethene	0.322	0.314	0.315	0.313	0.319		
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265		
1,4-Dioxane			0.106	0.103	0.105		
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532		

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

	COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
	cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424			
	Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530			
	Toluene	0.562	0.536	0.532	0.532	0.561			
	trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447			
	1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272			
	Tetrachloroethene	0.466	0.451	0.447	0.450	0.486			
	Methyl Butyl Ketone		0.496	0.531	0.538	0.543			
	Dibromochloromethane	0.506	0.498	0.544	0.562	0.600			
	1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522			
*	Chlorobenzene	0.766	0.749	0.735	0.741	0.779			*
	Ethylbenzene	1.234	1.192	1.176	1.182	1.220			
	Xylene (m,p)	0.488	0.481	0.478	0.487	0.506			
	Xylene (o)	0.456	0.463	0.468	0.479	0.499			
	Xylenes, Total	0.456	0.463	0.468	0.479	0.499			
	Styrene	0.716	0.691	0.732	0.752	0.792			
	Bromoform	0.472	0.477	0.576	0.606	0.656			
	1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729			
	4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460			
	1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213			
	2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309			
	1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224			
	1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876			
	1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877			
	1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823			
	1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720			
	Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642			

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

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d

Page 4

Date : 07-APR-2010 11:04

Client ID: ASTD0.2

Instrument: F.i

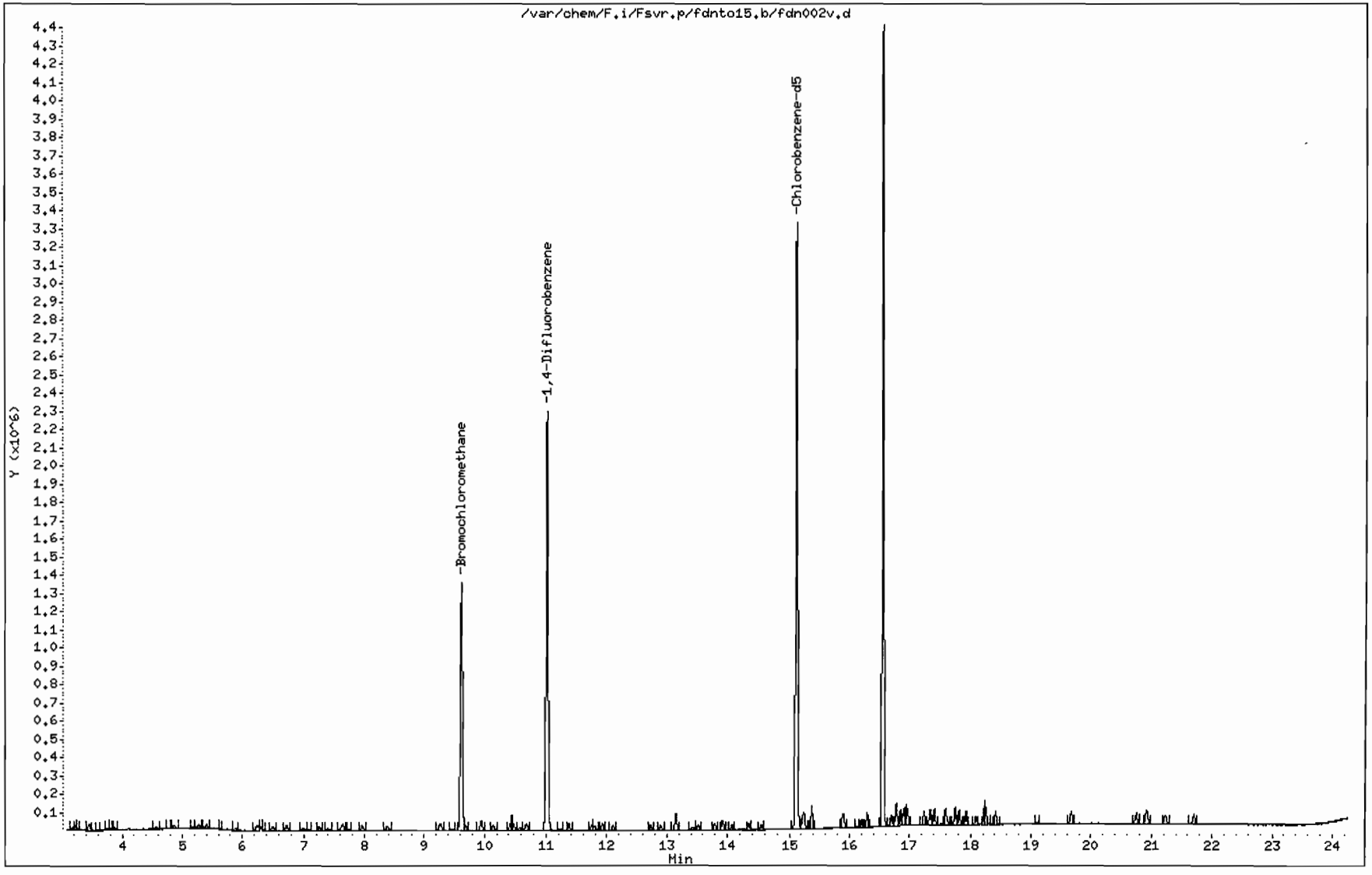
Sample Info: ic 022289

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d
Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
Inj Date : 07-APR-2010 11:04
Operator : wrd Inst ID: F.i
Smp Info : ic 022289
Misc Info : ASTD0.2;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:04 Cal File: fdn002v.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	5378	0.20000	0.23(a)
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	23169	0.20000	0.22(a)
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	12804	0.20000	0.23(a)
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.451	3.456	(0.359)	24158	0.20000	0.21
5	Chloromethane	50	3.590	3.584	(0.373)	7371	0.20000	0.22(a)
6	Butane	43	3.766	3.766	(0.392)	13220	0.20000	0.22(a)
7	Vinyl chloride	62	3.809	3.809	(0.396)	8928	0.20000	0.20
8	Butadiene	54	3.873	3.879	(0.403)	7298	0.20000	0.22(a)
9	Bromomethane	94	4.569	4.563	(0.475)	10700	0.20000	0.21
10	Chloroethane	64	4.788	4.788	(0.498)	5698	0.20000	0.21(a)
11	2-Methylbutane	43	4.863	4.868	(0.506)	13293	0.20000	0.23
12	Vinyl bromide	106	5.178	5.179	(0.538)	10812	0.20000	0.21
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	28698	0.20000	0.21
14	Pentane	43	5.398	5.403	(0.561)	19122	0.20000	0.23(a)
15	Ethanol	45	5.751	5.730	(0.598)	10369	0.20000	0.51(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	16 Ethyl ether	59	5.885	5.863	(0.612)	8041	0.20000	0.20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	20121	0.20000	0.20
	18 Acrolein	56	6.227	6.216	(0.647)	5765	0.20000	0.27(a)
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	9952	0.20000	0.21
	20 Acetone	43	6.505	6.489	(0.676)	38841	0.20000	0.48(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	31155	0.20000	0.21(a)
	22 Isopropyl alcohol	45	6.714	6.693	(0.698)	18533	0.20000	0.30(a)
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	12836	0.20000	0.20(a)
	24 Acetonitrile	41	7.094	7.078	(0.737)	8591	0.20000	0.22(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	15585	0.20000	0.27(a)
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	18929	0.20000	0.20(a)
	27 Methyl tert-butyl ether	73	7.613	7.602	(0.791)	31735	0.20000	0.21(a)
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	17029	0.20000	0.21
	29 Acrylonitrile	53	7.736	7.730	(0.804)	8318	0.20000	0.21(a)
	30 Hexane	57	7.966	7.966	(0.828)	18515	0.20000	0.21(a)
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	20551	0.20000	0.21
	32 Vinyl acetate	43	8.394	8.388	(0.873)	28511	0.20000	0.21(a)
M	33 1,2-Dichloroethene,Total	61				28705	0.40000	0.42
	34 cis-1,2-Dichloroethene	96	9.250	9.260	(0.962)	11676	0.20000	0.21
	35 Ethyl acetate	88	9.276	9.271	(0.964)	732	0.20000	0.15(aQ)
	36 2-Butanone(MEK)	72	9.276	9.260	(0.964)	5566	0.20000	0.21(aQ)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	491070	10.0000	
	38 Tetrahydrofuran	42	9.662	9.640	(0.878)	13355	0.20000	0.22(a)
	39 Chloroform	83	9.688	9.694	(1.007)	23830	0.20000	0.21
	40 Cyclohexane	84	9.950	9.956	(0.904)	15527	0.20000	0.20
	41 1,1,1-Trichloroethane	97	9.940	9.950	(0.903)	24634	0.20000	0.21
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	24712	0.20000	0.20
	43 Isooctane	57	10.432	10.432	(0.948)	56624	0.20000	0.21
	44 Benzene	78	10.469	10.475	(0.951)	36129	0.20000	0.21
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	15983	0.20000	0.20
	46 n-Heptane	43	10.678	10.678	(0.970)	21843	0.20000	0.21
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2432532	10.0000	
	48 n-Butanol	56	11.229	11.208	(1.020)	6706	0.20000	0.20(aQ)
	49 Trichloroethene	95	11.373	11.373	(1.033)	15682	0.20000	0.20
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	12840	0.20000	0.20
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	12492	0.20000	0.20(a)
	52 Dibromomethane	174	11.924	11.930	(1.083)	15114	0.20000	0.20
	53 1,4-Dioxane	88	11.914	11.882	(1.082)	5310	0.20000	0.21(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	24810	0.20000	0.20
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	19699	0.20000	0.20
	56 4-Methyl-2-pentanone(MIBK)	43	12.898	12.887	(1.172)	24181	0.20000	0.19(a)
	57 n-Octane	43	13.144	13.144	(1.194)	28501	0.20000	0.21
	58 Toluene	92	13.155	13.160	(0.870)	26144	0.20000	0.21
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	19584	0.20000	0.19(a)
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	13005	0.20000	0.21(Q)
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	21682	0.20000	0.20
	62 2-Hexanone	43	14.070	14.064	(0.931)	24308	0.20000	0.20(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	23571	0.20000	0.18(a)
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	23062	0.20000	0.20
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2327300	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	35682	0.20000	0.20
	67 n-Nonane	57	15.247	15.247	(1.009)	28786	0.20000	0.22
	68 Ethylbenzene	91	15.220	15.225	(1.007)	57462	0.20000	0.21
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	45445	0.40000	0.40
M	70 Xylenes, Total	106				66674	0.20000	0.60
	71 o-Xylene	106	15.883	15.883	(1.051)	21229	0.20000	0.19(a)
	72 Styrene	104	15.910	15.910	(1.053)	33325	0.20000	0.19(a)
	73 Bromoform	173	16.199	16.199	(1.072)	21968	0.20000	0.16(a)
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	63282	0.20000	0.20
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	32838	0.20000	0.20
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	76078	0.20000	0.20
	78 1,2,3-Trichloropropane	75	16.787	16.793	(1.111)	26899	0.20000	0.21(a)
	79 n-Decane	57	16.852	16.852	(1.115)	35318	0.20000	0.21(a)
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	65866	0.20000	0.20
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	60835	0.20000	0.21
	82 1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	52538	0.20000	0.19(a)
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	25151	0.20000	0.18(a)
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	50774	0.20000	0.19(a)
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	54449	0.20000	0.20
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	74786	0.20000	0.19(a)
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	63662	0.20000	0.19(a)
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	37896	0.20000	0.19(a)
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	37382	0.20000	0.19(a)
	90 Benzyl chloride	91	18.087	18.087	(1.197)	40170	0.20000	0.17(a)
	91 Undecane	57	18.221	18.221	(1.206)	38583	0.20000	0.20(a)
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	58434	0.20000	0.19(a)
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	35525	0.20000	0.19(a)
	94 Dodecane	57	19.671	19.671	(1.302)	34232	0.20000	0.18(a)
	95 1,2,4-Trichlorobenzene	180	20.757	20.752	(1.373)	28390	0.20000	0.18(a)
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	27331	0.20000	0.19(a)
	97 Naphthalene	128	21.228	21.233	(1.405)	66206	0.20000	0.20(a)
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	28844	0.20000	0.20

QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d

Page 4

Date : 07-APR-2010 11:57

Client ID: ASTD0.5

Instrument: F.i

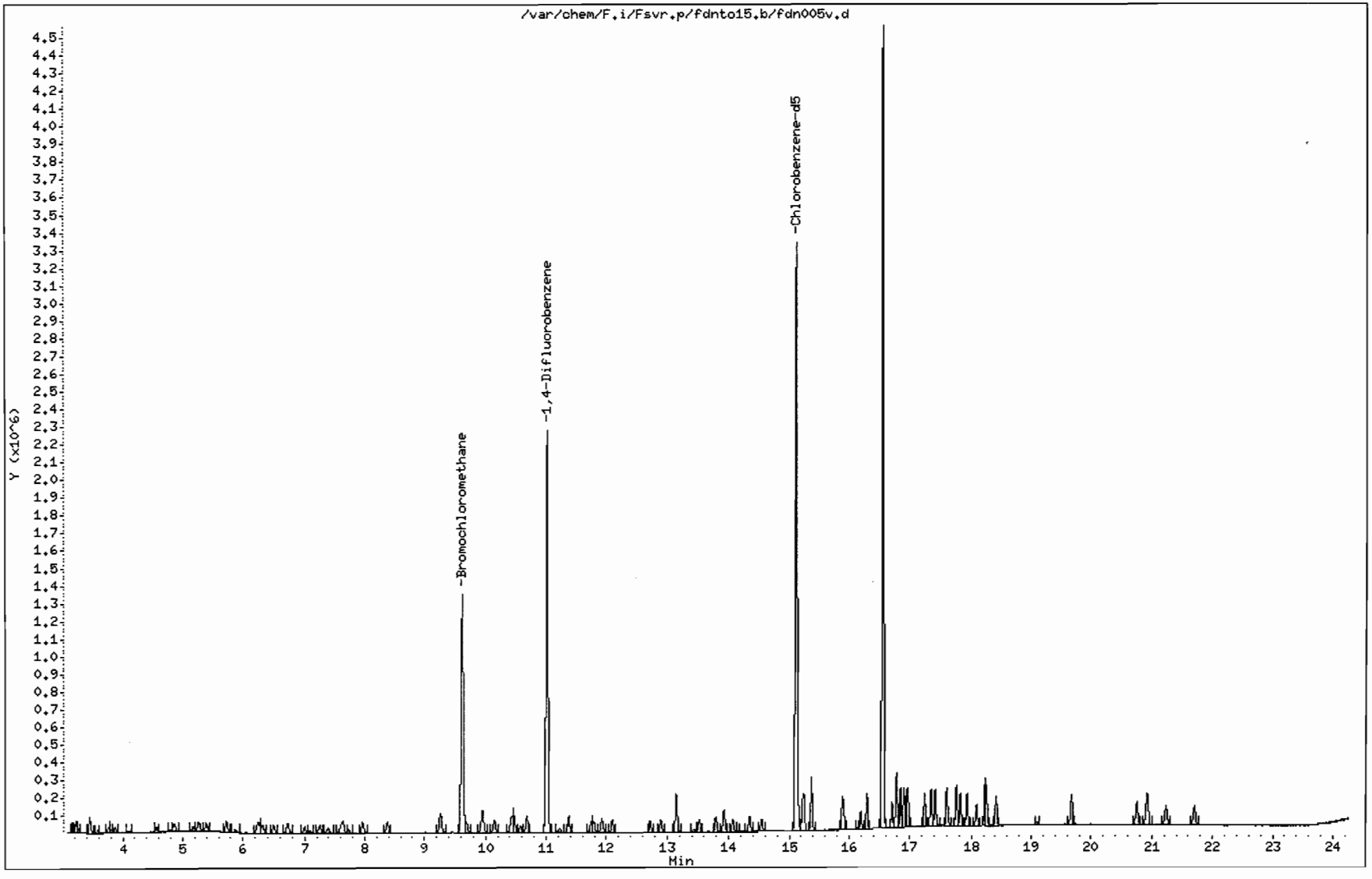
Sample Info: ic 022287

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d
Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
Inj Date : 07-APR-2010 11:57
Operator : wrd Inst ID: F.i
Smp Info : ic 022287
Misc Info : ASTD0.5;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:57 Cal File: fdn005v.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	12398	0.50000	0.55
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	55796	0.50000	0.54
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	31293	0.50000	0.57
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	59034	0.50000	0.54
5	Chloromethane	50	3.584	3.584	(0.373)	18436	0.50000	0.57
6	Butane	43	3.766	3.766	(0.392)	32899	0.50000	0.57
7	Vinyl chloride	62	3.804	3.809	(0.395)	22011	0.50000	0.52
8	Butadiene	54	3.878	3.879	(0.403)	17824	0.50000	0.54
9	Bromomethane	94	4.563	4.563	(0.474)	25577	0.50000	0.53
10	Chloroethane	64	4.788	4.788	(0.498)	14109	0.50000	0.54
11	2-Methylbutane	43	4.857	4.868	(0.505)	29030	0.50000	0.52
12	Vinyl bromide	106	5.178	5.179	(0.538)	26146	0.50000	0.52
13	Trichlorofluoromethane	101	5.264	5.275	(0.547)	70340	0.50000	0.53
14	Pentane	43	5.403	5.403	(0.562)	43789	0.50000	0.53
15	Ethanol	45	5.729	5.730	(0.596)	102301	5.00000	5.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.868	5.863	(0.610)	19856	0.50000	0.52
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	49548	0.50000	0.52
	18 Acrolein	56	6.227	6.216	(0.647)	12550	0.50000	0.60(a)
	19 1,1-Dichloroethene	96	6.318	6.323	(0.657)	23216	0.50000	0.50
	20 Acetone	43	6.500	6.489	(0.676)	71062	0.50000	0.89(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	74213	0.50000	0.51
	22 Isopropyl alcohol	45	6.708	6.693	(0.697)	37735	0.50000	0.62(a)
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	31397	0.50000	0.50
	24 Acetonitrile	41	7.083	7.078	(0.736)	19504	0.50000	0.51(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	32813	0.50000	0.58
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	47826	0.50000	0.52(a)
	27 Methyl tert-butyl ether	73	7.607	7.602	(0.791)	75214	0.50000	0.50
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	40773	0.50000	0.51
	29 Acrylonitrile	53	7.730	7.730	(0.804)	18588	0.50000	0.49(a)
	30 Hexane	57	7.966	7.966	(0.828)	43602	0.50000	0.52
	31 1,1-Dichloroethane	63	8.367	8.372	(0.870)	49346	0.50000	0.51
	32 Vinyl acetate	43	8.388	8.388	(0.872)	63714	0.50000	0.49(a)
M	33 1,2-Dichloroethene,Total	61				68474	1.00000	1.0
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	27701	0.50000	0.51
	35 Ethyl acetate	88	9.276	9.271	(0.964)	2245	0.50000	0.48(aQ)
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	13457	0.50000	0.51
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	477162	10.0000	
	38 Tetrahydrofuran	42	9.656	9.640	(0.877)	31124	0.50000	0.53(a)
	39 Chloroform	83	9.694	9.694	(1.008)	55962	0.50000	0.51
	40 Cyclohexane	84	9.956	9.956	(0.904)	36900	0.50000	0.49
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.904)	57571	0.50000	0.49
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	59958	0.50000	0.48
	43 Isooctane	57	10.426	10.432	(0.947)	135189	0.50000	0.51
	44 Benzene	78	10.469	10.475	(0.951)	85424	0.50000	0.51
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	39545	0.50000	0.51
	46 n-Heptane	43	10.683	10.678	(0.970)	52623	0.50000	0.53
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2376868	10.0000	
	48 n-Butanol	56	11.224	11.208	(1.019)	16773	0.50000	0.52(a)
	49 Trichloroethene	95	11.368	11.373	(1.033)	37359	0.50000	0.50
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	32128	0.50000	0.51
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	29341	0.50000	0.47(a)
	52 Dibromomethane	174	11.930	11.930	(1.084)	34632	0.50000	0.48
	53 1,4-Dioxane	88	11.903	11.882	(1.081)	12540	0.50000	0.51(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	58589	0.50000	0.47
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	47343	0.50000	0.48
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.171)	60070	0.50000	0.49(a)
	57 n-Octane	43	13.144	13.144	(1.194)	73560	0.50000	0.55
	58 Toluene	92	13.160	13.160	(0.871)	61473	0.50000	0.49
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	49153	0.50000	0.48
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	29912	0.50000	0.49
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	51696	0.50000	0.48
	62 2-Hexanone	43	14.070	14.064	(0.931)	56916	0.50000	0.47(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	57147	0.50000	0.44
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	54786	0.50000	0.47
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2293887	10.0000	
	66 Chlorobenzene	112	15.156	15.150	(1.003)	85951	0.50000	0.49
	67 n-Nonane	57	15.247	15.247	(1.009)	68656	0.50000	0.53
	68 Ethylbenzene	91	15.225	15.225	(1.007)	136686	0.50000	0.50
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	110277	1.00000	0.99
M	70 Xylenes, Total	106				163394	0.50000	1.5
	71 o-Xylene	106	15.883	15.883	(1.051)	53117	0.50000	0.49
	72 Styrene	104	15.910	15.910	(1.053)	79287	0.50000	0.46
	73 Bromoform	173	16.199	16.199	(1.072)	54672	0.50000	0.40
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	150621	0.50000	0.48
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	80247	0.50000	0.49
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	185739	0.50000	0.50
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	64879	0.50000	0.51
	79 n-Decane	57	16.851	16.852	(1.115)	85828	0.50000	0.51
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	156224	0.50000	0.48
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	143743	0.50000	0.49
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	129625	0.50000	0.49
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	62536	0.50000	0.44
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	123265	0.50000	0.48
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	127661	0.50000	0.47
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	185357	0.50000	0.49
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	156477	0.50000	0.47
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	89685	0.50000	0.46
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	88019	0.50000	0.46
	90 Benzyl chloride	91	18.087	18.087	(1.197)	100215	0.50000	0.43
	91 Undecane	57	18.221	18.221	(1.206)	96407	0.50000	0.52(a)
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	146863	0.50000	0.50
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	83117	0.50000	0.46
	94 Dodecane	57	19.676	19.671	(1.302)	85596	0.50000	0.46(a)
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	65715	0.50000	0.42(a)
	96 Hexachlorobutadiene	225	20.917	20.923	(1.384)	63432	0.50000	0.45
	97 Naphthalene	128	21.233	21.233	(1.405)	146232	0.50000	0.44(a)
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	62391	0.50000	0.43

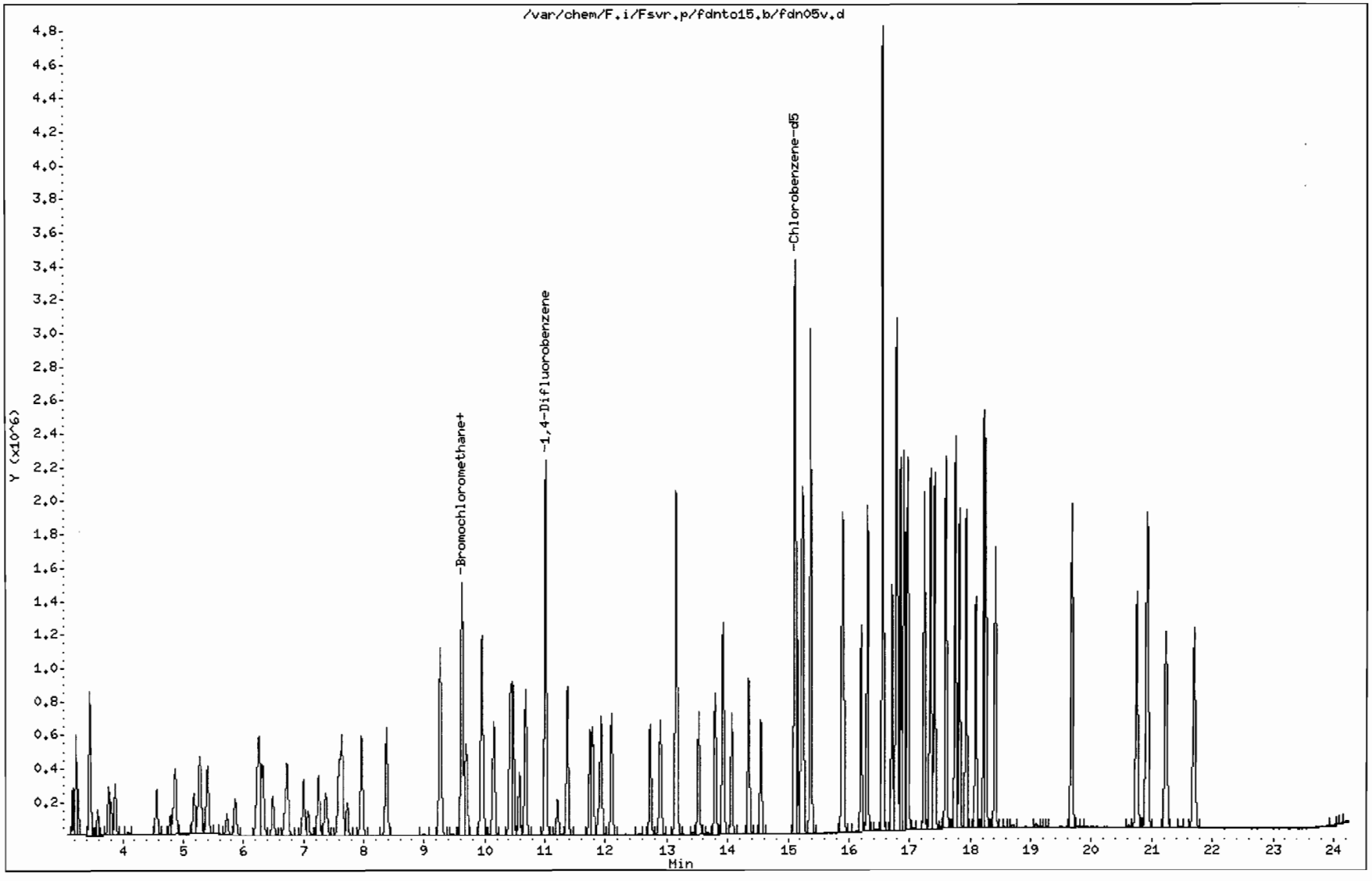
QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d
Date : 07-APR-2010 12:51
Client ID: ASTD05
Sample Info: ic 021996
Purge Volume: 2000.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d
Lab Smp Id: ASTD05 Client Smp ID: ASTD05
Inj Date : 07-APR-2010 12:51
Operator : wrd Inst ID: F.i
Smp Info : ic 021996
Misc Info : ASTD05;040710FA;1;2000
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 12:51 Cal File: fdn05v.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	2000.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	120455	5.00000	5.4
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	548165	5.00000	5.4
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	289440	5.00000	5.3
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	579597	5.00000	5.3
5	Chloromethane	50	3.584	3.584	(0.373)	170971	5.00000	5.3
6	Butane	43	3.766	3.766	(0.392)	306245	5.00000	5.3
7	Vinyl chloride	62	3.804	3.809	(0.395)	224756	5.00000	5.4
8	Butadiene	54	3.878	3.879	(0.403)	168458	5.00000	5.2
9	Bromomethane	94	4.563	4.563	(0.474)	245707	5.00000	5.1
10	Chloroethane	64	4.788	4.788	(0.498)	134919	5.00000	5.2
11	2-Methylbutane	43	4.863	4.868	(0.506)	288954	5.00000	5.2
12	Vinyl bromide	106	5.178	5.179	(0.538)	252386	5.00000	5.1
13	Trichlorofluoromethane	101	5.269	5.275	(0.548)	682969	5.00000	5.1
14	Pentane	43	5.403	5.403	(0.562)	434881	5.00000	5.4
15	Ethanol	45	5.724	5.730	(0.595)	196300	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	192523	5.00000	5.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.254	6.259	(0.650)	478075	5.00000	5.0
	18 Acrolein	56	6.216	6.216	(0.646)	106758	5.00000	5.2
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	228752	5.00000	5.0
	20 Acetone	43	6.484	6.489	(0.674)	422110	5.00000	5.4
	21 Carbon disulfide	76	6.730	6.730	(0.700)	746114	5.00000	5.1
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	321946	5.00000	5.3
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	324353	5.00000	5.2
	24 Acetonitrile	41	7.078	7.078	(0.736)	198112	5.00000	5.2
	25 Methylene chloride	49	7.249	7.254	(0.754)	288649	5.00000	5.2
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	475605	5.00000	5.2
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	750109	5.00000	5.1
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	407444	5.00000	5.2
	29 Acrylonitrile	53	7.730	7.730	(0.804)	197279	5.00000	5.2
	30 Hexane	57	7.966	7.966	(0.828)	431741	5.00000	5.2
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	490055	5.00000	5.1
	32 Vinyl acetate	43	8.383	8.388	(0.872)	682110	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				681821	10.0000	10
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	274377	5.00000	5.1
	35 Ethyl acetate	88	9.271	9.271	(0.964)	23567	5.00000	5.0
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	133990	5.00000	5.2
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	472643	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	301671	5.00000	5.2
	39 Chloroform	83	9.694	9.694	(1.008)	558401	5.00000	5.1
	40 Cyclohexane	84	9.956	9.956	(0.904)	378045	5.00000	5.0
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	585330	5.00000	5.1
	42 Carbon tetrachloride	117	10.143	10.148	(0.921)	611713	5.00000	5.0
	43 Isooctane	57	10.432	10.432	(0.948)	1344495	5.00000	5.1
	44 Benzene	78	10.469	10.475	(0.951)	826438	5.00000	5.0
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	396228	5.00000	5.2
	46 n-Heptane	43	10.678	10.678	(0.970)	502371	5.00000	5.1
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2352647	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	156752	5.00000	4.9(a)
	49 Trichloroethene	95	11.373	11.373	(1.033)	370275	5.00000	5.0
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	314647	5.00000	5.1
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	308545	5.00000	5.0
	52 Dibromomethane	174	11.930	11.930	(1.084)	342271	5.00000	4.8
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	125122	5.00000	5.1
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	620283	5.00000	5.1
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	489727	5.00000	5.0
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	635184	5.00000	5.2
	57 n-Octane	43	13.144	13.144	(1.194)	705661	5.00000	5.4
	58 Toluene	92	13.160	13.160	(0.871)	624277	5.00000	4.9
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	519353	5.00000	5.1
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	307742	5.00000	4.9
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	524621	5.00000	4.7
	62 2-Hexanone	43	14.064	14.064	(0.931)	623611	5.00000	5.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	638509	5.00000	4.8
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	575142	5.00000	4.9
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2346886	10.0000	
66	Chlorobenzene	112	15.150	15.150	(1.002)	862730	5.00000	4.8
67	n-Nonane	57	15.247	15.247	(1.009)	690954	5.00000	5.2
68	Ethylbenzene	91	15.225	15.225	(1.007)	1380251	5.00000	4.9
69	Xylene (m,p)	106	15.375	15.375	(1.017)	1121283	10.0000	9.9
M 70	Xylenes, Total	106				1670952	5.00000	15
71	o-Xylene	106	15.883	15.883	(1.051)	549669	5.00000	4.9
72	Styrene	104	15.910	15.910	(1.053)	859103	5.00000	4.9
73	Bromoform	173	16.199	16.199	(1.072)	675972	5.00000	4.9
74	Isopropylbenzene	105	16.300	16.301	(1.079)	1552421	5.00000	4.9
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	828909	5.00000	5.0
77	n-Propylbenzene	91	16.782	16.782	(1.110)	1908794	5.00000	5.1
78	1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	664142	5.00000	5.1
79	n-Decane	57	16.851	16.852	(1.115)	893274	5.00000	5.2
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	1618898	5.00000	4.9
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	1485507	5.00000	5.0
82	1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	1342390	5.00000	4.9
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	704393	5.00000	4.9
84	tert-butylbenzene	119	17.344	17.344	(1.148)	1285604	5.00000	4.9
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	1357357	5.00000	4.9
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	1929902	5.00000	5.0
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	1655193	5.00000	4.9
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	944233	5.00000	4.8
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	940972	5.00000	4.8
90	Benzyl chloride	91	18.087	18.087	(1.197)	1189712	5.00000	5.0
91	Undecane	57	18.221	18.221	(1.206)	1035060	5.00000	5.4
92	n-Butylbenzene	91	18.253	18.253	(1.208)	1538263	5.00000	5.1
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	895655	5.00000	4.8
94	Dodecane	57	19.671	19.671	(1.302)	1002055	5.00000	5.3
95	1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	752648	5.00000	4.7
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	692189	5.00000	4.8
97	Naphthalene	128	21.233	21.233	(1.405)	1617769	5.00000	4.7
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	705639	5.00000	4.8

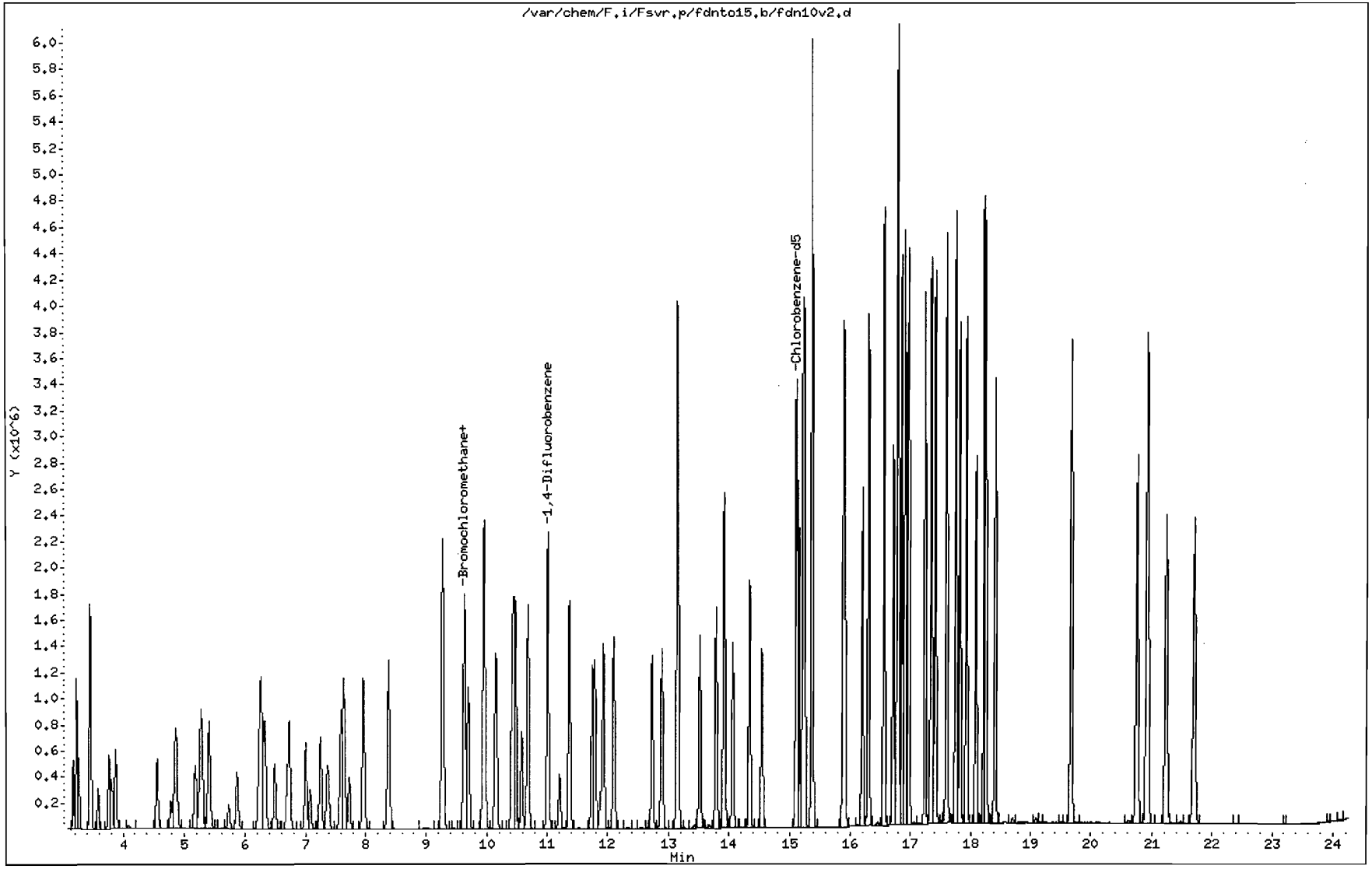
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d
Date : 07-APR-2010 14:37
Client ID: ASTD010
Sample Info: icis 021990
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 07-APR-2010 14:37
Operator : wrd Inst ID: F.i
Smp Info : icis 021990
Misc Info : ASTD010;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 14:37 Cal File: fdn10v2.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	240620	10.0000	11
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1091350	10.0000	11
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	575040	10.0000	11
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1151671	10.0000	11
5	Chloromethane	50	3.584	3.584	(0.373)	339790	10.0000	11
6	Butane	43	3.766	3.766	(0.392)	611086	10.0000	11
7	Vinyl chloride	62	3.809	3.809	(0.396)	443423	10.0000	11
8	Butadiene	54	3.879	3.879	(0.403)	336253	10.0000	10
9	Bromomethane	94	4.563	4.563	(0.474)	482917	10.0000	10
10	Chloroethane	64	4.788	4.788	(0.498)	267989	10.0000	10
11	2-Methylbutane	43	4.868	4.868	(0.506)	575947	10.0000	10
12	Vinyl bromide	106	5.179	5.179	(0.538)	498652	10.0000	9.9
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	1361163	10.0000	10
14	Pentane	43	5.403	5.403	(0.562)	864385	10.0000	11
15	Ethanol	45	5.730	5.730	(0.596)	291208	15.0000	15

		QUANT SIG					AMOUNTS CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppbv)	(ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	382581	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	948630	10.0000	9.9
	18 Acrolein	56	6.216	6.216	(0.646)	213282	10.0000	10
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	450638	10.0000	9.9
	20 Acetone	43	6.489	6.489	(0.675)	874961	10.0000	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1468703	10.0000	10
	22 Isopropyl alcohol	45	6.693	6.693	(0.696)	624296	10.0000	10
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	649832	10.0000	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	396271	10.0000	10
	25 Methylene chloride	49	7.254	7.254	(0.754)	566751	10.0000	10
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	931628	10.0000	10
	27 Methyl tert-butyl ether	73	7.602	7.602	(0.790)	1497963	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	805584	10.0000	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	392167	10.0000	10
	30 Hexane	57	7.966	7.966	(0.828)	841032	10.0000	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	974755	10.0000	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1363151	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1345063	20.0000	20
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	539479	10.0000	9.9
	35 Ethyl acetate	88	9.271	9.271	(0.964)	47006	10.0000	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	264497	10.0000	10
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	474417	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	597858	10.0000	10
	39 Chloroform	83	9.694	9.694	(1.008)	1104155	10.0000	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	746630	10.0000	10
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	1154883	10.0000	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	1224766	10.0000	10
	43 Isooctane	57	10.432	10.432	(0.947)	2655629	10.0000	10
	44 Benzene	78	10.475	10.475	(0.951)	1619131	10.0000	9.8
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	774436	10.0000	10
	46 n-Heptane	43	10.678	10.678	(0.969)	990057	10.0000	10
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2353546	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	308387	10.0000	9.7
	49 Trichloroethene	95	11.373	11.373	(1.033)	737740	10.0000	9.9
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	619430	10.0000	10
	51 Methyl methacrylate	69	11.791	11.791	(1.070)	619884	10.0000	10
	52 Dibromomethane	174	11.930	11.930	(1.083)	691331	10.0000	9.7
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	242636	10.0000	9.9(M)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1244570	10.0000	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	986661	10.0000	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	1269724	10.0000	10
	57 n-Octane	43	13.144	13.144	(1.193)	1370578	10.0000	10
	58 Toluene	92	13.160	13.160	(0.871)	1235144	10.0000	9.8
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1049835	10.0000	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	605232	10.0000	9.7
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	1044696	10.0000	9.5
	62 2-Hexanone	43	14.064	14.064	(0.931)	1249114	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1303471	10.0000	10
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1150516	10.0000	9.8
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2319359	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1719380	10.0000	9.7
	67 n-Nonane	57	15.247	15.247	(1.009)	1346176	10.0000	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2742676	10.0000	9.9
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	2259205	20.0000	20
M	70 Xylenes, Total	106				3370890	10.0000	30
	71 o-Xylene	106	15.883	15.883	(1.051)	1111685	10.0000	10
	72 Styrene	104	15.910	15.910	(1.053)	1744658	10.0000	10
	73 Bromoform	173	16.199	16.199	(1.072)	1405091	10.0000	10
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3117984	10.0000	9.9
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1650741	10.0000	10
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	3807852	10.0000	10
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1319336	10.0000	10
	79 n-Decane	57	16.852	16.852	(1.115)	1751541	10.0000	10
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3258029	10.0000	10
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	2966867	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	2714936	10.0000	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1448201	10.0000	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2590746	10.0000	9.9
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2732382	10.0000	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	3882031	10.0000	10
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3349171	10.0000	10
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	1900807	10.0000	9.7
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	1903453	10.0000	9.8
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2422363	10.0000	10
	91 Undecane	57	18.221	18.221	(1.206)	1990871	10.0000	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3047504	10.0000	10
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1802359	10.0000	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	1928635	10.0000	10
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1505904	10.0000	9.5
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1372890	10.0000	9.6
	97 Naphthalene	128	21.233	21.233	(1.405)	3242066	10.0000	9.6
	98 1,2,3-Trichlorobenzene	180	21.704	21.704	(1.436)	1398488	10.0000	9.6

QC Flag Legend

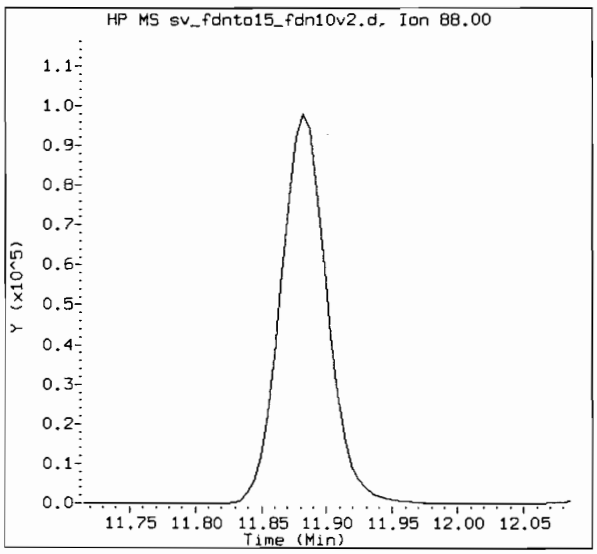
M - Compound response manually integrated.

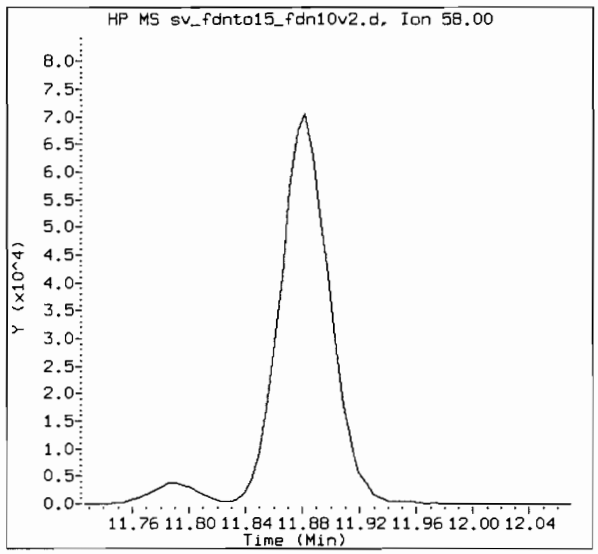
MANUAL INTEGRATION REPORT

Data File Name: fdn10v2.d
Client Sample ID: ASTD010
Compound Name: 1,4-Dioxane

Inj. Date and Time: 07-APR-2010 14:37
Instrument ID: F.i
CAS #: 123-91-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/12/2010 21:34





Original Integrations:

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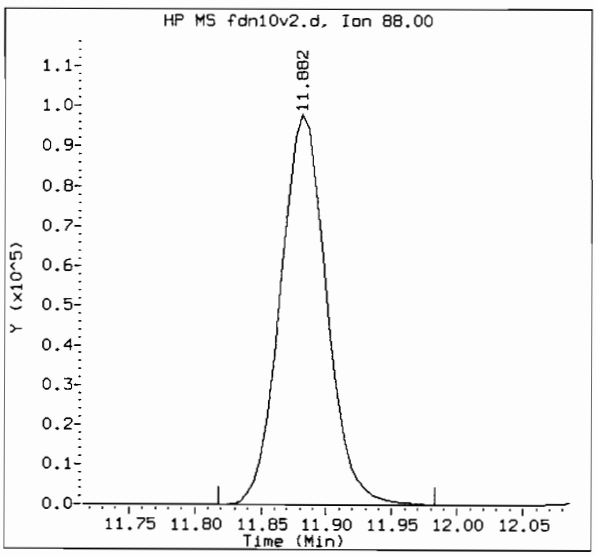
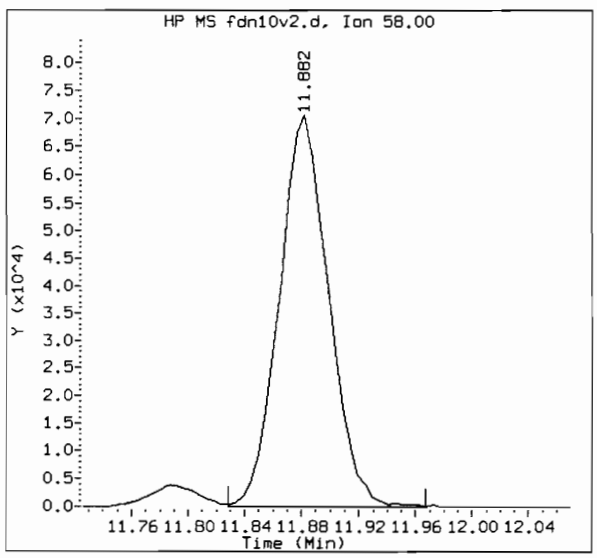
Area = 5815





Final Integrations:

Area = 242636

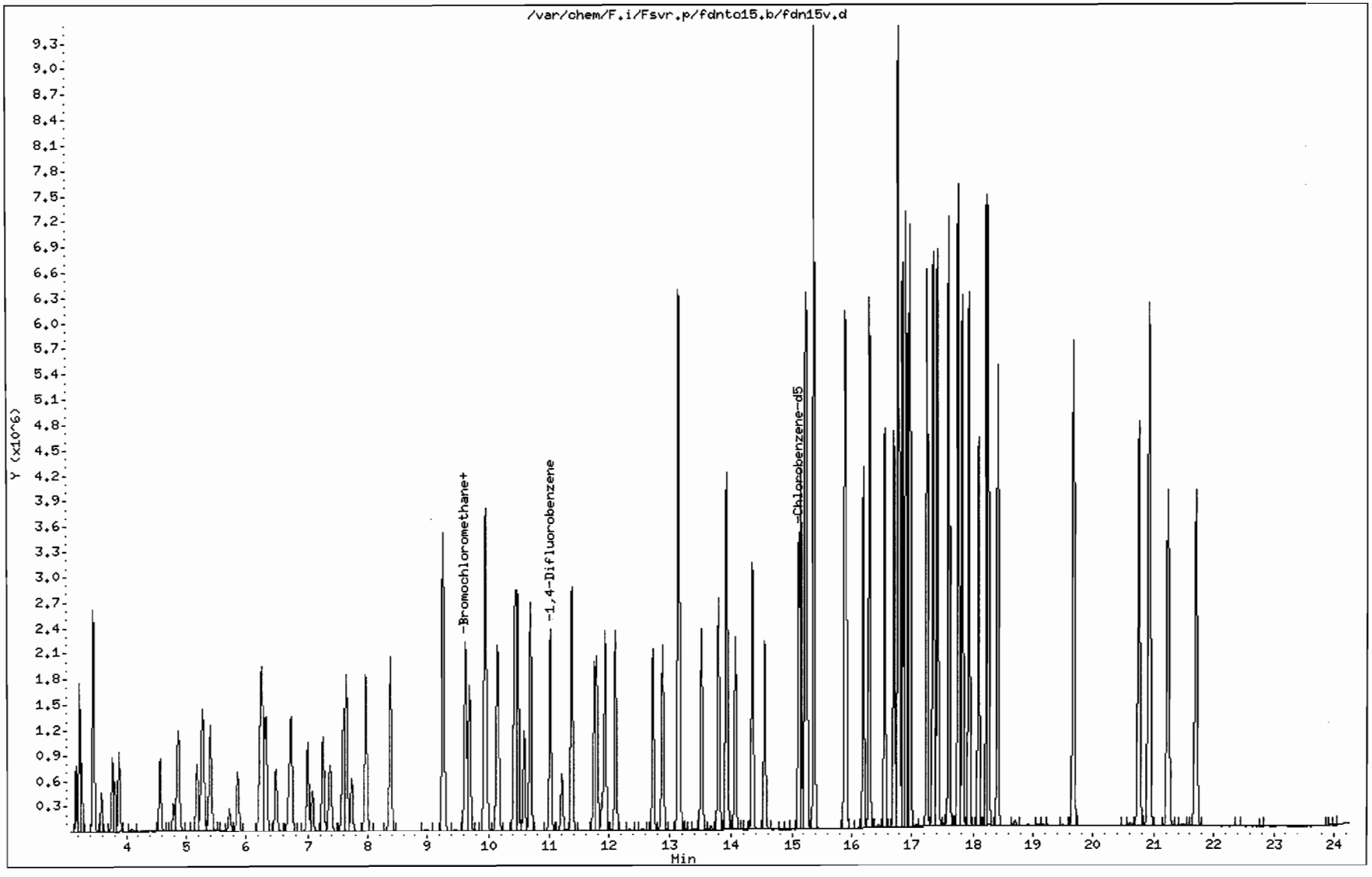
Area = 169510

Manual Integration Reason: MI3 - Mis-identification of peak

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d
Date : 07-APR-2010 15:28
Client ID: ASTD015
Sample Info: ic 021989
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 07-APR-2010 15:28
Operator : wrd Inst ID: F.i
Smp Info : ic 021989
Misc Info : ASTD015;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 15:28 Cal File: fdn15v.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	361235	15.0000	15
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1658397	15.0000	15
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	865597	15.0000	14
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1749288	15.0000	15
5 Chloromethane	50	3.584	3.584	(0.373)	514703	15.0000	15
6 Butane	43	3.771	3.766	(0.392)	941152	15.0000	15
7 Vinyl chloride	62	3.809	3.809	(0.396)	690668	15.0000	15
8 Butadiene	54	3.878	3.879	(0.403)	523082	15.0000	15
9 Bromomethane	94	4.563	4.563	(0.474)	789696	15.0000	15
10 Chloroethane	64	4.788	4.788	(0.498)	428086	15.0000	15
11 2-Methylbutane	43	4.868	4.868	(0.506)	893758	15.0000	15
12 Vinyl bromide	106	5.178	5.179	(0.538)	825257	15.0000	15
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	2165828	15.0000	15
14 Pentane	43	5.408	5.403	(0.562)	1335402	15.0000	15
15 Ethanol	45	5.724	5.730	(0.595)	428930	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
	16 Ethyl ether	59	5.863	5.863	(0.610)	624770	15.0000	15	
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1580154	15.0000	15	
	18 Acrolein	56	6.216	6.216	(0.646)	348275	15.0000	15	
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	749368	15.0000	15	
	20 Acetone	43	6.484	6.489	(0.674)	1282266	15.0000	15	
	21 Carbon disulfide	76	6.730	6.730	(0.700)	2428387	15.0000	15	
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	1001504	15.0000	15	
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	1030309	15.0000	15	
	24 Acetonitrile	41	7.078	7.078	(0.736)	651530	15.0000	15	
	25 Methylene chloride	49	7.249	7.254	(0.754)	900655	15.0000	15	
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	1522078	15.0000	15	
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	2462865	15.0000	15	
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1300505	15.0000	15	
	29 Acrylonitrile	53	7.730	7.730	(0.804)	633448	15.0000	15	
	30 Hexane	57	7.966	7.966	(0.828)	1369805	15.0000	15	
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	1571718	15.0000	15	
	32 Vinyl acetate	43	8.388	8.388	(0.872)	2189432	15.0000	15	
M	33 1,2-Dichloroethene,Total	61				2200006	30.0000	30	
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	899501	15.0000	15	
	35 Ethyl acetate	88	9.271	9.271	(0.964)	78776	15.0000	15	
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	438543	15.0000	15	(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	521911	10.0000		
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	942646	15.0000	15	
	39 Chloroform	83	9.694	9.694	(1.008)	1801049	15.0000	15	
	40 Cyclohexane	84	9.956	9.956	(0.904)	1234905	15.0000	15	
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1886409	15.0000	15	
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	2019784	15.0000	15	
	43 Isooctane	57	10.432	10.432	(0.947)	4268865	15.0000	15	
	44 Benzene	78	10.469	10.475	(0.950)	2660923	15.0000	15	
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	1234641	15.0000	15	
	46 n-Heptane	43	10.678	10.678	(0.969)	1563566	15.0000	15	
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2534933	10.0000		
	48 n-Butanol	56	11.202	11.208	(1.017)	506776	15.0000	15	
	49 Trichloroethene	95	11.373	11.373	(1.033)	1211661	15.0000	15	
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	1007076	15.0000	15	
	51 Methyl methacrylate	69	11.791	11.791	(1.070)	1018019	15.0000	15	
	52 Dibromomethane	174	11.930	11.930	(1.083)	1172958	15.0000	15	
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	400417	15.0000	15	
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	2025058	15.0000	15	
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	1610977	15.0000	15	
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	2014811	15.0000	15	
	57 n-Octane	43	13.144	13.144	(1.193)	2102484	15.0000	15	
	58 Toluene	92	13.160	13.160	(0.871)	2046030	15.0000	16	
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1700672	15.0000	15	
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	992269	15.0000	15	
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	1773493	15.0000	15	
	62 2-Hexanone	43	14.064	14.064	(0.931)	1981154	15.0000	15	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	2188444	15.0000	16
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1901962	15.0000	16
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2431336	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	2839677	15.0000	15
	67 n-Nonane	57	15.247	15.247	(1.009)	2091135	15.0000	15
	68 Ethylbenzene	91	15.225	15.225	(1.007)	4451279	15.0000	15
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	3691522	30.0000	31
M	70 Xylenes, Total	106				5511262	15.0000	48
	71 o-Xylene	106	15.883	15.883	(1.051)	1819740	15.0000	16
	72 Styrene	104	15.910	15.910	(1.053)	2887048	15.0000	16
	73 Bromoform	173	16.199	16.199	(1.072)	2393201	15.0000	17
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	5100328	15.0000	15
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	2658458	15.0000	15
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	6084095	15.0000	16
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2083368	15.0000	16
	79 n-Decane	57	16.851	16.852	(1.115)	2732828	15.0000	15
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	5324368	15.0000	16
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	4774393	15.0000	15
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	4425084	15.0000	16
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	2402287	15.0000	16
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	4257116	15.0000	16
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	4463371	15.0000	16
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	6321904	15.0000	16
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	5527756	15.0000	16
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	3195164	15.0000	16
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	3197633	15.0000	16
	90 Benzyl chloride	91	18.087	18.087	(1.197)	4001884	15.0000	16
	91 Undecane	57	18.221	18.221	(1.206)	3074378	15.0000	16
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	4910757	15.0000	16
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	3001534	15.0000	16
	94 Dodecane	57	19.671	19.671	(1.302)	3013903	15.0000	15
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	2624964	15.0000	16
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	2342548	15.0000	16
	97 Naphthalene	128	21.233	21.233	(1.405)	5572421	15.0000	16
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	2400255	15.0000	16

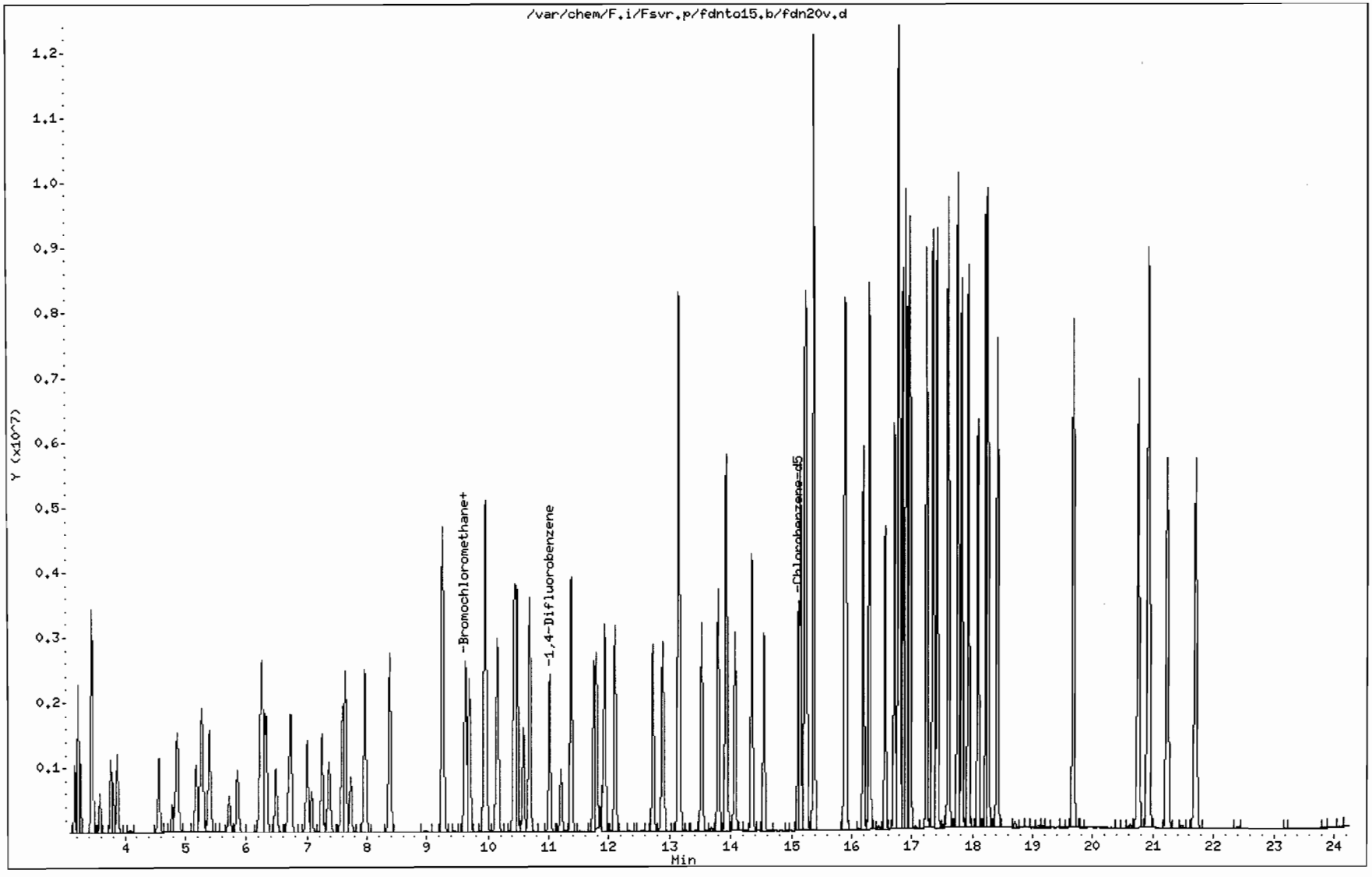
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Date : 07-APR-2010 16:19
Client ID: ASTD020
Sample Info: ic 021985
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 07-APR-2010 16:19
Operator : wrd Inst ID: F.i
Smp Info : ic 021985
Misc Info : ASTD020;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 16:19 Cal File: fdn20v.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.162	3.167	(0.329)	476131	20.0000	19
2 Dichlorodifluoromethane	85	3.220	3.226	(0.335)	2177025	20.0000	19
3 Chlorodifluoromethane	51	3.258	3.263	(0.339)	1138844	20.0000	18
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	2284277	20.0000	19
5 Chloromethane	50	3.579	3.584	(0.372)	673334	20.0000	18
6 Butane	43	3.766	3.766	(0.392)	1199507	20.0000	18
7 Vinyl chloride	62	3.803	3.809	(0.395)	895058	20.0000	19
8 Butadiene	54	3.873	3.879	(0.403)	677621	20.0000	18
9 Bromomethane	94	4.558	4.563	(0.474)	1058955	20.0000	19
10 Chloroethane	64	4.782	4.788	(0.497)	562293	20.0000	19
11 2-Methylbutane	43	4.863	4.868	(0.506)	1145389	20.0000	18
12 Vinyl bromide	106	5.173	5.179	(0.538)	1111623	20.0000	20
13 Trichlorofluoromethane	101	5.269	5.275	(0.548)	2894054	20.0000	19
14 Pentane	43	5.398	5.403	(0.561)	1698195	20.0000	18
15 Ethanol	45	5.724	5.730	(0.595)	886257	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
	16 Ethyl ether	59	5.858	5.863	(0.609)	848425	20.0000	20	
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	2149092	20.0000	20	
	18 Acrolein	56	6.216	6.216	(0.646)	468687	20.0000	20	
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	1032543	20.0000	20	
	20 Acetone	43	6.484	6.489	(0.674)	1709195	20.0000	19	
	21 Carbon disulfide	76	6.730	6.730	(0.700)	3275579	20.0000	20	
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	1356455	20.0000	20	
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	1389802	20.0000	20	
	24 Acetonitrile	41	7.077	7.078	(0.736)	855843	20.0000	20	
	25 Methylene chloride	49	7.249	7.254	(0.754)	1205317	20.0000	19	
	26 2-Methyl-2-propanol	59	7.366	7.372	(0.766)	2072328	20.0000	20	
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	3344174	20.0000	20	
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1753358	20.0000	20	
	29 Acrylonitrile	53	7.730	7.730	(0.804)	854100	20.0000	20	
	30 Hexane	57	7.966	7.966	(0.828)	1849541	20.0000	19	
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	2116897	20.0000	20	
	32 Vinyl acetate	43	8.388	8.388	(0.872)	2911727	20.0000	20	
M	33 1,2-Dichloroethene,Total	61				2977303	40.0000	39	
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	1223945	20.0000	20	
	35 Ethyl acetate	88	9.271	9.271	(0.964)	107337	20.0000	20	
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	591167	20.0000	20	(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	537032	10.0000		
	38 Tetrahydrofuran	42	9.635	9.640	(0.875)	1257158	20.0000	20	
	39 Chloroform	83	9.693	9.694	(1.008)	2427216	20.0000	20	
	40 Cyclohexane	84	9.956	9.956	(0.904)	1675115	20.0000	20	
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	2549134	20.0000	20	
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	2752690	20.0000	20	
	43 Isooctane	57	10.432	10.432	(0.948)	5737620	20.0000	20	
	44 Benzene	78	10.469	10.475	(0.951)	3595600	20.0000	20	
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	1662109	20.0000	20	
	46 n-Heptane	43	10.678	10.678	(0.970)	2086422	20.0000	19	
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2588644	10.0000		
	48 n-Butanol	56	11.202	11.208	(1.017)	711880	20.0000	20	
	49 Trichloroethene	95	11.373	11.373	(1.033)	1648629	20.0000	20	
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	1352103	20.0000	20	
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	1377664	20.0000	20	
	52 Dibromomethane	174	11.930	11.930	(1.084)	1625567	20.0000	21	
	53 1,4-Dioxane	88	11.876	11.882	(1.079)	540562	20.0000	20	
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	2736009	20.0000	20	
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	2175444	20.0000	20	
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	2683571	20.0000	20	
	57 n-Octane	43	13.144	13.144	(1.194)	2729726	20.0000	19	
	58 Toluene	92	13.160	13.160	(0.871)	2740702	20.0000	21	
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	2323489	20.0000	21	
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	1345960	20.0000	21	
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	2455269	20.0000	21	
	62 2-Hexanone	43	14.064	14.064	(0.931)	2644085	20.0000	21	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	3004728	20.0000	22
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	2598980	20.0000	21
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2432561	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	3872480	20.0000	21
	67 n-Nonane	57	15.246	15.247	(1.009)	2724462	20.0000	20
	68 Ethylbenzene	91	15.225	15.225	(1.007)	5956621	20.0000	21
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	4942236	40.0000	42
M	70 Xylenes, Total	106				7396356	20.0000	64
	71 o-Xylene	106	15.883	15.883	(1.051)	2454120	20.0000	21
	72 Styrene	104	15.910	15.910	(1.053)	3911424	20.0000	22
	73 Bromoform	173	16.199	16.199	(1.072)	3323044	20.0000	23
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	6925349	20.0000	21
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	3574383	20.0000	21
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	8052835	20.0000	21
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2741721	20.0000	20
	79 n-Decane	57	16.851	16.852	(1.115)	3605118	20.0000	20
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	7221362	20.0000	21
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	6401434	20.0000	21
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	6001660	20.0000	21
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	3317835	20.0000	22
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	5809913	20.0000	21
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	6074357	20.0000	21
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	8554520	20.0000	21
	87 4-Isopropyltoluene	119	17.755	17.750	(1.175)	7529457	20.0000	22
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	4411702	20.0000	22
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	4432622	20.0000	22
	90 Benzyl chloride	91	18.087	18.087	(1.197)	5484366	20.0000	22
	91 Undecane	57	18.221	18.221	(1.206)	4031841	20.0000	20
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	6596316	20.0000	21
	93 1,2-Dichlorobenzene	146	18.413	18.414	(1.218)	4171857	20.0000	22
	94 Dodecane	57	19.671	19.671	(1.302)	4166547	20.0000	21
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	3780922	20.0000	23
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	3371844	20.0000	22
	97 Naphthalene	128	21.233	21.233	(1.405)	7960253	20.0000	22
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	3481117	20.0000	23

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d

Page 4

Date : 07-APR-2010 17:09

Client ID: ASTD040

Instrument: F.i

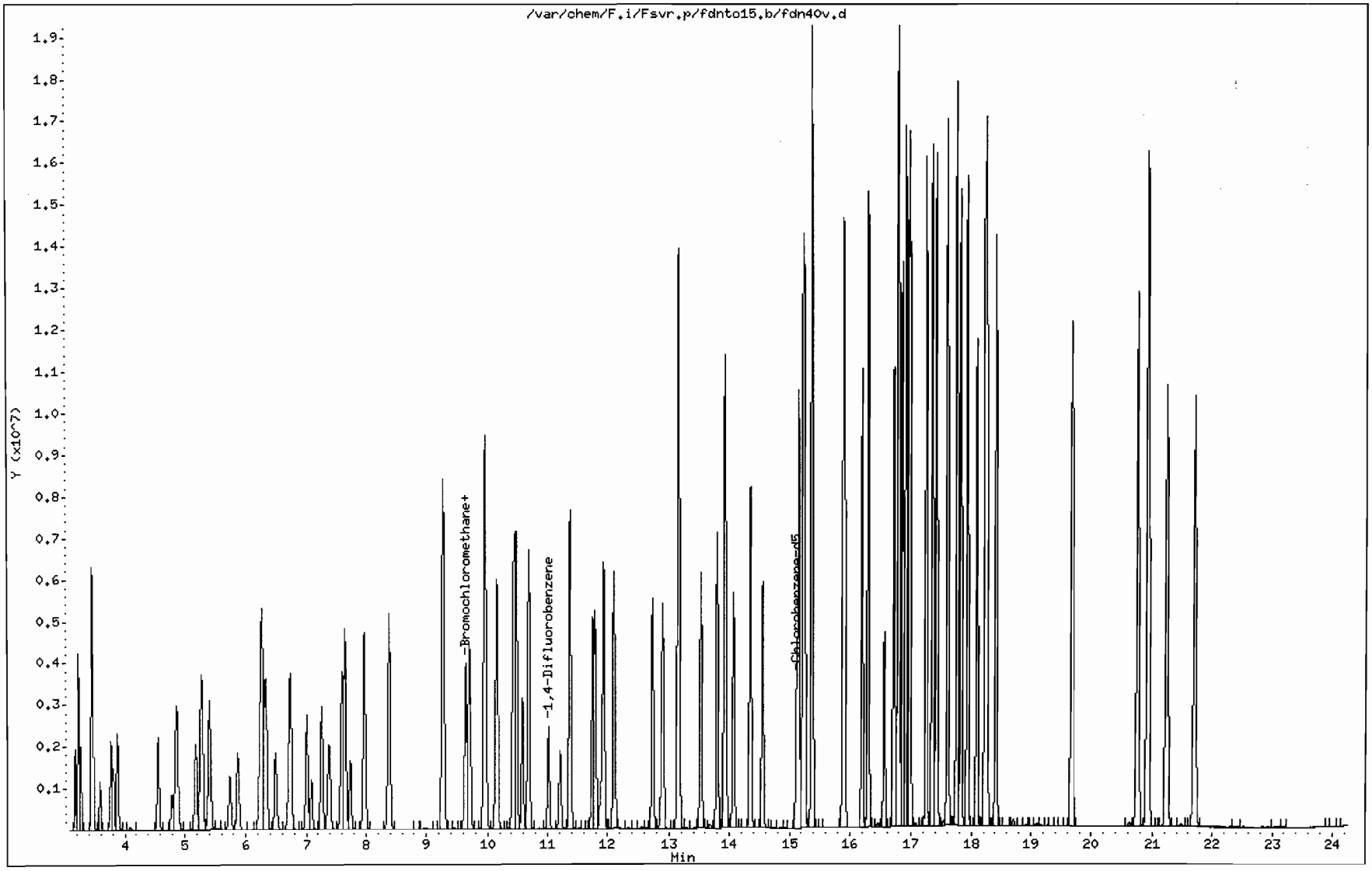
Sample Info: ic 021958

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 07-APR-2010 17:09
Operator : wrd Inst ID: F.i
Smp Info : ic 021958
Misc Info : ASTD040;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	904747	40.0000	34
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	4110440	40.0000	34
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	2163372	40.0000	34
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	4227578	40.0000	33
5	Chloromethane	50	3.584	3.584	(0.372)	1305208	40.0000	34
6	Butane	43	3.772	3.766	(0.392)	2322666	40.0000	34
7	Vinyl chloride	62	3.809	3.809	(0.396)	1758485	40.0000	35
8	Butadiene	54	3.879	3.879	(0.403)	1335317	40.0000	35
9	Bromomethane	94	4.563	4.563	(0.474)	2083246	40.0000	36
10	Chloroethane	64	4.793	4.788	(0.498)	1123766	40.0000	37
11	2-Methylbutane	43	4.868	4.868	(0.506)	2281094	40.0000	35
12	Vinyl bromide	106	5.184	5.179	(0.539)	2214173	40.0000	37
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	5718122	40.0000	36
14	Pentane	43	5.409	5.403	(0.562)	3399354	40.0000	35
15	Ethanol	45	5.735	5.730	(0.596)	2195665	100.000	95

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.609)	1664050	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.650)	4309459	40.0000	38
	18 Acrolein	56	6.216	6.216	(0.646)	913673	40.0000	37
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	2066948	40.0000	38
	20 Acetone	43	6.489	6.489	(0.674)	3273240	40.0000	35
	21 Carbon disulfide	76	6.735	6.730	(0.700)	6490571	40.0000	38
	22 Isopropyl alcohol	45	6.703	6.693	(0.696)	2601631	40.0000	36
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	2713009	40.0000	37
	24 Acetonitrile	41	7.083	7.078	(0.736)	1659384	40.0000	37
	25 Methylene chloride	49	7.254	7.254	(0.754)	2347803	40.0000	35
	26 2-Methyl-2-propanol	59	7.377	7.372	(0.767)	4063835	40.0000	38
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.789)	6641655	40.0000	38
	28 trans-1,2-Dichloroethene	61	7.650	7.645	(0.795)	3417481	40.0000	37
	29 Acrylonitrile	53	7.736	7.730	(0.804)	1679146	40.0000	38
	30 Hexane	57	7.971	7.966	(0.828)	3567642	40.0000	36
	31 1,1-Dichloroethane	63	8.378	8.372	(0.870)	4115655	40.0000	37
	32 Vinyl acetate	43	8.394	8.388	(0.872)	5560478	40.0000	36
M	33 1,2-Dichloroethene,Total	61				5833151	80.0000	74
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.962)	2415670	40.0000	38
	35 Ethyl acetate	88	9.276	9.271	(0.964)	212297	40.0000	38
	36 2-Butanone(MEK)	72	9.266	9.260	(0.963)	1114613	40.0000	36(Q)
*	37 Bromochloromethane	128	9.624	9.619	(1.000)	559323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	2408261	40.0000	37
	39 Chloroform	83	9.699	9.694	(1.008)	4808470	40.0000	37
	40 Cyclohexane	84	9.956	9.956	(0.904)	3279964	40.0000	39
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	5022856	40.0000	39
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	5553161	40.0000	41(A)
	43 Isooctane	57	10.432	10.432	(0.947)	10848582	40.0000	37
	44 Benzene	78	10.475	10.475	(0.951)	7023898	40.0000	38
	45 1,2-Dichloroethane	62	10.576	10.571	(0.960)	3270399	40.0000	38
	46 n-Heptane	43	10.683	10.678	(0.970)	3908105	40.0000	36
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2617478	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	1483077	40.0000	42(A)
	49 Trichloroethene	95	11.374	11.373	(1.033)	3255758	40.0000	39
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	2625479	40.0000	38
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	2701090	40.0000	40
	52 Dibromomethane	174	11.930	11.930	(1.083)	3353385	40.0000	42(A)
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	1039828	40.0000	38
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	5401760	40.0000	40
	55 cis-1,3-Dichloropropene	75	12.732	12.727	(1.156)	4304364	40.0000	40
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.170)	5062934	40.0000	37
	57 n-Octane	43	13.144	13.144	(1.193)	4641650	40.0000	32
	58 Toluene	92	13.160	13.160	(0.871)	5057702	40.0000	38
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	4570105	40.0000	40(A)
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	2632924	40.0000	40
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	5021679	40.0000	43(A)
	62 2-Hexanone	43	14.064	14.064	(0.931)	4980642	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.348	14.343	(0.949)	6060180	40.0000	43 (A)
	64 Ethylene Dibromide	107	14.551	14.546	(0.963)	5127664	40.0000	41 (A)
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2482119	10.0000	
	66 Chlorobenzene	112	15.156	15.150	(1.003)	7676263	40.0000	41 (A)
	67 n-Nonane	57	15.252	15.247	(1.009)	4635956	40.0000	33
	68 Ethylbenzene	91	15.225	15.225	(1.007)	10888115	40.0000	37
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	8674179	80.0000	72
M	70 Xylenes, Total	106				13319851	40.0000	110
	71 o-Xylene	106	15.889	15.883	(1.051)	4645672	40.0000	39
	72 Styrene	104	15.910	15.910	(1.053)	7370565	40.0000	40
	73 Bromoform	173	16.199	16.199	(1.072)	6578548	40.0000	45 (A)
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	13098853	40.0000	39
	76 1,1,2,2-Tetrachloroethane	83	16.713	16.707	(1.106)	6611291	40.0000	38
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	13682174	40.0000	34
	78 1,2,3-Trichloropropane	75	16.798	16.793	(1.111)	4672380	40.0000	34
	79 n-Decane	57	16.852	16.852	(1.115)	6115704	40.0000	34
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	13453605	40.0000	38
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	11808266	40.0000	37
	82 1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	11130226	40.0000	39
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	6464250	40.0000	42 (A)
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	11143216	40.0000	40
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	11443746	40.0000	39
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	15783515	40.0000	38
	87 4-Isopropyltoluene	119	17.756	17.750	(1.175)	14087614	40.0000	39
	88 1,3-Dichlorobenzene	146	17.825	17.820	(1.179)	8775403	40.0000	42 (A)
	89 1,4-Dichlorobenzene	146	17.938	17.932	(1.187)	8771340	40.0000	42 (A)
	90 Benzyl chloride	91	18.087	18.087	(1.197)	10660350	40.0000	42 (A)
	91 Undecane	57	18.227	18.221	(1.206)	6492917	40.0000	32
	92 n-Butylbenzene	91	18.259	18.253	(1.208)	11651574	40.0000	36
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	8308515	40.0000	42 (A)
	94 Dodecane	57	19.671	19.671	(1.302)	6732921	40.0000	34
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	7494777	40.0000	44 (A)
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	6581203	40.0000	43 (A)
	97 Naphthalene	128	21.233	21.233	(1.405)	15214475	40.0000	42 (A)
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	6602532	40.0000	42 (A)

QC Flag Legend

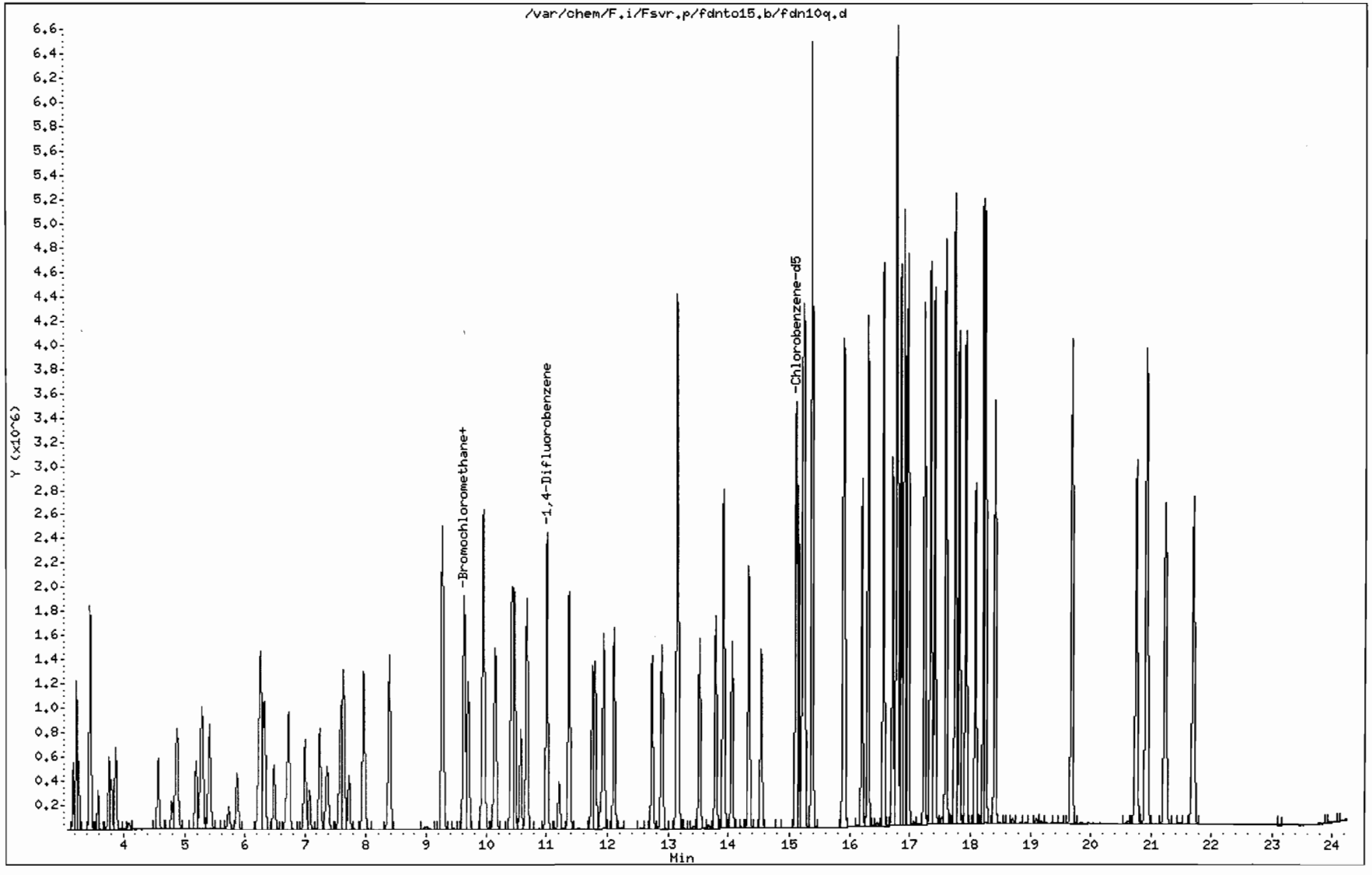
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Date : 07-APR-2010 18:50
Client ID: FA040710ICV
Sample Info: icv 21407
Purge Volume: 200.0
Column phase: RTX-624

Page 7

Instrument: F.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Inj Date : 07-APR-2010 18:50
Operator : wrd Inst ID: F.i
Smp Info : icv 21407
Misc Info : ICV;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	248586	9.79100	9.8
2 Dichlorodifluoromethane	85	3.231	3.226	(0.336)	1165594	10.0951	10
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	596369	9.71338	9.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1233160	10.0374	10
5 Chloromethane	50	3.584	3.584	(0.373)	358619	9.85120	9.9
6 Butane	43	3.772	3.766	(0.392)	640229	9.80295	9.8
7 Vinyl chloride	62	3.809	3.809	(0.396)	488070	10.2624	10
8 Butadiene	54	3.879	3.879	(0.403)	380216	10.3414	10
9 Bromomethane	94	4.563	4.563	(0.474)	543092	9.93933	9.9
10 Chloroethane	64	4.788	4.788	(0.498)	295055	10.0219	10
11 2-Methylbutane	43	4.868	4.868	(0.506)	618955	9.82875	9.8
12 Vinyl bromide	106	5.179	5.179	(0.538)	590214	10.4370	10
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	1518045	10.1039	10
14 Pentane	43	5.403	5.403	(0.562)	919478	10.0017	10
15 Ethanol	45	5.730	5.730	(0.596)	286639	13.0102	13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	417836	9.74998	9.7
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1199913	11.1330	11
	18 Acrolein	56	6.222	6.216	(0.647)	194739	8.30189	8.3
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	582602	11.2919	11
	20 Acetone	43	6.489	6.489	(0.675)	947461	10.6328	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1737777	10.5761	11
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	647193	9.46986	9.5
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	720329	10.2518	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	438938	10.1370	10
	25 Methylene chloride	49	7.249	7.254	(0.754)	676057	10.6522	11
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	997069	9.63424	9.6
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.790)	1730652	10.3130	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	912167	10.2067	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	443079	10.3560	10
	30 Hexane	57	7.966	7.966	(0.828)	959063	10.1310	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	1104128	10.2343	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1488130	10.1067	10
M	33 1,2-Dichloroethene,Total	61				1556943	20.7242	21
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	644776	10.5176	11
	35 Ethyl acetate	88	9.271	9.271	(0.964)	53877	10.1813	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	308537	10.4877	10(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	535323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	647954	10.0914	10
	39 Chloroform	83	9.694	9.694	(1.008)	1252128	10.1244	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	859643	10.3494	10
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1297129	10.1014	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	1378723	10.1512	10
	43 Isooctane	57	10.432	10.432	(0.948)	3004130	10.2870	10
	44 Benzene	78	10.469	10.475	(0.951)	1848759	10.0936	10
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	856907	10.0663	10
	46 n-Heptane	43	10.678	10.678	(0.970)	1096461	10.0565	10
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2607499	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	299013	8.47284	8.5
	49 Trichloroethene	95	11.373	11.373	(1.033)	829844	10.0668	10
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	681459	9.93326	9.9
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	680610	10.0111	10
	52 Dibromomethane	174	11.930	11.930	(1.084)	800264	10.0884	10
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	238947	8.83699	8.8
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1416105	10.4554	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	1072577	9.95026	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	1392227	10.2788	10
	57 n-Octane	43	13.144	13.144	(1.194)	1480606	10.1643	10
	58 Toluene	92	13.155	13.160	(0.870)	1374636	10.3630	10
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	1129455	9.98630	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	637643	9.71977	9.7
	61 Tetrachloroethene	166	13.920	13.925	(0.921)	1165126	10.0707	10
	62 2-Hexanone	43	14.064	14.064	(0.931)	1344599	10.4549	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1500313	10.9001	11
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1248222	10.1146	10
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2446135	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1867970	10.0098	10
	67 n-Nonane	57	15.247	15.247	(1.009)	1454545	10.4410	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2993086	10.2866	10
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	2445906	20.6801	21
M	70 Xylenes, Total	106				3634330	31.1547	31
	71 o-Xylene	106	15.883	15.883	(1.051)	1188424	10.1876	10
	72 Styrene	104	15.910	15.910	(1.053)	1870455	10.2353	10
	73 Bromoform	173	16.199	16.199	(1.072)	1602107	11.0946	11
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3451365	10.4169	10
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1734505	10.0217	10
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	4169630	10.6310	11
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1432857	10.6313	11
	79 n-Decane	57	16.852	16.852	(1.115)	1883991	10.5721	11
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3651339	10.5964	11
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	3282394	10.5308	11
	82 1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	2906024	10.2145	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1572115	10.4576	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2887795	10.5112	11
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2897843	10.0606	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	4283502	10.5465	11
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3737005	10.6209	11
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	2053586	9.98228	10
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	2054690	10.0262	10
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2463743	9.93943	9.9
	91 Undecane	57	18.221	18.221	(1.206)	2147572	10.7959	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3346134	10.5963	11
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1902048	9.81496	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	2081978	10.5170	11
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1646531	9.81356	9.8
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1471737	9.74844	9.7
	97 Naphthalene	128	21.233	21.233	(1.405)	3692345	10.3530	10
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	1626641	10.5633	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: fdnto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Level: LOW Operator: wrd
Data Type: MS DATA SampleType: METHSPIKE
SpikeList File: all.spk Quant Type: ISTD
Sublist File: full.sub
Method File: /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Misc Info: ICV;040710FA;1;200

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1	Propene	10	9.8	97.91	70-130
2	Dichlorodifluorome	10	10	100.95	70-130
3	Chlorodifluorometh	10	9.7	97.13	70-130
4	1,2-Dichloro-1,1,2	10	10	100.37	70-130
5	Chloromethane	10	9.9	98.51	70-130
6	Butane	10	9.8	98.03	70-130
7	Vinyl chloride	10	10	102.62	70-130
8	Butadiene	10	10	103.41	70-130
9	Bromomethane	10	9.9	99.39	70-130
10	Chloroethane	10	10	100.22	70-130
11	2-Methylbutane	10	9.8	98.29	70-130
12	Vinyl bromide	10	10	104.37	70-130
13	Trichlorofluoromet	10	10	101.04	70-130
14	Pentane	10	10	100.02	70-130
15	Ethanol	15	13	86.73	70-130
16	Ethyl ether	10	9.7	97.50	70-130
18	Acrolein	10	8.3	83.02	70-130
17	1,1,2-Trichloro-1,	10	11	111.33	70-130
19	1,1-Dichloroethene	10	11	112.92	70-130
20	Acetone	10	11	106.33	70-130
22	Isopropyl alcohol	10	9.5	94.70	70-130
21	Carbon disulfide	10	11	105.76	70-130
23	3-Chloro-1-propene	10	10	102.52	70-130
24	Acetonitrile	10	10	101.37	70-130
25	Methylene chloride	10	11	106.52	70-130
26	2-Methyl-2-propano	10	9.6	96.34	70-130
27	Methyl tert-butyl	10	10	103.13	70-130
28	trans-1,2-Dichloro	10	10	102.07	70-130
29	Acrylonitrile	10	10	103.56	70-130
30	Hexane	10	10	101.31	70-130
32	Vinyl acetate	10	10	101.07	70-130
31	1,1-Dichloroethane	10	10	102.34	70-130
36	2-Butanone(MEK)	10	10	104.88	70-130

	SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35	Ethyl acetate	10	10	101.81	70-130
	34	cis-1,2-Dichloroet	10	11	105.18	70-130
M	33	1,2-Dichloroethene	20	21	105.00	70-130
	39	Chloroform	10	10	101.24	70-130
	38	Tetrahydrofuran	10	10	100.91	70-130
	41	1,1,1-Trichloroeth	10	10	101.01	70-130
	40	Cyclohexane	10	10	103.49	70-130
	42	Carbon tetrachlori	10	10	101.51	70-130
	43	Isooctane	10	10	102.87	70-130
	44	Benzene	10	10	100.94	70-130
	45	1,2-Dichloroethane	10	10	100.66	70-130
	46	n-Heptane	10	10	100.57	70-130
	48	n-Butanol	10	8.5	84.73	70-130
	49	Trichloroethene	10	10	100.67	70-130
	51	Methyl methacrylat	10	10	100.11	70-130
	50	1,2-Dichloropropan	10	9.9	99.33	70-130
	53	1,4-Dioxane	10	8.8	88.37	70-130
	52	Dibromomethane	10	10	100.88	70-130
	54	Dichlorobromometha	10	10	104.55	70-130
	55	cis-1,3-Dichloropr	10	10	99.50	70-130
	56	4-Methyl-2-pentano	10	10	102.79	70-130
	57	n-Octane	10	10	101.64	70-130
	58	Toluene	10	10	103.63	70-130
	59	trans-1,3-Dichloro	10	10	99.86	70-130
	60	1,1,2-Trichloroeth	10	9.7	97.20	70-130
	61	Tetrachloroethene	10	10	100.71	70-130
	62	2-Hexanone	10	10	104.55	70-130
	63	Chlorodibromometha	10	11	109.00	70-130
	64	Ethylene Dibromide	10	10	101.15	70-130
	67	n-Nonane	10	10	104.41	70-130
	66	Chlorobenzene	10	10	100.10	70-130
	68	Ethylbenzene	10	10	102.87	70-130
	69	Xylene (m,p)	20	21	103.40	70-130
	71	o-Xylene	10	10	101.88	70-130
M	70	Xylenes, Total	30	31	103.85	70-130
	72	Styrene	10	10	102.35	70-130
	73	Bromoform	10	11	110.95	70-130
	74	Isopropylbenzene	10	10	104.17	70-130
	76	1,1,2,2-Tetrachlor	10	10	100.22	70-130
	79	n-Decane	10	11	105.72	70-130
	77	n-Propylbenzene	10	11	106.31	70-130
	78	1,2,3-Trichloropro	10	11	106.31	70-130
	80	4-Ethyltoluene	10	11	105.96	70-130
	82	1,3,5-Trimethylben	10	10	102.14	70-130
	81	2-Chlorotoluene	10	11	105.31	70-130
	83	Alpha Methyl Styre	10	10	104.58	70-130
	84	tert-butylbenzene	10	11	105.11	70-130

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
85 1,2,4-Trimethylben	10	10	100.61	70-130
86 sec-Butylbenzene	10	11	105.47	70-130
87 4-Isopropyltoluene	10	11	106.21	70-130
88 1,3-Dichlorobenzen	10	10	99.82	70-130
89 1,4-Dichlorobenzen	10	10	100.26	70-130
91 Undecane	10	11	107.96	70-130
90 Benzyl chloride	10	9.9	99.39	70-130
92 n-Butylbenzene	10	11	105.96	70-130
93 1,2-Dichlorobenzen	10	9.8	98.15	70-130
94 Dodecane	10	11	105.17	70-130
95 1,2,4-Trichloroben	10	9.8	98.14	70-130
96 Hexachlorobutadien	10	9.7	97.48	70-130
97 Naphthalene	10	10	103.53	70-130
98 1,2,3-Trichloroben	10	11	105.63	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date: 06/03/10 Time: 1030

Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.257	0.01	4.6	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.243	0.01	2.3	30.0
Chloromethane	0.680	0.528	0.01	22.4	30.0
Vinyl Chloride	0.888	0.732	0.01	17.6	30.0
1,3-Butadiene	0.687	0.548	0.01	20.2	30.0
Bromomethane	1.021	1.014	0.01	0.7	30.0
Chloroethane	0.550	0.464	0.01	15.6	30.0
Bromoethene	1.056	1.057	0.01	0.1	30.0
Trichlorofluoromethane	2.806	3.013	0.01	7.4	30.0
Freon TF	2.013	2.064	0.01	2.5	30.0
1,1-Dichloroethene	0.964	0.965	0.01	0.1	30.0
Acetone	1.664	1.527	0.01	8.2	30.0
Isopropyl Alcohol	1.277	1.045	0.01	18.2	30.0
Carbon disulfide	3.069	2.992	0.01	2.5	30.0
3-Chloropropene	1.312	1.069	0.01	18.5	30.0
Methylene chloride	1.185	0.982	0.01	17.1	30.0
tert-Butyl Alcohol	1.933	1.759	0.01	9.0	30.0
Methyl tert-Butyl Ether	3.135	3.003	0.01	4.2	30.0
trans-1,2-Dichloroethene	1.669	1.502	0.01	10.0	30.0
n-Hexane	1.768	1.488	0.01	15.8	30.0
1,1-Dichloroethane	2.015	1.817	0.1	9.8	30.0
Methyl Ethyl Ketone	0.550	0.493	0.01	10.4	30.0
cis-1,2-Dichloroethene	1.145	1.104	0.01	3.6	30.0
1,2-Dichloroethene,Total	1.407	1.303	0.01	7.4	30.0
Chloroform	2.310	2.339	0.01	1.2	30.0
Tetrahydrofuran	0.246	0.194	0.01	21.1	30.0
1,1,1-Trichloroethane	0.492	0.531	0.01	7.9	30.0
Cyclohexane	0.318	0.294	0.01	7.5	30.0
Carbon tetrachloride	0.521	0.573	0.01	10.0	30.0
2,2,4-Trimethylpentane	1.120	0.952	0.01	15.0	30.0
Benzene	0.702	0.651	0.01	7.3	30.0
1,2-Dichloroethane	0.326	0.313	0.01	4.0	30.0
n-Heptane	0.418	0.329	0.01	21.3	30.0
Trichloroethene	0.316	0.313	0.01	0.9	30.0
1,2-Dichloropropane	0.263	0.229	0.01	12.9	30.0
1,4-Dioxane	0.103	0.095	0.01	7.8	30.0
Bromodichloromethane	0.519	0.534	0.01	2.9	30.0

FORM VII VOA

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date: 06/03/10 Time: 1030

Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

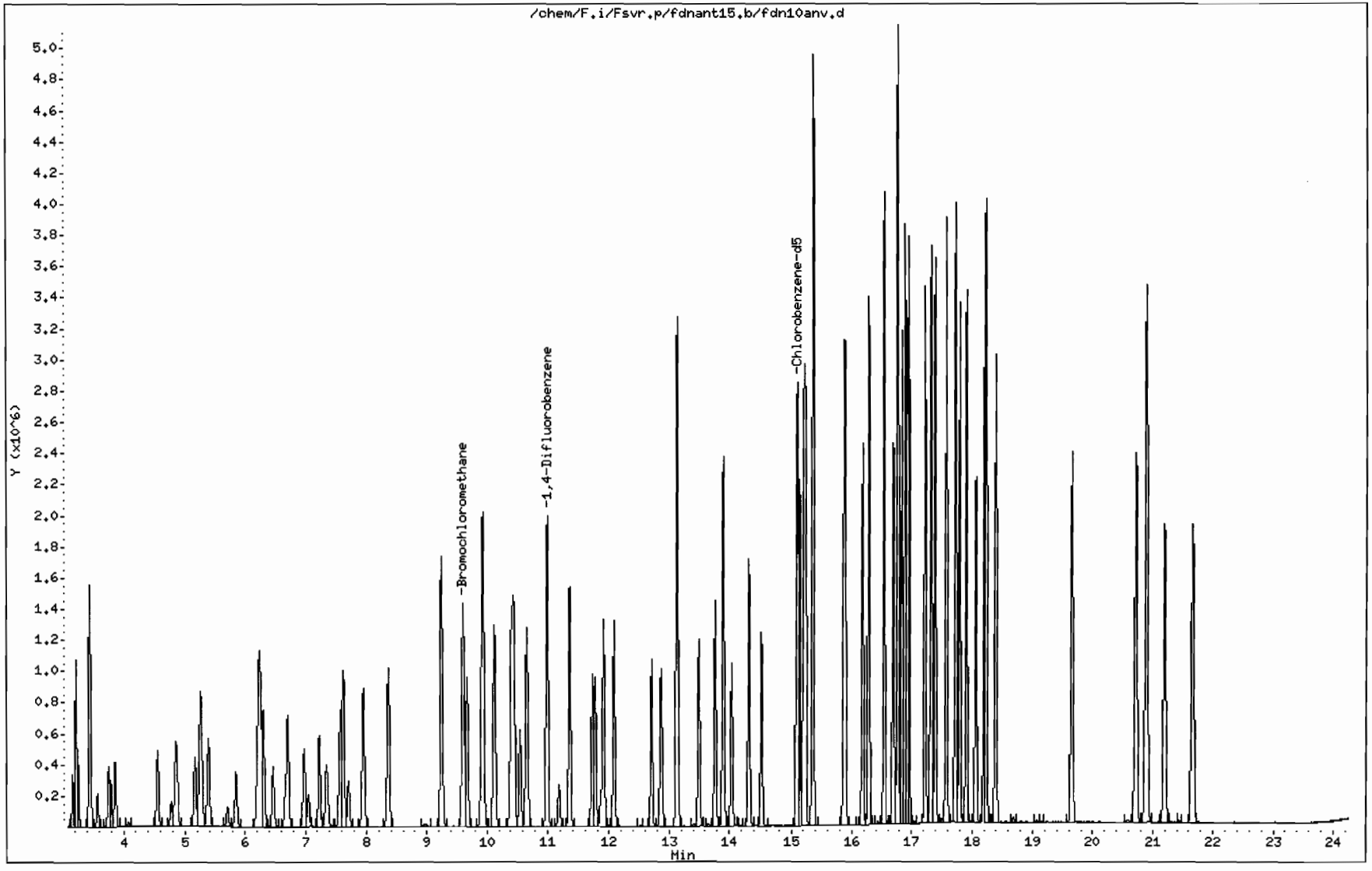
GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.385	0.01	6.8	30.0
Methyl Isobutyl Ketone	0.519	0.418	0.01	19.5	30.0
Toluene	0.542	0.513	0.01	5.4	30.0
trans-1,3-Dichloropropene	0.434	0.416	0.01	4.1	30.0
1,1,2-Trichloroethane	0.268	0.254	0.01	5.2	30.0
Tetrachloroethene	0.473	0.491	0.01	3.8	30.0
Methyl Butyl Ketone	0.526	0.422	0.01	19.8	30.0
Dibromochloromethane	0.562	0.596	0.01	6.0	30.0
1,2-Dibromoethane	0.504	0.511	0.01	1.4	30.0
Chlorobenzene	0.763	0.727	0.3	4.7	30.0
Ethylbenzene	1.189	1.164	0.01	2.1	30.0
Xylene (m,p)	0.484	0.464	0.01	4.1	30.0
Xylene (o)	0.477	0.460	0.01	3.6	30.0
Xylenes, Total	0.477	0.460	0.01	3.6	30.0
Styrene	0.747	0.708	0.01	5.2	30.0
Bromoform	0.590	0.670	0.01	13.6	30.0
1,1,2,2-Tetrachloroethane	0.708	0.675	0.01	4.7	30.0
4-Ethyltoluene	1.409	1.405	0.01	0.3	30.0
1,3,5-Trimethylbenzene	1.163	1.169	0.01	0.5	30.0
2-Chlorotoluene	1.274	1.271	0.01	0.2	30.0
1,2,4-Trimethylbenzene	1.178	1.181	0.01	0.2	30.0
1,3-Dichlorobenzene	0.841	0.868	0.01	3.2	30.0
1,4-Dichlorobenzene	0.838	0.876	0.01	4.5	30.0
1,2-Dichlorobenzene	0.792	0.834	0.01	5.3	30.0
1,2,4-Trichlorobenzene	0.686	0.658	0.01	4.1	30.0
Hexachlorobutadiene	0.617	0.650	0.01	5.3	30.0

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn10anv.d
Date : 03-JUN-2010 10:30
Client ID: ASTD010
Sample Info: ccvis 026276
Purge Volume: 200.0
Column phase: RTX-624

Page 6

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/fdn10anv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 03-JUN-2010 10:30
Operator : WRD Inst ID: F.i
Smp Info : ccvis 026276
Misc Info : ASTD010;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
2 Dichlorodifluoromethane	85	3.221	3.226	(0.336)	999139	10.0000	10
4 1,2-Dichlorotetrafluoroethane	85	3.445	3.456	(0.359)	993110	10.0000	9.8
5 Chloromethane	50	3.574	3.584	(0.372)	233791	10.0000	7.8
7 Vinyl Chloride	62	3.798	3.809	(0.396)	323976	10.0000	8.2
8 1,3-Butadiene	54	3.868	3.879	(0.403)	242546	10.0000	8.0
9 Bromomethane	94	4.547	4.563	(0.474)	449006	10.0000	9.9
10 Chloroethane	64	4.772	4.788	(0.497)	205382	10.0000	8.4
12 Bromoethene	106	5.163	5.179	(0.538)	467984	10.0000	10
13 Trichlorofluoromethane	101	5.253	5.275	(0.547)	1333864	10.0000	11
17 Freon TF	101	6.238	6.259	(0.650)	913899	10.0000	10
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	427098	10.0000	10
20 Acetone	43	6.463	6.489	(0.673)	676062	10.0000	9.2
22 Isopropyl Alcohol	45	6.671	6.693	(0.695)	462810	10.0000	8.2
21 Carbon disulfide	76	6.714	6.730	(0.700)	1324541	10.0000	9.7
23 3-Chloropropene	41	6.976	7.003	(0.727)	473259	10.0000	8.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	25 Methylene chloride	49	7.228	7.254	(0.753)	434824	10.0000	8.3
	26 tert-Butyl Alcohol	59	7.351	7.372	(0.766)	778673	10.0000	9.1
	27 Methyl tert-Butyl Ether	73	7.575	7.602	(0.789)	1329347	10.0000	9.6
	28 trans-1,2-Dichloroethene	61	7.623	7.645	(0.794)	664856	10.0000	9.0
	30 n-Hexane	57	7.944	7.966	(0.828)	658802	10.0000	8.4
	31 1,1-Dichloroethane	63	8.351	8.372	(0.870)	804453	10.0000	9.0
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.962)	218397	10.0000	9.0(Q)
	34 cis-1,2-Dichloroethene	96	9.234	9.260	(0.962)	488976	10.0000	9.6
M	33 1,2-Dichloroethene,Total	61				1153832	20.0000	19
*	37 Bromochloromethane	128	9.597	9.619	(1.000)	442712	10.0000	(Q)
	39 Chloroform	83	9.672	9.694	(1.008)	1035574	10.0000	10
	38 Tetrahydrofuran	42	9.619	9.640	(0.875)	414149	10.0000	7.9
	41 1,1,1-Trichloroethane	97	9.924	9.950	(0.903)	1132460	10.0000	11
	40 Cyclohexane	84	9.934	9.956	(0.904)	626372	10.0000	9.2
	42 Carbon tetrachloride	117	10.127	10.148	(0.922)	1221479	10.0000	11
	43 2,2,4-Trimethylpentane	57	10.411	10.432	(0.947)	2030231	10.0000	8.5
	44 Benzene	78	10.448	10.475	(0.951)	1387350	10.0000	9.3
	45 1,2-Dichloroethane	62	10.550	10.571	(0.960)	668225	10.0000	9.6
	46 n-Heptane	43	10.657	10.678	(0.970)	702184	10.0000	7.9
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2131855	10.0000	
	49 Trichloroethene	95	11.352	11.373	(1.033)	668249	10.0000	9.9
	50 1,2-Dichloropropane	63	11.721	11.748	(1.067)	488586	10.0000	8.7
	53 1,4-Dioxane	88	11.855	11.882	(1.079)	203097	10.0000	9.2
	54 Bromodichloromethane	83	12.074	12.101	(1.099)	1138687	10.0000	10
	55 cis-1,3-Dichloropropene	75	12.706	12.727	(1.156)	820061	10.0000	9.3
	56 Methyl Isobutyl Ketone	43	12.861	12.887	(1.170)	890900	10.0000	8.0
	58 Toluene	92	13.134	13.160	(0.870)	1047765	10.0000	9.5
	59 trans-1,3-Dichloropropene	75	13.497	13.519	(1.228)	887517	10.0000	9.6
	60 1,1,2-Trichloroethane	83	13.765	13.792	(0.912)	518890	10.0000	9.5
	61 Tetrachloroethene	166	13.899	13.925	(0.921)	1003554	10.0000	10
	62 Methyl Butyl Ketone	43	14.038	14.064	(0.930)	862470	10.0000	8.0
	63 Dibromochloromethane	129	14.321	14.343	(0.949)	1216516	10.0000	11
	64 1,2-Dibromoethane	107	14.524	14.546	(0.962)	1044196	10.0000	10
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2042356	10.0000	
	66 Chlorobenzene	112	15.129	15.150	(1.002)	1484560	10.0000	9.5
	68 Ethylbenzene	91	15.204	15.225	(1.007)	2378276	10.0000	9.8
	69 Xylene (m,p)	106	15.354	15.375	(1.017)	1896608	20.0000	19
	71 Xylene (o)	106	15.862	15.883	(1.051)	939511	10.0000	9.6
M	70 Xylenes, Total	106				2836119	10.0000	29
	72 Styrene	104	15.889	15.910	(1.053)	1445335	10.0000	9.5
	73 Bromoform	173	16.178	16.199	(1.072)	1368725	10.0000	11
	76 1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1379030	10.0000	9.5
	80 4-Ethyltoluene	105	16.884	16.905	(1.119)	2869044	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.123)	2386735	10.0000	10
	81 2-Chlorotoluene	91	16.921	16.943	(1.121)	2596379	10.0000	10
	85 1,2,4-Trimethylbenzene	105	17.392	17.413	(1.152)	2412705	10.0000	10
	88 1,3-Dichlorobenzene	146	17.799	17.820	(1.179)	1772168	10.0000	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
89 1,4-Dichlorobenzene	146	17.911	17.932	(1.187)	1788142	10.0000	10
93 1,2-Dichlorobenzene	146	18.387	18.414	(1.218)	1702416	10.0000	11
95 1,2,4-Trichlorobenzene	180	20.719	20.752	(1.373)	1343421	10.0000	9.6
96 Hexachlorobutadiene	225	20.891	20.923	(1.384)	1326936	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Raw QC Data – TO-15 Volatile

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

Instrument: F.i

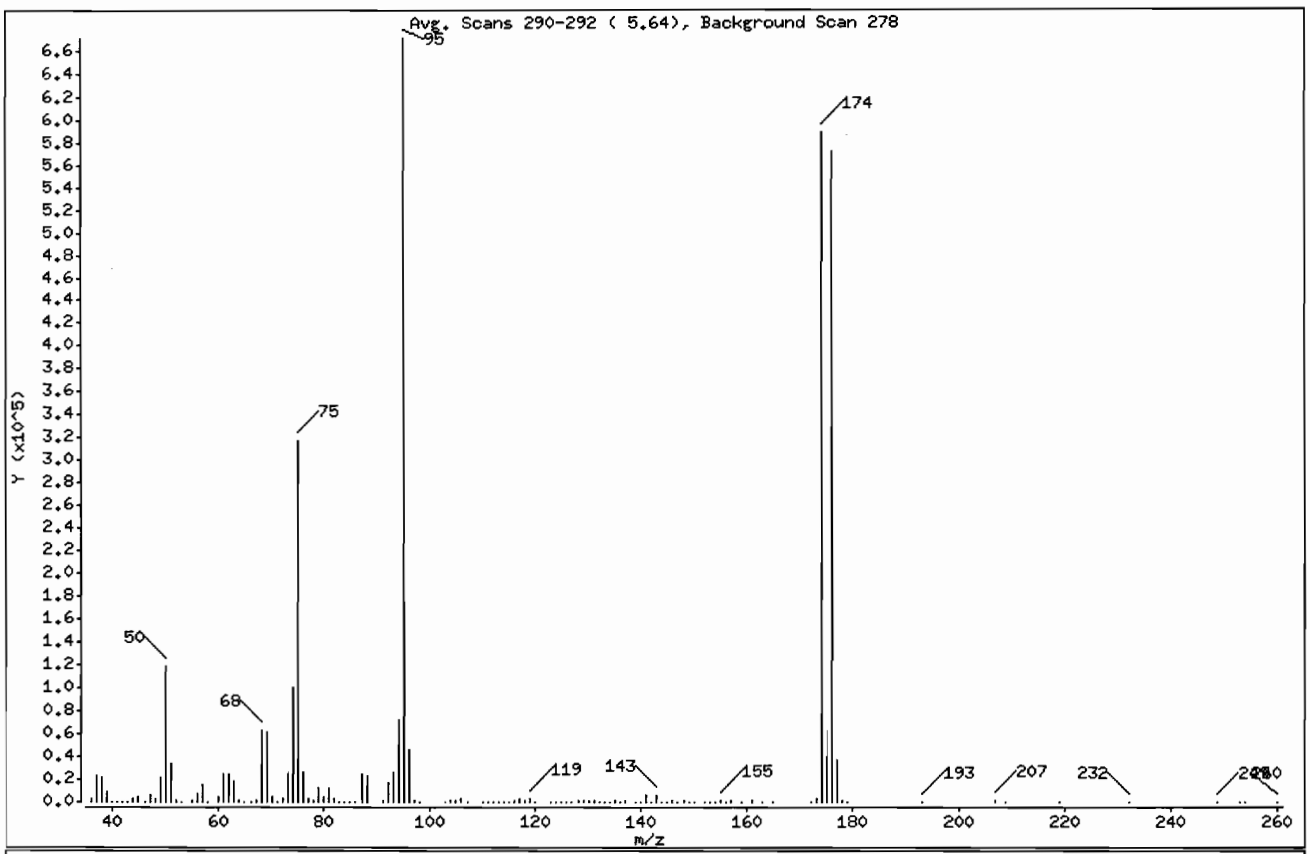
Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.62
75	30.00 - 66.00% of mass 95	47.44
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.46 (0.52)
174	50.00 - 120.00% of mass 95	87.89
175	4.00 - 9.00% of mass 174	6.08 (6.91)
176	93.00 - 101.00% of mass 174	85.33 (97.09)
177	5.00 - 9.00% of mass 176	5.53 (6.48)

Date : 07-APR-2010 09:19

Client ID: FBFB Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624 Column diameter: 0.32

Data File: fdn01pv.d
Spectrum: Avg. Scans 290-292 (5.64), Background Scan 278
Location of Maximum: 95.00
Number of points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3620	71.00	462	112.00	361	148.00	1630
37.00	22464	72.00	2733	113.00	453	149.00	493
38.00	20872	73.00	23928	114.00	209	150.00	672
39.00	8822	74.00	100760	115.00	747	152.00	212
40.00	104	75.00	318016	116.00	1927	153.00	513
41.00	77	76.00	26568	117.00	2778	154.00	422
42.00	32	77.00	3098	118.00	2186	155.00	1637
43.00	557	78.00	2190	119.00	2827	156.00	191
44.00	2385	79.00	11761	120.00	144	157.00	1133
45.00	4859	80.00	4154	123.00	166	159.00	684
46.00	300	81.00	12750	124.00	344	161.00	802
47.00	6727	82.00	2394	125.00	161	163.00	36
48.00	2984	83.00	306	126.00	331	165.00	145
49.00	21624	84.00	160	127.00	348	172.00	157
50.00	118120	85.00	259	128.00	2139	173.00	3075
51.00	34424	86.00	564	129.00	1067	174.00	589184
52.00	1412	87.00	24712	130.00	2214	175.00	40728
53.00	191	88.00	23840	131.00	1024	176.00	572032
55.00	1347	91.00	1667	132.00	68	177.00	37088
56.00	7387	92.00	16424	133.00	39	178.00	1062
57.00	15086	93.00	25512	134.00	269	179.00	82
58.00	708	94.00	72048	135.00	943	193.00	203
60.00	4720	95.00	670400	136.00	175	207.00	918
61.00	24832	96.00	45920	137.00	954	209.00	84
62.00	25216	97.00	1371	139.00	140	219.00	86
63.00	19152	98.00	70	140.00	408	232.00	175
64.00	1638	103.00	219	141.00	5406	249.00	253
65.00	240	104.00	2296	142.00	682	253.00	113
66.00	77	105.00	812	143.00	5878	254.00	72
67.00	1460	106.00	2318	144.00	371	260.00	114
68.00	63096	107.00	712	145.00	579		
69.00	62008	110.00	324	146.00	920		
70.00	4879	111.00	517	147.00	475		

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

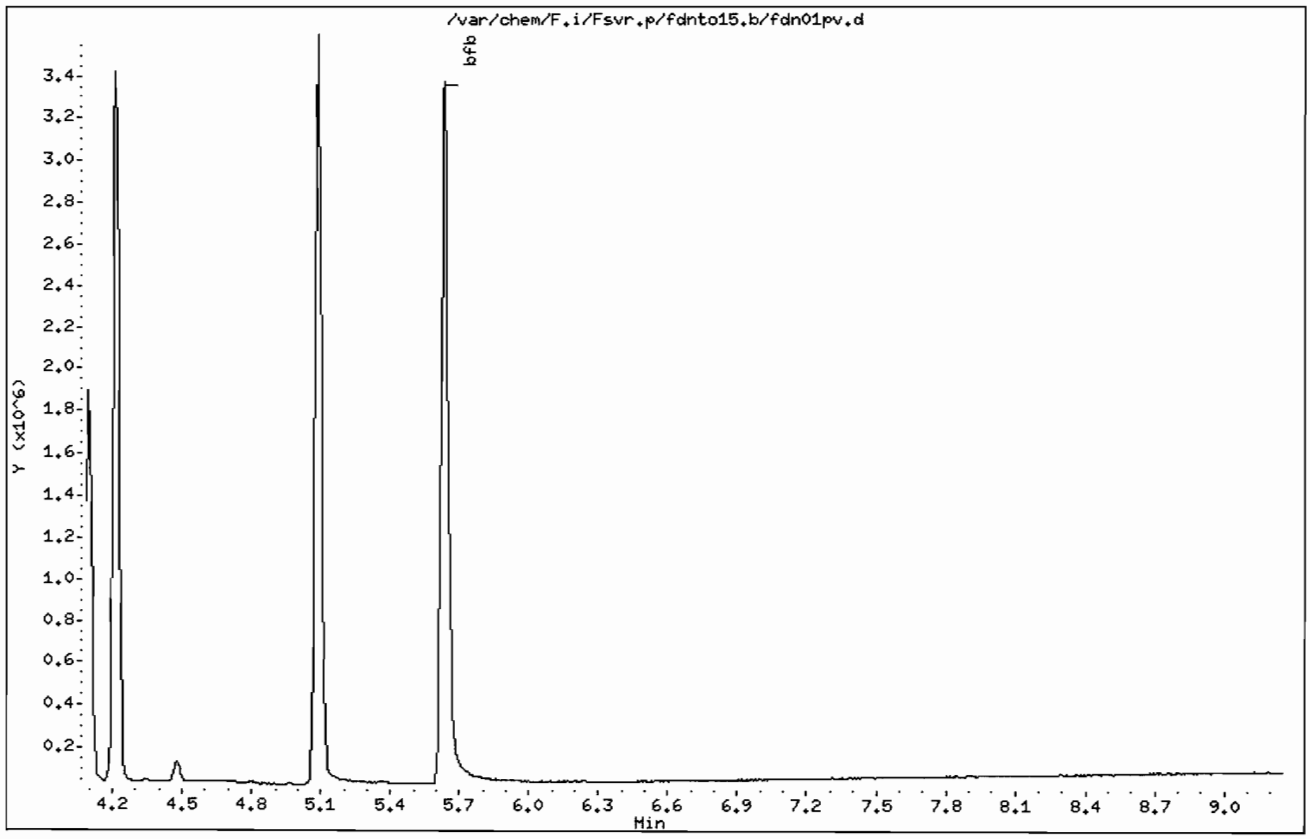
Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn41pv.d

Date : 03-JUN-2010 09:35

Client ID: BFB

Instrument: F.i

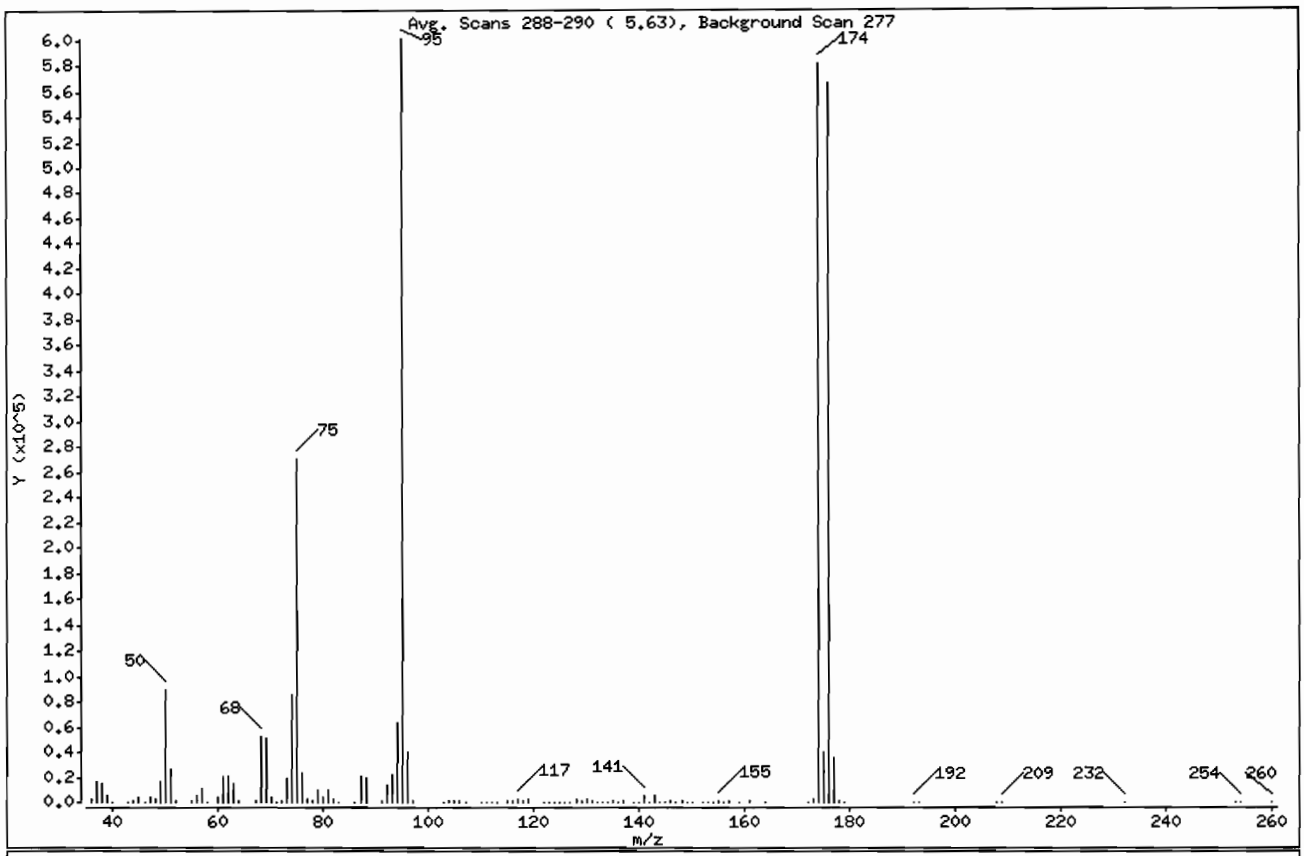
Sample Info: BFB

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.92
75	30.00 - 66.00% of mass 95	45.06
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.43 (0.44)
174	50.00 - 120.00% of mass 95	96.83
175	4.00 - 9.00% of mass 174	6.67 (6.89)
176	93.00 - 101.00% of mass 174	94.35 (97.43)
177	5.00 - 9.00% of mass 176	6.09 (6.46)

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn41pv.d

Date : 03-JUN-2010 09:35

Client ID: BFB

Instrument: F.i

Sample Info: BFB

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32

Data File: fdn41pv.d
Spectrum: Avg. Scans 288-290 (5.63), Background Scan 277
Location of Maximum: 95.00
Number of points: 118

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2704	73.00	19752	115.00	727	148.00	1545
37.00	16356	74.00	84992	116.00	1834	149.00	566
38.00	15064	75.00	270720	117.00	2516	150.00	662
39.00	6136	76.00	22808	118.00	1765	152.00	378
40.00	402	77.00	2957	119.00	2435	153.00	367
43.00	160	78.00	1730	122.00	162	154.00	388
44.00	1547	79.00	10107	123.00	176	155.00	1638
45.00	3562	80.00	4052	124.00	374	156.00	320
46.00	293	81.00	10047	125.00	82	157.00	1068
47.00	4357	82.00	2385	126.00	350	159.00	637
48.00	2416	83.00	336	127.00	66	161.00	808
49.00	17016	86.00	421	128.00	2084	164.00	70
50.00	89640	87.00	20824	129.00	1067	172.00	229
51.00	26408	88.00	19680	130.00	2114	173.00	2566
52.00	1205	91.00	1454	131.00	944	174.00	581824
55.00	957	92.00	14383	132.00	99	175.00	40056
56.00	5945	93.00	22536	133.00	99	176.00	566912
57.00	11677	94.00	63296	134.00	154	177.00	36592
58.00	411	95.00	600832	135.00	850	178.00	1138
60.00	3899	96.00	40592	136.00	156	179.00	71
61.00	19424	97.00	1375	137.00	847	192.00	266
62.00	20768	103.00	411	139.00	156	193.00	62
63.00	15675	104.00	2070	140.00	357	208.00	20
64.00	1496	105.00	827	141.00	5537	209.00	41
67.00	1217	106.00	2001	142.00	625	232.00	19
68.00	52808	107.00	607	143.00	5347	253.00	33
69.00	51480	110.00	296	144.00	306	254.00	185
70.00	4121	111.00	342	145.00	508	260.00	140
71.00	99	112.00	323	146.00	948		
72.00	2068	113.00	314	147.00	327		

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn41pv.d

Date : 03-JUN-2010 09:35

Client ID: BFB

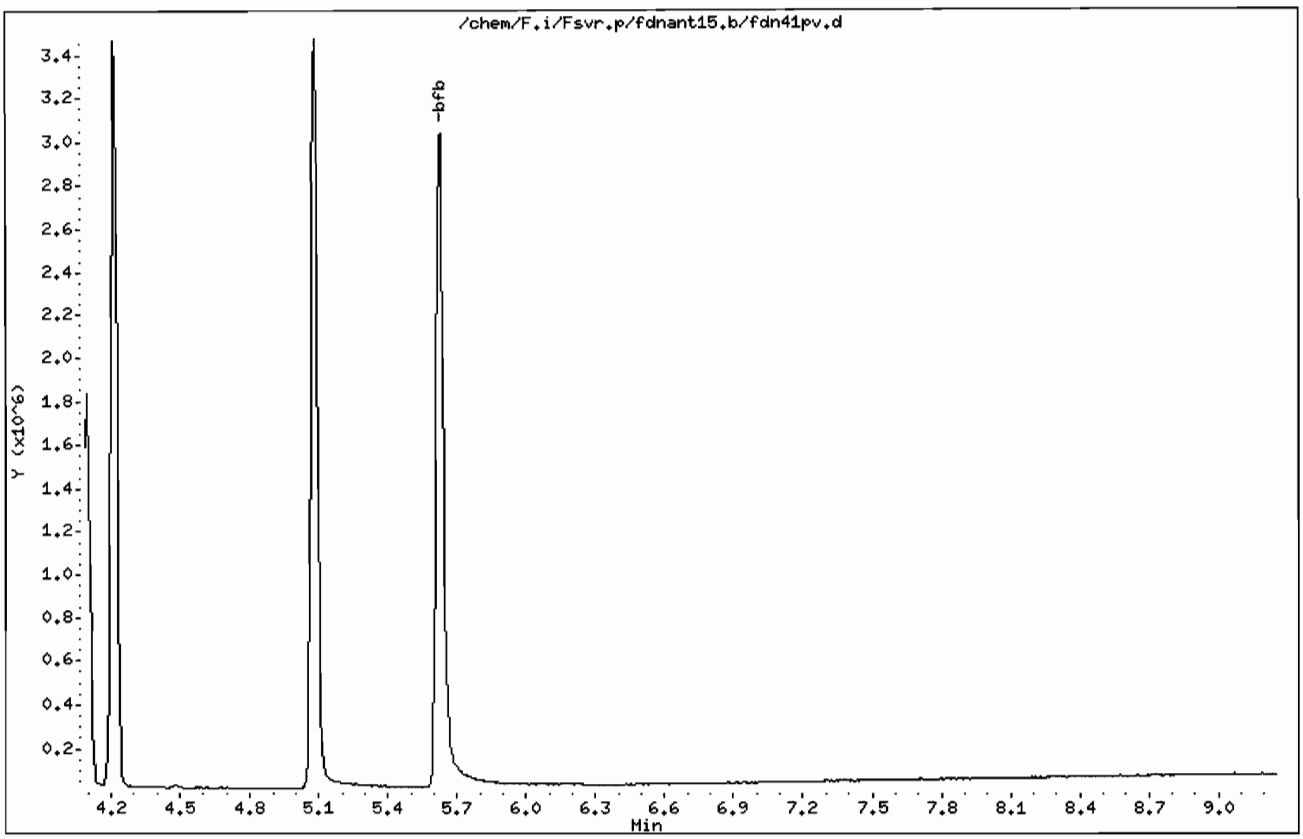
Instrument: F.i

Sample Info: BFB

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

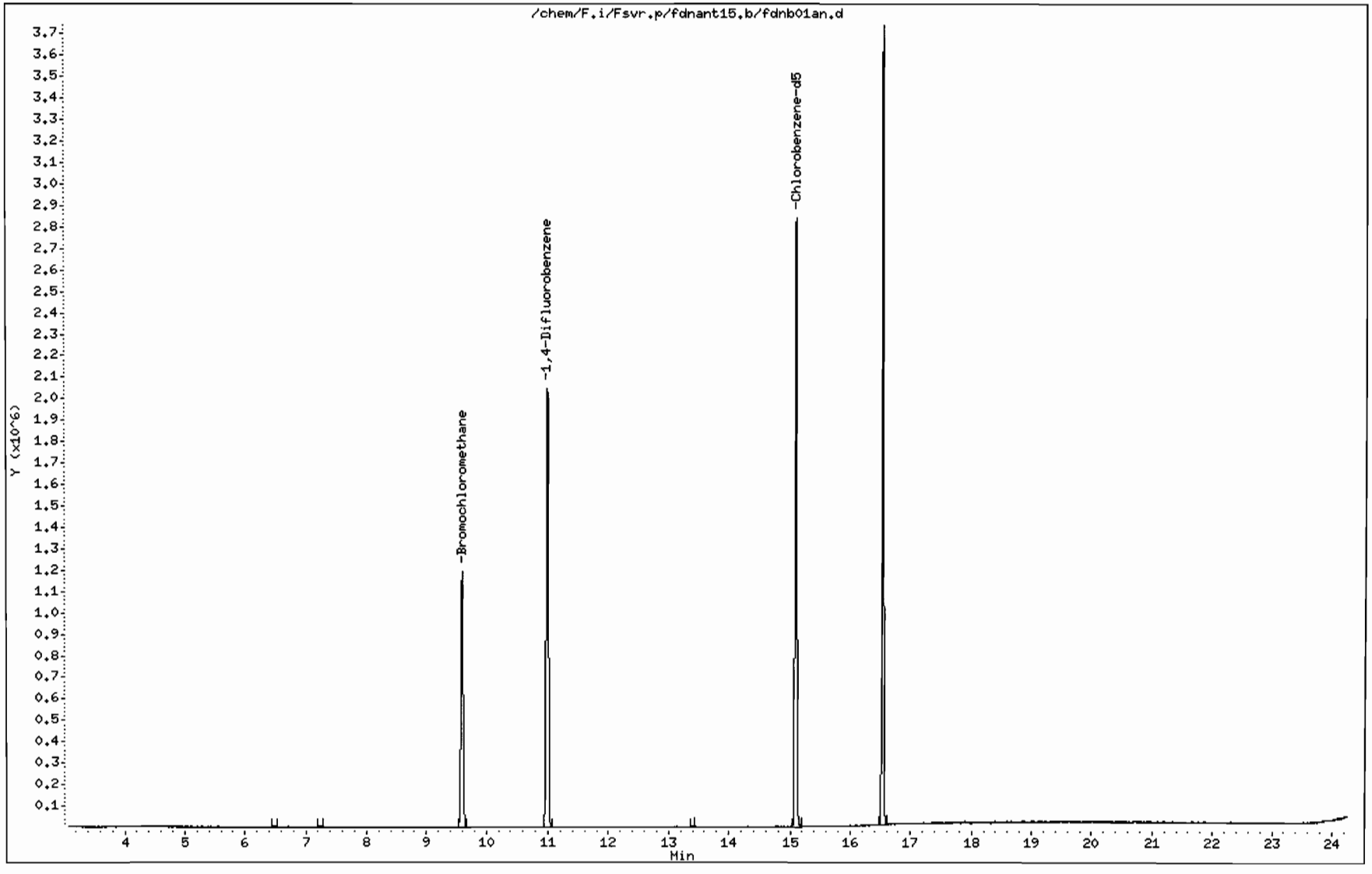
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdnb01an.d
Date : 03-JUN-2010 12:12
Client ID: MBLK060310FA
Sample Info: mb
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/fdnb01an.d
Lab Smp Id: MBLK060310FA Client Smp ID: MBLK060310FA
Inj Date : 03-JUN-2010 12:12
Operator : WRD Inst ID: F.i
Smp Info : mb
Misc Info : MBLK060310FA;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	474317	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2328940	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.091	15.113	(1.000)	2152030	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	10	
74-87-3	Chloromethane	7.8	
75-01-4	Vinyl Chloride	8.4	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.3	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.2	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.7	
71-43-2	Benzene	9.5	
107-06-2	1,2-Dichloroethane	9.8	
142-82-5	n-Heptane	8.0	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

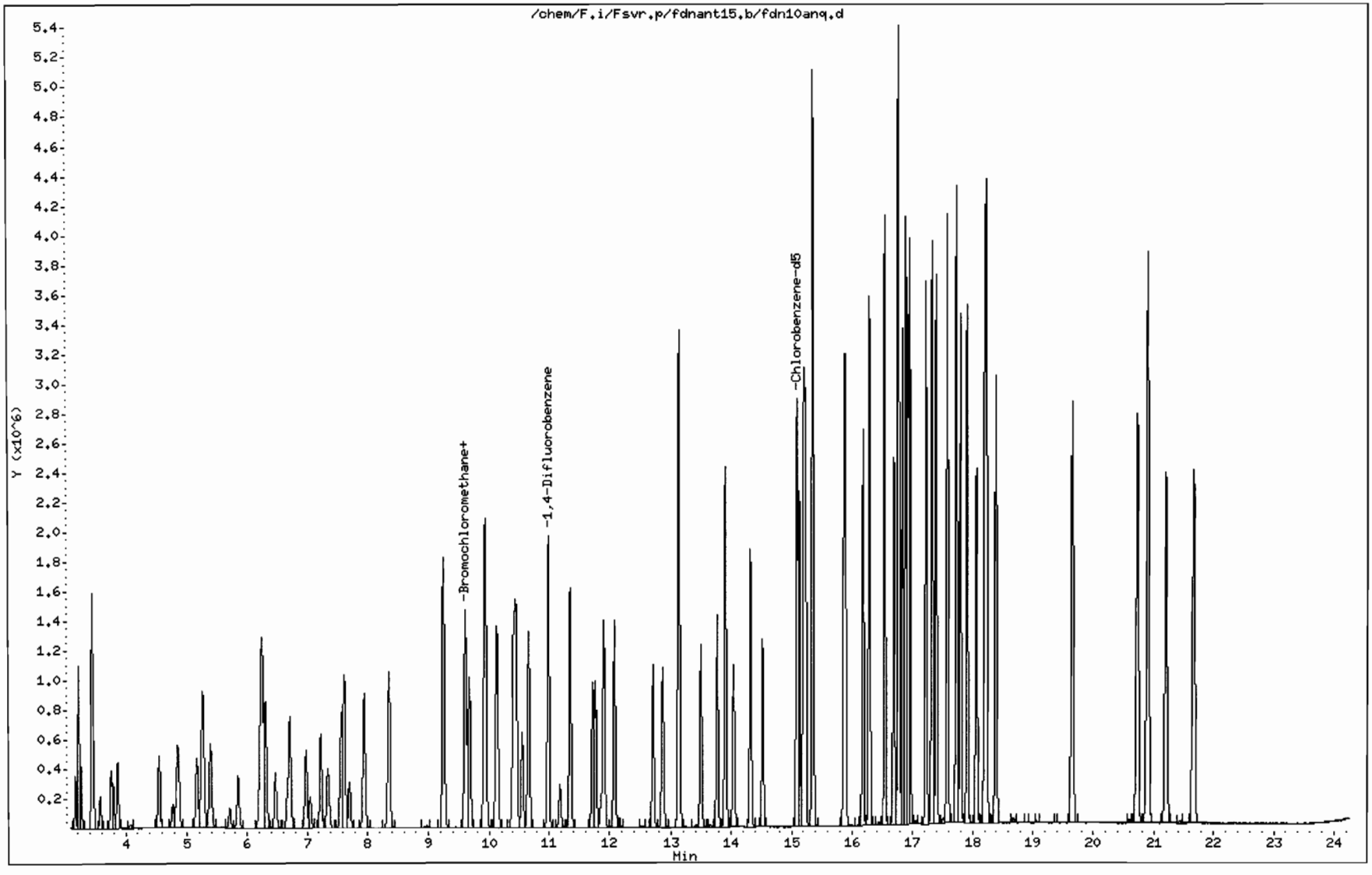
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.7	
123-91-1	1,4-Dioxane	9.2	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.4	
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	9.6	
10061-02-6	trans-1,3-Dichloropropene	9.7	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	8.3	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.7	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.7	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.7	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.5	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn10anq.d
Date : 03-JUN-2010 11:20
Client ID: FA060310LCS
Sample Info: los 026272
Purge Volume: 200.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/fdn10anq.d
Lab Smp Id: FA060310LCS Client Smp ID: FA060310LCS
Inj Date : 03-JUN-2010 11:20
Operator : WRD Inst ID: F.i
Smp Info : lcs 026272
Misc Info : FA060310LCS;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.221	3.226	(0.336)	1024291	10.6004	11
4 1,2-Dichlorotetrafluoroethane	85	3.445	3.456	(0.359)	1025306	9.97216	10
5 Chloromethane	50	3.579	3.584	(0.373)	237435	7.79358	7.8
7 Vinyl Chloride	62	3.798	3.809	(0.396)	333333	8.37496	8.4
8 1,3-Butadiene	54	3.868	3.879	(0.403)	255792	8.31326	8.3
9 Bromomethane	94	4.547	4.563	(0.474)	449965	9.84007	9.8
10 Chloroethane	64	4.772	4.788	(0.497)	209264	8.49336	8.5
12 Bromoethene	106	5.162	5.179	(0.538)	494116	10.4408	10
13 Trichlorofluoromethane	101	5.259	5.275	(0.548)	1402376	11.1533	11
17 Freon TF	101	6.238	6.259	(0.650)	1039444	11.5239	12
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	493224	11.4228	11
20 Acetone	43	6.468	6.489	(0.674)	651856	8.74129	8.7
22 Isopropyl Alcohol	45	6.671	6.693	(0.695)	475369	8.31144	8.3
21 Carbon disulfide	76	6.714	6.730	(0.700)	1390169	10.1097	10
23 3-Chloropropene	41	6.981	7.003	(0.727)	489810	8.32974	8.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
25	Methylene chloride	49	7.227	7.254	(0.753)	473669	8.91797	8.9	
26	tert-Butyl Alcohol	59	7.351	7.372	(0.766)	785852	9.07337	9.1	
27	Methyl tert-Butyl Ether	73	7.575	7.602	(0.789)	1397436	9.95049	10	
28	trans-1,2-Dichloroethene	61	7.623	7.645	(0.794)	689437	9.21808	9.2	
30	n-Hexane	57	7.944	7.966	(0.828)	680758	8.59277	8.6	
31	1,1-Dichloroethane	63	8.351	8.372	(0.870)	841319	9.31830	9.3	
36	Methyl Ethyl Ketone	72	9.234	9.260	(0.962)	228279	9.27206	9.3	(Q)
34	cis-1,2-Dichloroethene	96	9.234	9.260	(0.962)	526704	10.2662	10	
M 33	1,2-Dichloroethene,Total	61				1216141	19.4843	19	
* 37	Bromochloromethane	128	9.597	9.619	(1.000)	448002	10.0000		(Q)
39	Chloroform	83	9.672	9.694	(1.008)	1081847	10.4526	10	
38	Tetrahydrofuran	42	9.619	9.640	(0.875)	429081	8.05328	8.1	
41	1,1,1-Trichloroethane	97	9.924	9.950	(0.903)	1191822	11.1849	11	
40	Cyclohexane	84	9.934	9.956	(0.904)	656865	9.53011	9.5	
42	Carbon tetrachloride	117	10.127	10.148	(0.922)	1281427	11.3700	11	
43	2,2,4-Trimethylpentane	57	10.411	10.432	(0.947)	2108444	8.70071	8.7	
44	Benzene	78	10.448	10.475	(0.951)	1444033	9.50096	9.5	
45	1,2-Dichloroethane	62	10.550	10.571	(0.960)	694461	9.83129	9.8	
46	n-Heptane	43	10.657	10.678	(0.970)	724257	8.00521	8.0	
* 47	1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2163711	10.0000		
49	Trichloroethene	95	11.352	11.373	(1.033)	697240	10.1930	10	
50	1,2-Dichloropropane	63	11.721	11.748	(1.067)	493697	8.67236	8.7	
53	1,4-Dioxane	88	11.855	11.882	(1.079)	205603	9.16341	9.2	
54	Bromodichloromethane	83	12.074	12.101	(1.099)	1219735	10.8527	11	
55	cis-1,3-Dichloropropene	75	12.706	12.727	(1.156)	836841	9.35565	9.4	
56	Methyl Isobutyl Ketone	43	12.866	12.887	(1.171)	940153	8.36478	8.4	
58	Toluene	92	13.134	13.160	(0.870)	1084151	9.59500	9.6	
59	trans-1,3-Dichloropropene	75	13.497	13.519	(1.228)	910557	9.70214	9.7	
60	1,1,2-Trichloroethane	83	13.765	13.792	(0.912)	515892	9.23201	9.2	
61	Tetrachloroethene	166	13.899	13.925	(0.921)	1039892	10.5520	11	
62	Methyl Butyl Ketone	43	14.038	14.064	(0.930)	904751	8.25877	8.3	
63	Dibromochloromethane	129	14.321	14.343	(0.949)	1330360	11.3469	11	
64	1,2-Dibromoethane	107	14.524	14.546	(0.962)	1068911	10.1686	10	
* 65	Chlorobenzene-d5	117	15.092	15.113	(1.000)	2083633	10.0000		
66	Chlorobenzene	112	15.129	15.150	(1.002)	1541953	9.70028	9.7	
68	Ethylbenzene	91	15.204	15.225	(1.007)	2471775	9.97288	10	
69	Xylene (m,p)	106	15.354	15.375	(1.017)	1961503	19.4698	19	
71	Xylene (o)	106	15.867	15.883	(1.051)	963543	9.69682	9.7	
M 70	Xylenes, Total	106				2925046	29.4368	29	
72	Styrene	104	15.889	15.910	(1.053)	1503717	9.66004	9.7	
73	Bromoform	173	16.178	16.199	(1.072)	1500226	12.1965	12	
76	1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1396515	9.47266	9.5	
80	4-Ethyltoluene	105	16.884	16.905	(1.119)	3097057	10.5515	11	
82	1,3,5-Trimethylbenzene	105	16.953	16.975	(1.123)	2486404	10.2600	10	
81	2-Chlorotoluene	91	16.921	16.943	(1.121)	2803099	10.5577	11	
85	1,2,4-Trimethylbenzene	105	17.392	17.413	(1.152)	2470808	10.0704	10	
88	1,3-Dichlorobenzene	146	17.799	17.820	(1.179)	1834787	10.4704	10	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	17.911	17.932	(1.187)	1844206	10.5647	11
93 1,2-Dichlorobenzene	146	18.392	18.414	(1.219)	1718720	10.4119	10
95 1,2,4-Trichlorobenzene	180	20.719	20.752	(1.373)	1569669	10.9831	11
96 Hexachlorobutadiene	225	20.891	20.923	(1.384)	1488698	11.5763	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Sample Preparation – TO-15 Volatile

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
CEFLUS	NY13749	13749	6/2/10	0832	29.6	22	G5	WM

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
831356	3225	-3.0		4617	Y	2910 FDNV	
831357	2574	-4.7		4685		3319 FDNB	
831358	4380	-2.7		4980		4380 GEKG	
831359	2980	-1.9		4605		2714 FDNB	
831360	4291	-5.0		4979		1	

6/2/10

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE	1 of 1 COCs
Company: AKRF Inc.	Phone: 646.388.9525		
Address: 440 PARK AVENUE SOUTH 7TH FL	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARASATE		
Project Name: CE FLUSHING	**Analysis Turnaround Time**		
Site: 40-22 College Point Blvd. Flushing NY	Standard (Specify) X		
PO # 30141-116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-5	5/24/10	12:03	12:33	-31	-8	4617	3225	X									X		
CE-VAPOR-6	5/24/10	12:04	12:34	-31	-10	4685	2574	X									X		
CE-VAPOR-7	5/24/10	12:03	12:33	-30	-6	4980	4380	X									X		
CE-VAPOR-8	5/24/10	12:03	12:33	-30	-8	4605	2900	X									X		
CE-AA	5/24/10	12:44	13:14	-30	-6	4979	4291	X								X	~~X~~		

Temperature (Fahrenheit)			
	Interior	Ambient	
Start		72.8	
Stop		73.1	

Pressure (Inches of Hg)			
	Interior	Ambient	
Start		30.29	
Stop		30.29	

Special Instructions/QC Requirements & Comments:
SAMPLE CE-AA IS AMBIENT AIR, NOT SOIL GAS.

Samples Shipped by: Matthew Oleske	Date/Time: 5/25/10 15:00	Samples Received by: 5/27/10 1020
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica Burlington - Manual Integration Summary
SDG: fdnto15 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	07-APR-2010 14:37	FDN10V2	
	11.882	1,4-Dioxane			MI3 - Mis-identification of peak	sv 04/12/10 21:32	sv 04/12/10

Summary Generated: sv 04/12/2010 21:38 Secondary Review(1): PAD | 4/12/10 Secondary Review(2): _____ | _____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDN	Start Date: 4/7/10	Time: 0919	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 4/8/10	Time: 0919	CAL STD Lot #	see comment	Instrument: 5973
ICAL Date:	4/7/10 2009 175085			ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager	Analyst WHP	Analyst	Analyst	Analyst
Name/Initial		William DeJarnette			
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0919	FDN01P1V		BFB	NA			WHD	NA	NA	WHD	
1011	FDNB01	4983			1	200					
1104	FDN002V	3366	Level 1		2				✓		22289
1157	FDN005V	3646	Level 2		3				✓		22287
1251	FDN05V	3142	Level 3		4				✓		21996
1345	FDN10V	3351	N/A		6						21990 Valve Closed
528 1437	FDN15V	3631	Level 5		7				✓		21989
619 1528	FDN20V	3535	Level 6		8				✓	WHD	21985
1709	FDN40V	2691	Level 7		9				✓		21958
1437	FDN10V2	3351	Level 4		6	200			✓	WHD	21990
1800	FDNB02	4983	IBLK		1	200				WHD	
1850	FDN10Q	3643	ICV		10	200		✓	✓		21407
1941	FDNB03	4983	MBLK		1	200		✓	✓		
2041	4223	NA	NA	0.16	11	1250		✓	✓	WHD	
2141	4591				12			✓	✓		
2241	3322				13			✓	✓		
2341	4279				14			✓	✓		
0041	2882				15			✓	✓		
0141	3351				16			✓	✓		
0241	2510				2			✓	✓		
0341	3276				3			✓	✓		
0441	4283				4			✓	✓		
0541	3405				5			✓	✓		
0642	2737				6			✓	✓		
0741	2866				7			✓	✓		
0841	4581	NA	NA	0.16	1	1250	NJR	✓	✓		
	3760			0.16	2	1250					4/8/10

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

GC/MS INSTRUMENT RUN LOG

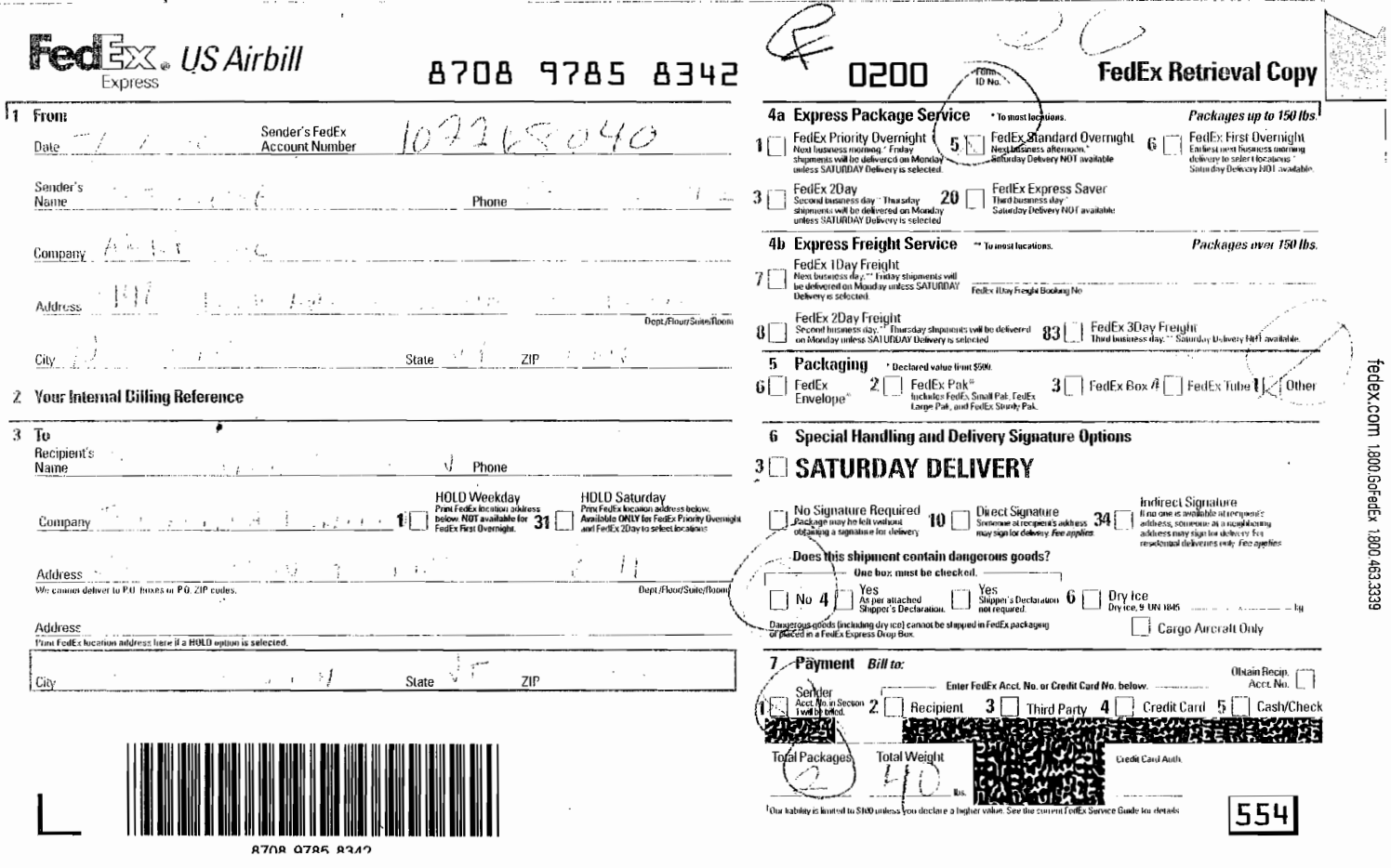
Sequence				Standard Traceability		Instrument Information
Batch ID:	FDN4N	Start Date: 6/3/10	Time: 0935	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 6/4/10	Time: 0935	CAL STD Lot #	28276	Instrument: 5973
ICAL Date:	4/7/10			ICV / LCS Lot #	28272	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0935	FDN41PV		BFB	NA			WM	NA	NA	WM	
1030	FDN10ANV	3544	CCV		1	200		NA	✓		AG
1120	FDN10ANQ	2964	LCS		2	200		✓	✓		AG
1212	FDNBQ1AN	4632	BLK		3	200		✓	✓		
1308	2677	NA	4X	0.2	4	1000		✓	✓		
1403	3397	NA	4X	0.2	5	1000		✓	↑✓		Propanal ↑
1454	831571	2631	137533	1	6	200		✓	✓		C
1545	831243D	4461	137486	2030	7	29		✓	↑		CDF 294 Tol 68
1635	831360	4291	137497	1	8	200		✓	✓	WM	C
1726	831356	3225		10	9	20		✓	✓		C High TICs
1817	831357	2574			10			✓	✓		C " "
1909	831358	4380			11			✓	✓		C " "
2000	831359	2900			12			✓	✓		C " "
2057	831444	4928	137500	1	13	200		✓	✓		C
2142	831445	2741			14			✓	✓		C
2234	831446	3568			15			✓	↑		PCE 51
2325	831447	4125			16			✓	✓		C
0016	831448	3201			1			✓	✓		C
0107	831449	4009			2			✓	✓		C
0158	831450	4806			3			✓	✓		C
0249	831451	3200			4			✓	✓		C
0341	831468D	4833	137511	199	5	58	WM	✓	↑		CDF 57.7 CLOCK 56
0432	831469	4180		1	6	200		✓	✓		C
0523	8314700	4472		51.2	7	64		✓	✓		CDF 16.4 C
0614	2981	NA	485	1	8	200	20WM	✓	✓		
0827	3847	NA	486	1	8	200		✓	✓	WM	
0919	831R43D2	4461	137486	4610	9	3.5		✓	✓	WM	CDF 80.7 C

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

Sample Handling



FedEx Express US Airbill

8708 9785 8342

0200

FedEx Retrieval Copy

1 From

Date 7/1

Sender's FedEx Account Number 1072[illegible]040

Sender's Name [illegible] Phone [illegible]

Company [illegible]

Address [illegible] Dept/Floor/Suite/Room

City [illegible] State [illegible] ZIP [illegible]

2 Your Internal Billing Reference

3 To

Recipient's Name [illegible] Phone

Company [illegible]

HOLD Weekday — Print FedEx location address below. NOT available for FedEx First Overnight.

HOLD Saturday — Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Print FedEx location address here if a HOLD option is selected.

City [illegible] State [illegible] ZIP

4a Express Package Service — * To most locations. — Packages up to 150 lbs.

1 FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available

6 FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service — * To most locations. — Packages over 150 lbs.

7 FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

8 FedEx 2Day Freight — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected

83 FedEx 3Day Freight — Third business day.* Saturday Delivery NOT available.

5 Packaging — * Declared value limit $500.

6 FedEx Envelope*

2 FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.

3 FedEx Box

FedEx Tube

Other

6 Special Handling and Delivery Signature Options

3 SATURDAY DELIVERY

No Signature Required — Package may be left without obtaining a signature for delivery.

10 Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

No

4 Yes — As per attached Shipper's Declaration.

Yes — Shipper's Declaration not required.

6 Dry Ice — Dry Ice, 9, UN 1845 — kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

Cargo Aircraft Only

7 Payment Bill to:

Obtain Recip. Acct. No.

Enter FedEx Acct. No. or Credit Card No. below.

1 Sender — Acct. No. in Section 1 will be billed.

2 Recipient

3 Third Party

4 Credit Card

5 Cash/Check

Total Packages [illegible]

Total Weight [illegible] lbs.

Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

8708 9785 8342

fedex.com 1.800.GoFedEx 1.800.463.3339

fedex.com 1.800.GoFedEx 1.800.463.3339

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: CEFLUS	Date Received: 5/27/10	Log In Date: 05/28/10
ETR: 137497	Time Received: 1020	By:
SDG: NY137497	Received By: GTM	Signature:
Project: 29600	# Coolers Received: 2 Boxes	PM Signature:
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 6/10/10
List Air bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact		X		
Custody seal numbers are present			X	
If yes, list custody seal numbers:				

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

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

Cooler 1: A+2 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2: A+2 °C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3: °C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4: °C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5 °C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures		X		Not relinquished
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC		X		See below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Sample labels do not list start times.

FSR002:12.19.07:3
TestAmerica Burlington

TestAmerica
South Burlington, VT

Extended Data Package

NY135909

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

February 25, 2010

Ms. Kate Brunner
AKRF, Inc.
440 Park Avenue South
7th floor
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY135909

Dear Ms. Brunner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on February 10th, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 02/10/10 ETR No: 135909		
820120	CE-VAPOR-1	02/08/10	AIR
820121	CE-VAPOR-2	02/08/10	AIR
820122	CE-VAPOR-3	02/08/10	AIR
820123	CE-VAPOR-4	02/08/10	AIR
820124	CE-AA	02/08/10	AIR
820125	CE-VAPOR-5	02/08/10	AIR
820126	CE-VAPOR-6	02/08/10	AIR
820127	CE-VAPOR-7	02/08/10	AIR
820128	CE-VAPOR-8	02/08/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for several of the samples referenced above were accomplished at dilution based on screen analyses due to the presence of target or non-target analytes at high concentrations.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

Chain of Custody **23**

QC Summary TO-15 Volatile **26**

Supportive Documentation TO-15 Volatile **34**

Standards TO-15 Volatile **208**

Raw QC Data TO-15 Volatile **266**

Sample Preparation TO-15 Volatile **286**

Sample Handling **293**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820120

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.7	U	1.7	8.4	U	8.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.67	U	0.67	4.7	U	4.7
Chloromethane	74-87-3	1.7	U	1.7	3.5	U	3.5
Vinyl Chloride	75-01-4	0.67	U	0.67	1.7	U	1.7
1,3-Butadiene	106-99-0	1.7	U	1.7	3.8	U	3.8
Bromomethane	74-83-9	0.67	U	0.67	2.6	U	2.6
Chloroethane	75-00-3	1.7	U	1.7	4.5	U	4.5
Bromoethene	593-60-2	0.67	U	0.67	2.9	U	2.9
Trichlorofluoromethane	75-69-4	0.67	U	0.67	3.8	U	3.8
Freon TF	76-13-1	0.67	U	0.67	5.1	U	5.1
1,1-Dichloroethene	75-35-4	0.67	U	0.67	2.7	U	2.7
Acetone	67-64-1	17	U	17	40	U	40
Isopropyl Alcohol	67-63-0	64		17	160		42
Carbon disulfide	75-15-0	1.7	U	1.7	5.3	U	5.3
3-Chloropropene	107-05-1	1.7	U	1.7	5.3	U	5.3
Methylene chloride	75-09-2	1.9		1.7	6.6		5.9
tert-Butyl Alcohol	75-65-0	17	U	17	52	U	52
Methyl tert-Butyl Ether	1634-04-4	1.7	U	1.7	6.1	U	6.1
trans-1,2-Dichloroethene	156-60-5	0.67	U	0.67	2.7	U	2.7
n-Hexane	110-54-3	1.7	U	1.7	6.0	U	6.0
1,1-Dichloroethane	75-34-3	0.67	U	0.67	2.7	U	2.7
Methyl Ethyl Ketone	78-93-3	1.7	U	1.7	5.0	U	5.0
cis-1,2-Dichloroethene	156-59-2	0.67	U	0.67	2.7	U	2.7
1,2-Dichloroethene,Total	540-59-0	0.67	U	0.67	2.7	U	2.7
Chloroform	67-66-3	0.67	U	0.67	3.3	U	3.3
Tetrahydrofuran	109-99-9	17	U	17	50	U	50
1,1,1-Trichloroethane	71-55-6	0.67	U	0.67	3.7	U	3.7
Cyclohexane	110-82-7	1.3		0.67	4.5		2.3
Carbon tetrachloride	56-23-5	0.67	U	0.67	4.2	U	4.2
2,2,4-Trimethylpentane	540-84-1	0.67	U	0.67	3.1	U	3.1
Benzene	71-43-2	0.81		0.67	2.6		2.1
1,2-Dichloroethane	107-06-2	0.67	U	0.67	2.7	U	2.7
n-Heptane	142-82-5	6.7		0.67	27		2.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820120

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.67	U	0.67	3.6	U	3.6
1,2-Dichloropropane	78-87-5	0.67	U	0.67	3.1	U	3.1
1,4-Dioxane	123-91-1	17	U	17	61	U	61
Bromodichloromethane	75-27-4	0.67	U	0.67	4.5	U	4.5
cis-1,3-Dichloropropene	10061-01-5	0.67	U	0.67	3.0	U	3.0
Methyl Isobutyl Ketone	108-10-1	1.7	U	1.7	7.0	U	7.0
Toluene	108-88-3	4.2		0.67	16		2.5
trans-1,3-Dichloropropene	10061-02-6	0.67	U	0.67	3.0	U	3.0
1,1,2-Trichloroethane	79-00-5	0.67	U	0.67	3.7	U	3.7
Tetrachloroethene	127-18-4	0.67	U	0.67	4.5	U	4.5
Methyl Butyl Ketone	591-78-6	1.7	U	1.7	7.0	U	7.0
Dibromochloromethane	124-48-1	0.67	U	0.67	5.7	U	5.7
1,2-Dibromoethane	106-93-4	0.67	U	0.67	5.1	U	5.1
Chlorobenzene	108-90-7	0.67	U	0.67	3.1	U	3.1
Ethylbenzene	100-41-4	3.6		0.67	16		2.9
Xylene (m,p)	1330-20-7	6.8		1.3	30		5.6
Xylene (o)	95-47-6	5.3		0.67	23		2.9
Xylenes, Total	1330-20-7	12		0.67	52		2.9
Styrene	100-42-5	0.77		0.67	3.3		2.9
Bromoform	75-25-2	0.67	U	0.67	6.9	U	6.9
1,1,2,2-Tetrachloroethane	79-34-5	0.67	U	0.67	4.6	U	4.6
4-Ethyltoluene	622-96-8	2.0		0.67	9.8		3.3
1,3,5-Trimethylbenzene	108-67-8	4.8		0.67	24		3.3
2-Chlorotoluene	95-49-8	0.67	U	0.67	3.5	U	3.5
1,2,4-Trimethylbenzene	95-63-6	3.1		0.67	15		3.3
1,3-Dichlorobenzene	541-73-1	3.4		0.67	20		4.0
1,4-Dichlorobenzene	106-46-7	0.67	U	0.67	4.0	U	4.0
1,2-Dichlorobenzene	95-50-1	0.67	U	0.67	4.0	U	4.0
1,2,4-Trichlorobenzene	120-82-1	1.7	U	1.7	13	U	13
Hexachlorobutadiene	87-68-3	0.67	U	0.67	7.1	U	7.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 820121

Date Analyzed: 2/16/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	7.6		5.0	20		13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	58		50	140		120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0		2.0	6.9		6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	8.5		2.0	40		9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	7.4		2.0	30		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 820121

Date Analyzed: 2/16/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.4		2.0	9.0		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	3.3		2.0	14		8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	5.2		2.0	23		8.7
Xylenes, Total	1330-20-7	5.2		2.0	23		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	6.0		2.0	29		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	3.9		2.0	23		12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820122

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.7	U	1.7	8.4	U	8.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.67	U	0.67	4.7	U	4.7
Chloromethane	74-87-3	1.7	U	1.7	3.5	U	3.5
Vinyl Chloride	75-01-4	0.67	U	0.67	1.7	U	1.7
1,3-Butadiene	106-99-0	1.7	U	1.7	3.8	U	3.8
Bromomethane	74-83-9	0.67	U	0.67	2.6	U	2.6
Chloroethane	75-00-3	1.7	U	1.7	4.5	U	4.5
Bromoethene	593-60-2	0.67	U	0.67	2.9	U	2.9
Trichlorofluoromethane	75-69-4	0.67	U	0.67	3.8	U	3.8
Freon TF	76-13-1	0.67	U	0.67	5.1	U	5.1
1,1-Dichloroethene	75-35-4	0.67	U	0.67	2.7	U	2.7
Acetone	67-64-1	58		17	140		40
Isopropyl Alcohol	67-63-0	86		17	210		42
Carbon disulfide	75-15-0	1.7	U	1.7	5.3	U	5.3
3-Chloropropene	107-05-1	1.7	U	1.7	5.3	U	5.3
Methylene chloride	75-09-2	1.7	U	1.7	5.9	U	5.9
tert-Butyl Alcohol	75-65-0	17	U	17	52	U	52
Methyl tert-Butyl Ether	1634-04-4	1.7	U	1.7	6.1	U	6.1
trans-1,2-Dichloroethene	156-60-5	0.67	U	0.67	2.7	U	2.7
n-Hexane	110-54-3	1.7	U	1.7	6.0	U	6.0
1,1-Dichloroethane	75-34-3	0.67	U	0.67	2.7	U	2.7
Methyl Ethyl Ketone	78-93-3	35		1.7	100		5.0
cis-1,2-Dichloroethene	156-59-2	0.67	U	0.67	2.7	U	2.7
1,2-Dichloroethene,Total	540-59-0	0.67	U	0.67	2.7	U	2.7
Chloroform	67-66-3	0.67	U	0.67	3.3	U	3.3
Tetrahydrofuran	109-99-9	21		17	62		50
1,1,1-Trichloroethane	71-55-6	0.67	U	0.67	3.7	U	3.7
Cyclohexane	110-82-7	0.67	U	0.67	2.3	U	2.3
Carbon tetrachloride	56-23-5	0.67	U	0.67	4.2	U	4.2
2,2,4-Trimethylpentane	540-84-1	0.67	U	0.67	3.1	U	3.1
Benzene	71-43-2	0.67	U	0.67	2.1	U	2.1
1,2-Dichloroethane	107-06-2	0.67	U	0.67	2.7	U	2.7
n-Heptane	142-82-5	0.88		0.67	3.6		2.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820122

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.67	U	0.67	3.6	U	3.6
1,2-Dichloropropane	78-87-5	0.67	U	0.67	3.1	U	3.1
1,4-Dioxane	123-91-1	17	U	17	61	U	61
Bromodichloromethane	75-27-4	0.67	U	0.67	4.5	U	4.5
cis-1,3-Dichloropropene	10061-01-5	0.67	U	0.67	3.0	U	3.0
Methyl Isobutyl Ketone	108-10-1	1.7	U	1.7	7.0	U	7.0
Toluene	108-88-3	3.6		0.67	14		2.5
trans-1,3-Dichloropropene	10061-02-6	0.67	U	0.67	3.0	U	3.0
1,1,2-Trichloroethane	79-00-5	0.67	U	0.67	3.7	U	3.7
Tetrachloroethene	127-18-4	0.67		0.67	4.5		4.5
Methyl Butyl Ketone	591-78-6	1.7	U	1.7	7.0	U	7.0
Dibromochloromethane	124-48-1	0.67	U	0.67	5.7	U	5.7
1,2-Dibromoethane	106-93-4	0.67	U	0.67	5.1	U	5.1
Chlorobenzene	108-90-7	0.67	U	0.67	3.1	U	3.1
Ethylbenzene	100-41-4	1.9		0.67	8.3		2.9
Xylene (m,p)	1330-20-7	5.5		1.3	24		5.6
Xylene (o)	95-47-6	3.1		0.67	13		2.9
Xylenes, Total	1330-20-7	8.7		0.67	38		2.9
Styrene	100-42-5	0.76		0.67	3.2		2.9
Bromoform	75-25-2	0.67	U	0.67	6.9	U	6.9
1,1,2,2-Tetrachloroethane	79-34-5	0.67	U	0.67	4.6	U	4.6
4-Ethyltoluene	622-96-8	0.73		0.67	3.6		3.3
1,3,5-Trimethylbenzene	108-67-8	1.3		0.67	6.4		3.3
2-Chlorotoluene	95-49-8	0.67	U	0.67	3.5	U	3.5
1,2,4-Trimethylbenzene	95-63-6	2.1		0.67	10		3.3
1,3-Dichlorobenzene	541-73-1	5.7		0.67	34		4.0
1,4-Dichlorobenzene	106-46-7	0.67	U	0.67	4.0	U	4.0
1,2-Dichlorobenzene	95-50-1	0.67	U	0.67	4.0	U	4.0
1,2,4-Trichlorobenzene	120-82-1	1.7	U	1.7	13	U	13
Hexachlorobutadiene	87-68-3	0.67	U	0.67	7.1	U	7.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 9.97

Sample Matrix: AIR

Lab Sample No.: 820123

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	280		50	690		120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.5		5.0	19		17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.1		2.0	8.6		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 9.97

Sample Matrix: AIR

Lab Sample No.: 820123

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	6.8		2.0	26		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	5.5		4.0	24		17
Xylene (o)	95-47-6	2.6		2.0	11		8.7
Xylenes, Total	1330-20-7	8.2		2.0	36		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	5.6		2.0	34		12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820124

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.64		0.50	1.3		1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.26		0.20	1.5		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0		5.0	12		12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	2.3		0.50	8.0		1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.93		0.50	3.3		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.32		0.20	1.0		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820124

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	1.4		0.20	5.3		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.21		0.20	0.91		0.87
Xylene (m,p)	1330-20-7	0.66		0.40	2.9		1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.67		0.20	2.9		0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 2.27

Sample Matrix: AIR

Lab Sample No.: 820125

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.1	U	1.1	5.4	U	5.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.45	U	0.45	3.1	U	3.1
Chloromethane	74-87-3	1.1	U	1.1	2.3	U	2.3
Vinyl Chloride	75-01-4	0.45	U	0.45	1.2	U	1.2
1,3-Butadiene	106-99-0	1.1	U	1.1	2.4	U	2.4
Bromomethane	74-83-9	0.45	U	0.45	1.7	U	1.7
Chloroethane	75-00-3	1.1	U	1.1	2.9	U	2.9
Bromoethene	593-60-2	0.45	U	0.45	2.0	U	2.0
Trichlorofluoromethane	75-69-4	0.45	U	0.45	2.5	U	2.5
Freon TF	76-13-1	0.45	U	0.45	3.4	U	3.4
1,1-Dichloroethene	75-35-4	0.45	U	0.45	1.8	U	1.8
Acetone	67-64-1	30		11	71		26
Isopropyl Alcohol	67-63-0	62		11	150		27
Carbon disulfide	75-15-0	1.2		1.1	3.7		3.4
3-Chloropropene	107-05-1	1.1	U	1.1	3.4	U	3.4
Methylene chloride	75-09-2	1.1	U	1.1	3.8	U	3.8
tert-Butyl Alcohol	75-65-0	11	U	11	33	U	33
Methyl tert-Butyl Ether	1634-04-4	1.1	U	1.1	4.0	U	4.0
trans-1,2-Dichloroethene	156-60-5	0.45	U	0.45	1.8	U	1.8
n-Hexane	110-54-3	3.0		1.1	11		3.9
1,1-Dichloroethane	75-34-3	0.45	U	0.45	1.8	U	1.8
Methyl Ethyl Ketone	78-93-3	2.9		1.1	8.6		3.2
cis-1,2-Dichloroethene	156-59-2	0.45	U	0.45	1.8	U	1.8
1,2-Dichloroethene,Total	540-59-0	0.45	U	0.45	1.8	U	1.8
Chloroform	67-66-3	0.49		0.45	2.4		2.2
Tetrahydrofuran	109-99-9	11	U	11	32	U	32
1,1,1-Trichloroethane	71-55-6	0.45	U	0.45	2.5	U	2.5
Cyclohexane	110-82-7	0.45	U	0.45	1.5	U	1.5
Carbon tetrachloride	56-23-5	0.45	U	0.45	2.8	U	2.8
2,2,4-Trimethylpentane	540-84-1	0.45	U	0.45	2.1	U	2.1
Benzene	71-43-2	0.97		0.45	3.1		1.4
1,2-Dichloroethane	107-06-2	0.45	U	0.45	1.8	U	1.8
n-Heptane	142-82-5	0.56		0.45	2.3		1.8

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 2.27

Sample Matrix: AIR

Lab Sample No.: 820125

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.45	U	0.45	2.4	U	2.4
1,2-Dichloropropane	78-87-5	0.45	U	0.45	2.1	U	2.1
1,4-Dioxane	123-91-1	11	U	11	40	U	40
Bromodichloromethane	75-27-4	0.45	U	0.45	3.0	U	3.0
cis-1,3-Dichloropropene	10061-01-5	0.45	U	0.45	2.0	U	2.0
Methyl Isobutyl Ketone	108-10-1	1.1	U	1.1	4.5	U	4.5
Toluene	108-88-3	15		0.45	57		1.7
trans-1,3-Dichloropropene	10061-02-6	0.45	U	0.45	2.0	U	2.0
1,1,2-Trichloroethane	79-00-5	0.45	U	0.45	2.5	U	2.5
Tetrachloroethene	127-18-4	0.45	U	0.45	3.1	U	3.1
Methyl Butyl Ketone	591-78-6	1.1	U	1.1	4.5	U	4.5
Dibromochloromethane	124-48-1	0.45	U	0.45	3.8	U	3.8
1,2-Dibromoethane	106-93-4	0.45	U	0.45	3.5	U	3.5
Chlorobenzene	108-90-7	0.45	U	0.45	2.1	U	2.1
Ethylbenzene	100-41-4	1.0		0.45	4.3		2.0
Xylene (m,p)	1330-20-7	3.4		0.91	15		4.0
Xylene (o)	95-47-6	1.2		0.45	5.2		2.0
Xylenes, Total	1330-20-7	4.6		0.45	20		2.0
Styrene	100-42-5	14		0.45	60		1.9
Bromoform	75-25-2	0.45	U	0.45	4.7	U	4.7
1,1,2,2-Tetrachloroethane	79-34-5	0.45	U	0.45	3.1	U	3.1
4-Ethyltoluene	622-96-8	0.45	U	0.45	2.2	U	2.2
1,3,5-Trimethylbenzene	108-67-8	0.45	U	0.45	2.2	U	2.2
2-Chlorotoluene	95-49-8	0.45	U	0.45	2.3	U	2.3
1,2,4-Trimethylbenzene	95-63-6	1.1		0.45	5.4		2.2
1,3-Dichlorobenzene	541-73-1	3.7		0.45	22		2.7
1,4-Dichlorobenzene	106-46-7	0.45	U	0.45	2.7	U	2.7
1,2-Dichlorobenzene	95-50-1	0.45	U	0.45	2.7	U	2.7
1,2,4-Trichlorobenzene	120-82-1	1.1	U	1.1	8.2	U	8.2
Hexachlorobutadiene	87-68-3	0.45	U	0.45	4.8	U	4.8

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820126

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.51		0.50	2.5		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.54		0.50	1.1		1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.22		0.20	1.2		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	26		5.0	62		12
Isopropyl Alcohol	67-63-0	9.6		5.0	24		12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	2.8		0.50	9.9		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.27		0.20	0.93		0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.23		0.20	1.1		0.93
Benzene	71-43-2	0.43		0.20	1.4		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.35		0.20	1.4		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820126

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	18		0.20	68		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.53		0.20	2.3		0.87
Xylene (m,p)	1330-20-7	1.7		0.40	7.4		1.7
Xylene (o)	95-47-6	0.45		0.20	2.0		0.87
Xylenes, Total	1330-20-7	2.2		0.20	9.6		0.87
Styrene	100-42-5	0.30		0.20	1.3		0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.32		0.20	1.6		0.98
1,3-Dichlorobenzene	541-73-1	0.34		0.20	2.0		1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY135909

Lab Sample No.: 820127

Dilution Factor: 4.55

Date Analyzed: 2/17/2010

Sample Matrix: AIR

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	2.3	U	2.3	11	U	11
1,2-Dichlorotetrafluoroethane	76-14-2	0.91	U	0.91	6.4	U	6.4
Chloromethane	74-87-3	2.3	U	2.3	4.7	U	4.7
Vinyl Chloride	75-01-4	0.91	U	0.91	2.3	U	2.3
1,3-Butadiene	106-99-0	2.3	U	2.3	5.1	U	5.1
Bromomethane	74-83-9	0.91	U	0.91	3.5	U	3.5
Chloroethane	75-00-3	2.3	U	2.3	6.1	U	6.1
Bromoethene	593-60-2	0.91	U	0.91	4.0	U	4.0
Trichlorofluoromethane	75-69-4	0.91	U	0.91	5.1	U	5.1
Freon TF	76-13-1	0.91	U	0.91	7.0	U	7.0
1,1-Dichloroethene	75-35-4	0.91	U	0.91	3.6	U	3.6
Acetone	67-64-1	23	U	23	55	U	55
Isopropyl Alcohol	67-63-0	31		23	76		57
Carbon disulfide	75-15-0	3.0		2.3	9.3		7.2
3-Chloropropene	107-05-1	2.3	U	2.3	7.2	U	7.2
Methylene chloride	75-09-2	2.3	U	2.3	8.0	U	8.0
tert-Butyl Alcohol	75-65-0	23	U	23	70	U	70
Methyl tert-Butyl Ether	1634-04-4	2.3	U	2.3	8.3	U	8.3
trans-1,2-Dichloroethene	156-60-5	0.91	U	0.91	3.6	U	3.6
n-Hexane	110-54-3	2.3	U	2.3	8.1	U	8.1
1,1-Dichloroethane	75-34-3	0.91	U	0.91	3.7	U	3.7
Methyl Ethyl Ketone	78-93-3	13		2.3	38		6.8
cis-1,2-Dichloroethene	156-59-2	0.91	U	0.91	3.6	U	3.6
1,2-Dichloroethene,Total	540-59-0	0.91	U	0.91	3.6	U	3.6
Chloroform	67-66-3	0.91	U	0.91	4.4	U	4.4
Tetrahydrofuran	109-99-9	23		23	68		68
1,1,1-Trichloroethane	71-55-6	0.91	U	0.91	5.0	U	5.0
Cyclohexane	110-82-7	0.91	U	0.91	3.1	U	3.1
Carbon tetrachloride	56-23-5	0.91	U	0.91	5.7	U	5.7
2,2,4-Trimethylpentane	540-84-1	0.91	U	0.91	4.3	U	4.3
Benzene	71-43-2	1.6		0.91	5.1		2.9
1,2-Dichloroethane	107-06-2	0.91	U	0.91	3.7	U	3.7
n-Heptane	142-82-5	0.91	U	0.91	3.7	U	3.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 4.55

Sample Matrix: AIR

Lab Sample No.: 820127

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.91	U	0.91	4.9	U	4.9
1,2-Dichloropropane	78-87-5	0.91	U	0.91	4.2	U	4.2
1,4-Dioxane	123-91-1	23	U	23	83	U	83
Bromodichloromethane	75-27-4	0.91	U	0.91	6.1	U	6.1
cis-1,3-Dichloropropene	10061-01-5	0.91	U	0.91	4.1	U	4.1
Methyl Isobutyl Ketone	108-10-1	2.3	U	2.3	9.4	U	9.4
Toluene	108-88-3	8.5		0.91	32		3.4
trans-1,3-Dichloropropene	10061-02-6	0.91	U	0.91	4.1	U	4.1
1,1,2-Trichloroethane	79-00-5	0.91	U	0.91	5.0	U	5.0
Tetrachloroethene	127-18-4	0.91	U	0.91	6.2	U	6.2
Methyl Butyl Ketone	591-78-6	2.3	U	2.3	9.4	U	9.4
Dibromochloromethane	124-48-1	0.91	U	0.91	7.8	U	7.8
1,2-Dibromoethane	106-93-4	0.91	U	0.91	7.0	U	7.0
Chlorobenzene	108-90-7	0.91	U	0.91	4.2	U	4.2
Ethylbenzene	100-41-4	1.1		0.91	4.8		4.0
Xylene (m,p)	1330-20-7	3.1		1.8	13		7.8
Xylene (o)	95-47-6	1.7		0.91	7.4		4.0
Xylenes, Total	1330-20-7	4.8		0.91	21		4.0
Styrene	100-42-5	120		0.91	510		3.9
Bromoform	75-25-2	0.91	U	0.91	9.4	U	9.4
1,1,2,2-Tetrachloroethane	79-34-5	0.91	U	0.91	6.2	U	6.2
4-Ethyltoluene	622-96-8	0.91	U	0.91	4.5	U	4.5
1,3,5-Trimethylbenzene	108-67-8	0.91	U	0.91	4.5	U	4.5
2-Chlorotoluene	95-49-8	0.91	U	0.91	4.7	U	4.7
1,2,4-Trimethylbenzene	95-63-6	1.0		0.91	4.9		4.5
1,3-Dichlorobenzene	541-73-1	2.6		0.91	16		5.5
1,4-Dichlorobenzene	106-46-7	0.91	U	0.91	5.5	U	5.5
1,2-Dichlorobenzene	95-50-1	0.91	U	0.91	5.5	U	5.5
1,2,4-Trichlorobenzene	120-82-1	2.3	U	2.3	17	U	17
Hexachlorobutadiene	87-68-3	0.91	U	0.91	9.7	U	9.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820128

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.66		0.50	1.4		1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.25		0.20	1.4		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	32		5.0	76		12
Isopropyl Alcohol	67-63-0	28		5.0	69		12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.58		0.50	2.0		1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	3.5		0.50	12		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.92		0.50	2.7		1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.33		0.20	1.1		0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.32		0.20	1.5		0.93
Benzene	71-43-2	0.54		0.20	1.7		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.45		0.20	1.8		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY135909

Lab Sample No.: 820128

Dilution Factor: 1.00

Date Analyzed: 2/17/2010

Sample Matrix: AIR

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	21		0.20	79		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.83		0.20	3.6		0.87
Xylene (m,p)	1330-20-7	2.8		0.40	12		1.7
Xylene (o)	95-47-6	0.88		0.20	3.8		0.87
Xylenes, Total	1330-20-7	3.7		0.20	16		0.87
Styrene	100-42-5	6.7		0.20	29		0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.26		0.20	1.3		0.98
1,3,5-Trimethylbenzene	108-67-8	0.24		0.20	1.2		0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.80		0.20	3.9		0.98
1,3-Dichlorobenzene	541-73-1	2.5		0.20	15		1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA021610

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	11		0.20	77		1.4
Chloromethane	74-87-3	9.8		0.50	20		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	9.2		0.50	24		1.3
Bromoethene	593-60-2	11		0.20	48		0.87
Trichlorofluoromethane	75-69-4	10		0.20	56		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	9.1		5.0	22		12
Isopropyl Alcohol	67-63-0	8.6		5.0	21		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	9.6		0.50	30		1.6
Methylene chloride	75-09-2	9.8		0.50	34		1.7
tert-Butyl Alcohol	75-65-0	9.1		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
n-Hexane	110-54-3	9.3		0.50	33		1.8
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	9.8		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
1,2-Dichloroethene,Total	540-59-0	22		0.20	87		0.79
Chloroform	67-66-3	11		0.20	54		0.98
Tetrahydrofuran	109-99-9	9.1		5.0	27		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	11		0.20	38		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
n-Heptane	142-82-5	9.4		0.20	39		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA021610

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	11		0.20	59		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
1,4-Dioxane	123-91-1	9.0		5.0	32		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	9.5		0.50	39		2.0
Toluene	108-88-3	10		0.20	38		0.75
trans-1,3-Dichloropropene	10061-02-6	10		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	12		0.20	81		1.4
Methyl Butyl Ketone	591-78-6	9.4		0.50	39		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
1,2-Dibromoethane	106-93-4	11		0.20	85		1.5
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	21		0.40	91		1.7
Xylene (o)	95-47-6	11		0.20	48		0.87
Xylenes, Total	1330-20-7	33		0.20	140		0.87
Styrene	100-42-5	11		0.20	47		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	11		0.20	54		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	11		0.20	66		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	9.0		0.50	67		3.7
Hexachlorobutadiene	87-68-3	9.9		0.20	110		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0216

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0216

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

Chain of Custody

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Kate Brunner	**Samples Collected By:** S G	1 of 2 COCs
Company: AKRF, Inc.	Phone: 646 388 9525		
Address: 440 Park Ave South	Email: Kbrunner@AKRF.com		
City/State/Zip New York, NY 10016 7th Flr			
Phone: 646 388 9525	Site Contact: Steve Grens		
FAX: 212 726 0942	TA Contact: Erin Gauss		
Project Name: CE Flushing	**Analysis Turnaround Time**		
Site: 40-22 College Point Blvd Flushing NY	Standard (Specify) X		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-Vapor-1	2/8/10	1400	1418	29.4	-5	4977	3427	X								X		
CE-Vapor-2	2/8/10	1413	1430	-30	-3	4600	2737	X								X		
CE-Vapor-3	2/8/10	1419	1435	-30	-16	4708	2632	X								X		
CE-Vapor-4	2/8/10	1426	1442	-30	-26	4685	4127	X								X		
CE-AA	2/8/10	1445	1501	-30	~~-16~~ -12	4702	4430	X							X			

Temperature (Fahrenheit)	Interior	Ambient
Start		28.2° F
Stop		29.3° F

Pressure (inches of Hg)	Interior	Ambient
Start		-30
Stop		-16

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Steve Grens	Date/Time: 2/8/10 1625	Samples Received by: 2/8/10 1625
Samples Relinquished by:	Date/Time: 2/8/10 1800	Received by: 2/8/10 1800
Relinquished by:	Date/Time:	Received by: 2/10/10 1005

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Kate Brunner	**Samples Collected By:** SG	2 of 2 COCs
Company: AKRF, Inc.	Phone: 646-388-9525		
Address: 440 Park Ave South - 7th Floor	Email: Kbrunner@akrf.com		
City/State/Zip NY, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Green		
FAX: 212 726-0942	TA Contact: Erin Crotty		
Project Name: CE Flushing	**Analysis Turnaround Time**		
Site: 40-22 College Pt. Blvd.	Standard (Specify) X		
PO # 30141-0116 Flushing, NY.	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-vapor-5	2/8/10	1529	1545	-30	-12	4611	4910	X									X		
CE-vapor-6	2/8/10	1529	1545	-30	0	4667	3405	X									X		
CE-vapor-7	2/8/10	1530	1546	-29.3	-4	4689	3571	X									X		
CE-vapor-8	2/8/10	1530	1546	~~-29.3~~ -30	-12	4621	4873	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Steve Green	Date/Time: 2/8/10 1625	Samples Received by:	2/8/10 1625
Samples Relinquished by:	Date/Time: 2/8/10 1800	Received by:	2/8/10 1800
Relinquished by:	Date/Time:	Received by:	2/9/10 1005

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix Spike - Sample No.: FA021610LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		11	110	70-130
Chloromethane	10		9.8	98	70-130
Vinyl Chloride	10		10	100	70-130
1,3-Butadiene	10		11	110	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		9.2	92	70-130
Bromoethene	10		11	110	70-130
Trichlorofluoromethane	10		10	100	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		9.1	91	70-130
Isopropyl Alcohol	10		8.6	86	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		9.6	96	70-130
Methylene chloride	10		9.8	98	70-130
tert-Butyl Alcohol	10		9.1	91	70-130
Methyl tert-Butyl Ether	10		11	110	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
n-Hexane	10		9.3	93	70-130
1,1-Dichloroethane	10		10	100	70-130
Methyl Ethyl Ketone	10		9.8	98	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
1,2-Dichloroethene,Tota	20		22	110	70-130
Chloroform	10		11	110	70-130
Tetrahydrofuran	10		9.1	91	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		11	110	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix Spike - Sample No.: FA021610LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		10	100	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		10	100	70-130
n-Heptane	10		9.4	94	70-130
Trichloroethene	10		11	110	70-130
1,2-Dichloropropane	10		10	100	70-130
1,4-Dioxane	10		9.0	90	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		11	110	70-130
Methyl Isobutyl Ketone	10		9.5	95	70-130
Toluene	10		10	100	70-130
trans-1,3-Dichloroprope	10		10	100	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		12	120	70-130
Methyl Butyl Ketone	10		9.4	94	70-130
Dibromochloromethane	10		12	120	70-130
1,2-Dibromoethane	10		11	110	70-130
Chlorobenzene	10		11	110	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		21	105	70-130
Xylene (o)	10		11	110	70-130
Xylenes, Total	30		33	110	70-130
Styrene	10		11	110	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		10	100	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		11	110	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix Spike - Sample No.: FA021610LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		11	110	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		9.0	90	70-130
Hexachlorobutadiene	10		9.9	99	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID: FDLB01N Lab Sample ID: MBLK021610FA

Date Analyzed: 02/16/10 Time Analyzed: 1549

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA021610LCS	FA021610LCS	FDL10NQ	1459
02	CE-VAPOR-2	820121	820121D	2229
03	CE-VAPOR-4	820123	820123D	0012
04	CE-AA	820124	820124	0100
05	CE-VAPOR-6	820126	820126	0244
06	CE-VAPOR-8	820128	820128	0427
07	CE-VAPOR-5	820125	820125D	0823
08	CE-VAPOR-7	820127	820127D	0914
09	CE-VAPOR-1	820120	820120D2	1006
10	CE-VAPOR-3	820122	820122D2	1056
11				
12				
13				
14				
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28				
29				
30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID: FDL01PV BFB Injection Date: 02/03/10

Instrument ID: F BFB Injection Time: 1925

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.4
75	30.0 - 66.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	99.0
175	4.0 - 9.0% of mass 174	6.8 (6.9)1
176	93.0 - 101.0% of mass 174	95.2 (96.2)1
177	5.0 - 9.0% of mass 176	6.1 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDL002V	02/03/10	2106
02	ASTD0.5	ASTD0.5	FDL005V	02/03/10	2157
03	ASTD005	ASTD005	FDL05V	02/03/10	2248
04	ASTD010	ASTD010	FDL10V	02/03/10	2339
05	ASTD015	ASTD015	FDL15V	02/04/10	0029
06	ASTD020	ASTD020	FDL20V	02/04/10	0119
07	ASTD040	ASTD040	FDL40V	02/04/10	0209
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID: FDL15PV BFB Injection Date: 02/16/10

Instrument ID: F BFB Injection Time: 1320

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.0
75	30.0 - 66.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	99.7
175	4.0 - 9.0% of mass 174	6.9 (6.9)1
176	93.0 - 101.0% of mass 174	96.3 (96.6)1
177	5.0 - 9.0% of mass 176	6.4 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDL10NV	02/16/10	1408
02	FA021610LCS	FA021610LCS	FDL10NQ	02/16/10	1459
03	MBLK021610FA	MBLK021610FA	FDLB01N	02/16/10	1549
04	CE-VAPOR-2	820121	820121D	02/16/10	2229
05	CE-VAPOR-4	820123	820123D	02/17/10	0012
06	CE-AA	820124	820124	02/17/10	0100
07	CE-VAPOR-6	820126	820126	02/17/10	0244
08	CE-VAPOR-8	820128	820128	02/17/10	0427
09	CE-VAPOR-5	820125	820125D	02/17/10	0823
10	CE-VAPOR-7	820127	820127D	02/17/10	0914
11	CE-VAPOR-1	820120	820120D2	02/17/10	1006
12	CE-VAPOR-3	820122	820122D2	02/17/10	1056
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID (Standard): FDL10NV Date Analyzed: 02/16/10

Instrument ID: F Time Analyzed: 1408

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	245168	9.65	1169759	11.04	1160990	15.13
	UPPER LIMIT	343235	9.98	1637663	11.37	1625386	15.46
	LOWER LIMIT	147101	9.32	701855	10.71	696594	14.80
	CLIENT SAMPLE NO.						
01	FA021610LCS	262745	9.65	1264139	11.04	1238797	15.13
02	MBLK021610FA	258747	9.64	1244234	11.03	1179849	15.13
03	CE-VAPOR-2	213410	9.64	1018761	11.04	943344	15.13
04	CE-VAPOR-4	210779	9.64	1026975	11.03	1002898	15.13
05	CE-AA	194213	9.64	897702	11.03	840910	15.13
06	CE-VAPOR-6	245179	9.64	1177476	11.03	1143507	15.13
07	CE-VAPOR-8	231757	9.64	1098906	11.03	1043122	15.13
08	CE-VAPOR-5	193818	9.65	934923	11.04	894276	15.13
09	CE-VAPOR-7	212371	9.64	1022736	11.03	954972	15.13
10	CE-VAPOR-1	233278	9.64	1129862	11.04	1153585	15.14
11	CE-VAPOR-3	228813	9.64	1086558	11.03	933262	15.13
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

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

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

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

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820124

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820124

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.64	
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.26	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	2.3	
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.93	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.32	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820124

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820124

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

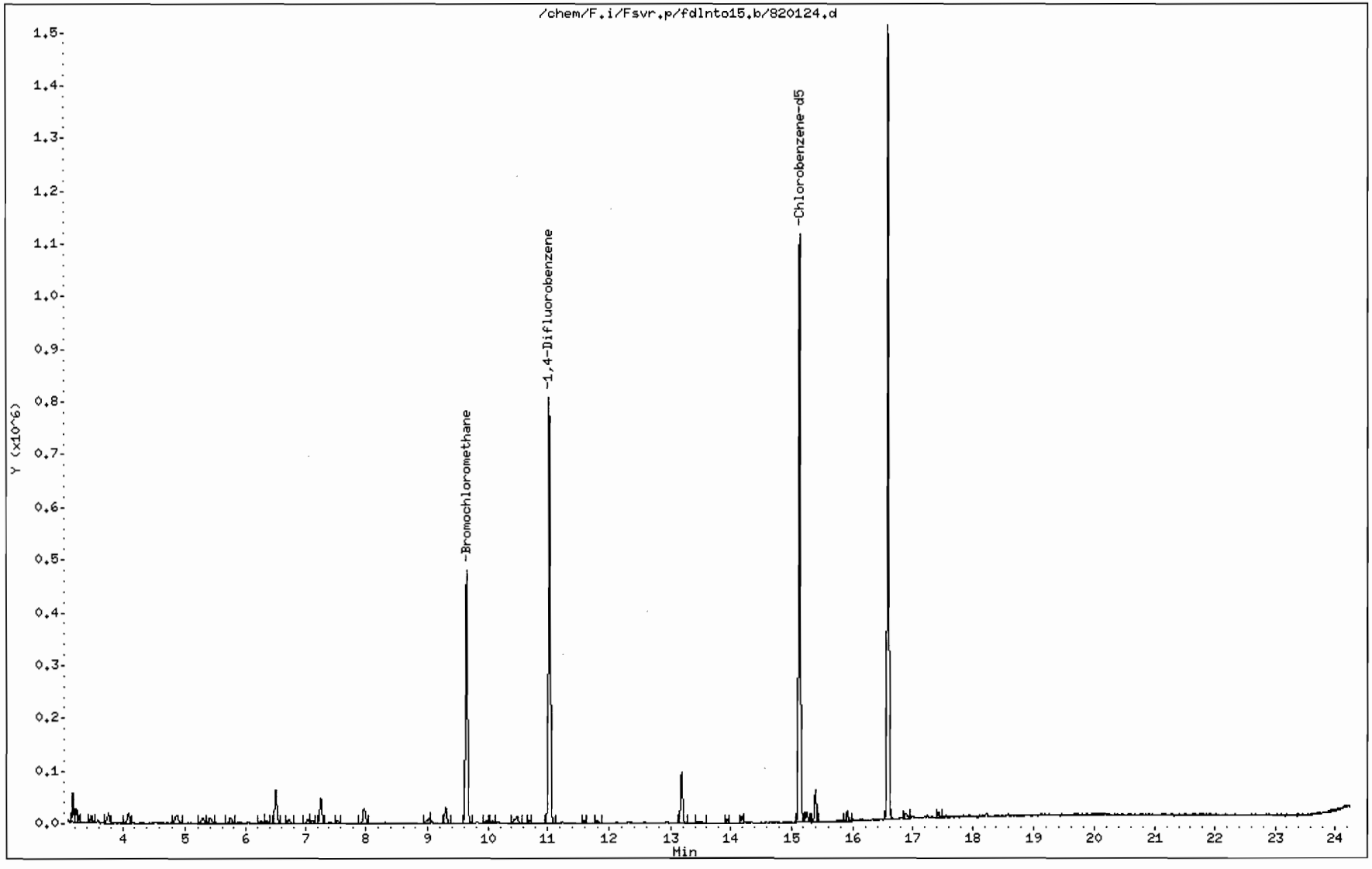
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	1.4	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.21	
1330-20-7	Xylene (m,p)	0.66	
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.67	
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d
Date : 17-FEB-2010 01:00
Client ID: CE-AA
Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820124.d
Lab Smp Id: 820124 Client Smp ID: CE-AA
Inj Date : 17-FEB-2010 01:00
Operator : wrd Inst ID: F.i
Smp Info : CE-AA :[ ]02/08/10 @1501(AIR)
Misc Info : 820124;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	3.584	3.595	(0.372)	5982	0.63879	0.64
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.275	5.291	(0.547)	15694	0.25958	0.26
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.505	6.516	(0.675)	110345	5.01796	5.0
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	7.265	7.281	(0.754)	33501	2.26835	2.3
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	7.982	7.993	(0.828)	21081	0.93443	0.93
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	194213	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.485	10.502	(0.951)	15770	0.32244	0.32
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	897702	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.176	13.187	(0.871)	54209	1.40111	1.4
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	840910	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.241	15.252	(1.007)	18195	0.21239	0.21
	69 Xylene (m,p)	106	15.386	15.402	(1.017)	22913	0.65519	0.66
	71 Xylene (o)	106	Compound Not Detected.					
M	70 Xylenes, Total	106				22913	0.67166	0.67
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

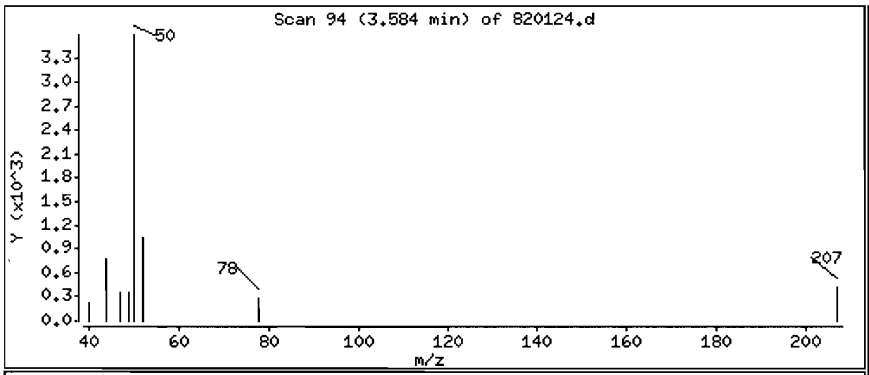
Operator: wrd

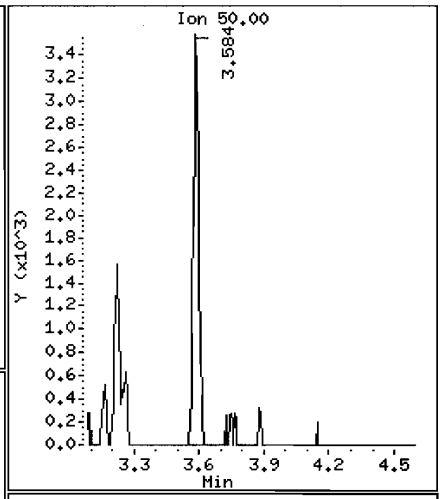
Column phase: RTX-624

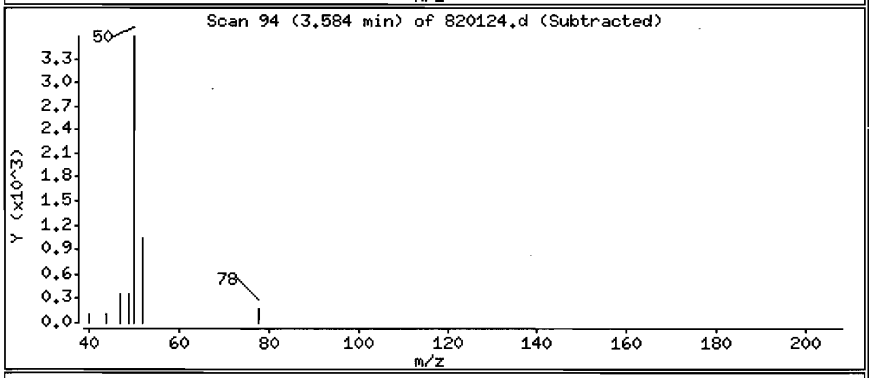
Column diameter: 0.32

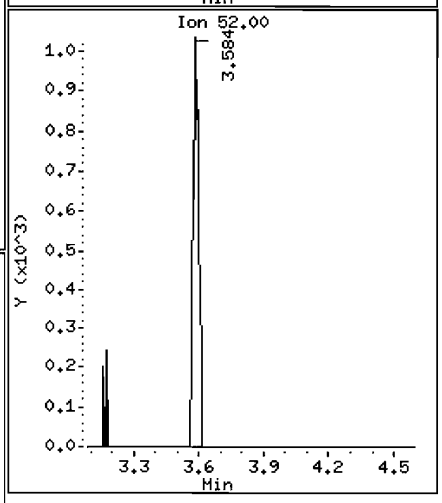
5 Chloromethane

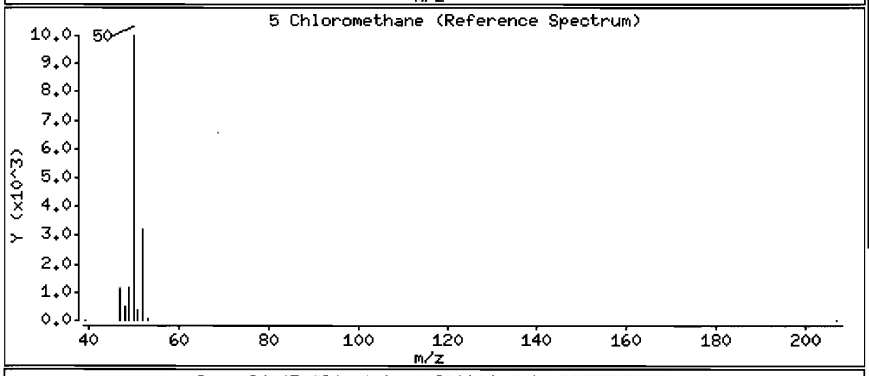
Concentration: 0.64 ppbv

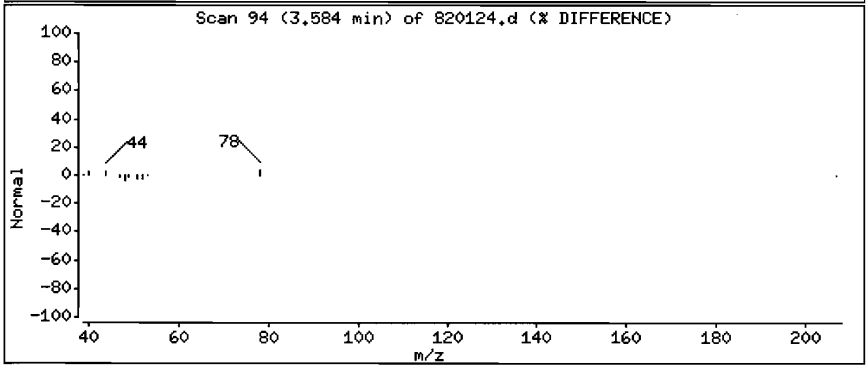












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

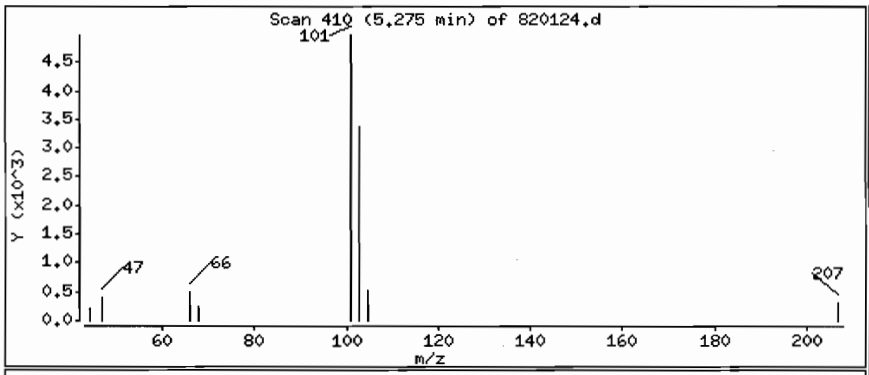
Operator: wrd

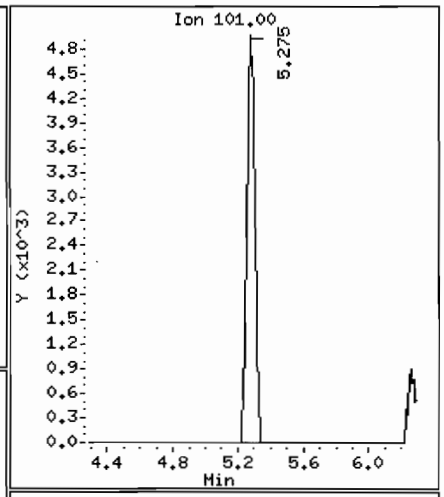
Column phase: RTX-624

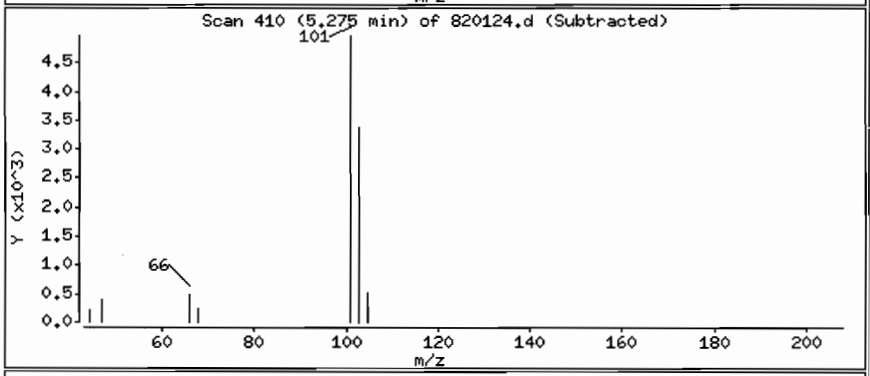
Column diameter: 0.32

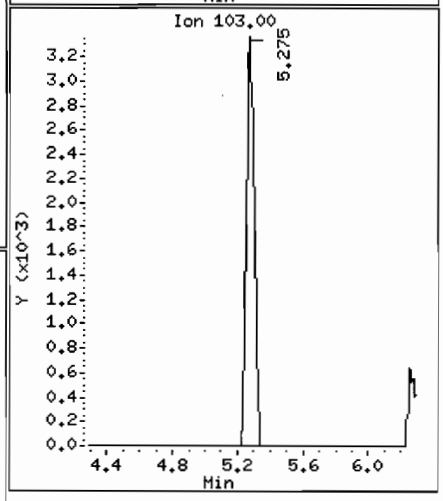
13 Trichlorofluoromethane

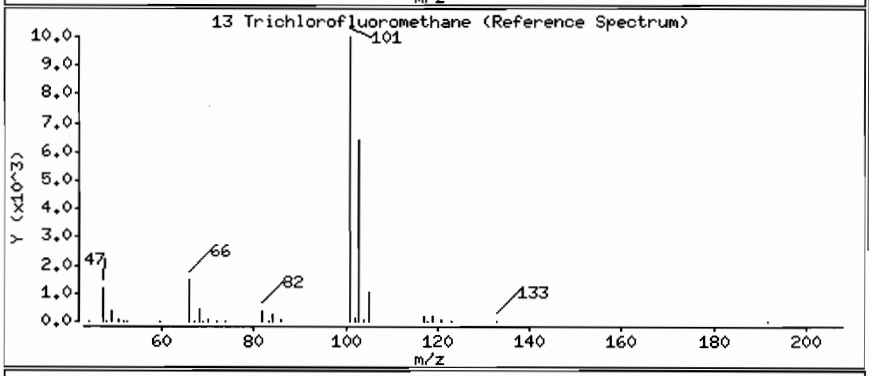
Concentration: 0.26 ppbv

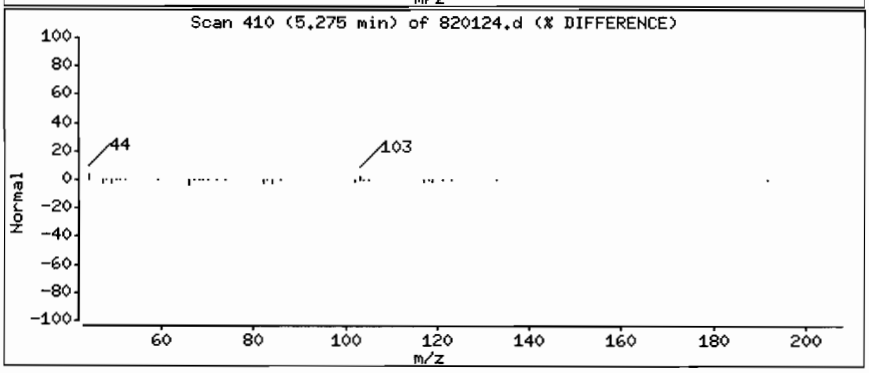












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

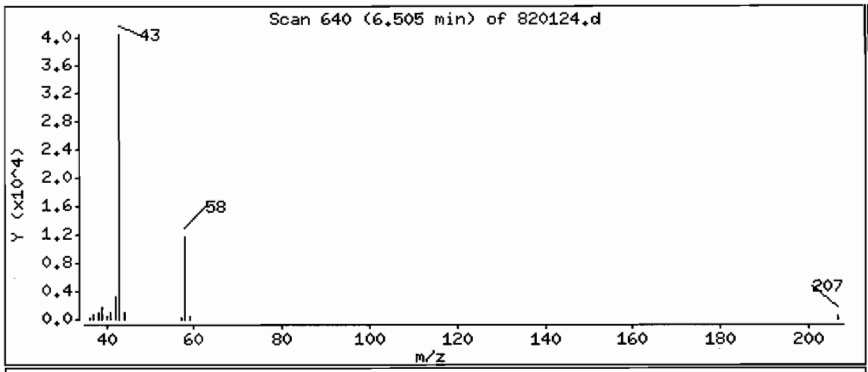
Operator: wrd

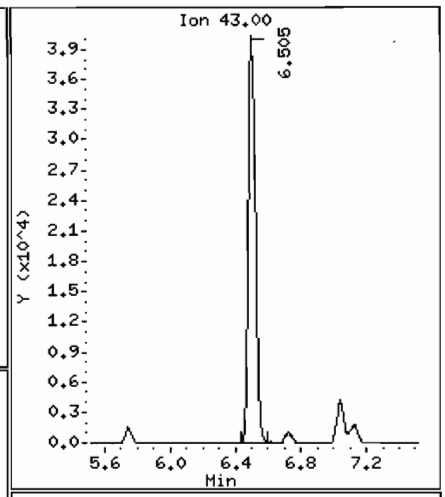
Column phase: RTX-624

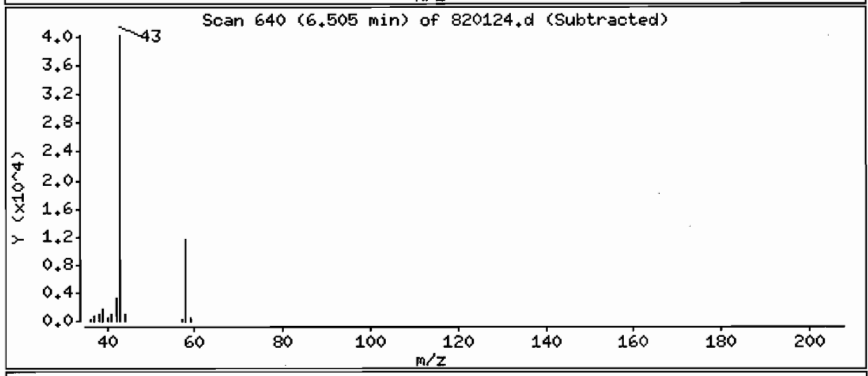
Column diameter: 0.32

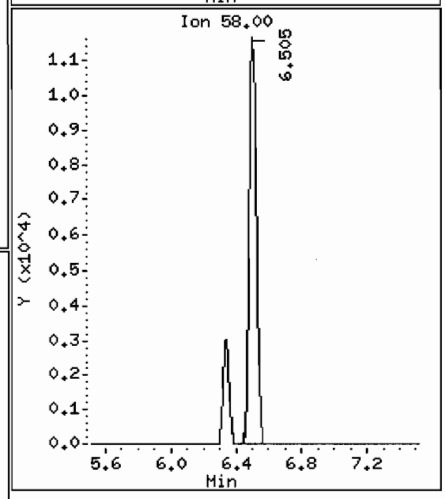
20 Acetone

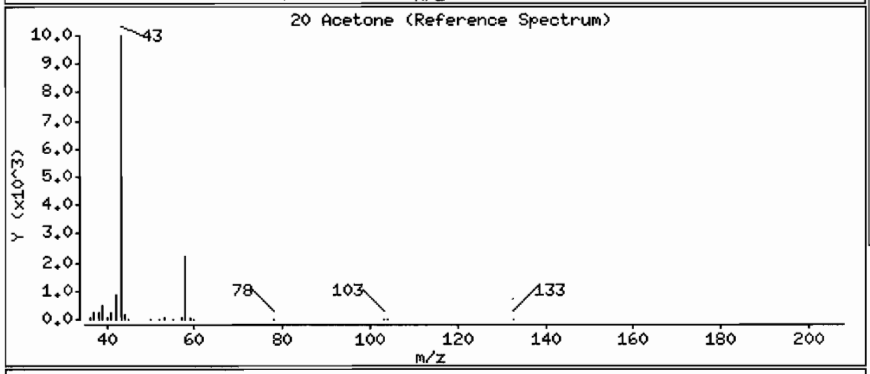
Concentration: 5.0 ppbv

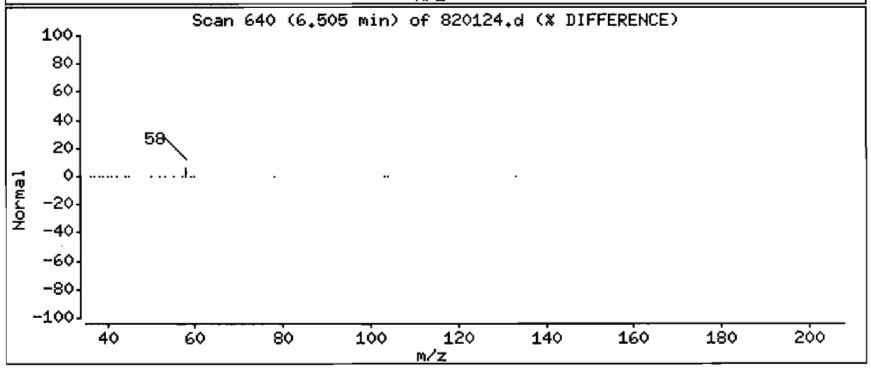












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

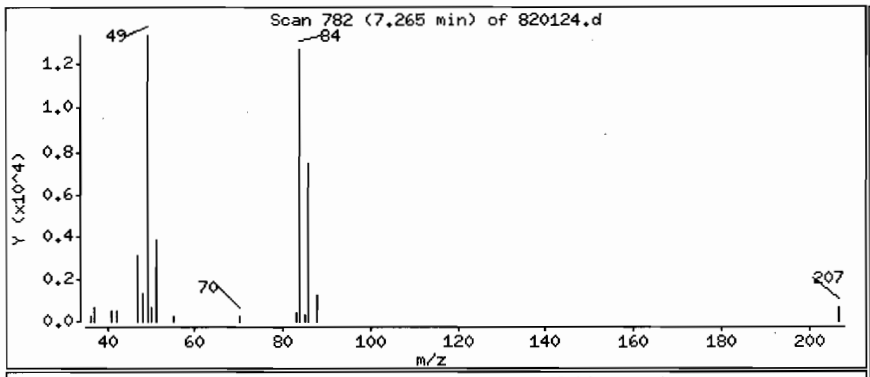
Operator: wrd

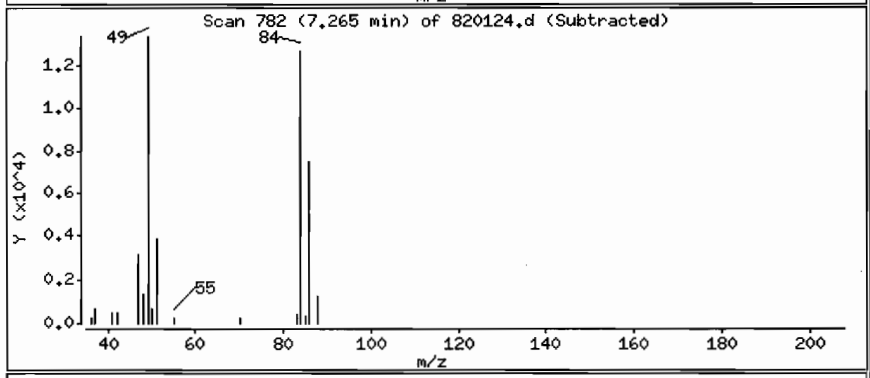
Column phase: RTX-624

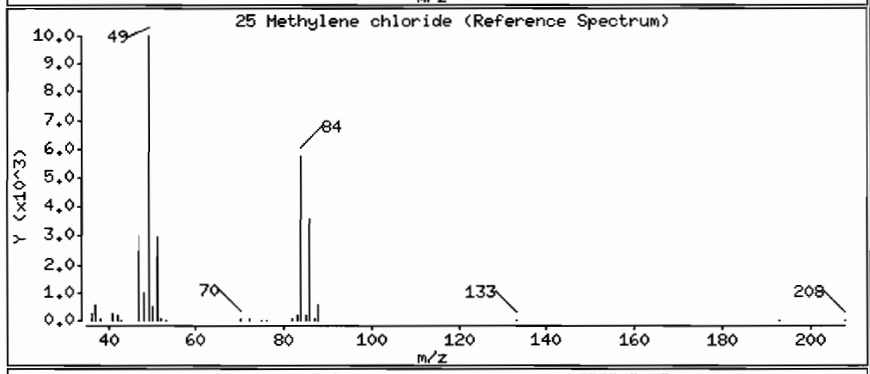
Column diameter: 0.32

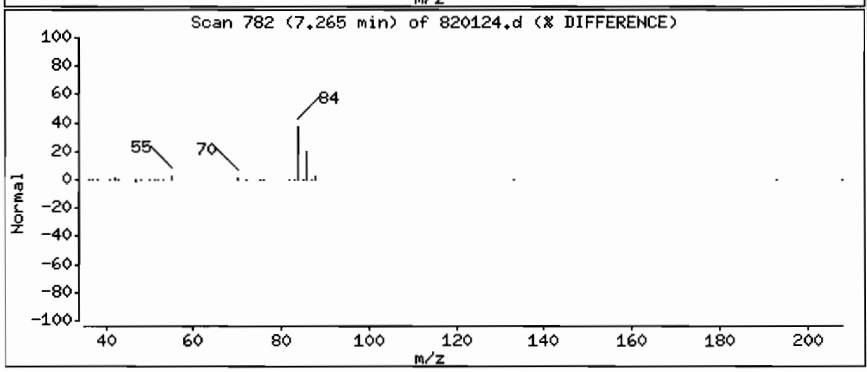
25 Methylene chloride

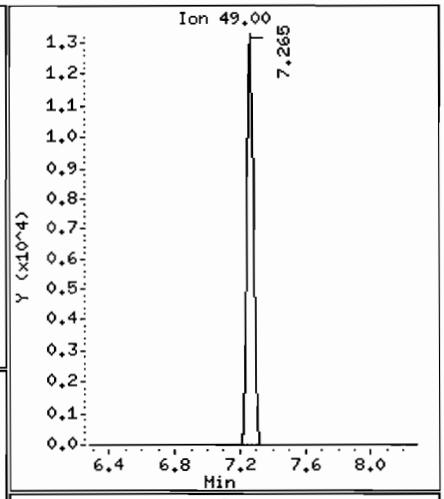
Concentration: 2.3 ppbv

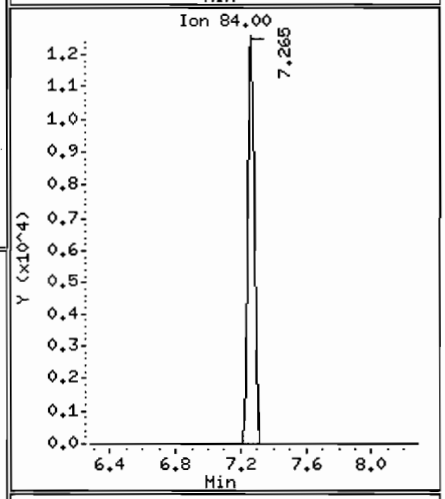


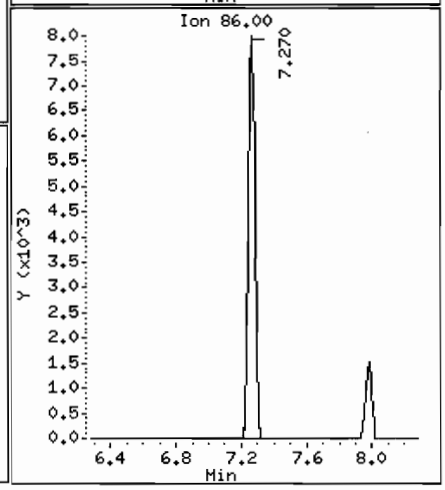












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

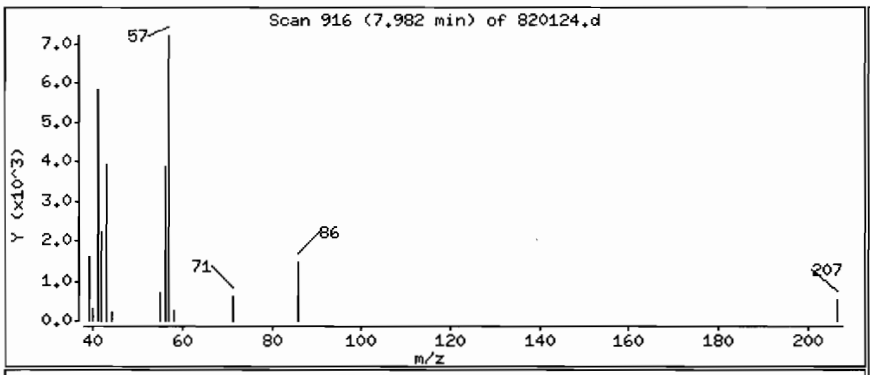
Operator: wrd

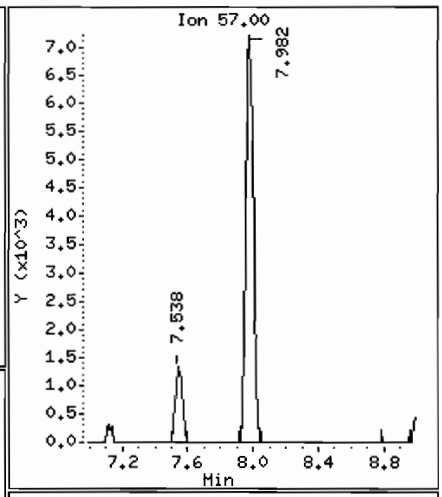
Column phase: RTX-624

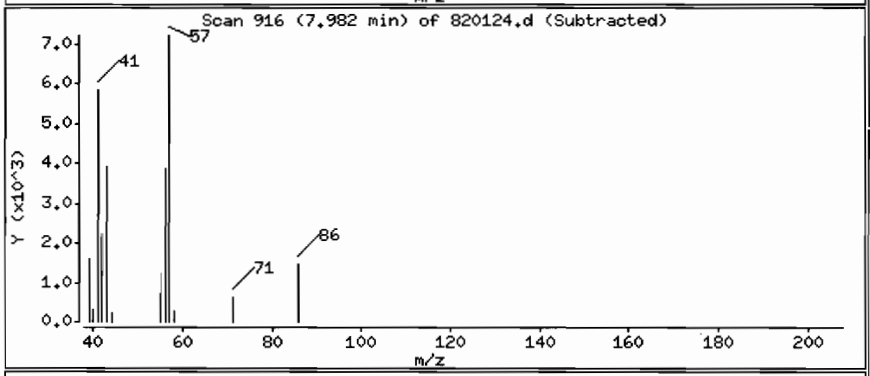
Column diameter: 0.32

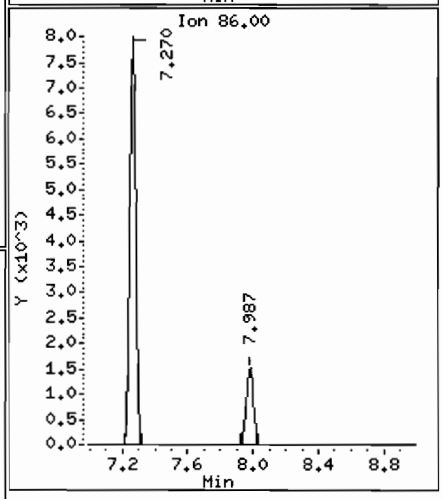
30 n-Hexane

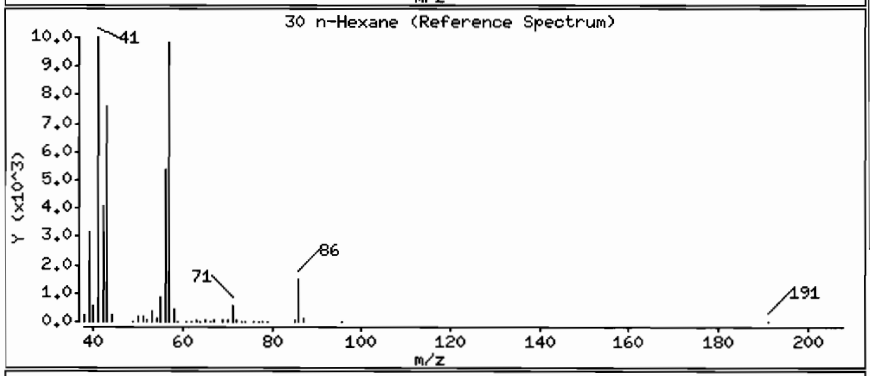
Concentration: 0.93 ppbv

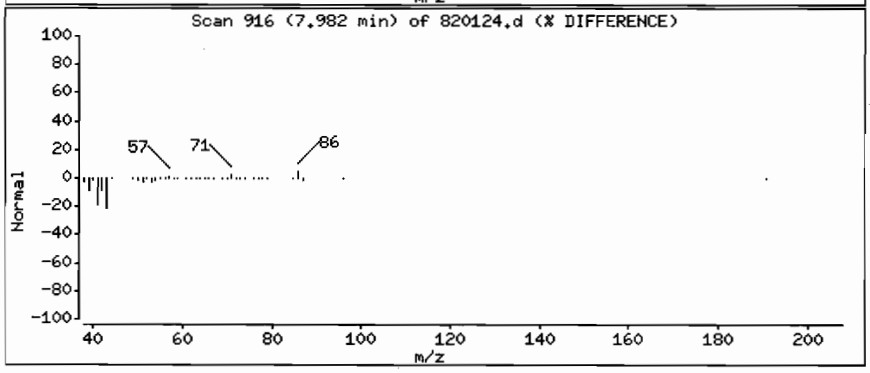












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

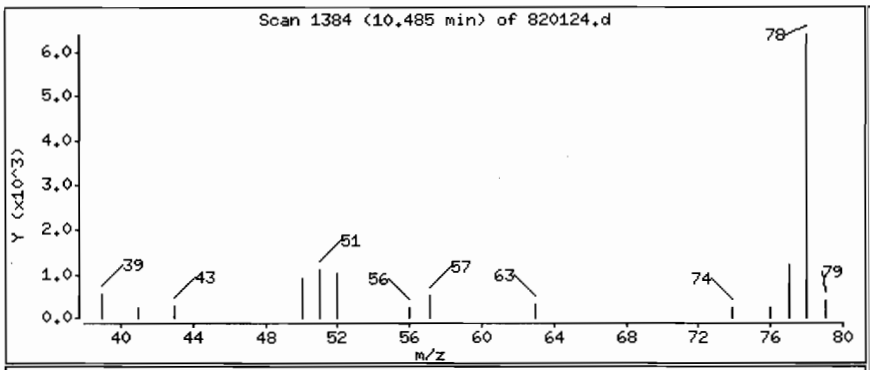
Operator: wrd

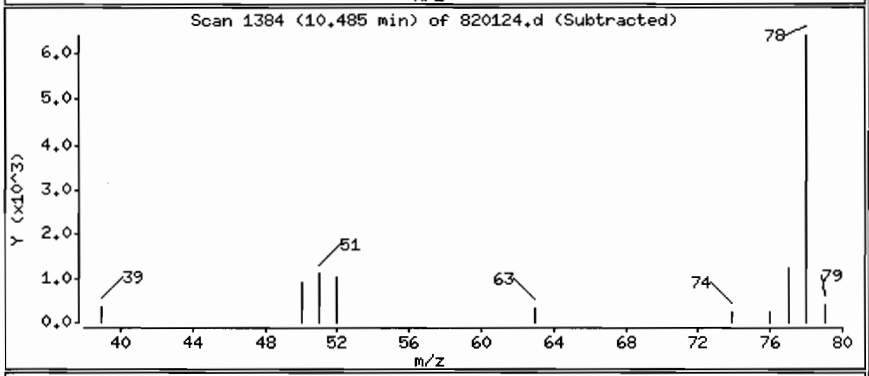
Column phase: RTX-624

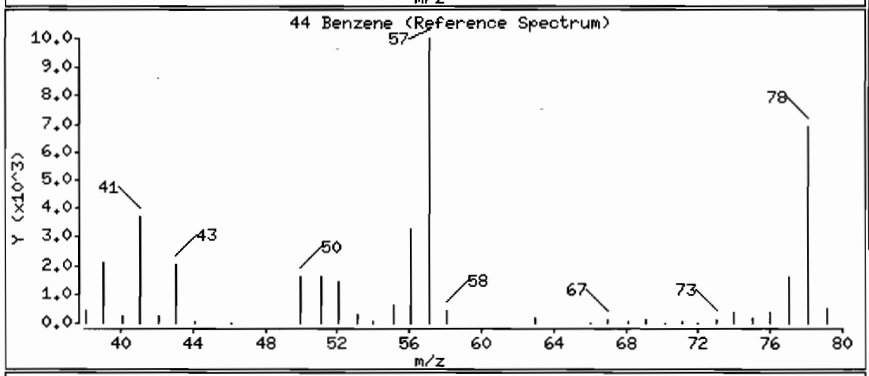
Column diameter: 0.32

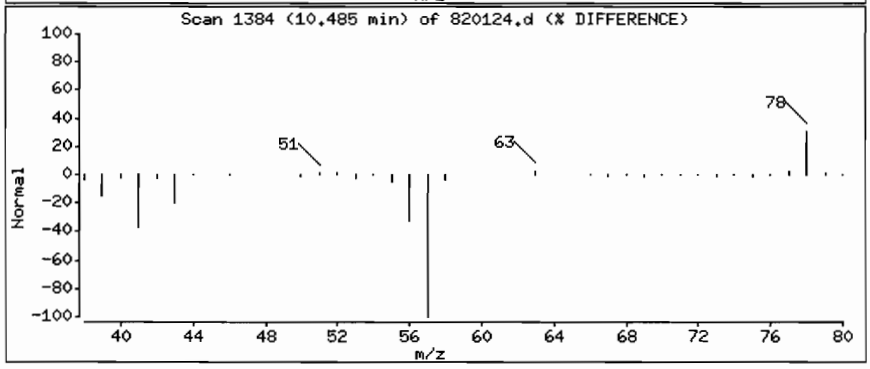
44 Benzene

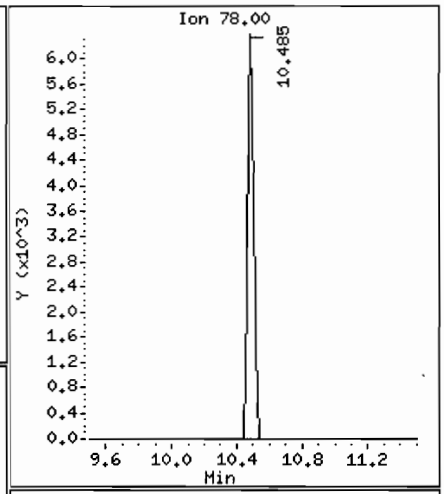
Concentration: 0.32 ppbv

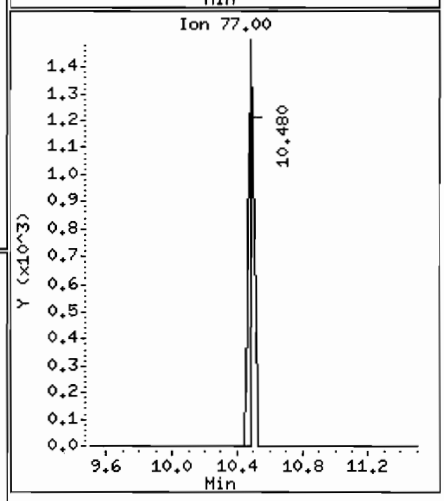












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

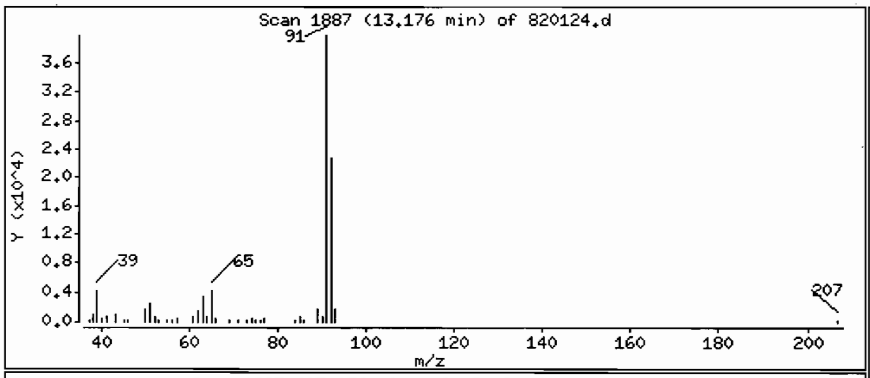
Operator: wrd

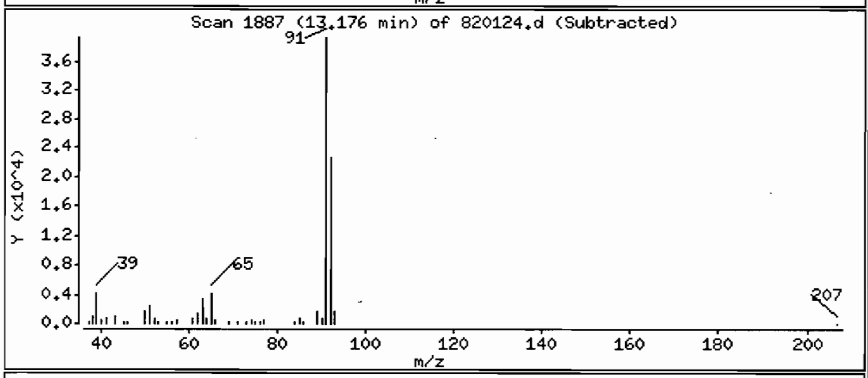
Column phase: RTX-624

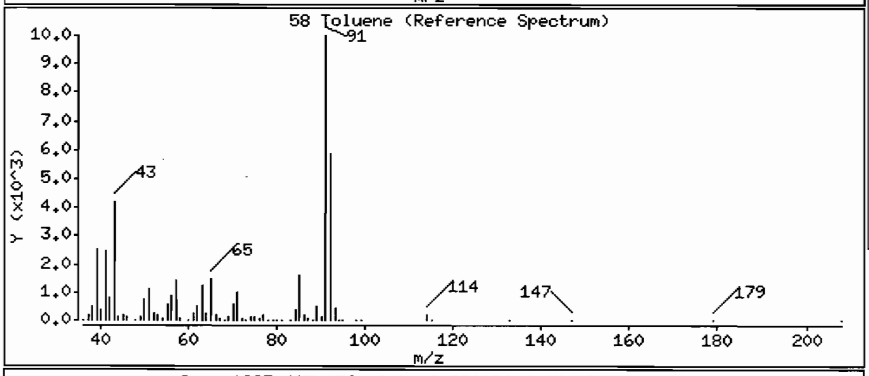
Column diameter: 0.32

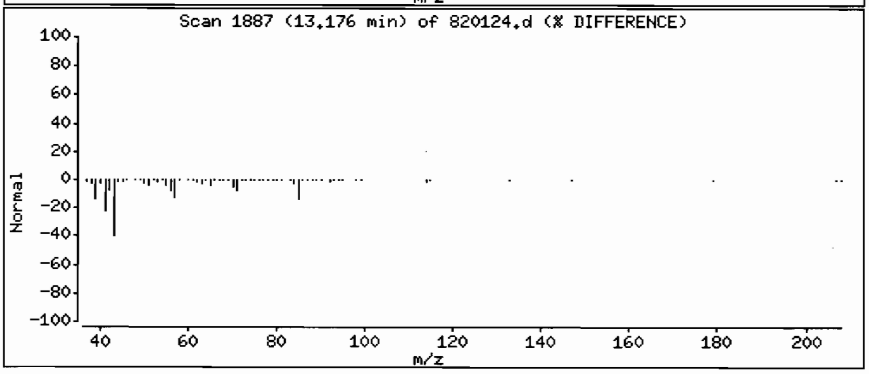
58 Toluene

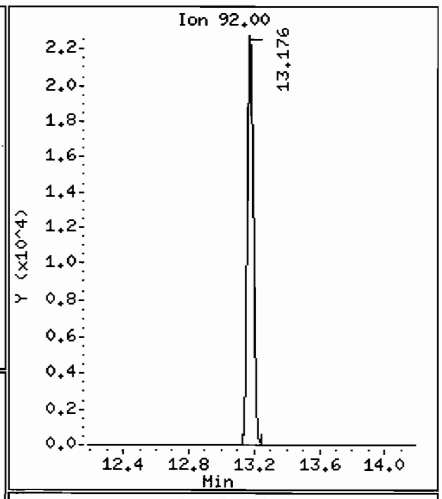
Concentration: 1.4 ppbv

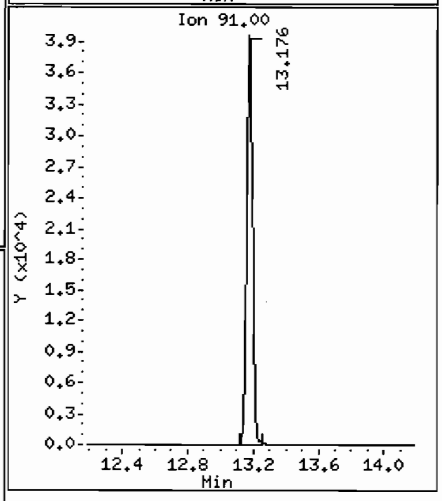












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

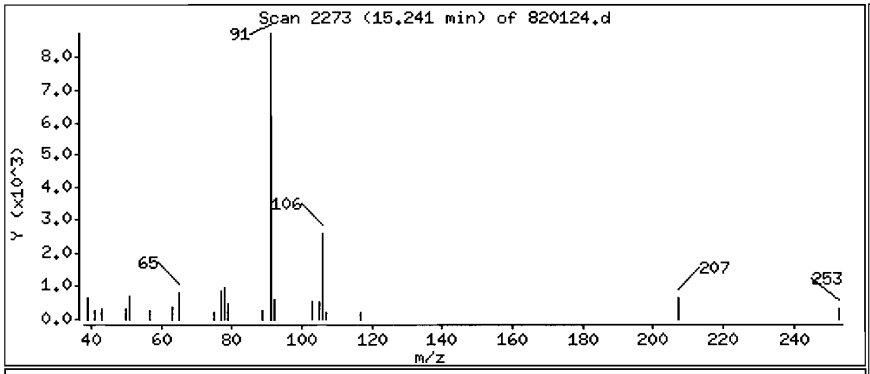
Operator: wrd

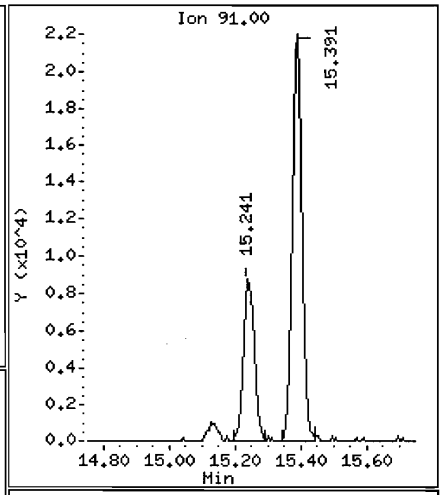
Column phase: RTX-624

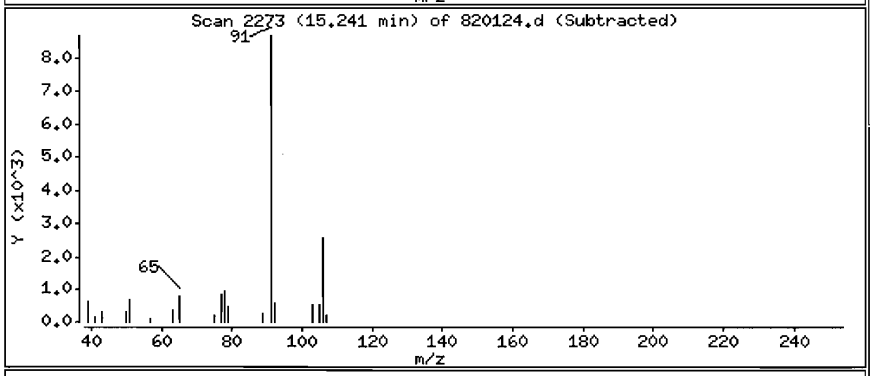
Column diameter: 0.32

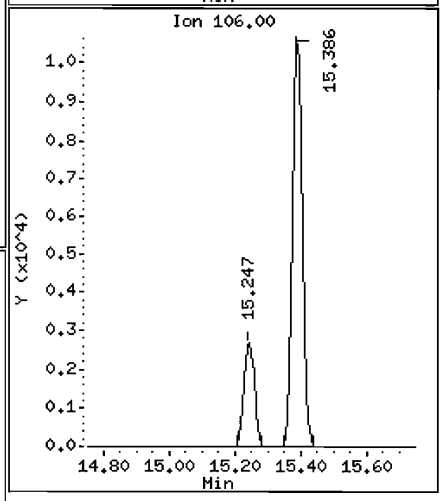
68 Ethylbenzene

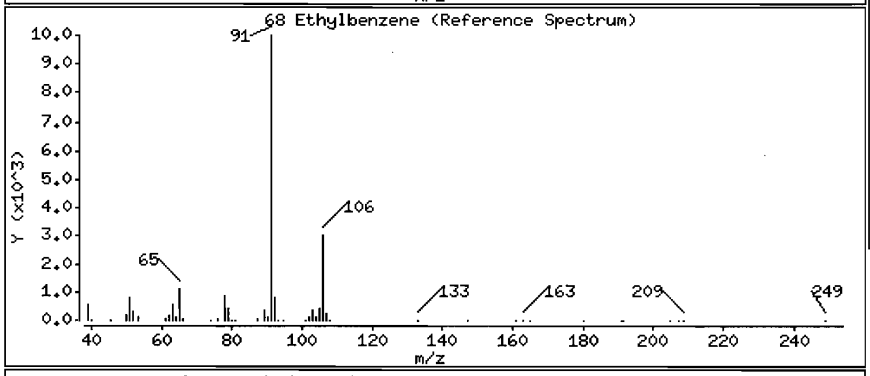
Concentration: 0.21 ppbv

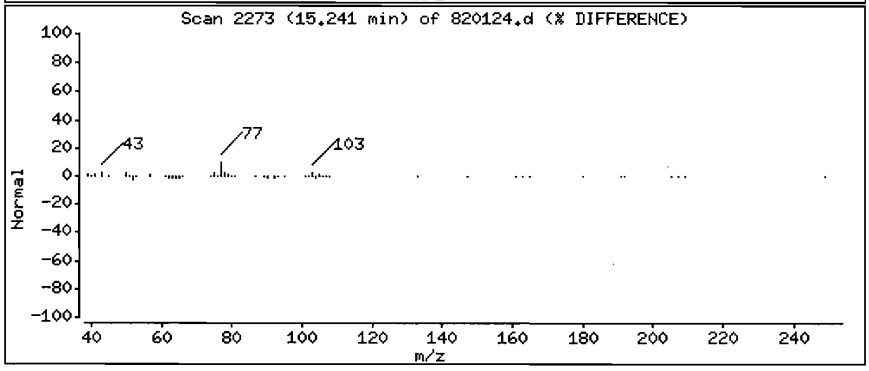












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

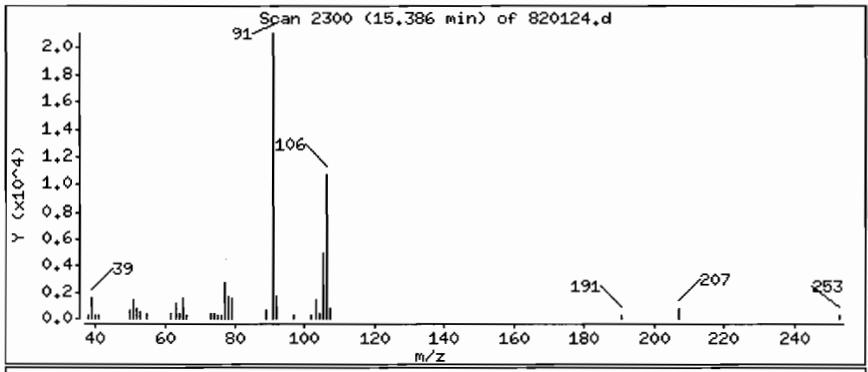
Operator: wrd

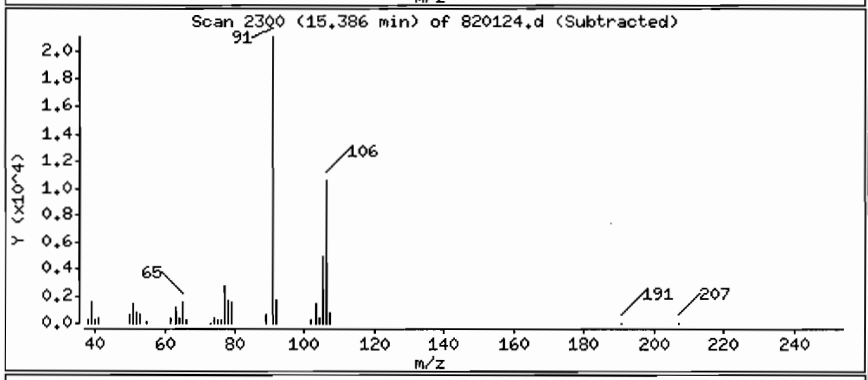
Column phase: RTX-624

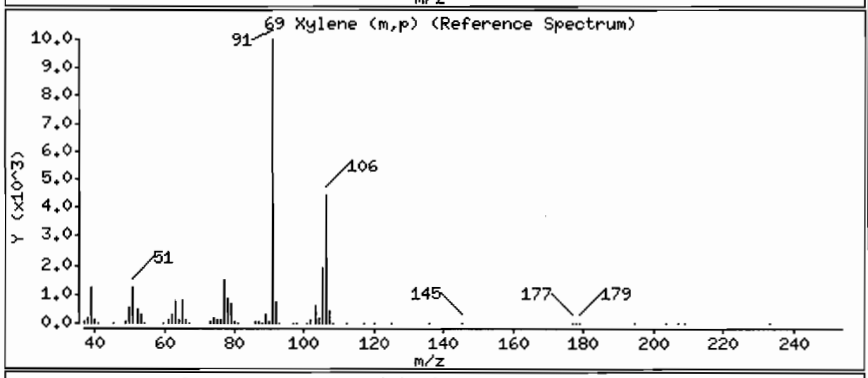
Column diameter: 0.32

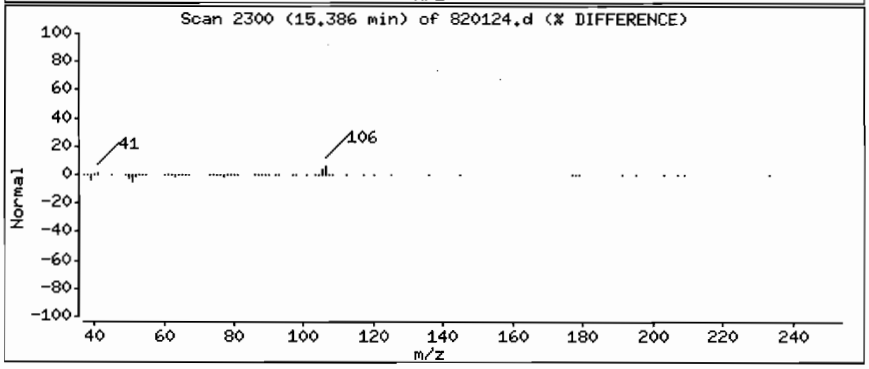
69 Xylene (m,p)

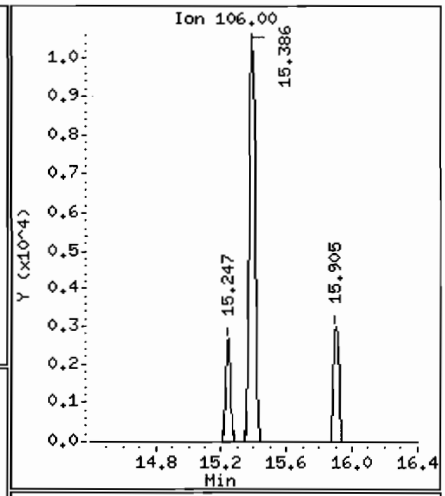
Concentration: 0.66 ppbv

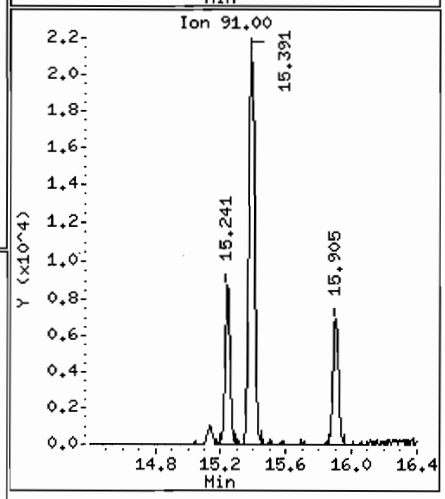












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820120

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820120D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.7	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.67	U
74-87-3	Chloromethane	1.7	U
75-01-4	Vinyl Chloride	0.67	U
106-99-0	1,3-Butadiene	1.7	U
74-83-9	Bromomethane	0.67	U
75-00-3	Chloroethane	1.7	U
593-60-2	Bromoethene	0.67	U
75-69-4	Trichlorofluoromethane	0.67	U
76-13-1	Freon TF	0.67	U
75-35-4	1,1-Dichloroethene	0.67	U
67-64-1	Acetone	17	U
67-63-0	Isopropyl Alcohol	64	
75-15-0	Carbon disulfide	1.7	U
107-05-1	3-Chloropropene	1.7	U
75-09-2	Methylene chloride	1.9	
75-65-0	tert-Butyl Alcohol	17	U
1634-04-4	Methyl tert-Butyl Ether	1.7	U
156-60-5	trans-1,2-Dichloroethene	0.67	U
110-54-3	n-Hexane	1.7	U
75-34-3	1,1-Dichloroethane	0.67	U
78-93-3	Methyl Ethyl Ketone	1.7	U
156-59-2	cis-1,2-Dichloroethene	0.67	U
540-59-0	1,2-Dichloroethene,Total	0.67	U
67-66-3	Chloroform	0.67	U
109-99-9	Tetrahydrofuran	17	U
71-55-6	1,1,1-Trichloroethane	0.67	U
110-82-7	Cyclohexane	1.3	
56-23-5	Carbon tetrachloride	0.67	U
540-84-1	2,2,4-Trimethylpentane	0.67	U
71-43-2	Benzene	0.81	
107-06-2	1,2-Dichloroethane	0.67	U
142-82-5	n-Heptane	6.7	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820120

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820120D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

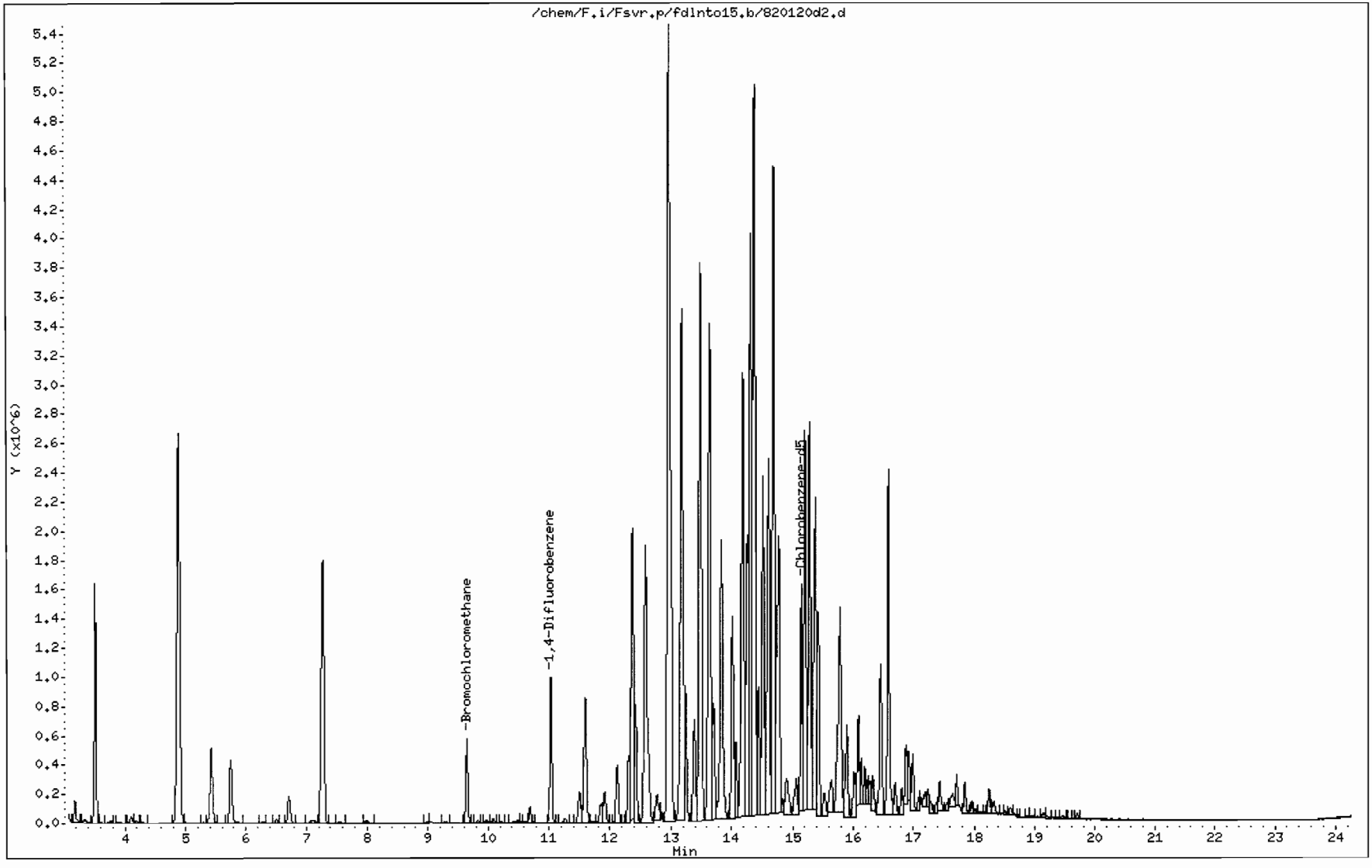
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.67	U
78-87-5	1,2-Dichloropropane	0.67	U
123-91-1	1,4-Dioxane	17	U
75-27-4	Bromodichloromethane	0.67	U
10061-01-5	cis-1,3-Dichloropropene	0.67	U
108-10-1	Methyl Isobutyl Ketone	1.7	U
108-88-3	Toluene	4.2	
10061-02-6	trans-1,3-Dichloropropene	0.67	U
79-00-5	1,1,2-Trichloroethane	0.67	U
127-18-4	Tetrachloroethene	0.67	U
591-78-6	Methyl Butyl Ketone	1.7	U
124-48-1	Dibromochloromethane	0.67	U
106-93-4	1,2-Dibromoethane	0.67	U
108-90-7	Chlorobenzene	0.67	U
100-41-4	Ethylbenzene	3.6	
1330-20-7	Xylene (m,p)	6.8	
95-47-6	Xylene (o)	5.3	
1330-20-7	Xylenes, Total	12	
100-42-5	Styrene	0.77	
75-25-2	Bromoform	0.67	U
79-34-5	1,1,2,2-Tetrachloroethane	0.67	U
622-96-8	4-Ethyltoluene	2.0	
108-67-8	1,3,5-Trimethylbenzene	4.8	
95-49-8	2-Chlorotoluene	0.67	U
95-63-6	1,2,4-Trimethylbenzene	3.1	
541-73-1	1,3-Dichlorobenzene	3.4	
106-46-7	1,4-Dichlorobenzene	0.67	U
95-50-1	1,2-Dichlorobenzene	0.67	U
120-82-1	1,2,4-Trichlorobenzene	1.7	U
87-68-3	Hexachlorobutadiene	0.67	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d
Date : 17-FEB-2010 10:06
Client ID: CE-VAPOR-1
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)
Purge Volume: 60.0
Column phase: RTX-624

Instrument: F.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d
Lab Smp Id: 820120 Client Smp ID: CE-VAPOR-1
Inj Date : 17-FEB-2010 10:06
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)
Misc Info : 820120;021610FA;3.33;60
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 10
Dil Factor: 3.33000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	3.33000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	60.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.719	6.719	(0.697)	354130	19.1178	64
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	25 Methylene chloride	49	7.275	7.281	(0.755)	10014	0.56450	1.9(Q)
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	233278	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	9.982	9.983	(0.904)	10750	0.40410	1.3(Q)
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.501	10.502	(0.952)	15049	0.24448	0.81
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.969)	56480	2.01367	6.7
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1129862	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	66491	1.25275	4.2
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1153585	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	128219	1.09105	3.6
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	97482	2.03193	6.8
	71 Xylene (o)	106	15.910	15.915	(1.051)	74274	1.58710	5.3
M	70 Xylenes, Total	106				171756	3.67011	12
	72 Styrene	104	15.937	15.937	(1.053)	15947	0.23064	0.77(Q)
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	86942	0.58912	2.0
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.122)	176418	1.44967	4.8
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	115204	0.91795	3.1
	88 1,3-Dichlorobenzene	146	17.846	17.852	(1.179)	95515	1.01341	3.4
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

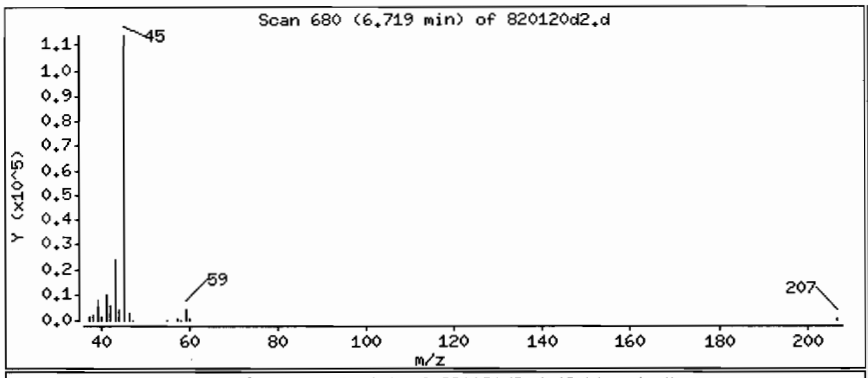
Client ID: CE-VAPOR-1 Instrument: F.i

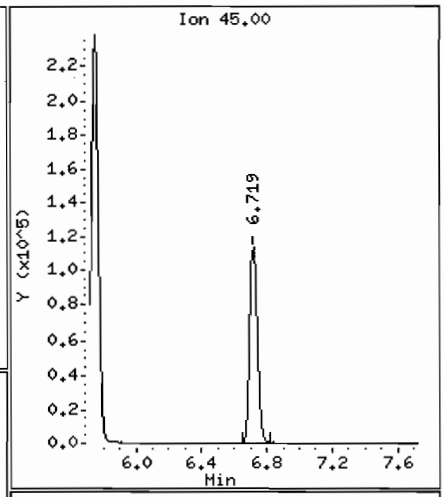
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

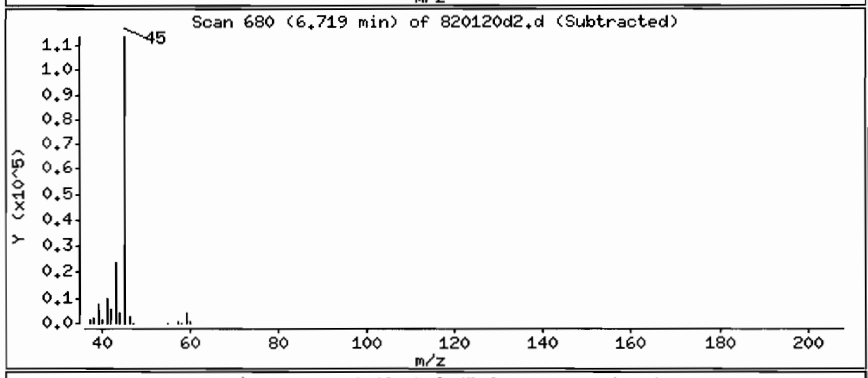
Purge Volume: 60.0 Operator: njr

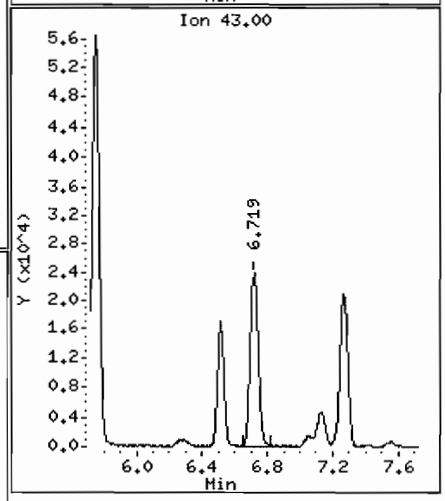
Column phase: RTX-624 Column diameter: 0.32

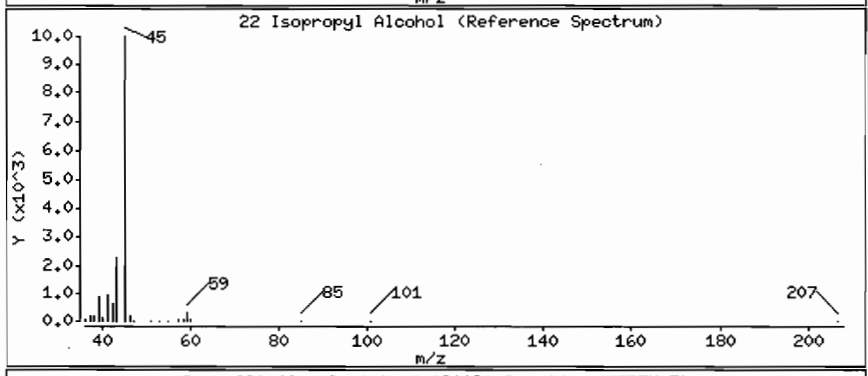
22 Isopropyl Alcohol Concentration: 64 ppbv

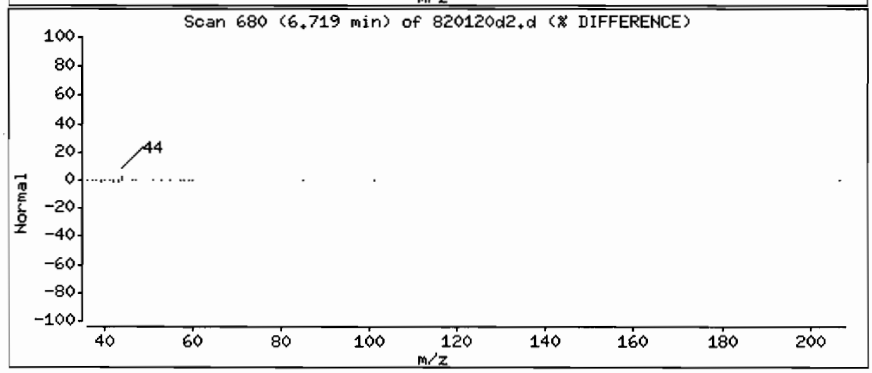












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

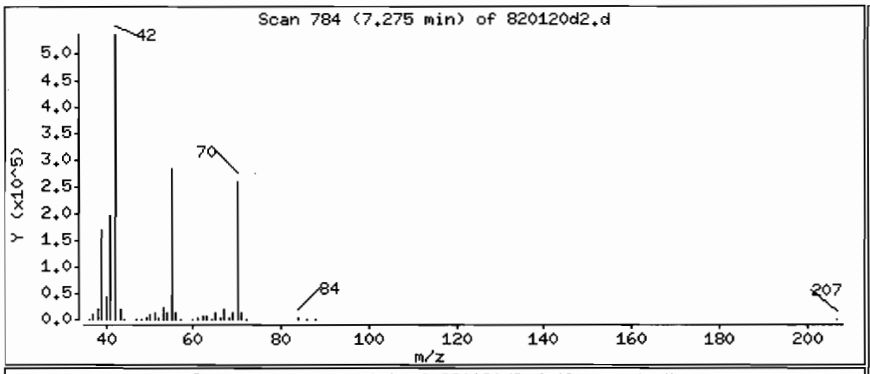
Client ID: CE-VAPOR-1 Instrument: F.i

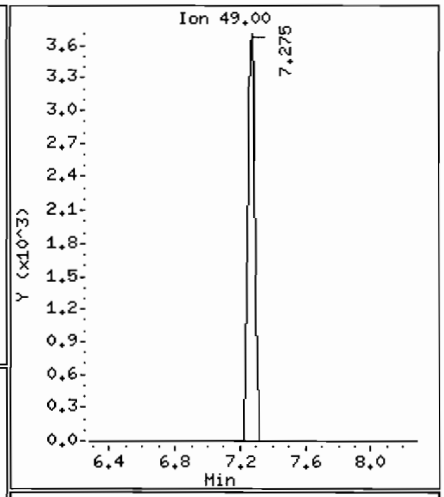
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

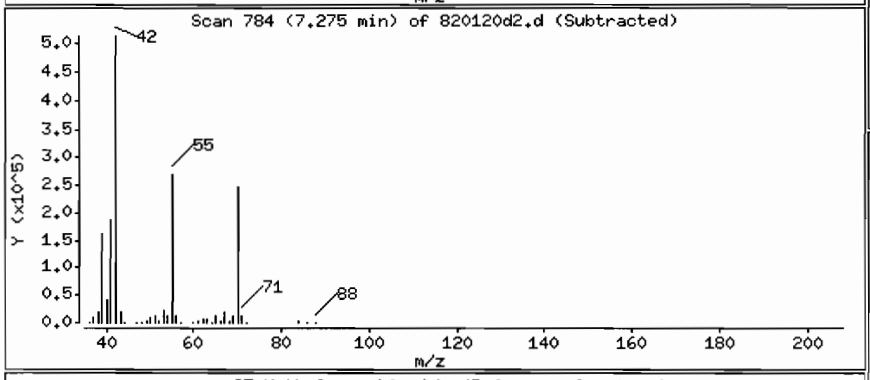
Purge Volume: 60.0 Operator: njr

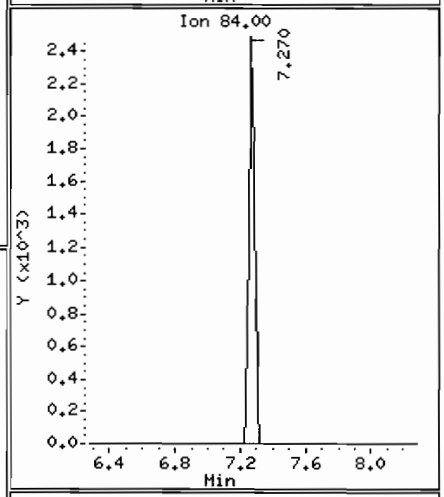
Column phase: RTX-624 Column diameter: 0.32

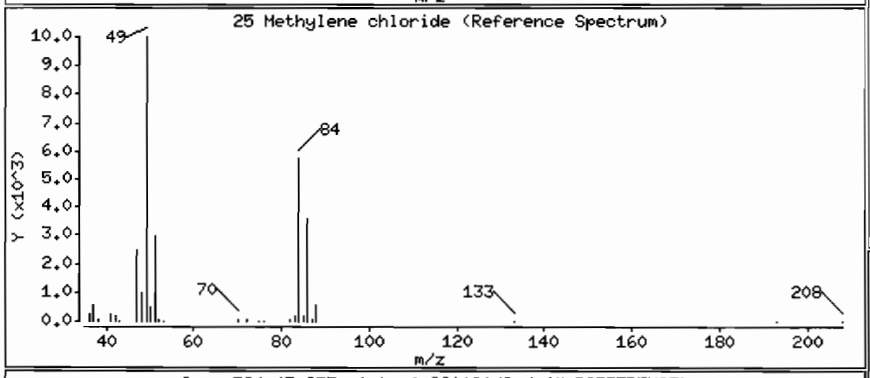
25 Methylene chloride Concentration: 1.9 ppbv

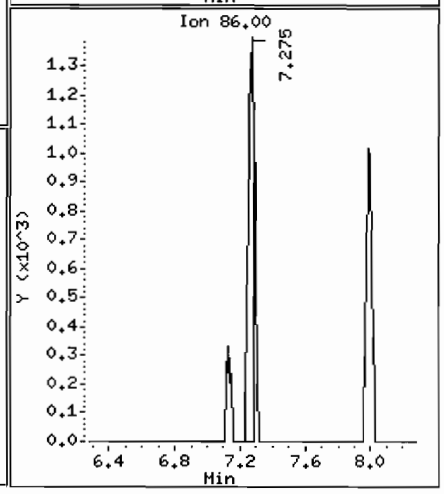


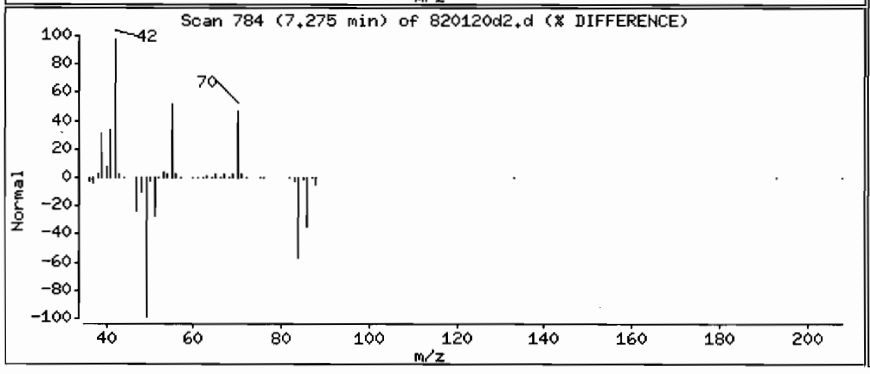












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Page 7

Date : 17-FEB-2010 10:06

Client ID: CE-VAPOR-1

Instrument: F.i

Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

Purge Volume: 60.0

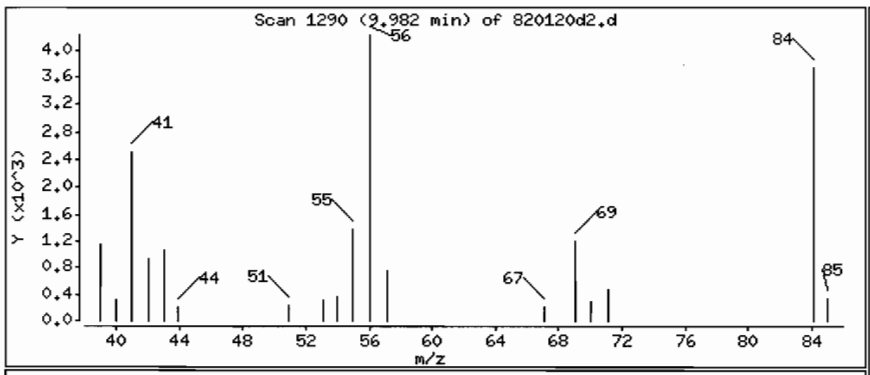
Operator: njr

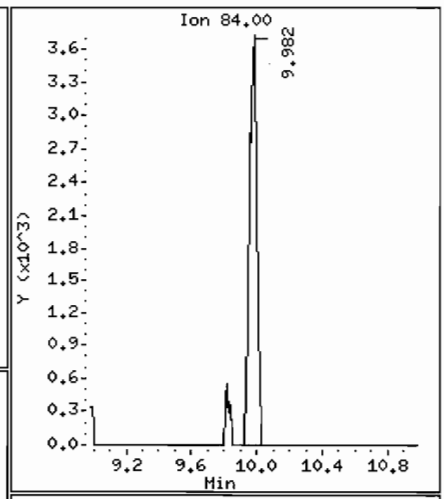
Column phase: RTX-624

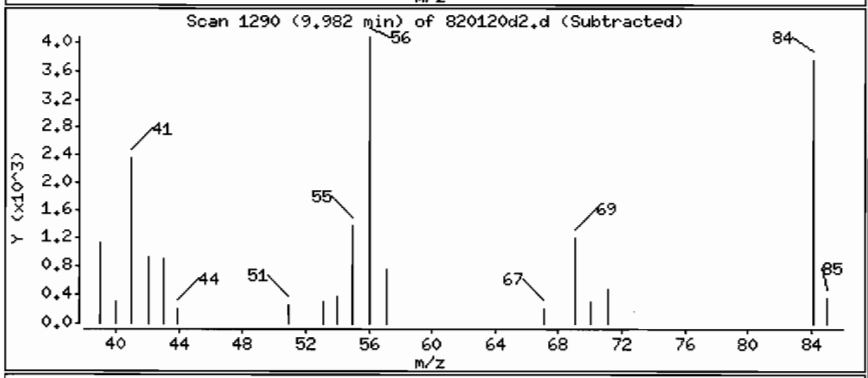
Column diameter: 0.32

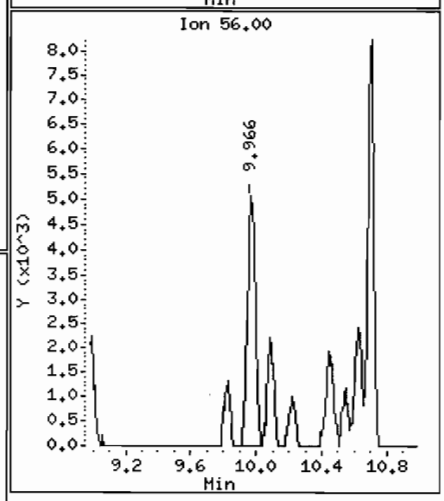
40 Cyclohexane

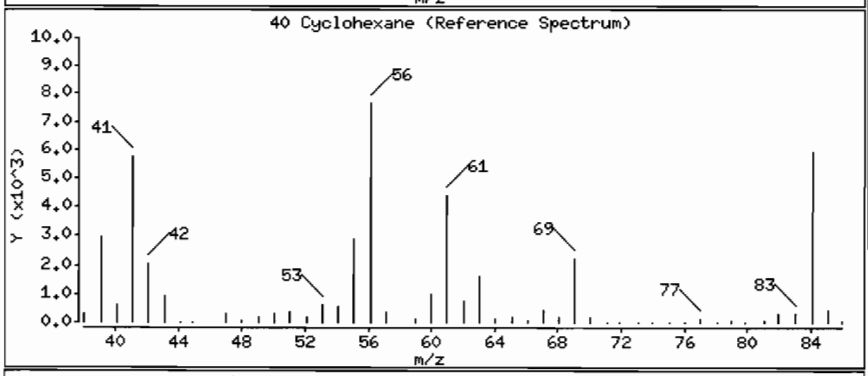
Concentration: 1.3 ppbv

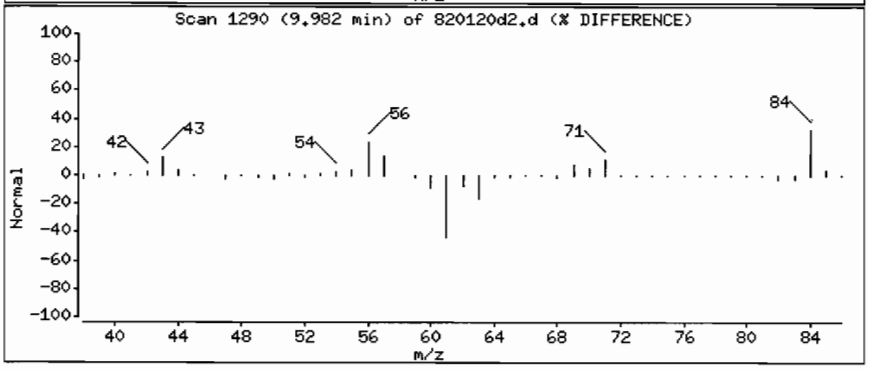












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

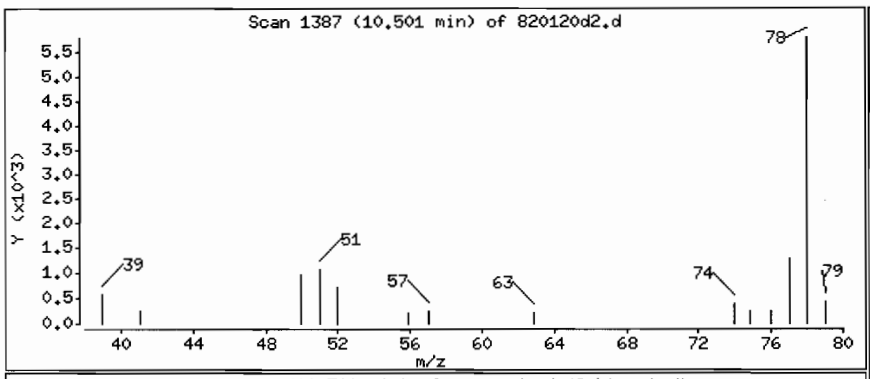
Client ID: CE-VAPOR-1 Instrument: F.i

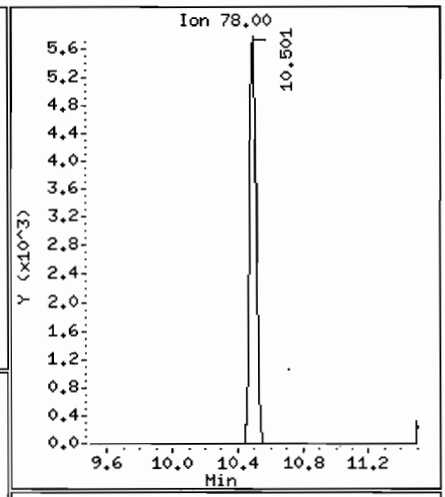
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

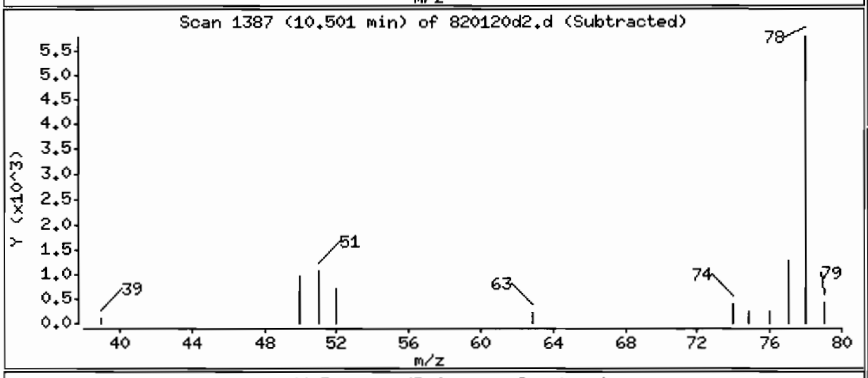
Purge Volume: 60.0 Operator: njr

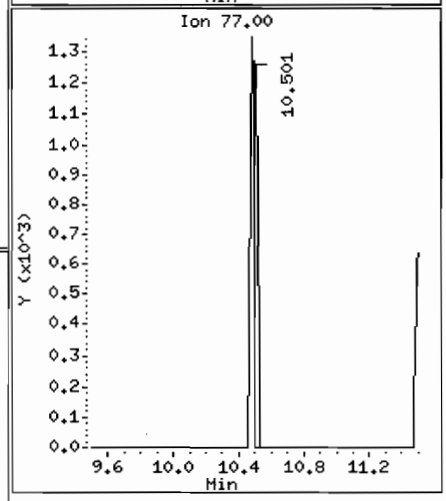
Column phase: RTX-624 Column diameter: 0.32

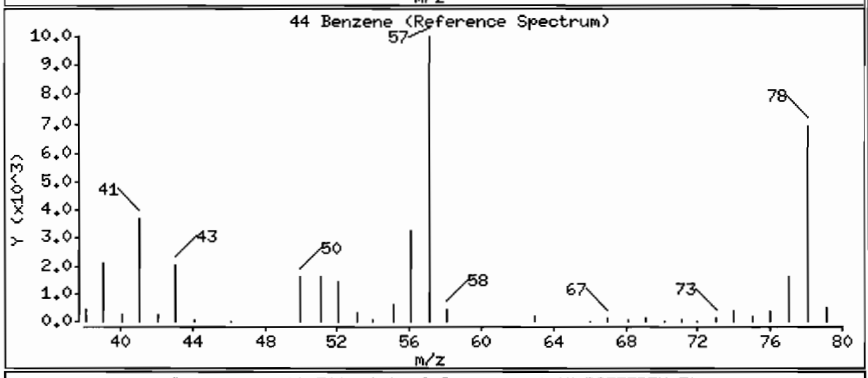
44 Benzene Concentration: 0.81 ppbv

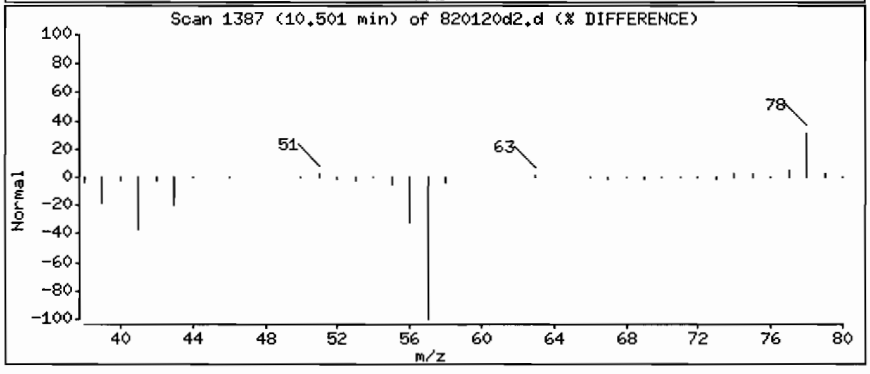












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

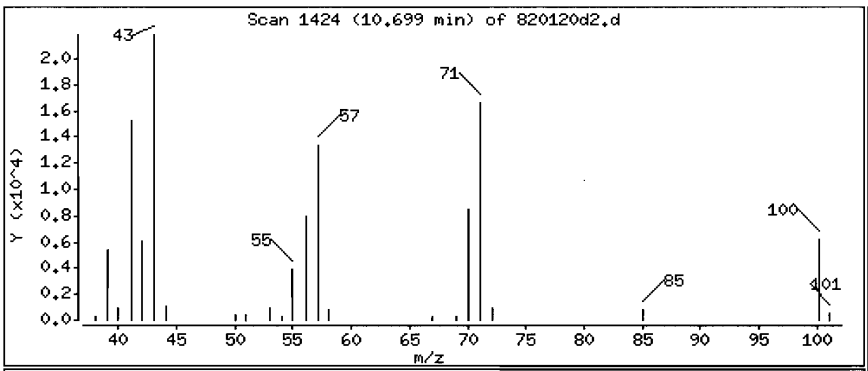
Client ID: CE-VAPOR-1 Instrument: F.i

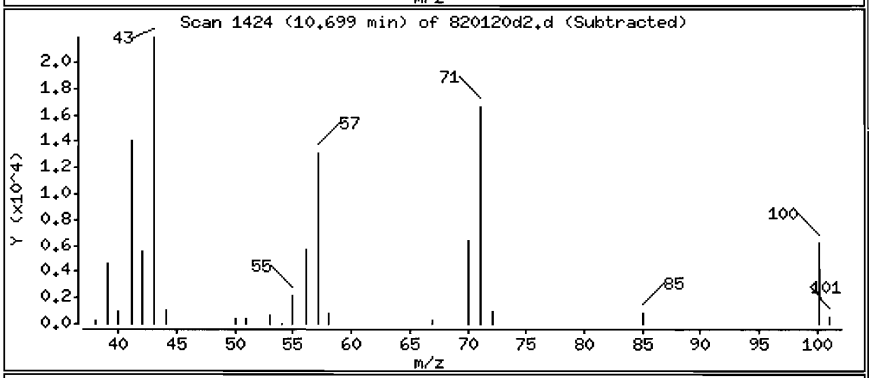
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

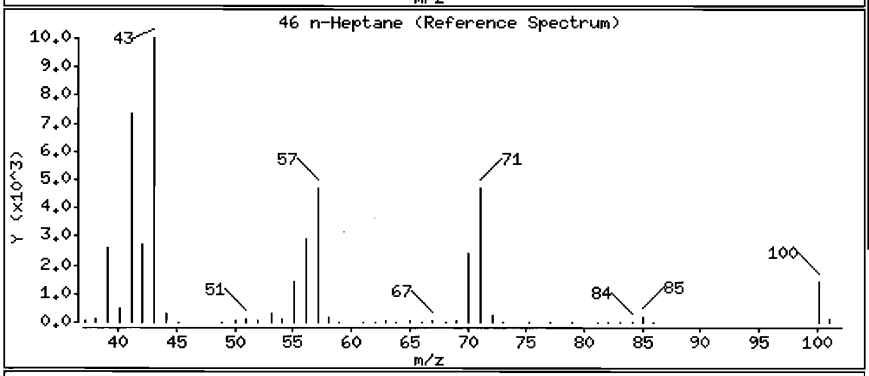
Purge Volume: 60.0 Operator: njr

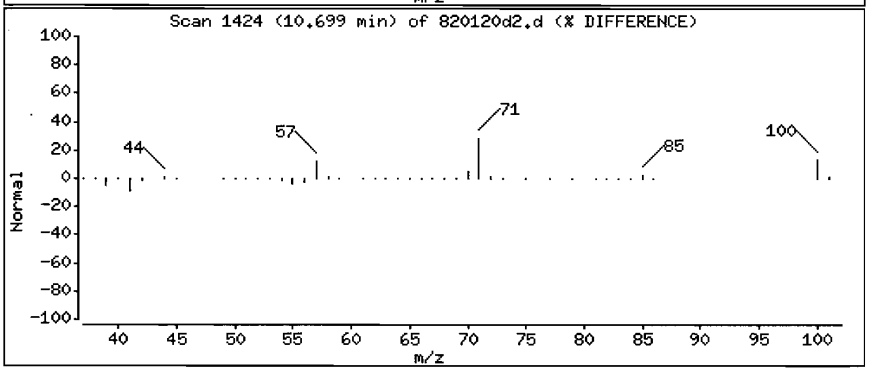
Column phase: RTX-624 Column diameter: 0.32

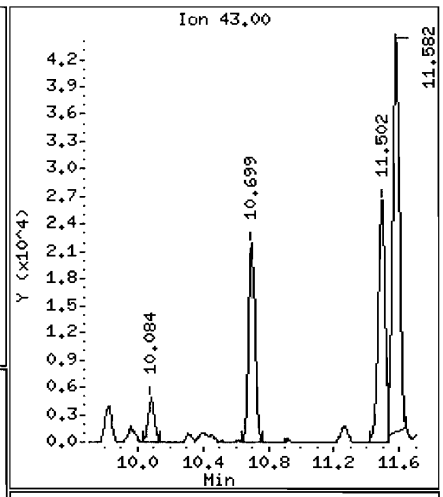
46 n-Heptane Concentration: 6.7 ppbv

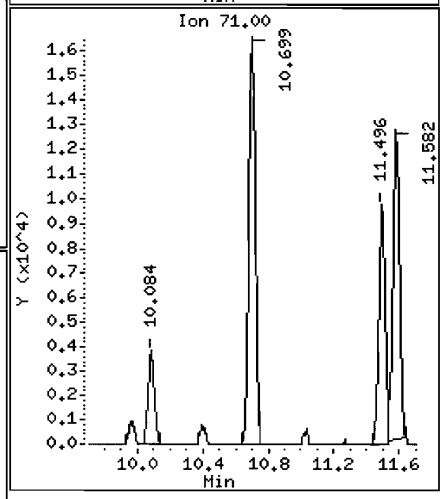












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

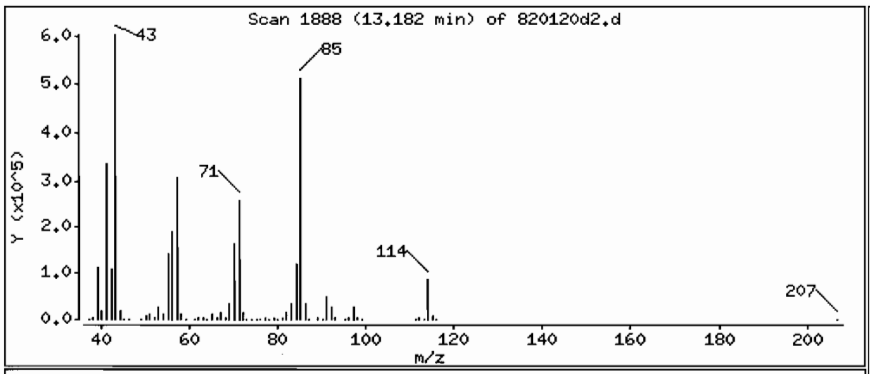
Client ID: CE-VAPOR-1 Instrument: F.i

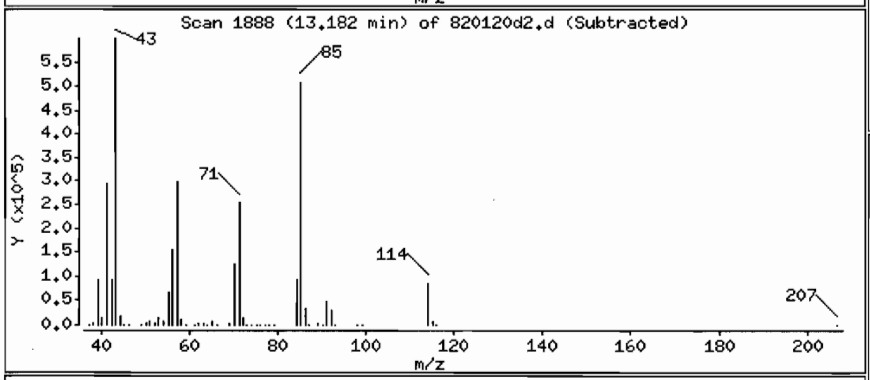
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

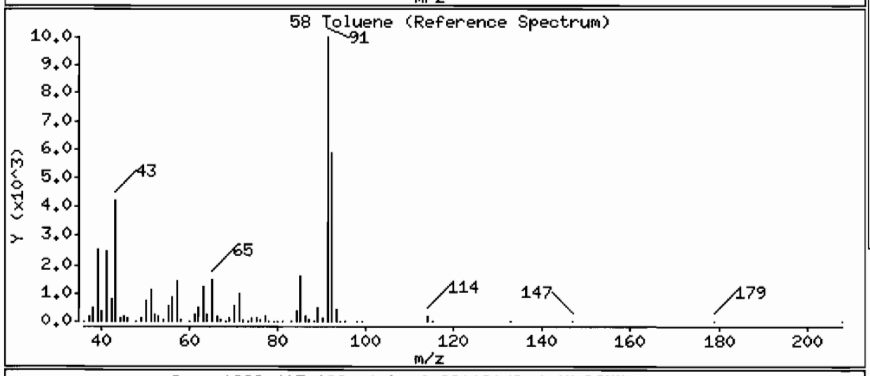
Purge Volume: 60.0 Operator: njr

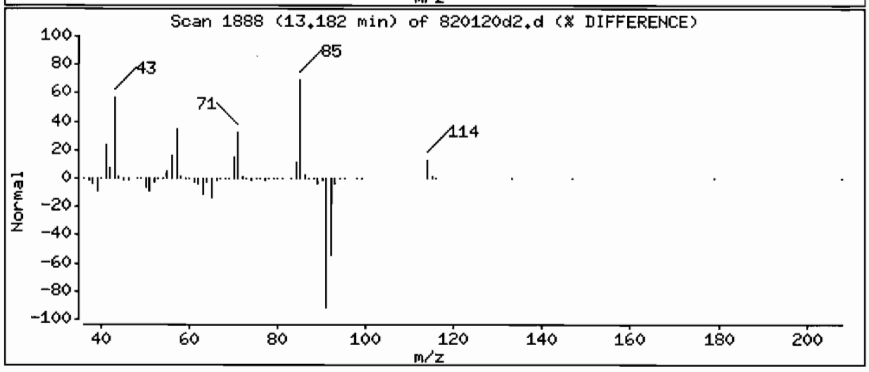
Column phase: RTX-624 Column diameter: 0.32

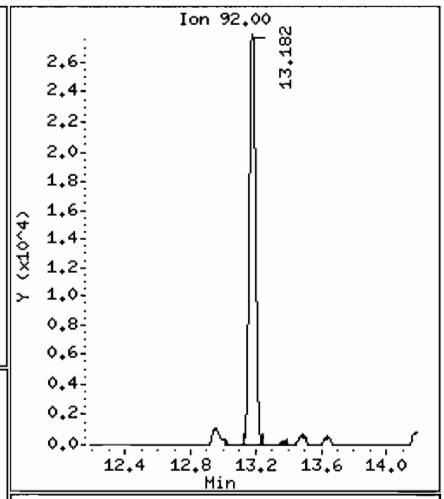
58 Toluene Concentration: 4.2 ppbv

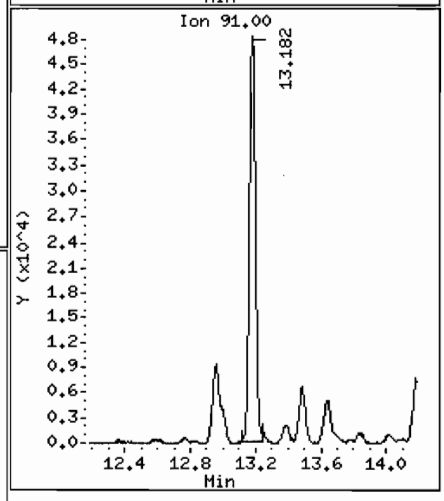












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

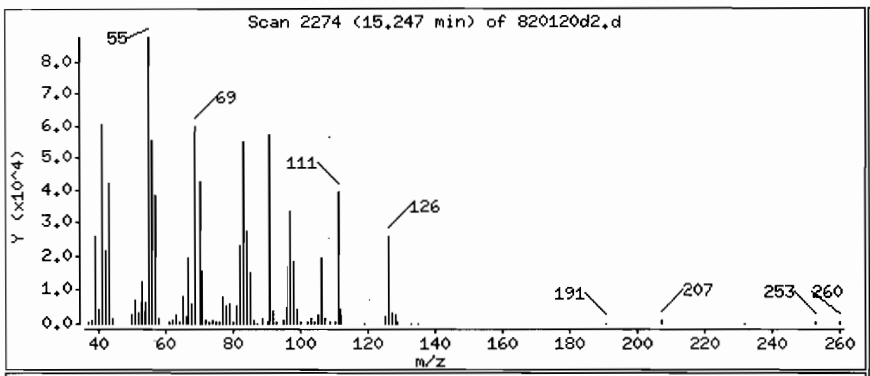
Client ID: CE-VAPOR-1 Instrument: F.i

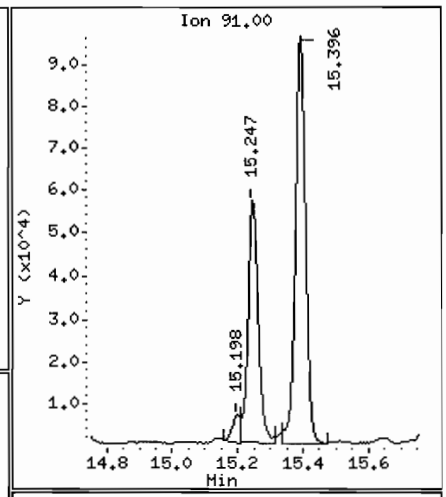
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

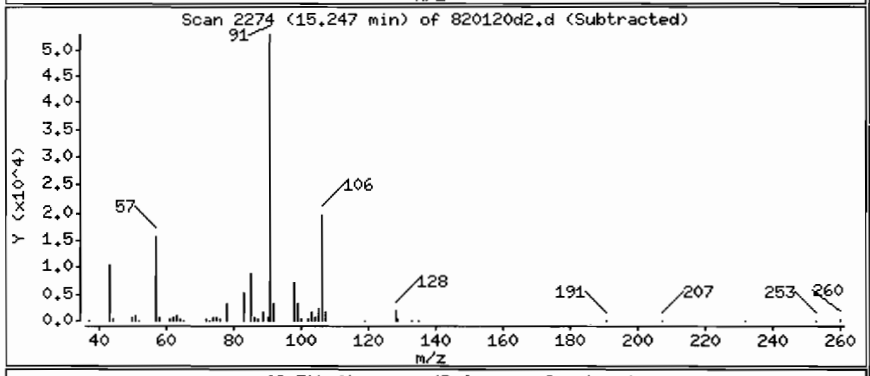
Purge Volume: 60.0 Operator: njr

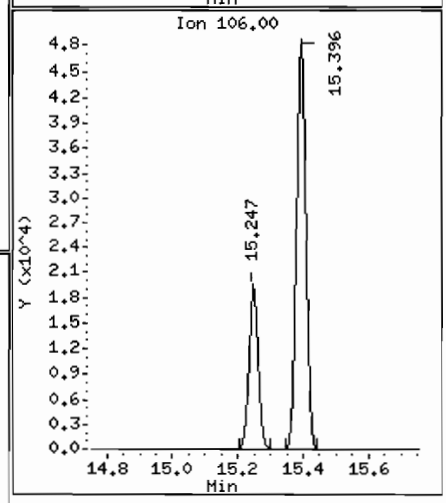
Column phase: RTX-624 Column diameter: 0.32

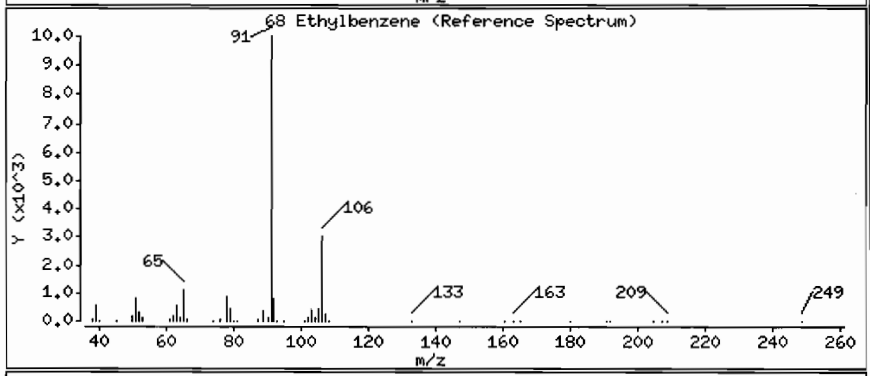
68 Ethylbenzene Concentration: 3.6 ppbv

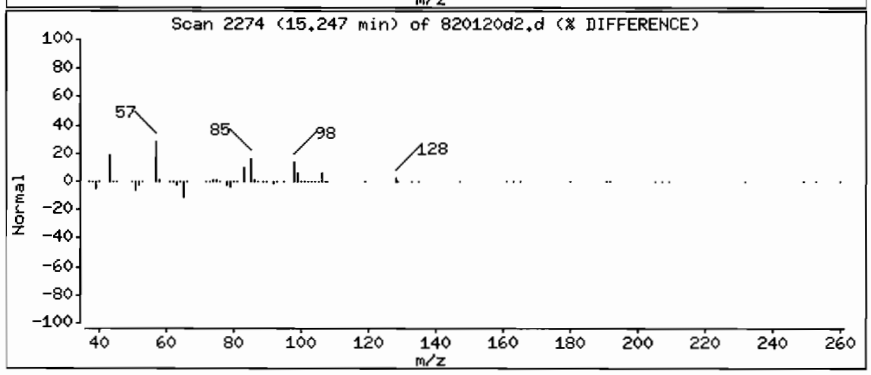












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

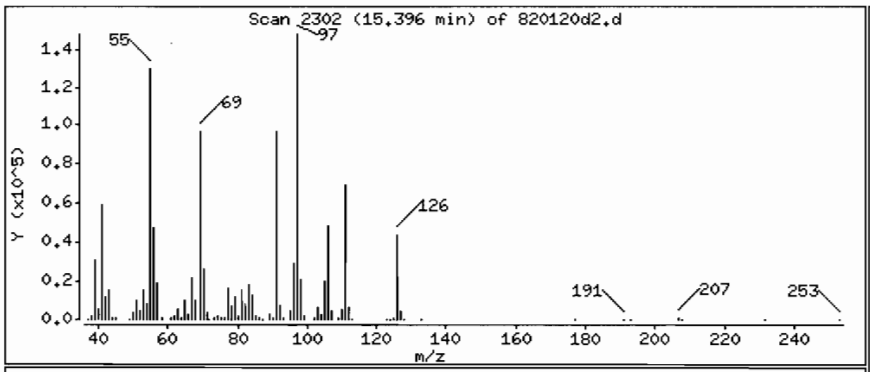
Client ID: CE-VAPOR-1 Instrument: F.i

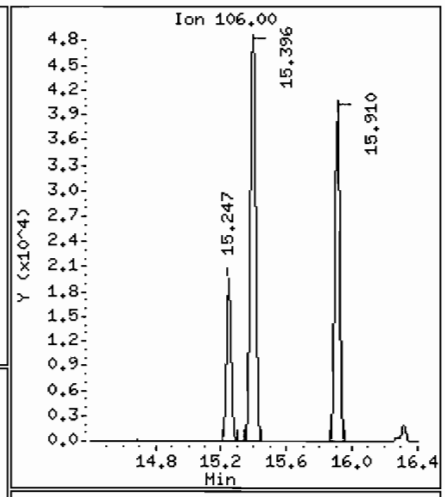
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

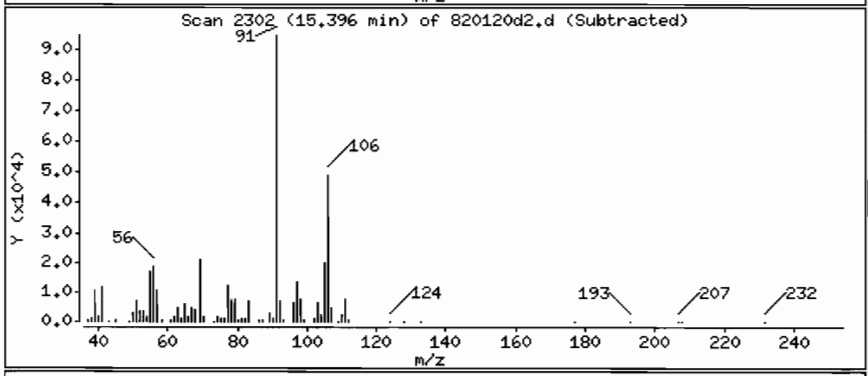
Purge Volume: 60.0 Operator: njr

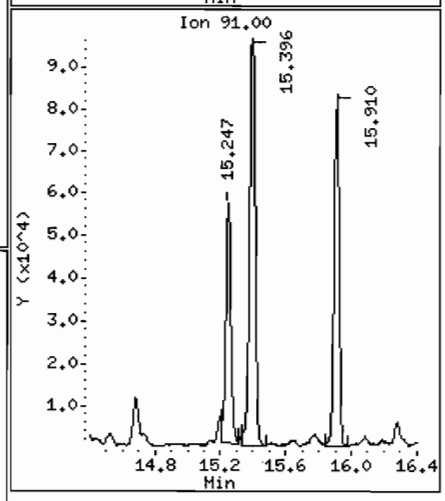
Column phase: RTX-624 Column diameter: 0.32

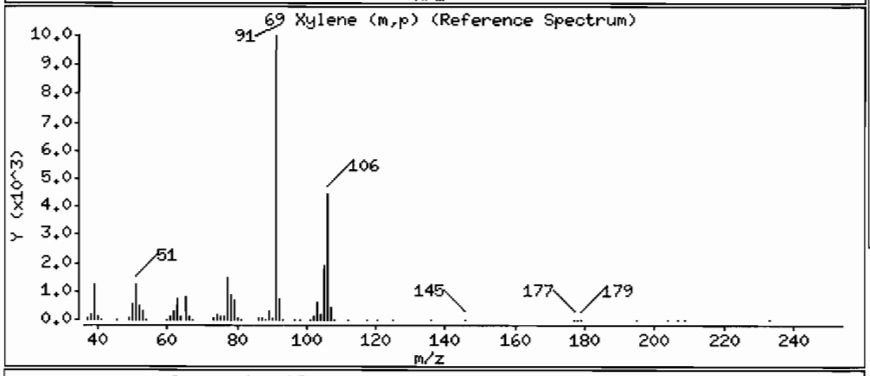
69 Xylene (m,p) Concentration: 6.8 ppbv

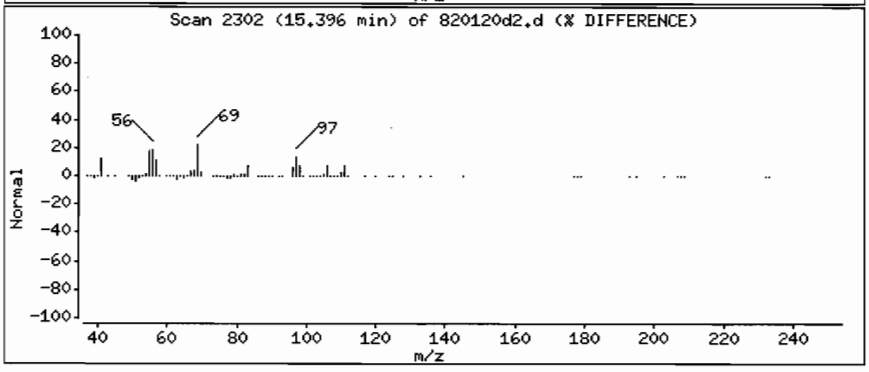












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

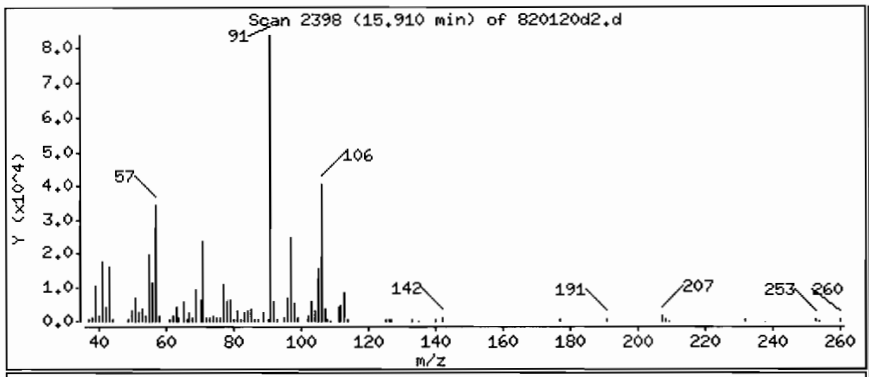
Client ID: CE-VAPOR-1 Instrument: F.i

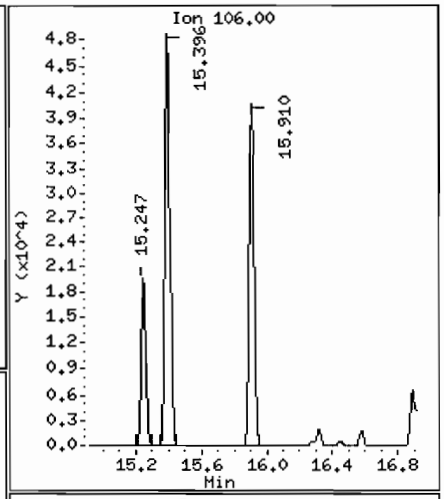
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

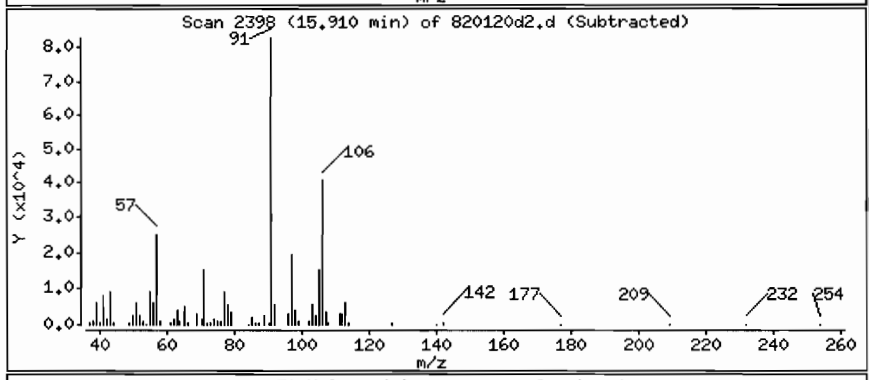
Purge Volume: 60.0 Operator: njr

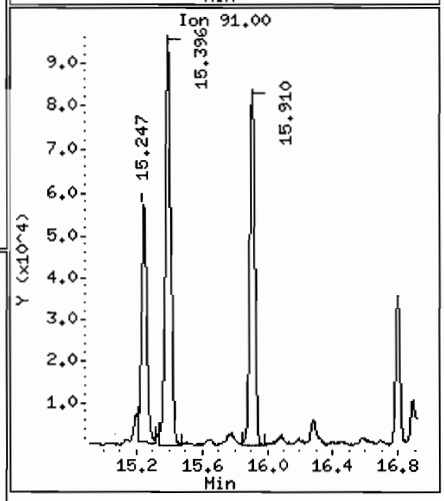
Column phase: RTX-624 Column diameter: 0.32

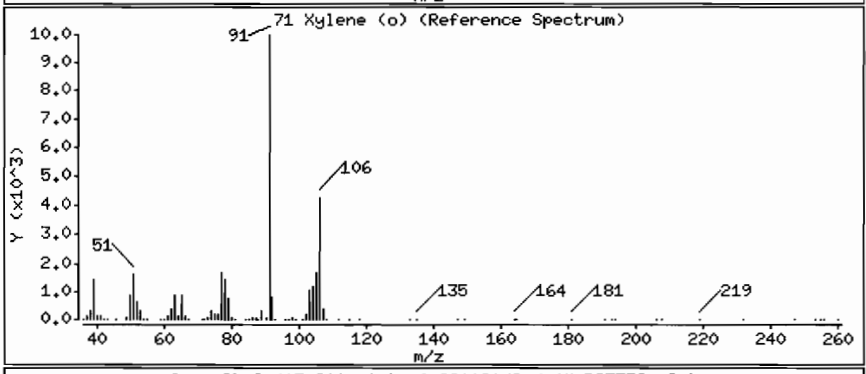
71 Xylene (o) Concentration: 5.3 ppbv

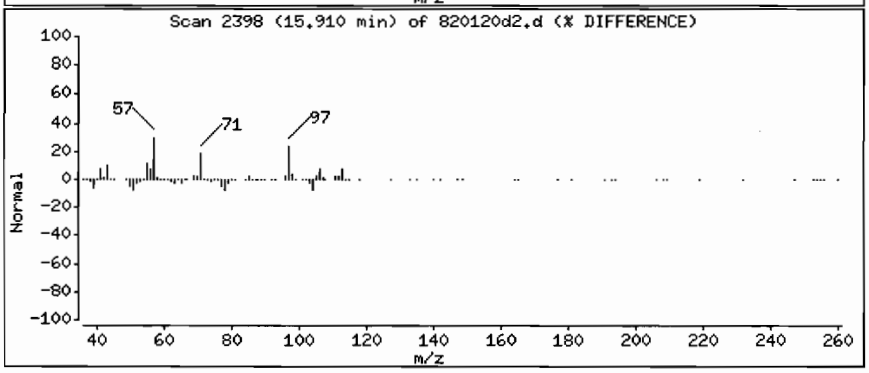












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

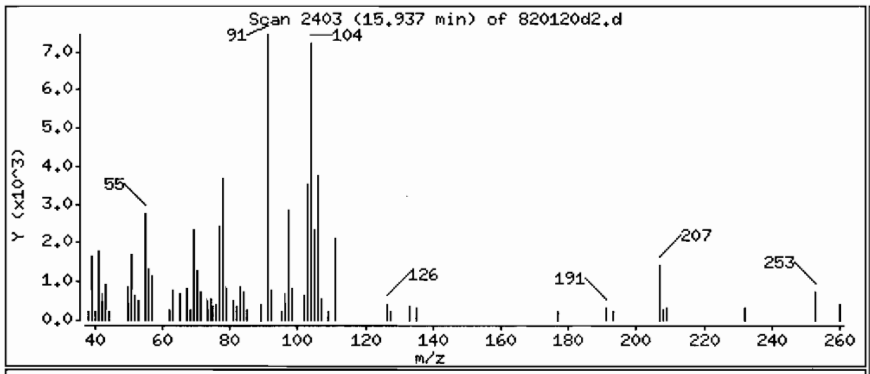
Client ID: CE-VAPOR-1 Instrument: F.i

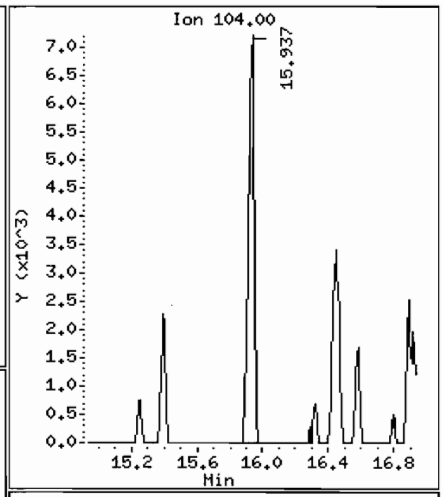
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

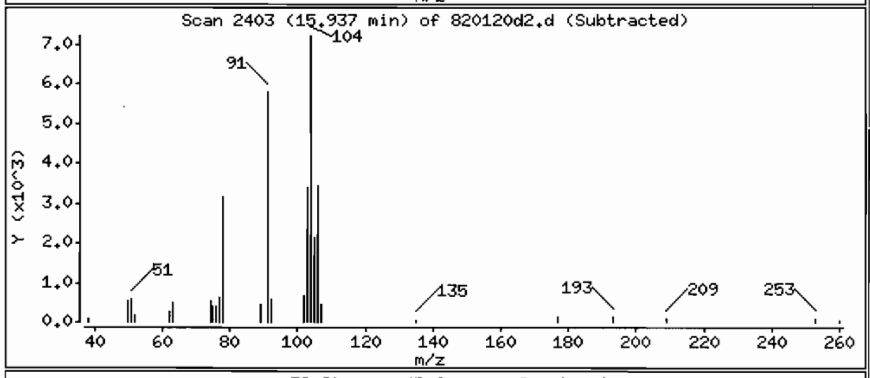
Purge Volume: 60.0 Operator: njr

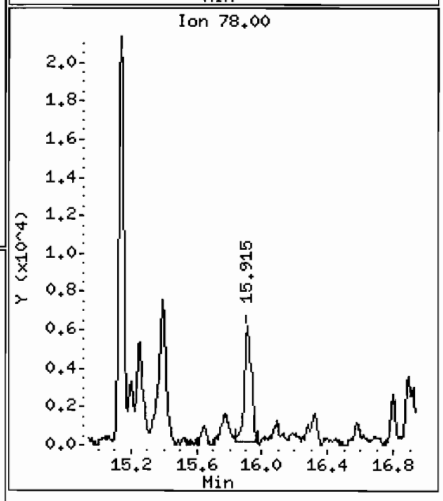
Column phase: RTX-624 Column diameter: 0.32

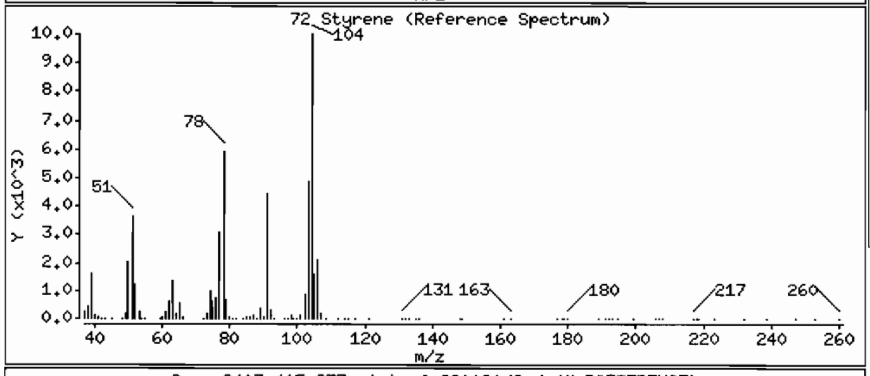
72 Styrene Concentration: 0.77 ppbv

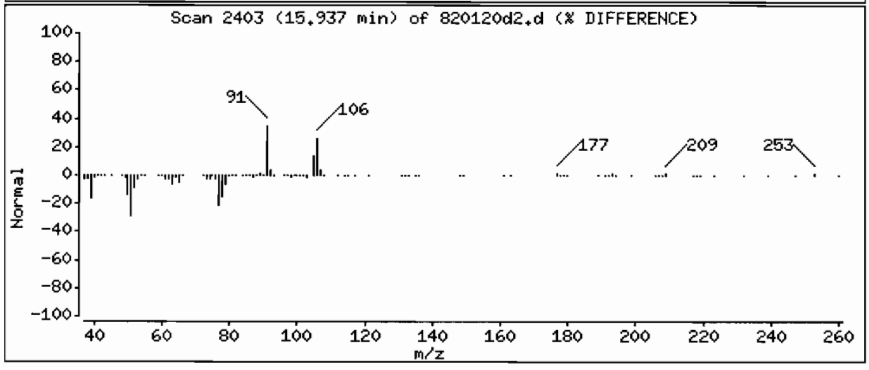












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

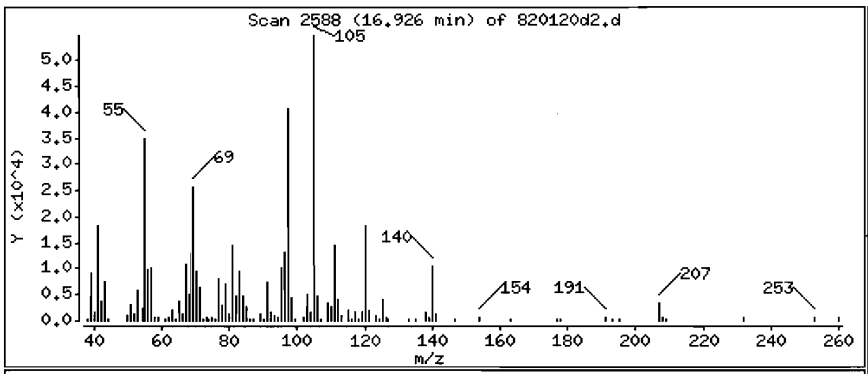
Client ID: CE-VAPOR-1 Instrument: F.i

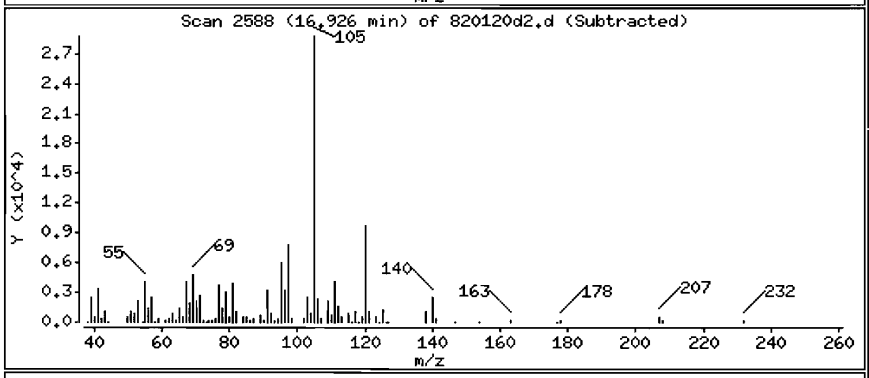
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

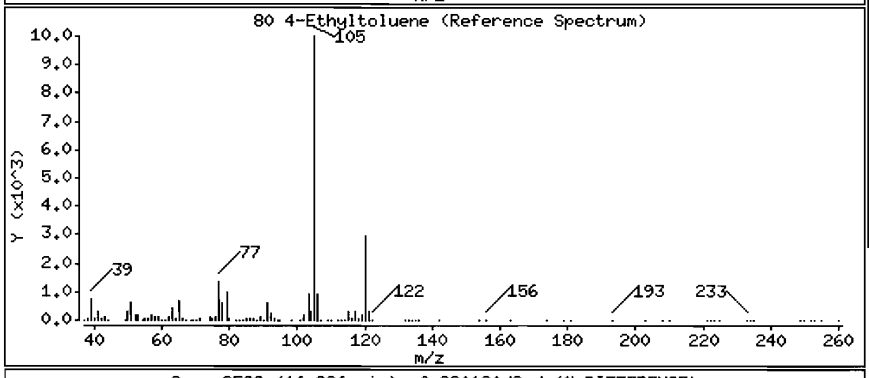
Purge Volume: 60.0 Operator: njr

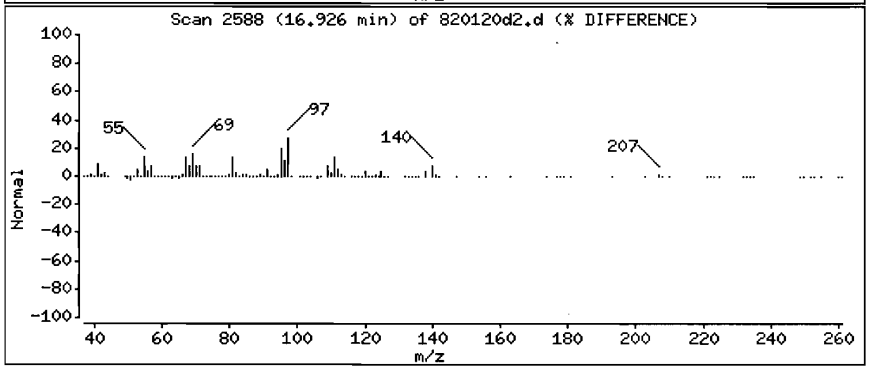
Column phase: RTX-624 Column diameter: 0.32

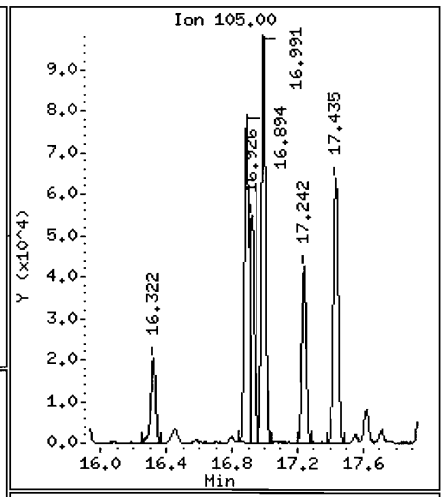
80 4-Ethyltoluene Concentration: 2.0 ppbv

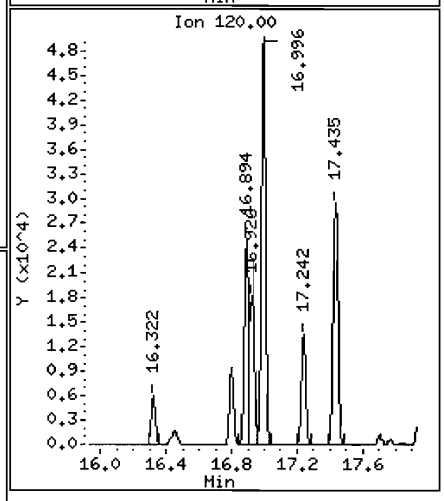












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

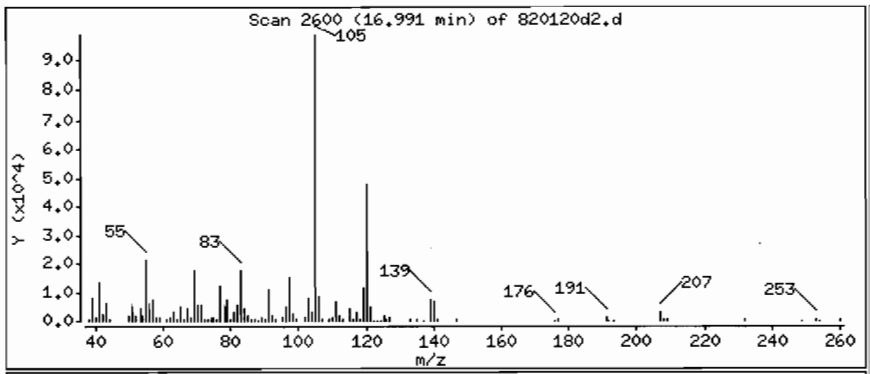
Client ID: CE-VAPOR-1 Instrument: F.i

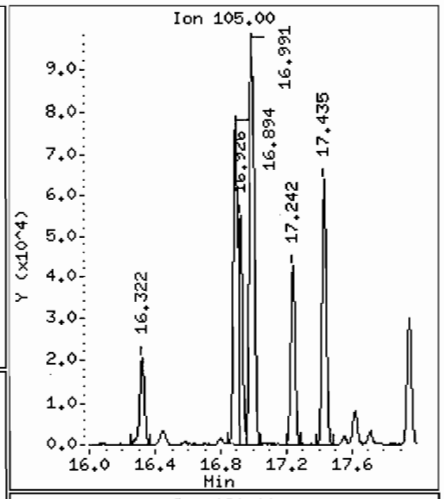
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

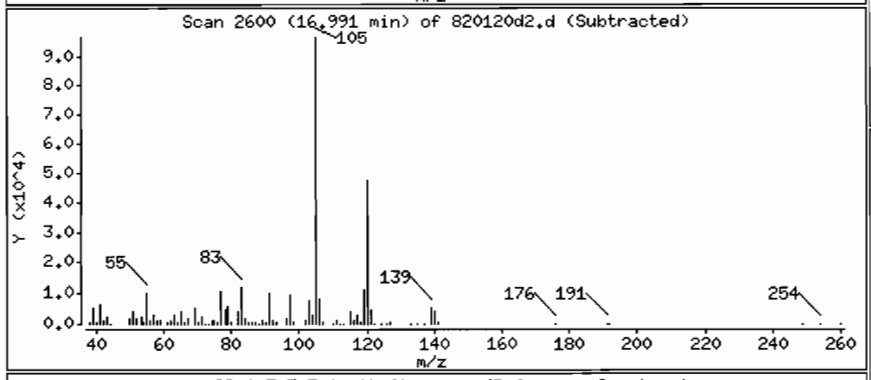
Purge Volume: 60.0 Operator: njr

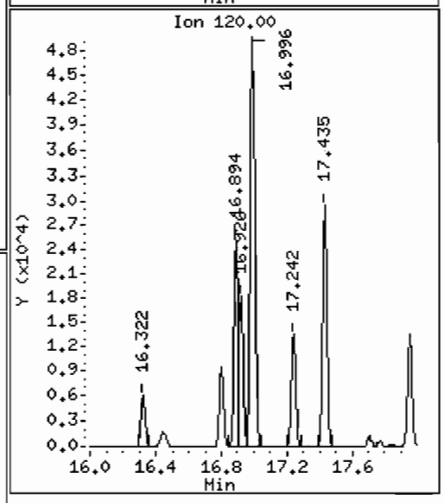
Column phase: RTX-624 Column diameter: 0.32

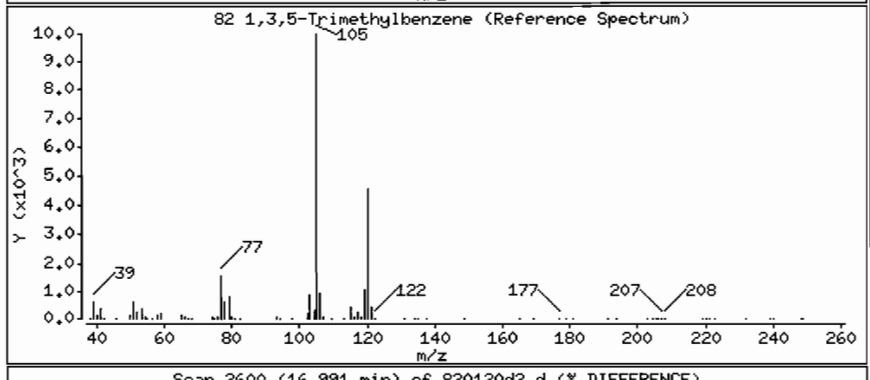
82 1,3,5-Trimethylbenzene Concentration: 4.8 ppbv

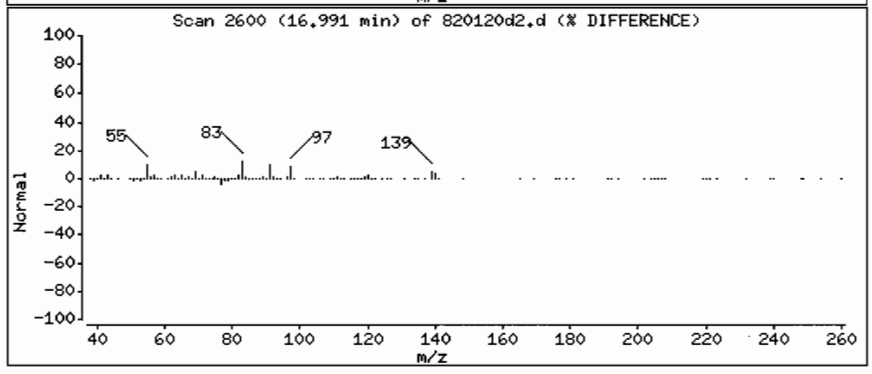












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

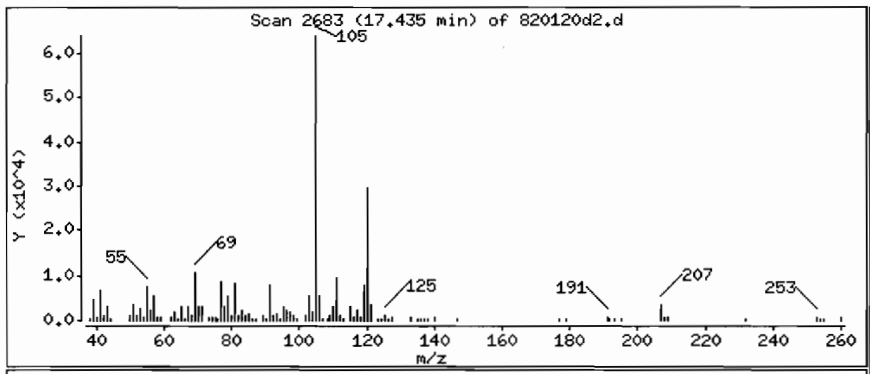
Client ID: CE-VAPOR-1 Instrument: F.i

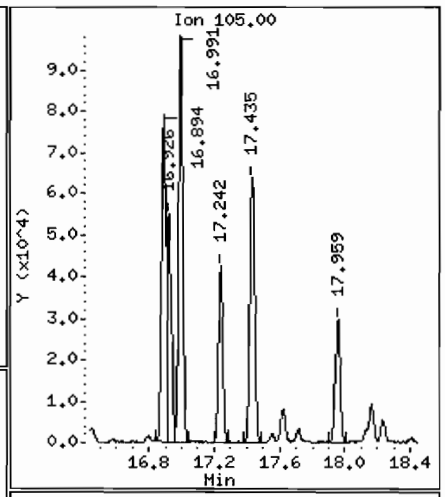
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

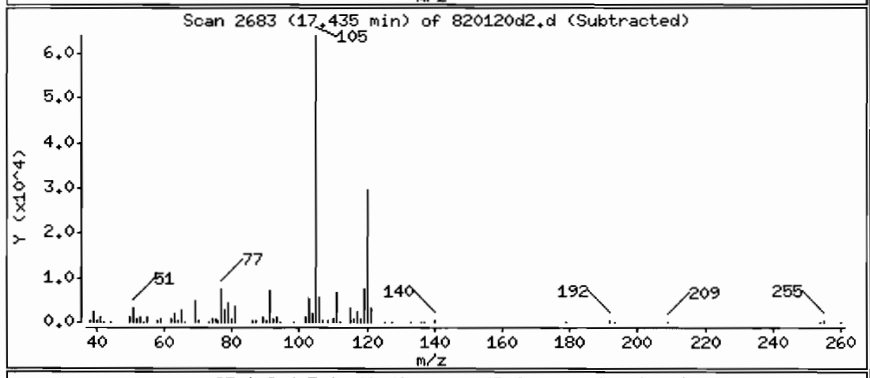
Purge Volume: 60.0 Operator: njr

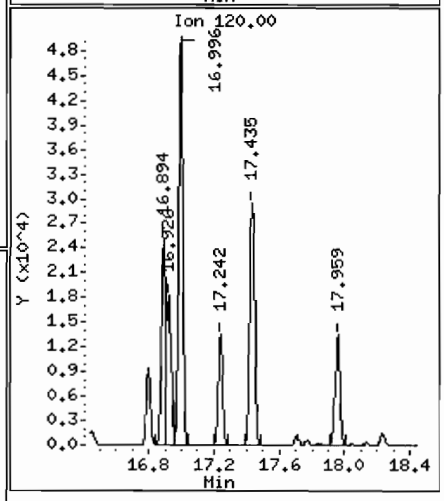
Column phase: RTX-624 Column diameter: 0.32

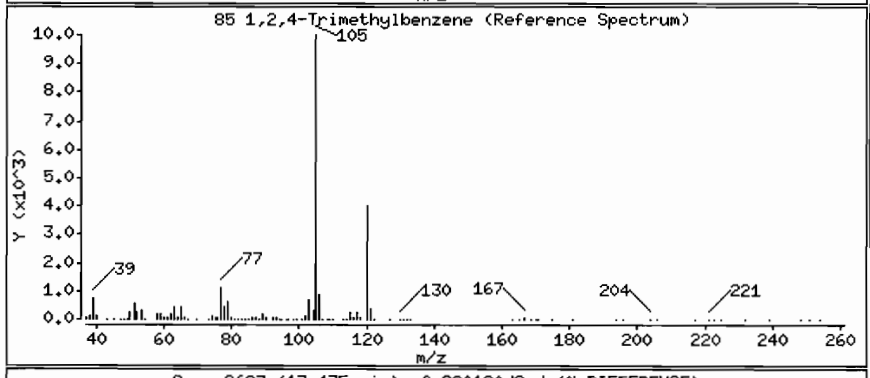
85 1,2,4-Trimethylbenzene Concentration: 3.1 ppbv

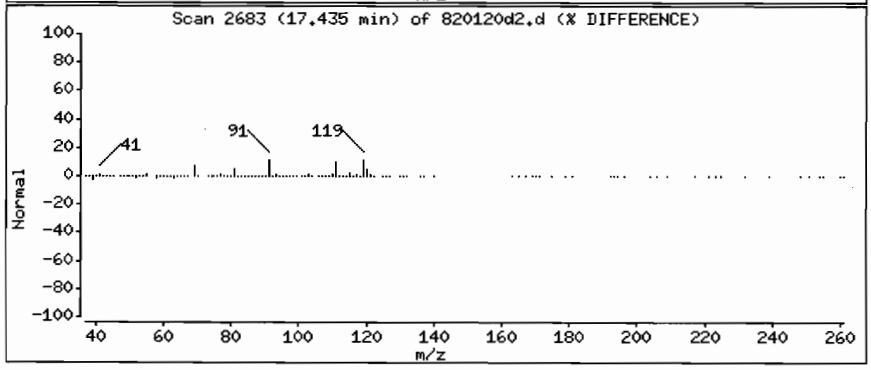












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

Client ID: CE-VAPOR-1

Instrument: F.i

Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

Purge Volume: 60.0

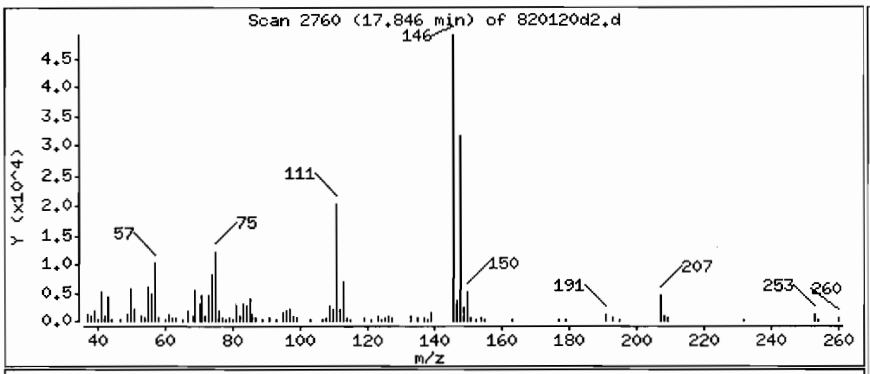
Operator: njr

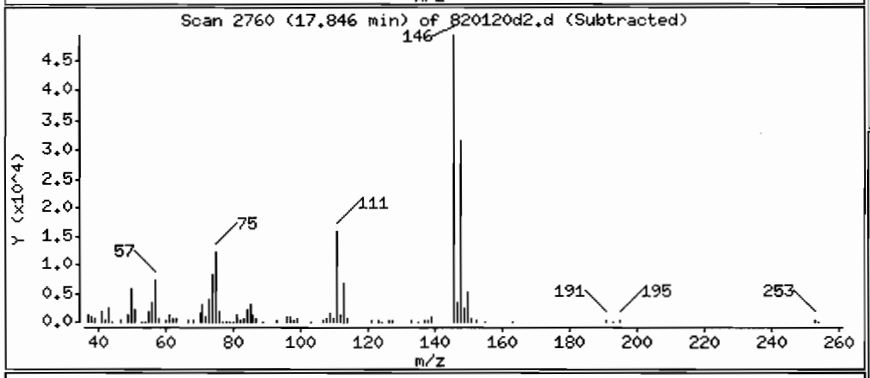
Column phase: RTX-624

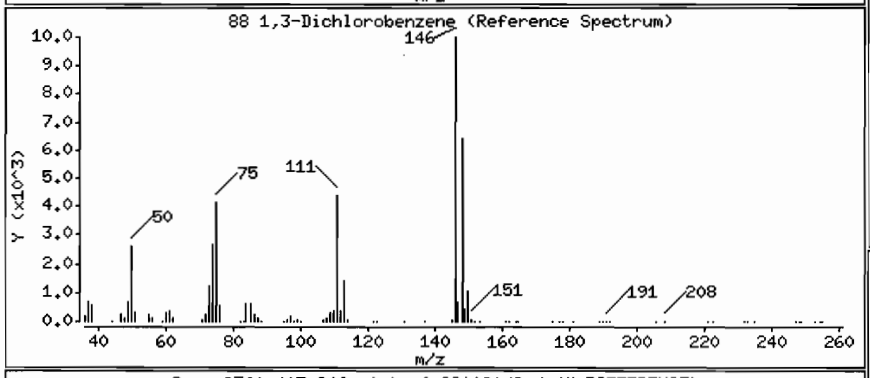
Column diameter: 0.32

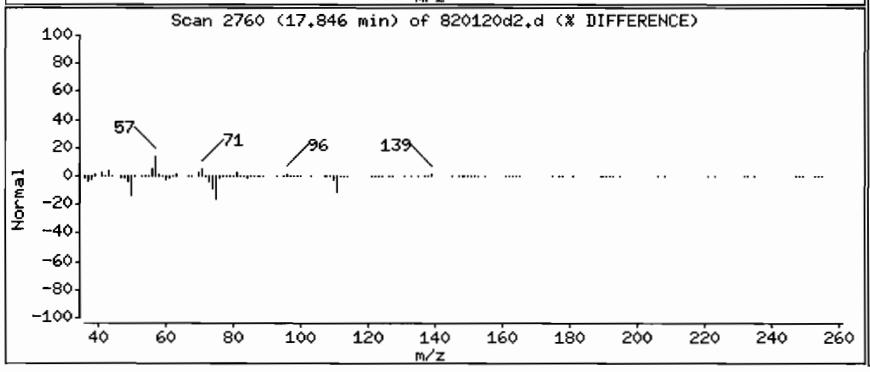
88 1,3-Dichlorobenzene

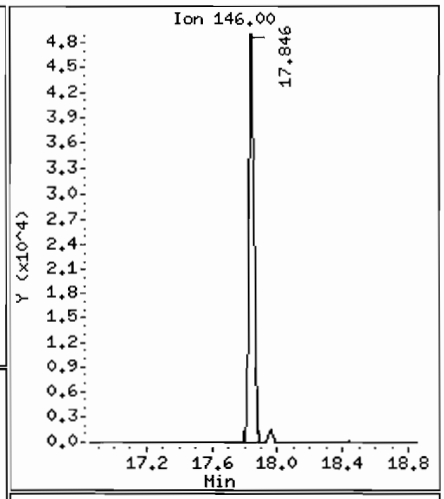
Concentration: 3.4 ppbv

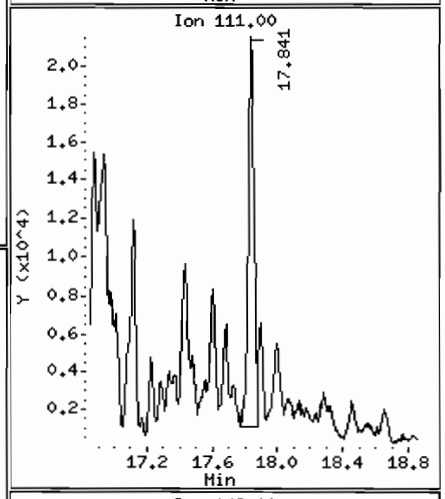


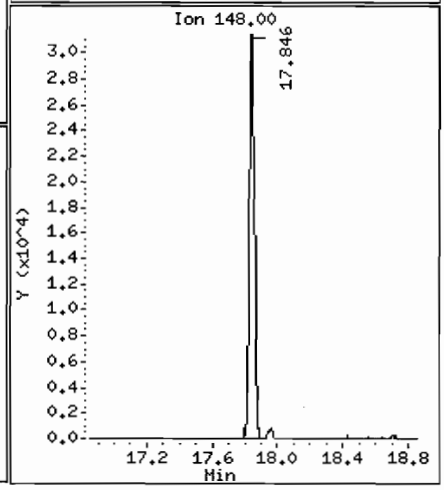












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820121

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 820121D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/16/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	7.6	
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	58	
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	8.5	
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	7.4	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820121

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 820121D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/16/10

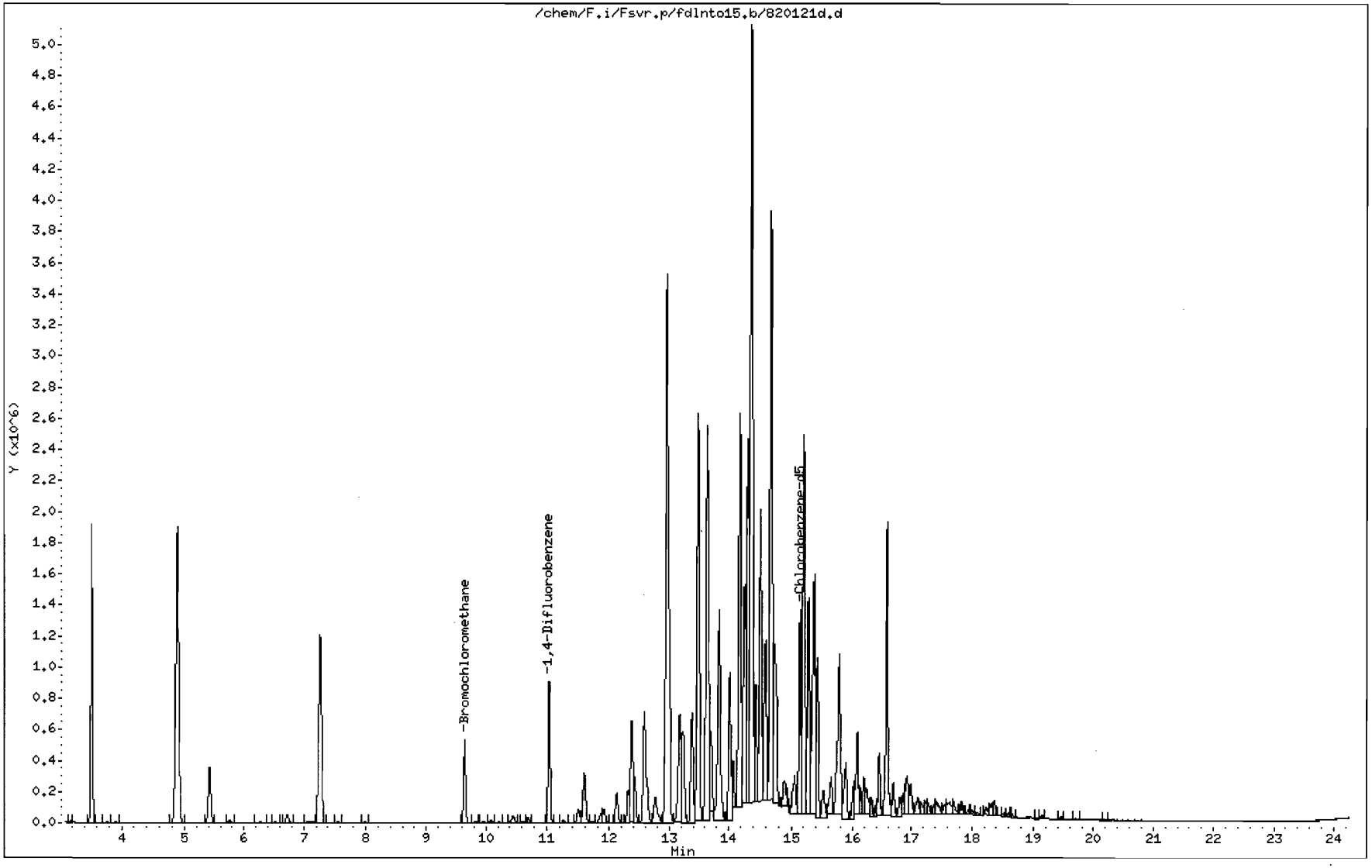
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.4	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	3.3	
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	5.2	
1330-20-7	Xylenes, Total	5.2	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	6.0	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	3.9	
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d
Date : 16-FEB-2010 22:29
Client ID: CE-VAPOR-2
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)
Purge Volume: 20.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d
Lab Smp Id: 820121 Client Smp ID: CE-VAPOR-2
Inj Date : 16-FEB-2010 22:29
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)
Misc Info : 820121;021610FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 11
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.804	4.809	(0.498)	5993	0.76047	7.6
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.730	6.719	(0.698)	97762	5.76905	58
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	213410	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	9.977	9.983	(0.904)	4795	0.19990	2.0
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.453	10.459	(0.947)	61691	0.84944	8.5
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.969)	18826	0.74440	7.4
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1018761	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	10204	0.23510	2.4(Q)
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	943344	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	31565	0.32845	3.3
	69 Xylene (m,p)	106	Compound Not Detected.					
	71 Xylene (o)	106	15.905	15.915	(1.051)	19894	0.51984	5.2
M	70 Xylenes, Total	106				19894	0.51984	5.2
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	59549	0.59838	6.0
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	29858	0.38740	3.9(QH)
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

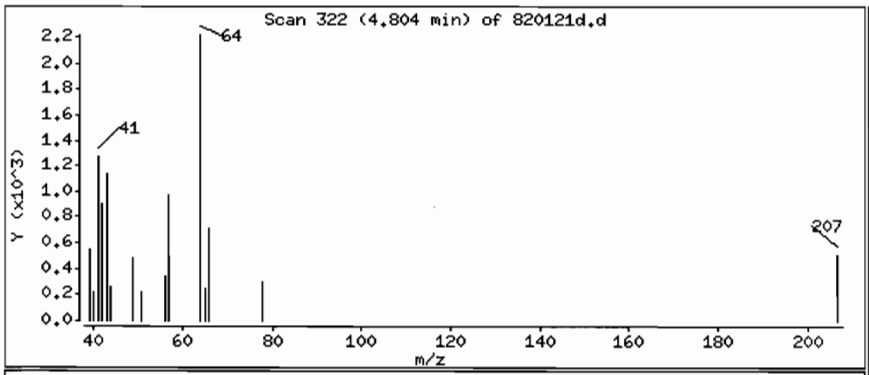
Client ID: CE-VAPOR-2 Instrument: F.i

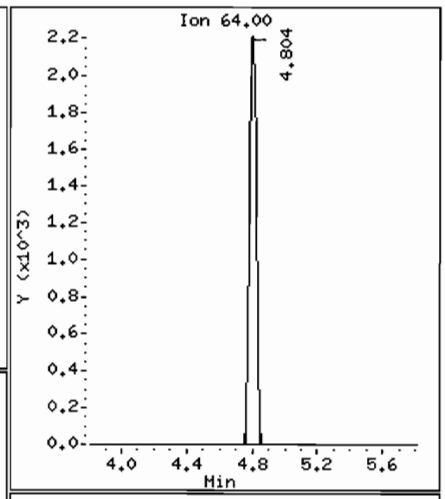
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

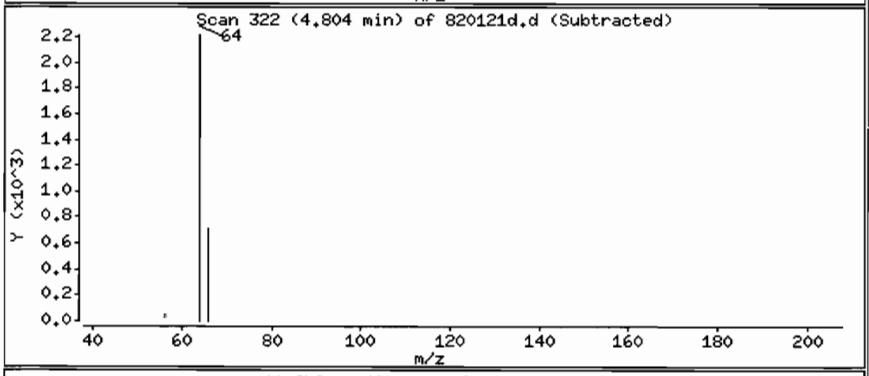
Purge Volume: 20.0 Operator: wrd

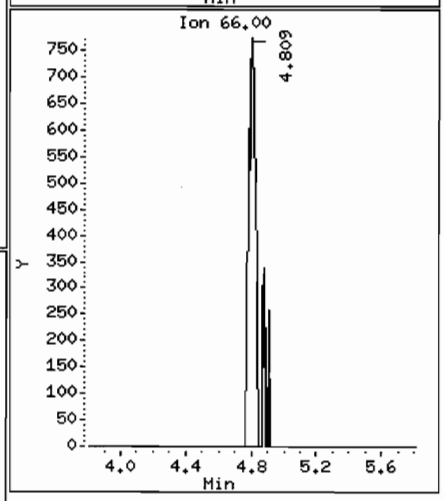
Column phase: RTX-624 Column diameter: 0.32

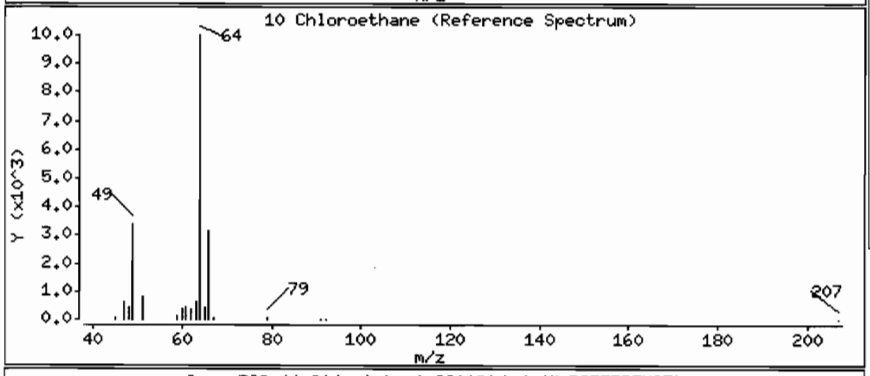
10 Chloroethane Concentration: 7.6 ppbv

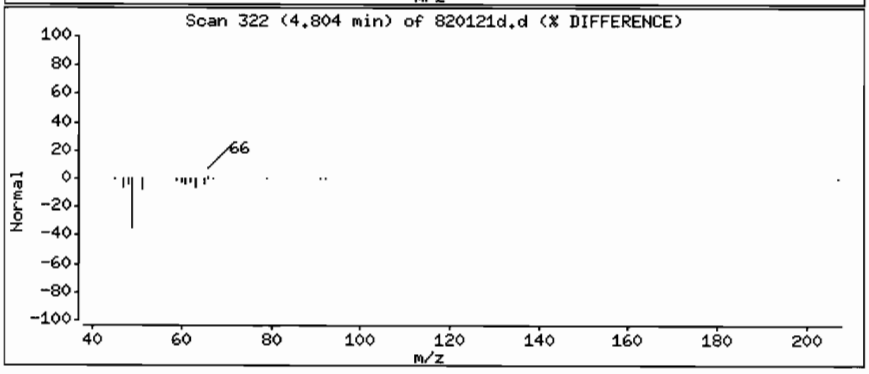












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

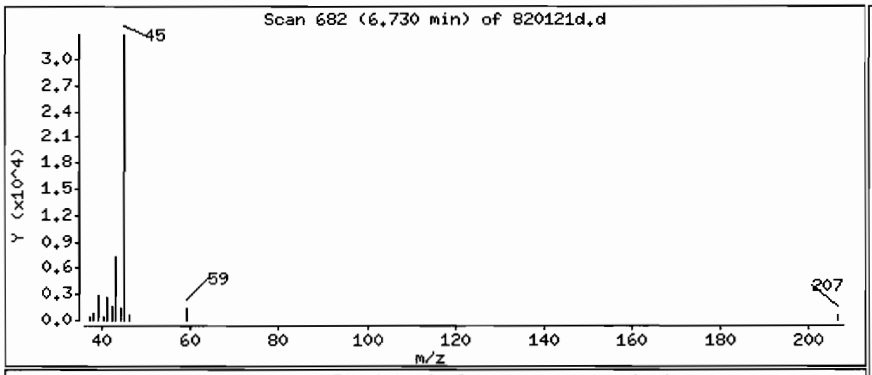
Client ID: CE-VAPOR-2 Instrument: F.i

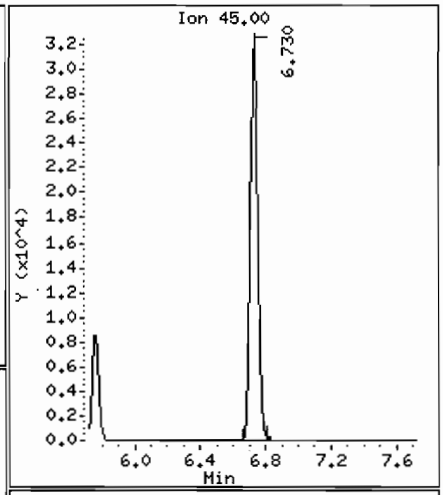
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

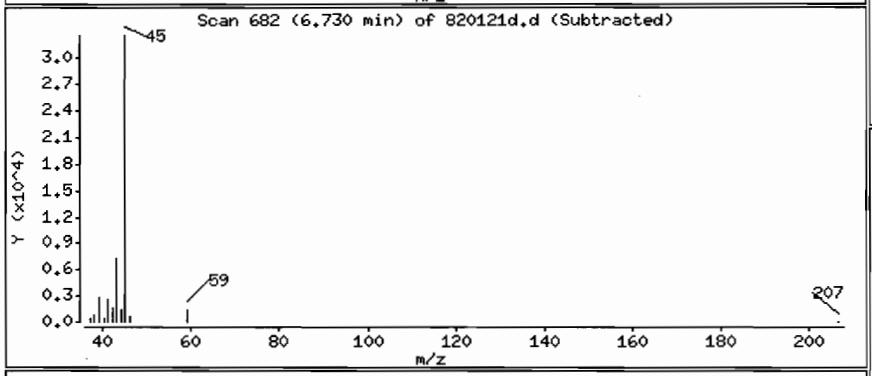
Purge Volume: 20.0 Operator: wrd

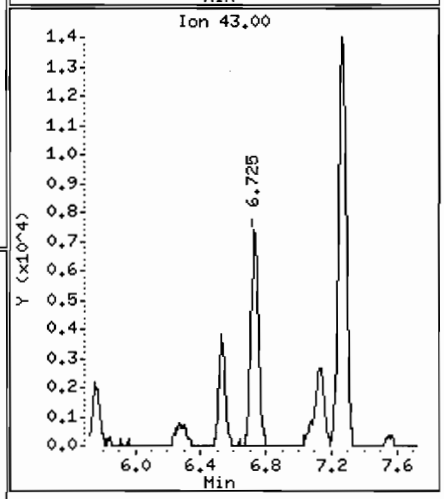
Column phase: RTX-624 Column diameter: 0.32

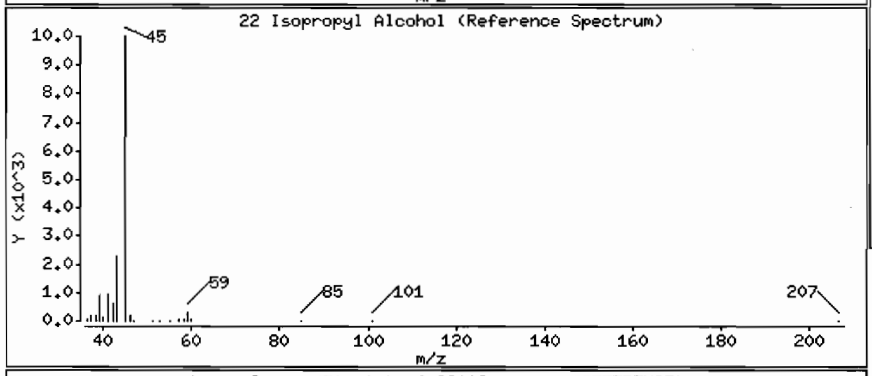
22 Isopropyl Alcohol Concentration: 58 ppbv

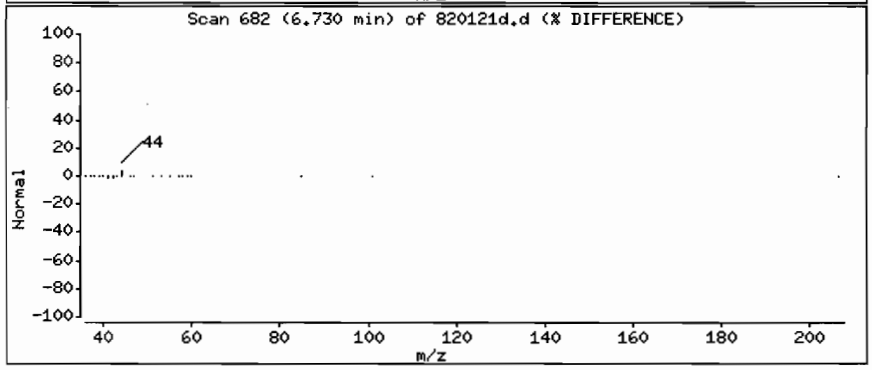












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

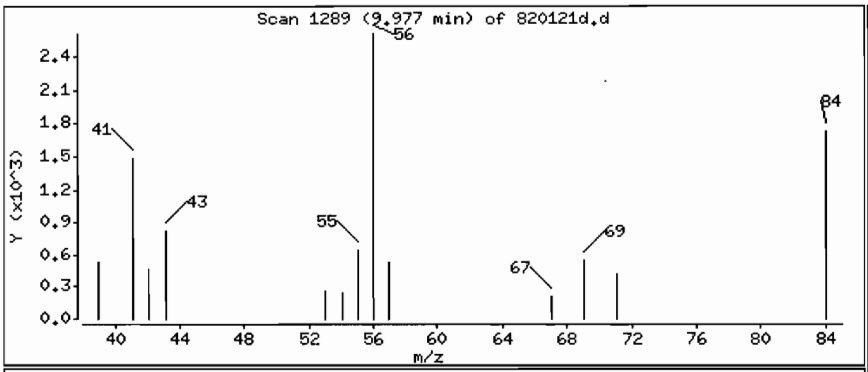
Client ID: CE-VAPOR-2 Instrument: F.i

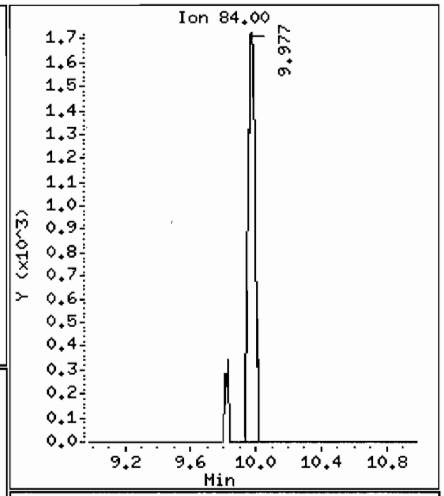
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

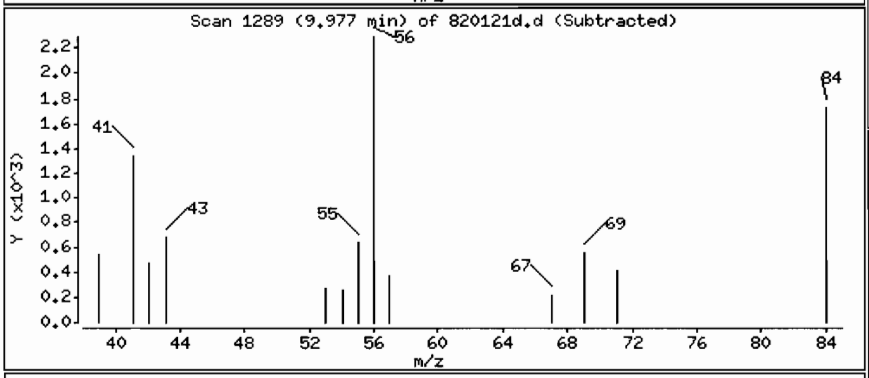
Purge Volume: 20.0 Operator: wrd

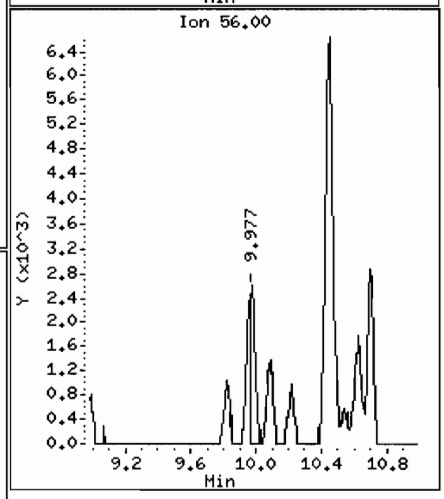
Column phase: RTX-624 Column diameter: 0.32

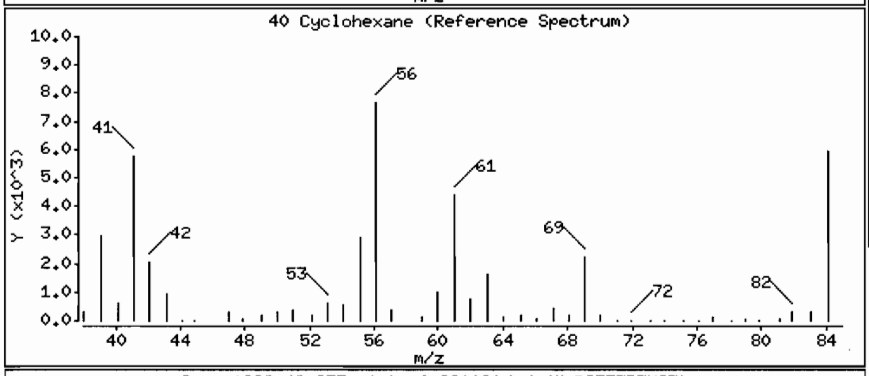
40 Cyclohexane Concentration: 2.0 ppbv

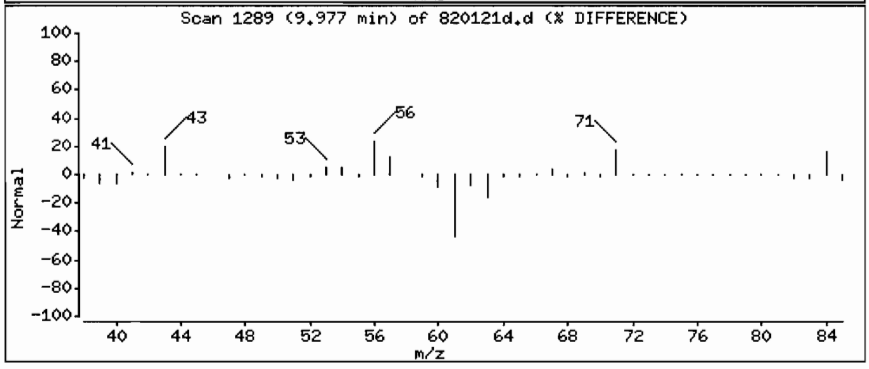












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

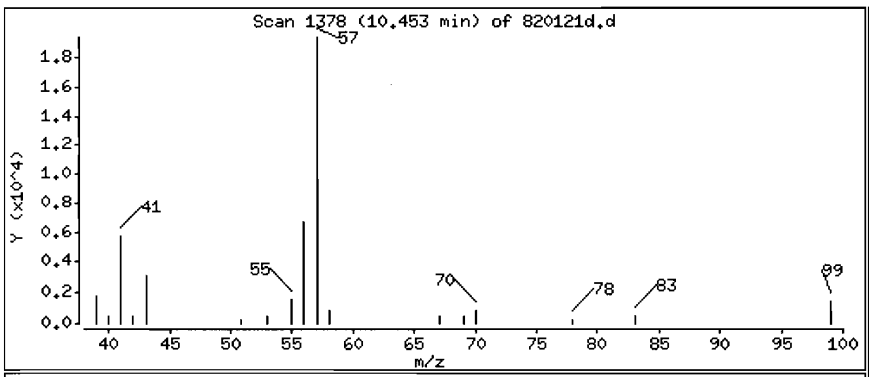
Client ID: CE-VAPOR-2 Instrument: F.i

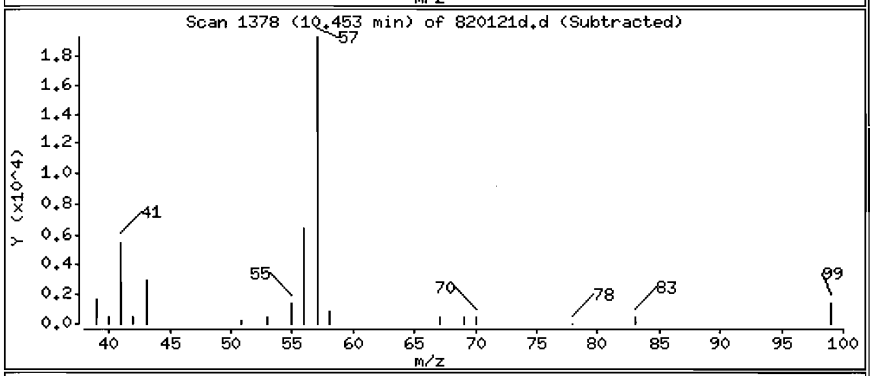
Sample Info: CE-VAPOR-2 :[J02/08/10 @1430(AIR)

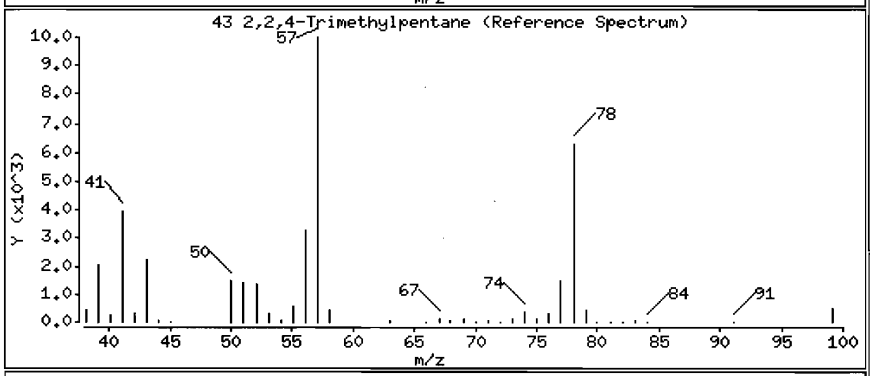
Purge Volume: 20.0 Operator: wrd

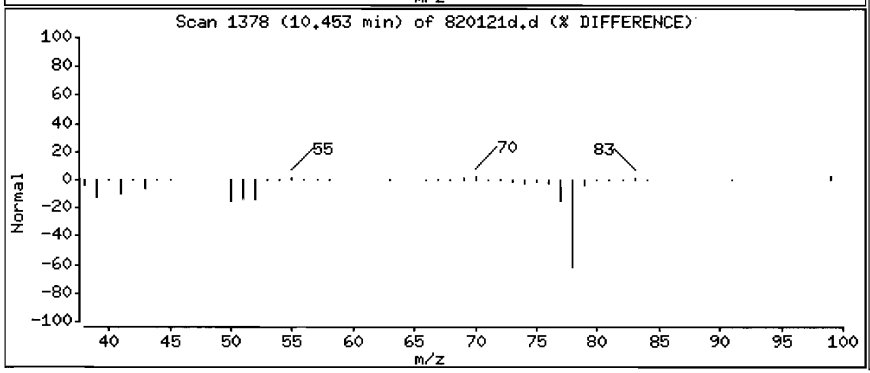
Column phase: RTX-624 Column diameter: 0.32

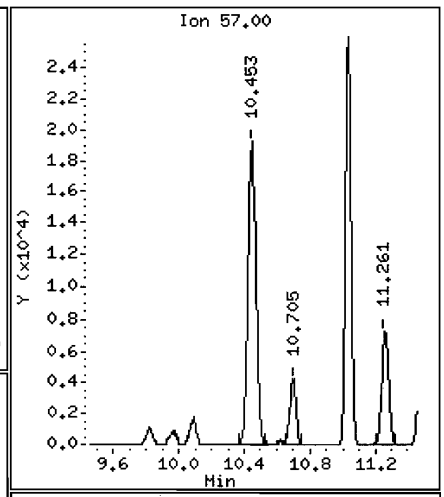
43 2,2,4-Trimethylpentane Concentration: 8.5 ppbv

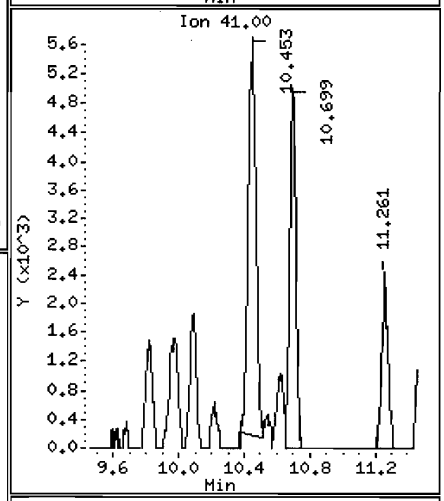


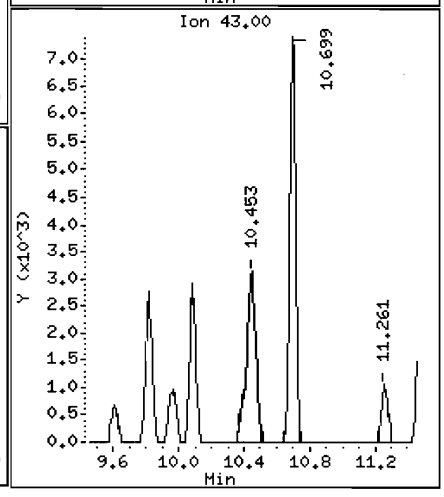












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

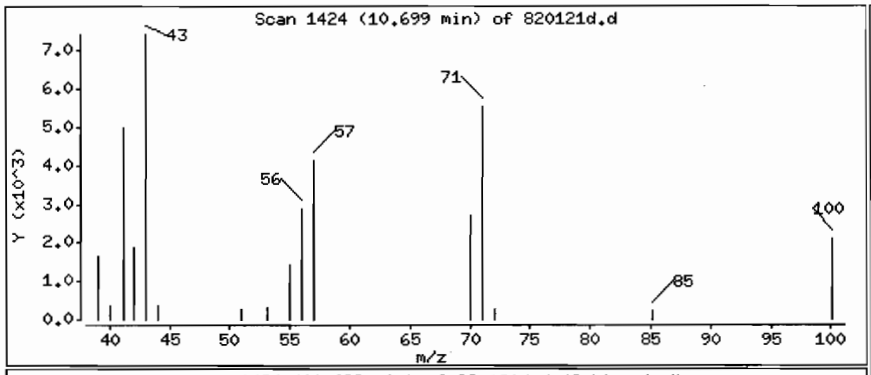
Client ID: CE-VAPOR-2 Instrument: F.i

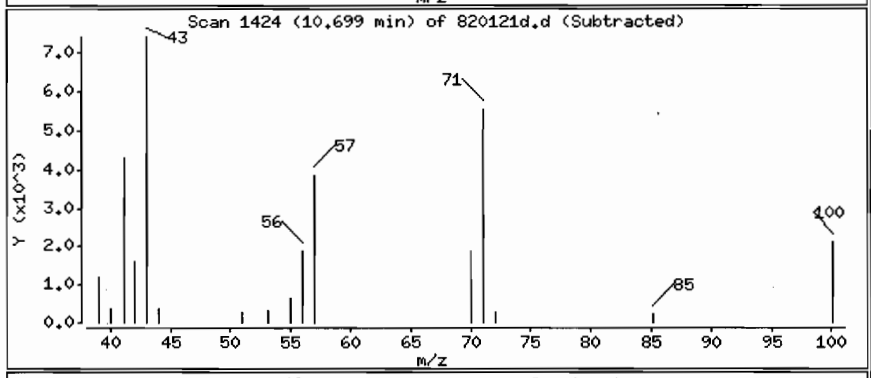
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

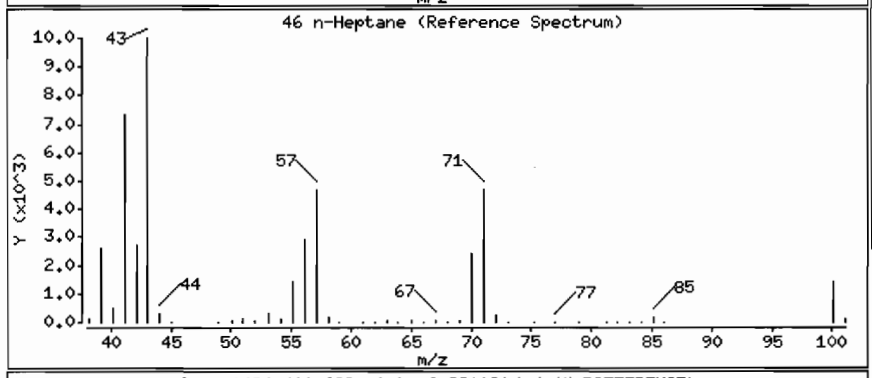
Purge Volume: 20.0 Operator: wrd

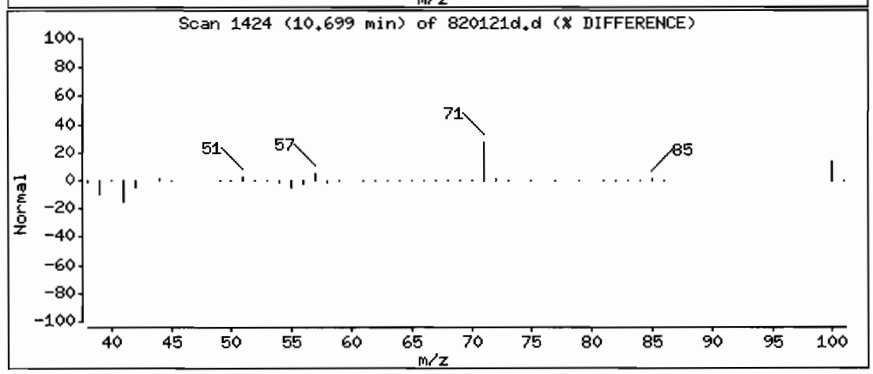
Column phase: RTX-624 Column diameter: 0.32

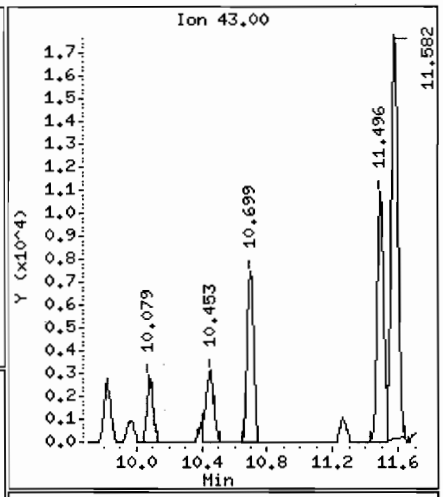
46 n-Heptane Concentration: 7.4 ppbv

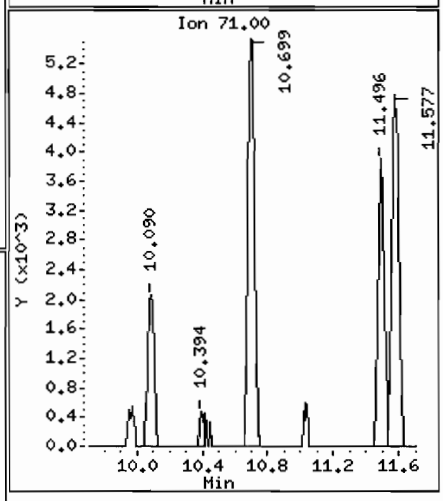












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

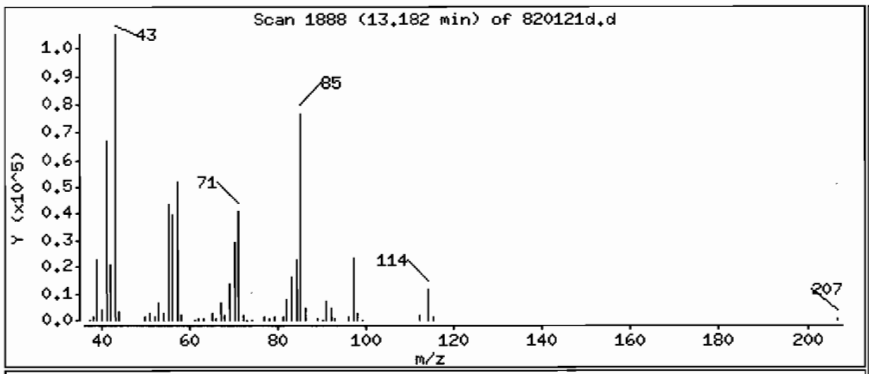
Client ID: CE-VAPOR-2 Instrument: F.i

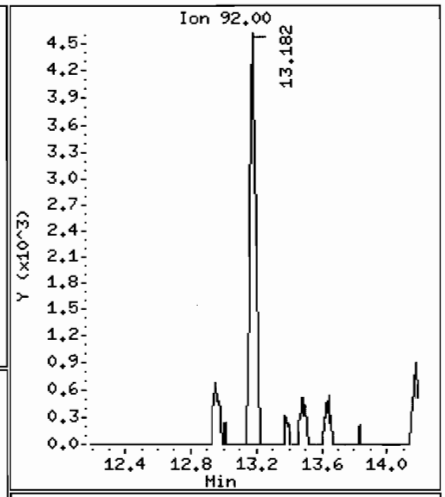
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

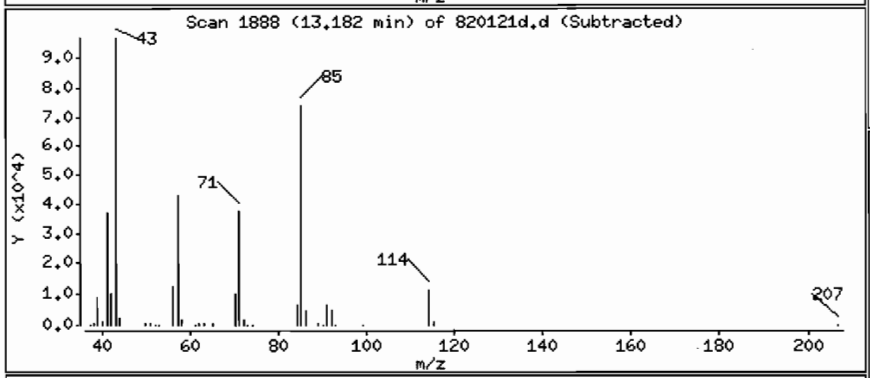
Purge Volume: 20.0 Operator: wrd

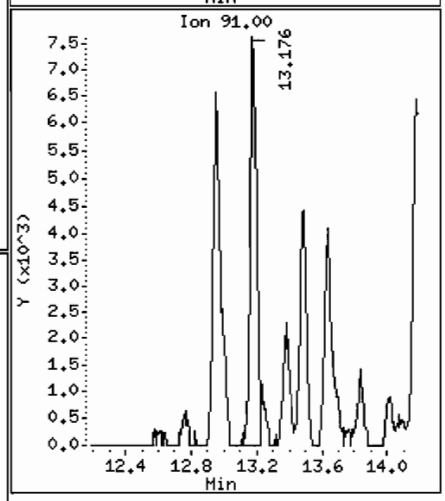
Column phase: RTX-624 Column diameter: 0.32

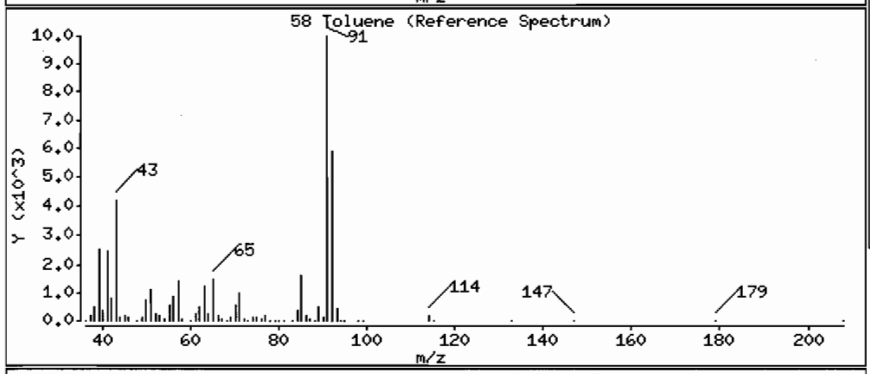
58 Toluene Concentration: 2.4 ppbv

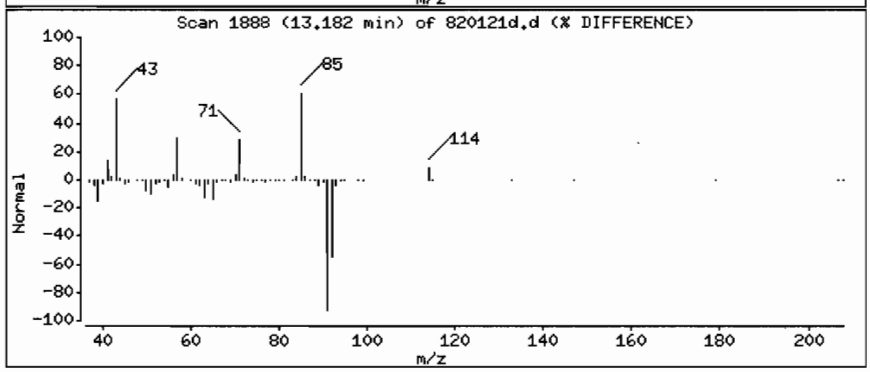












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

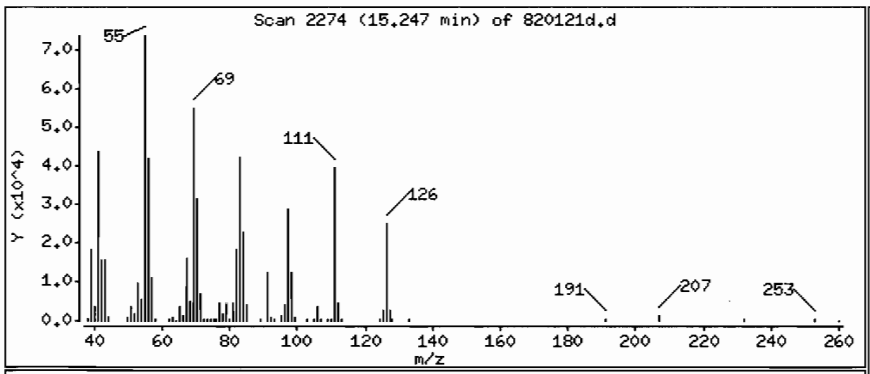
Client ID: CE-VAPOR-2 Instrument: F.i

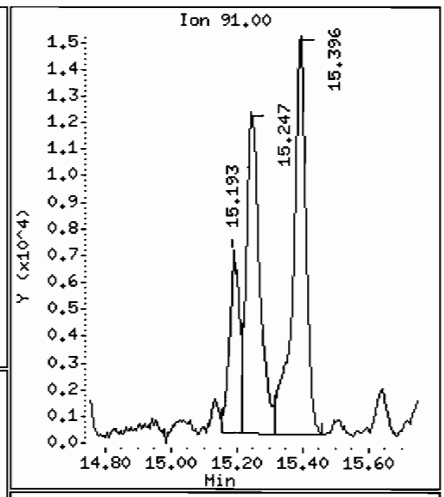
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

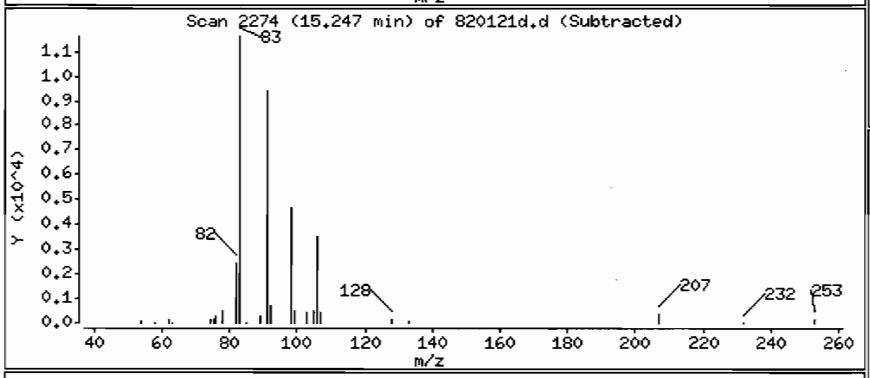
Purge Volume: 20.0 Operator: wrd

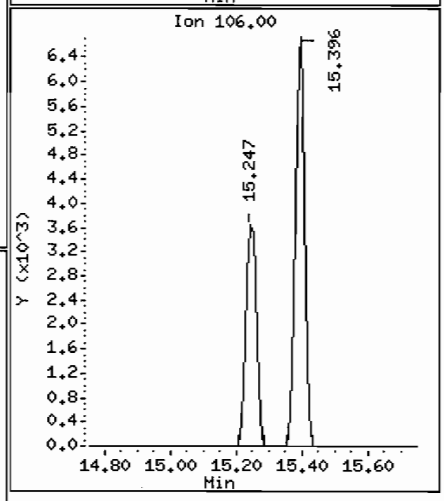
Column phase: RTX-624 Column diameter: 0.32

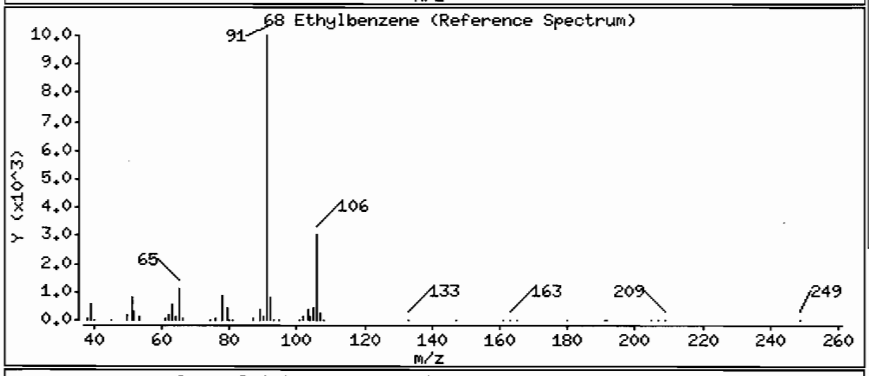
68 Ethylbenzene Concentration: 3.3 ppbv

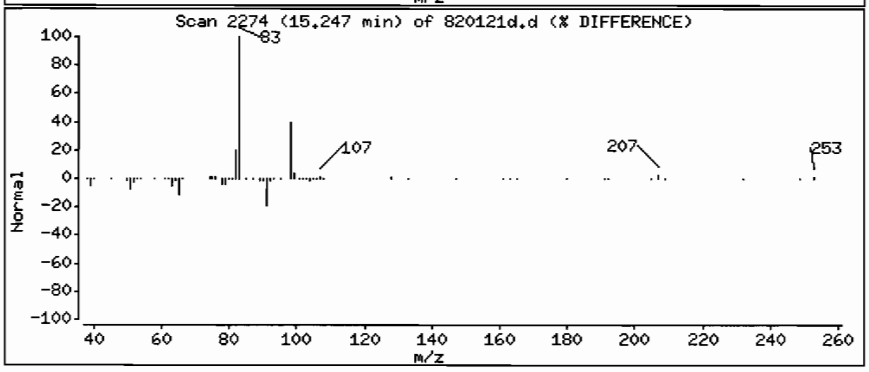












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

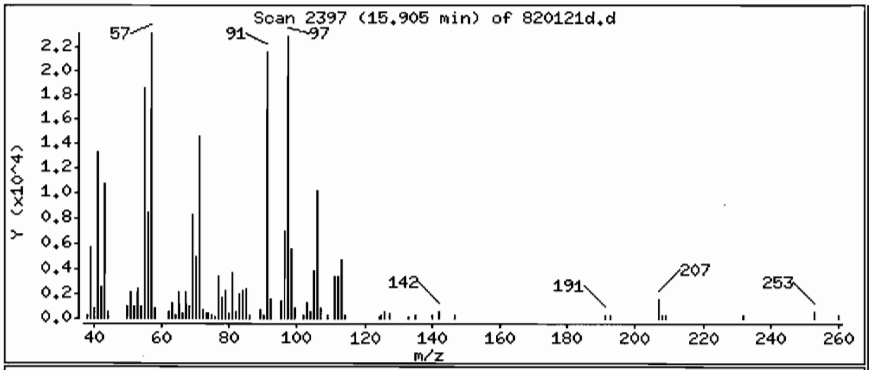
Client ID: CE-VAPOR-2 Instrument: F.i

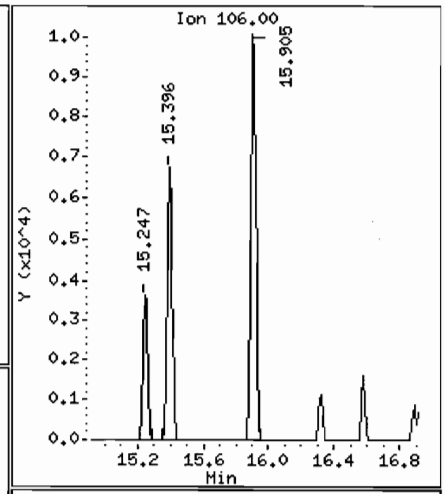
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

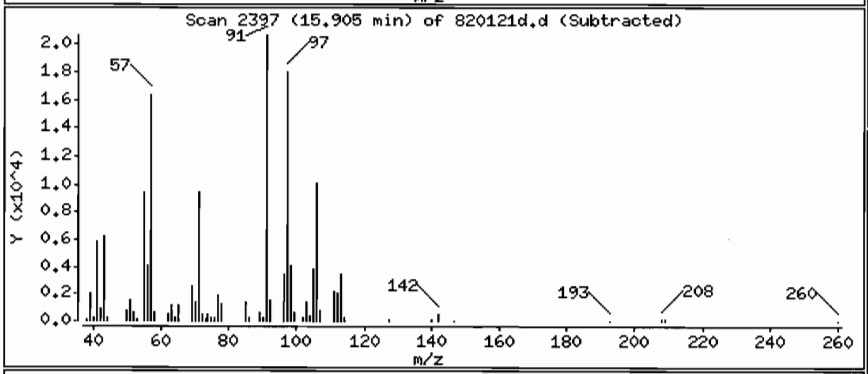
Purge Volume: 20.0 Operator: wrd

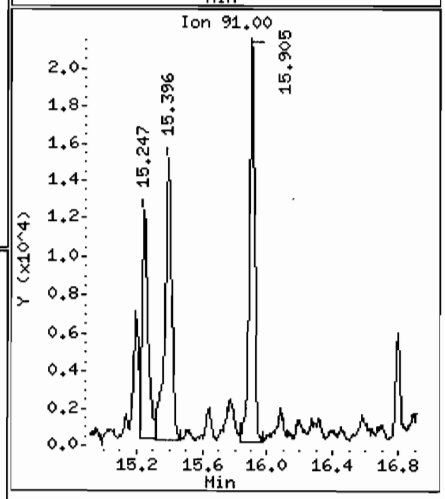
Column phase: RTX-624 Column diameter: 0.32

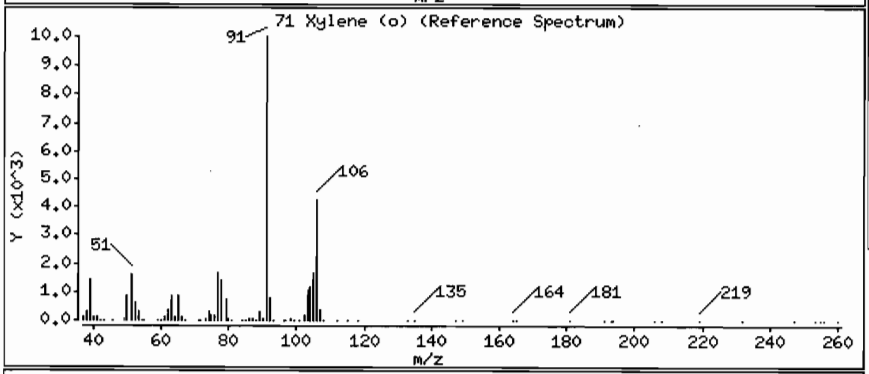
71 Xylene (o) Concentration: 5.2 ppbv

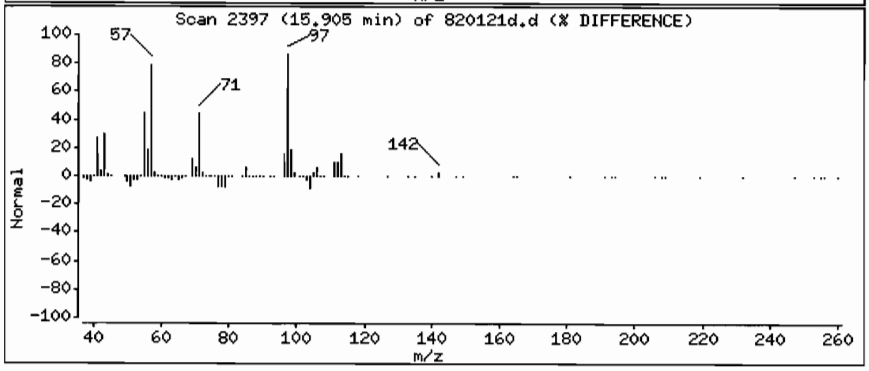












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

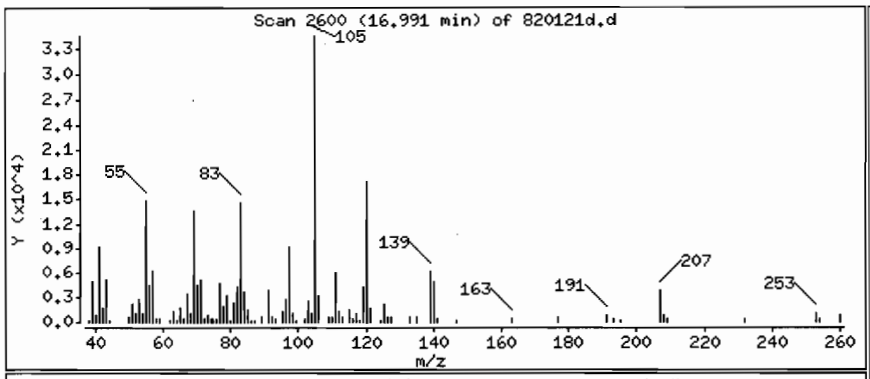
Client ID: CE-VAPOR-2 Instrument: F.i

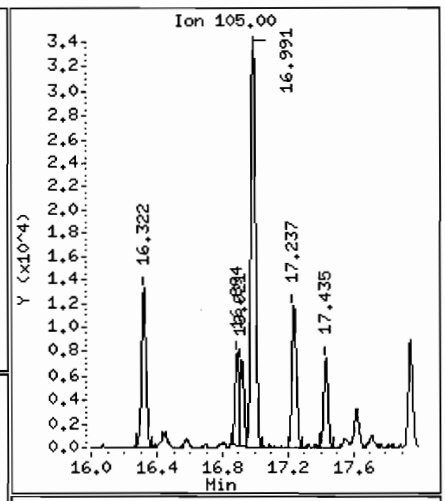
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

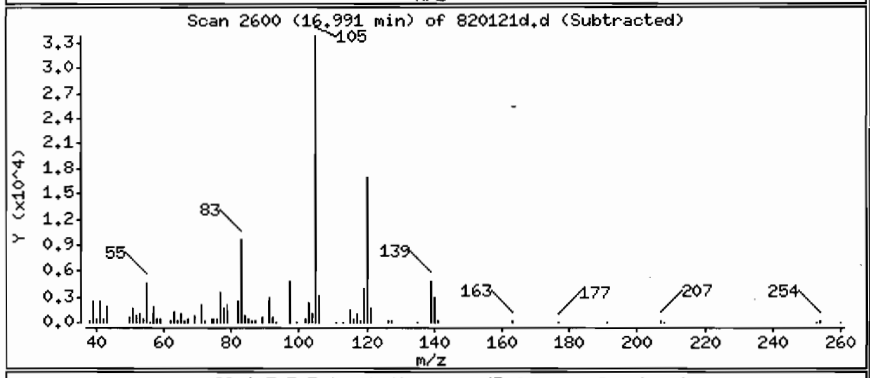
Purge Volume: 20.0 Operator: wrd

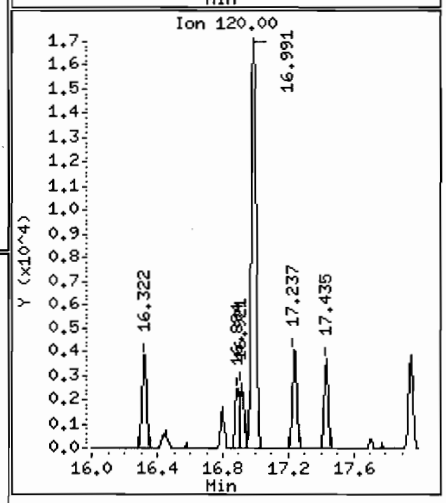
Column phase: RTX-624 Column diameter: 0.32

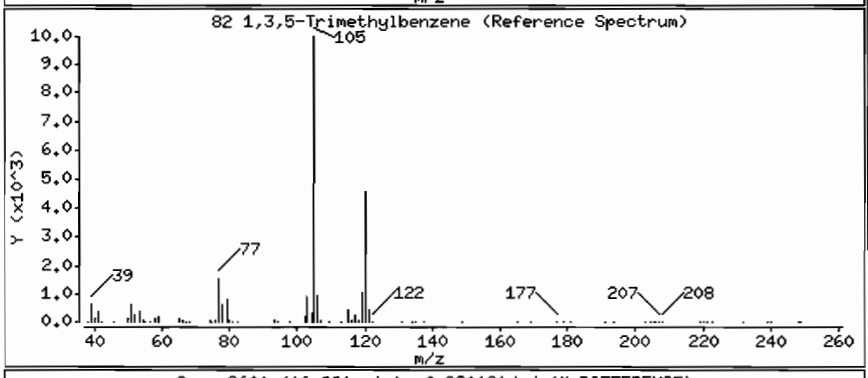
82 1,3,5-Trimethylbenzene Concentration: 6.0 ppbv

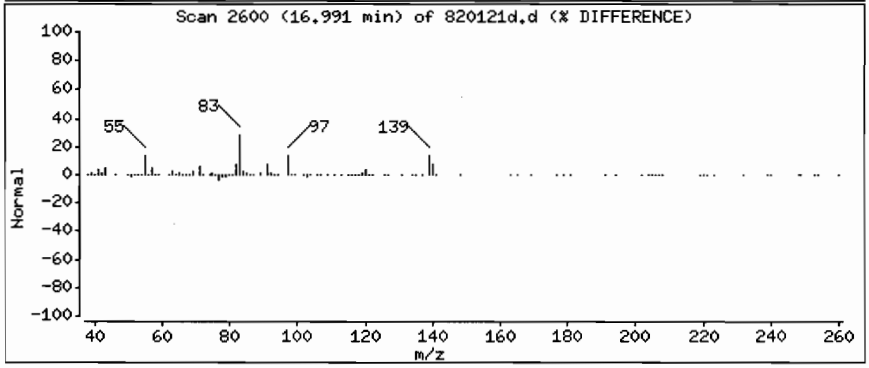












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

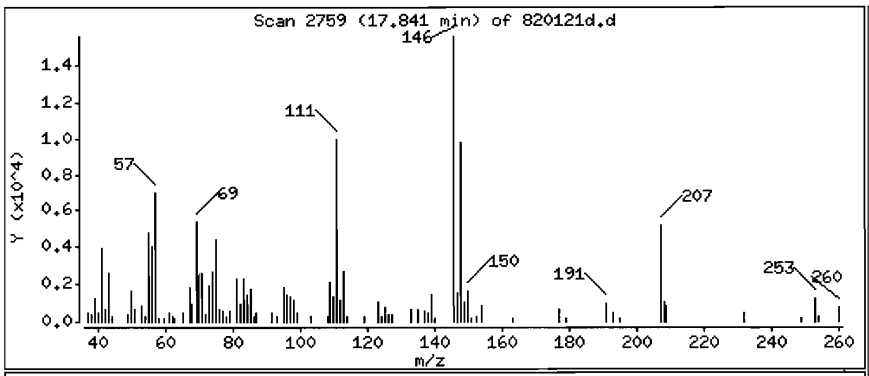
Client ID: CE-VAPOR-2 Instrument: F.i

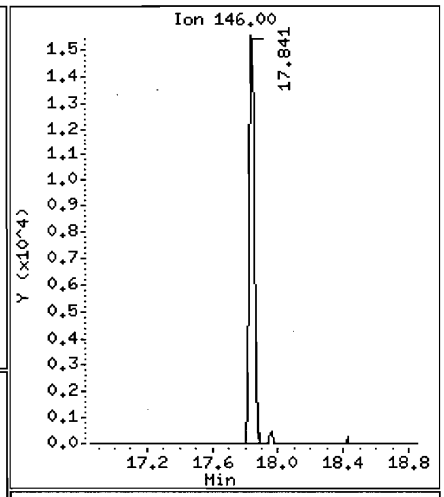
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

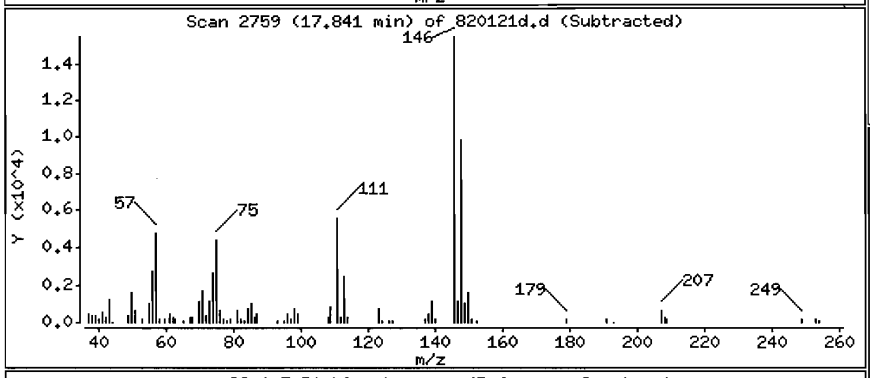
Purge Volume: 20.0 Operator: wrd

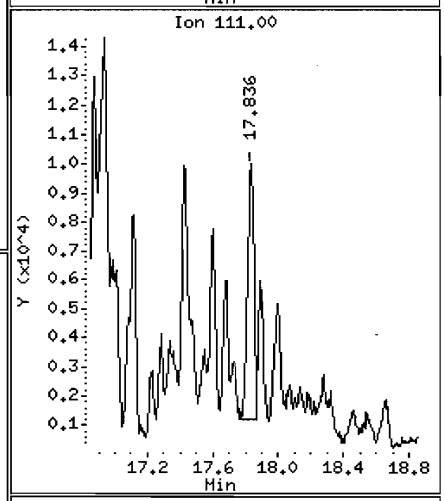
Column phase: RTX-624 Column diameter: 0.32

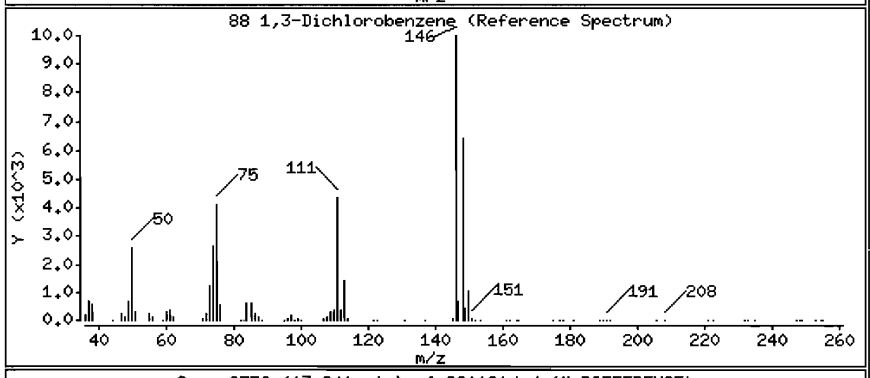
88 1,3-Dichlorobenzene Concentration: 3.9 ppbv

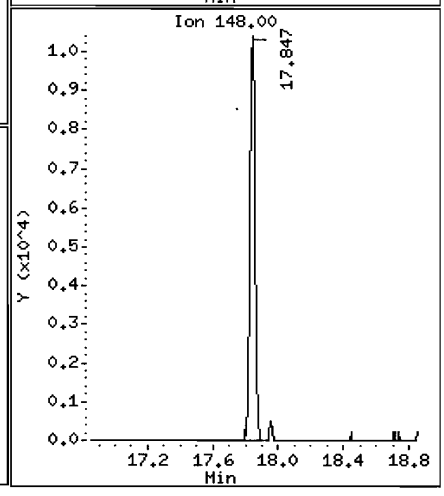


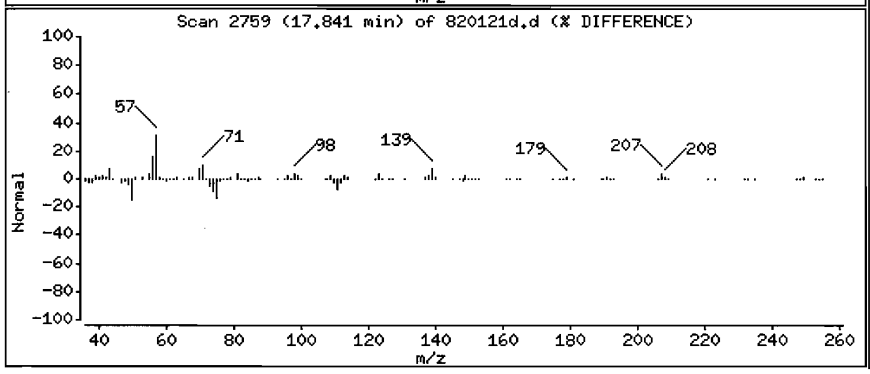












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820122

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820122D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.7	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.67	U
74-87-3	Chloromethane	1.7	U
75-01-4	Vinyl Chloride	0.67	U
106-99-0	1,3-Butadiene	1.7	U
74-83-9	Bromomethane	0.67	U
75-00-3	Chloroethane	1.7	U
593-60-2	Bromoethene	0.67	U
75-69-4	Trichlorofluoromethane	0.67	U
76-13-1	Freon TF	0.67	U
75-35-4	1,1-Dichloroethene	0.67	U
67-64-1	Acetone	58	
67-63-0	Isopropyl Alcohol	86	
75-15-0	Carbon disulfide	1.7	U
107-05-1	3-Chloropropene	1.7	U
75-09-2	Methylene chloride	1.7	U
75-65-0	tert-Butyl Alcohol	17	U
1634-04-4	Methyl tert-Butyl Ether	1.7	U
156-60-5	trans-1,2-Dichloroethene	0.67	U
110-54-3	n-Hexane	1.7	U
75-34-3	1,1-Dichloroethane	0.67	U
78-93-3	Methyl Ethyl Ketone	35	
156-59-2	cis-1,2-Dichloroethene	0.67	U
540-59-0	1,2-Dichloroethene,Total	0.67	U
67-66-3	Chloroform	0.67	U
109-99-9	Tetrahydrofuran	21	
71-55-6	1,1,1-Trichloroethane	0.67	U
110-82-7	Cyclohexane	0.67	U
56-23-5	Carbon tetrachloride	0.67	U
540-84-1	2,2,4-Trimethylpentane	0.67	U
71-43-2	Benzene	0.67	U
107-06-2	1,2-Dichloroethane	0.67	U
142-82-5	n-Heptane	0.88	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820122

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820122D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.67	U
78-87-5	1,2-Dichloropropane	0.67	U
123-91-1	1,4-Dioxane	17	U
75-27-4	Bromodichloromethane	0.67	U
10061-01-5	cis-1,3-Dichloropropene	0.67	U
108-10-1	Methyl Isobutyl Ketone	1.7	U
108-88-3	Toluene	3.6	
10061-02-6	trans-1,3-Dichloropropene	0.67	U
79-00-5	1,1,2-Trichloroethane	0.67	U
127-18-4	Tetrachloroethene	0.67	
591-78-6	Methyl Butyl Ketone	1.7	U
124-48-1	Dibromochloromethane	0.67	U
106-93-4	1,2-Dibromoethane	0.67	U
108-90-7	Chlorobenzene	0.67	U
100-41-4	Ethylbenzene	1.9	
1330-20-7	Xylene (m,p)	5.5	
95-47-6	Xylene (o)	3.1	
1330-20-7	Xylenes, Total	8.7	
100-42-5	Styrene	0.76	
75-25-2	Bromoform	0.67	U
79-34-5	1,1,2,2-Tetrachloroethane	0.67	U
622-96-8	4-Ethyltoluene	0.73	
108-67-8	1,3,5-Trimethylbenzene	1.3	
95-49-8	2-Chlorotoluene	0.67	U
95-63-6	1,2,4-Trimethylbenzene	2.1	
541-73-1	1,3-Dichlorobenzene	5.7	
106-46-7	1,4-Dichlorobenzene	0.67	U
95-50-1	1,2-Dichlorobenzene	0.67	U
120-82-1	1,2,4-Trichlorobenzene	1.7	U
87-68-3	Hexachlorobutadiene	0.67	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Page 4

Date : 17-FEB-2010 10:56

Client ID: CE-VAPOR-3

Instrument: F.i

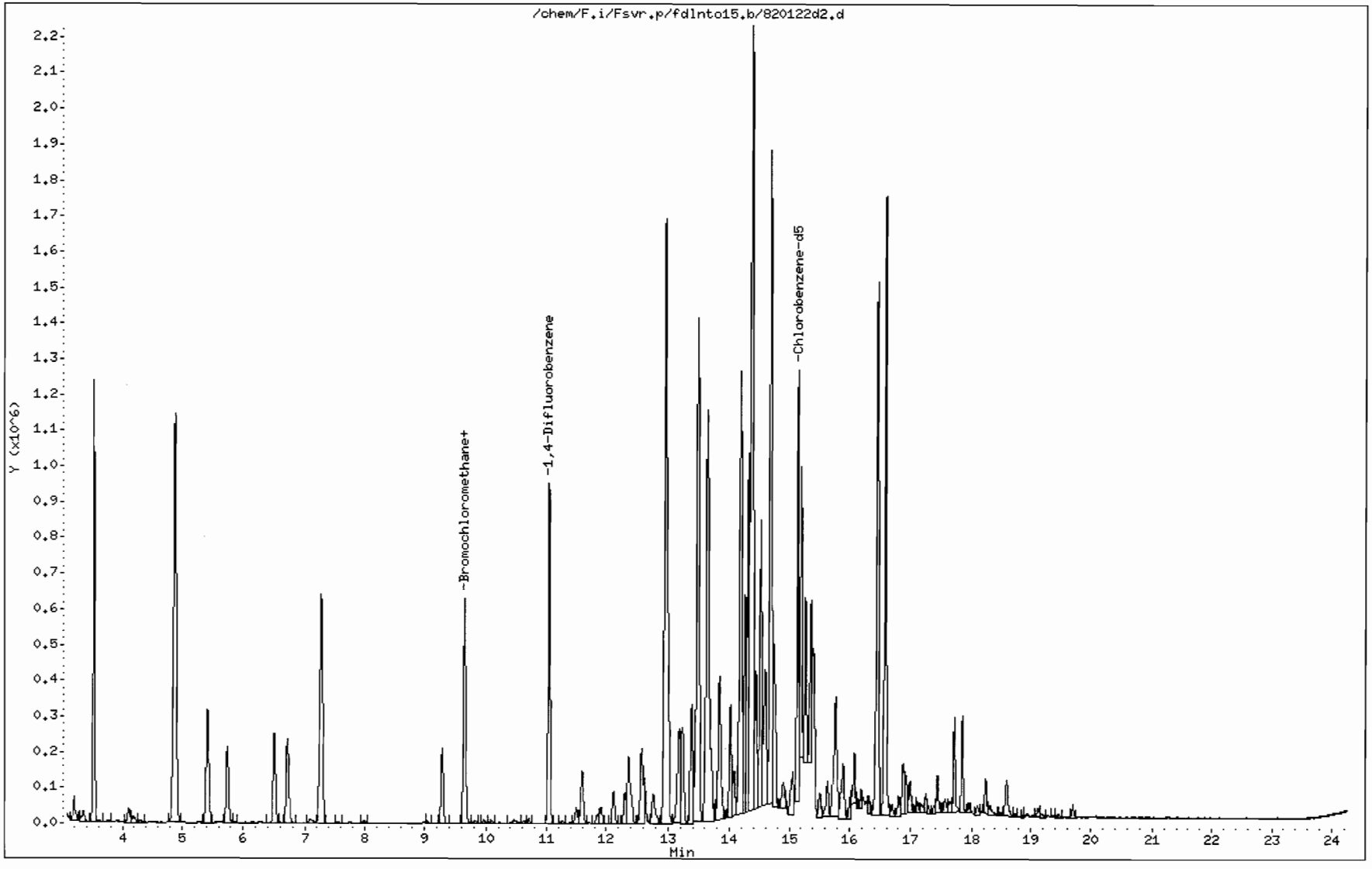
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

Purge Volume: 60.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d
Lab Smp Id: 820122 Client Smp ID: CE-VAPOR-3
Inj Date : 17-FEB-2010 10:56
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)
Misc Info : 820122;021610FA;3.33;60
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 12
Dil Factor: 3.33000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	3.33000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	60.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.500	6.516	(0.674)	449365	17.3449	58
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	471103	25.9289	86
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.282	9.293	(0.963)	100355	10.5596	35 (Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	228813	10.0000	(Q)
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	9.662	9.667	(0.876)	100305	6.28134	21
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.970)	7091	0.26289	0.88
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1086558	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	47034	1.09537	3.6
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.947	13.952	(0.922)	8155	0.20219	0.67
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	933262	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	55465	0.58339	1.9
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	64316	1.65710	5.5
	71 Xylene (o)	106	15.905	15.915	(1.051)	34932	0.92265	3.1
M	70 Xylenes, Total	106				99248	2.62141	8.7
	72 Styrene	104	15.926	15.937	(1.052)	12738	0.22772	0.76 (Q)
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	16.921	16.932	(1.118)	26058	0.21825	0.73 (Q)
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	39367	0.39986	1.3
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	63182	0.62229	2.1
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	131021	1.71831	5.7
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

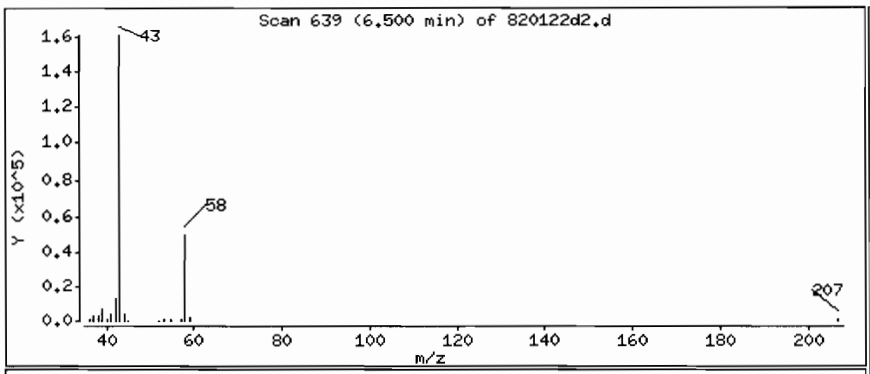
Client ID: CE-VAPOR-3 Instrument: F.i

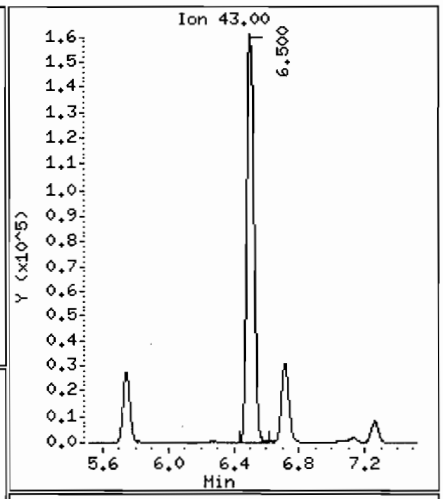
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

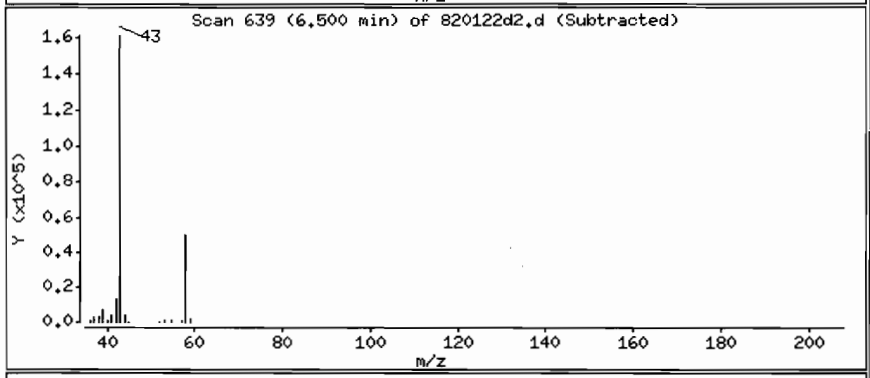
Purge Volume: 60.0 Operator: njr

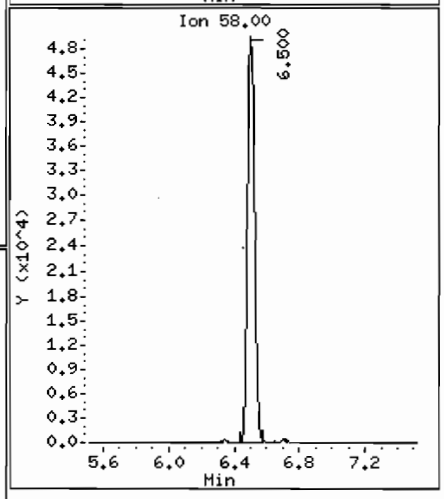
Column phase: RTX-624 Column diameter: 0.32

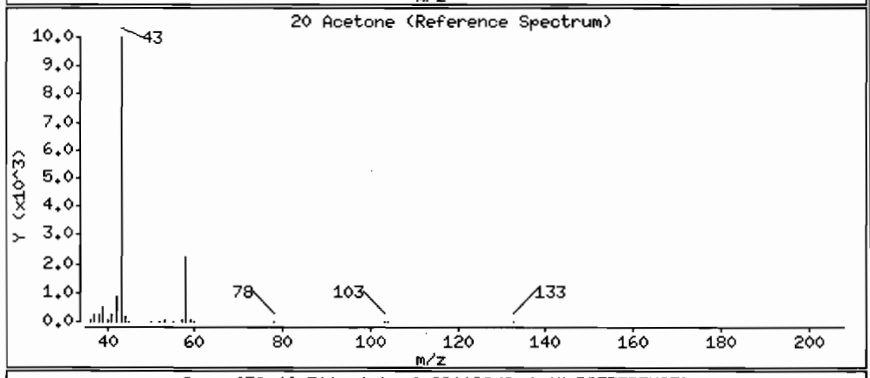
20 Acetone Concentration: 58 ppbv

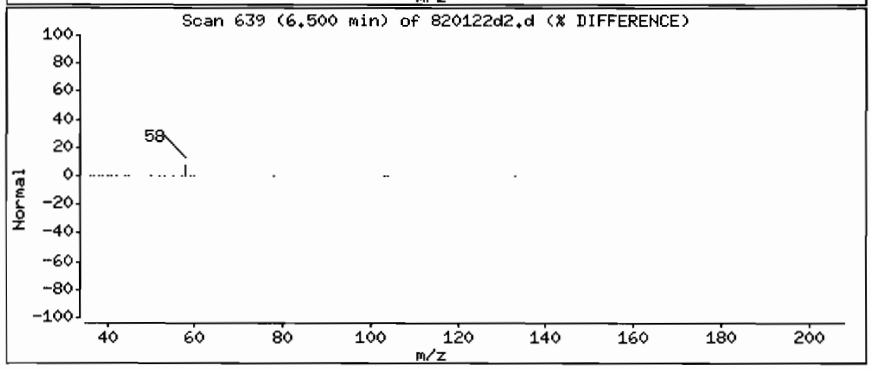












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

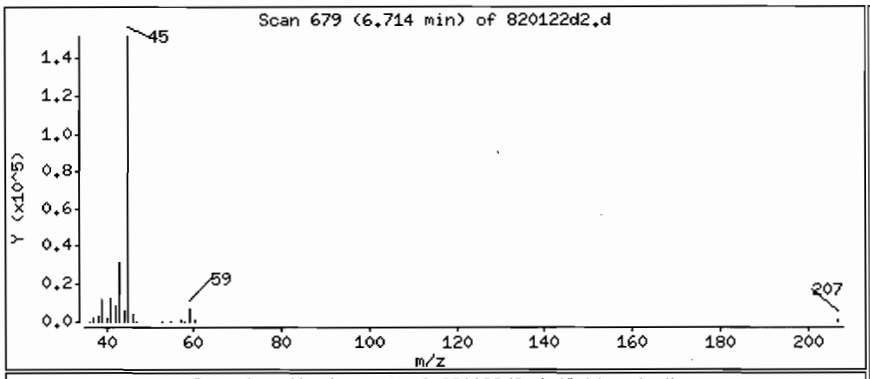
Client ID: CE-VAPOR-3 Instrument: F.i

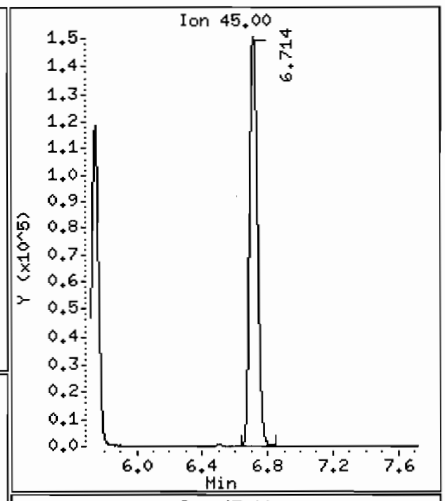
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

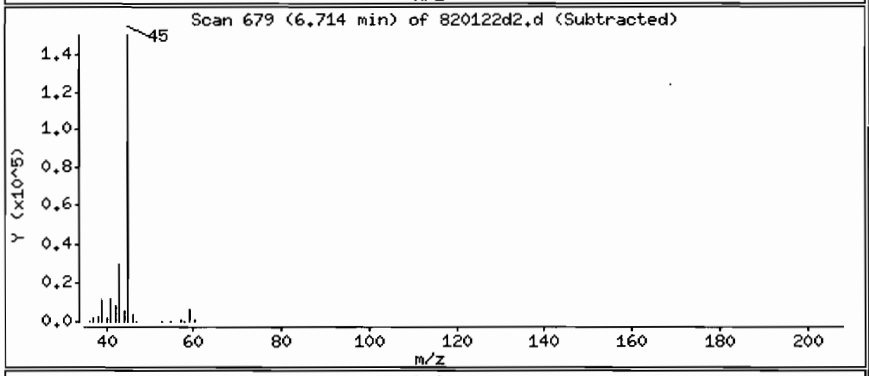
Purge Volume: 60.0 Operator: njr

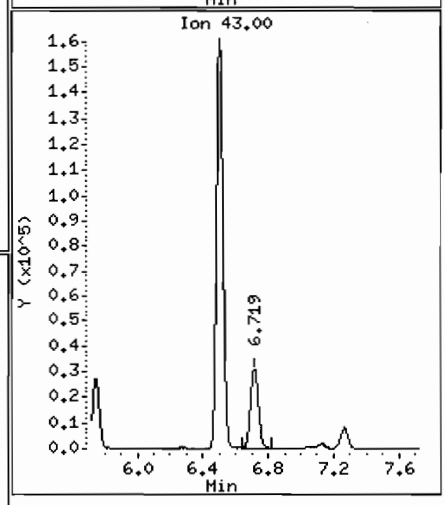
Column phase: RTX-624 Column diameter: 0.32

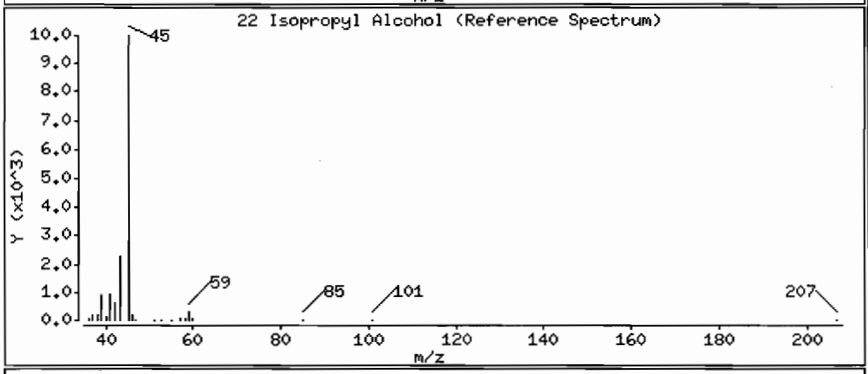
22 Isopropyl Alcohol Concentration: 86 ppbv

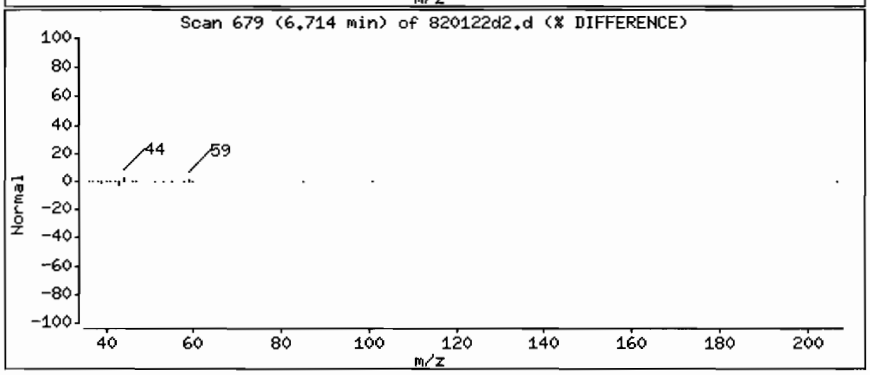












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

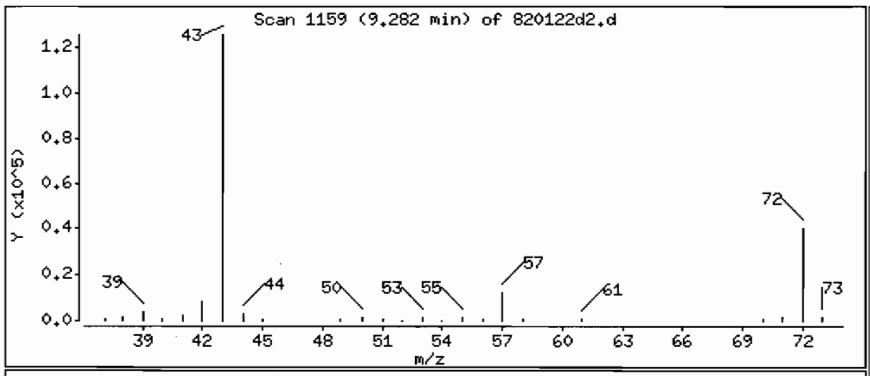
Client ID: CE-VAPOR-3 Instrument: F.i

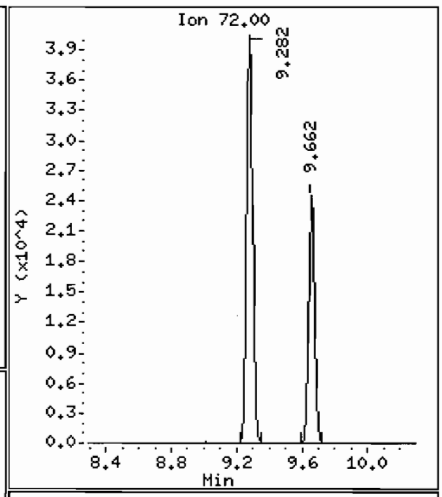
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

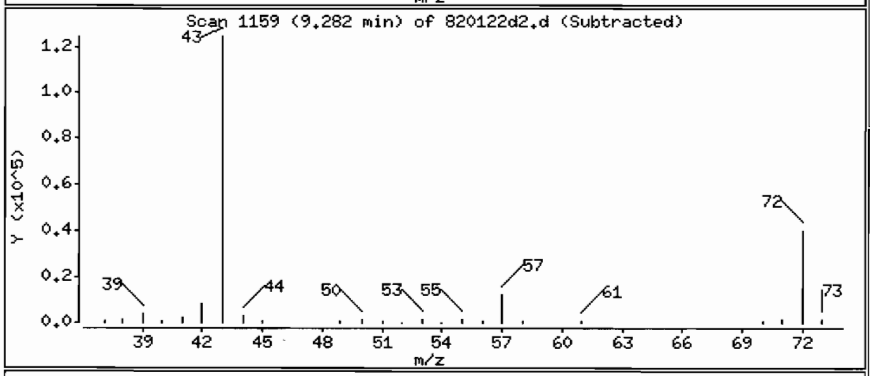
Purge Volume: 60.0 Operator: njr

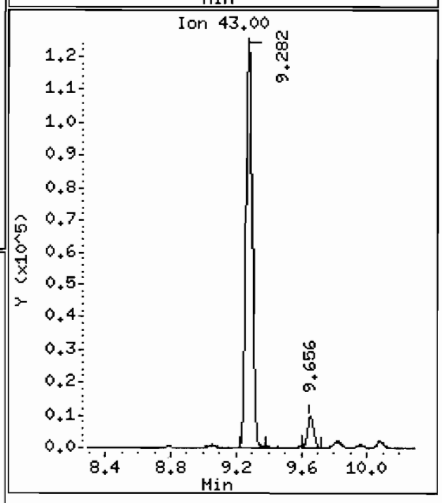
Column phase: RTX-624 Column diameter: 0.32

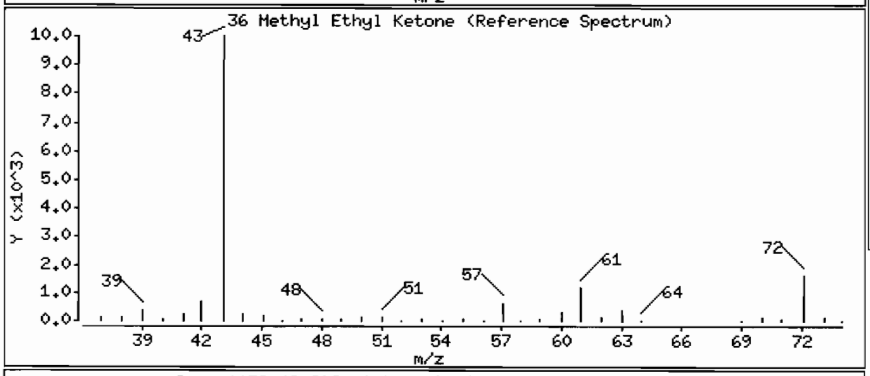
36 Methyl Ethyl Ketone Concentration: 35 ppbv

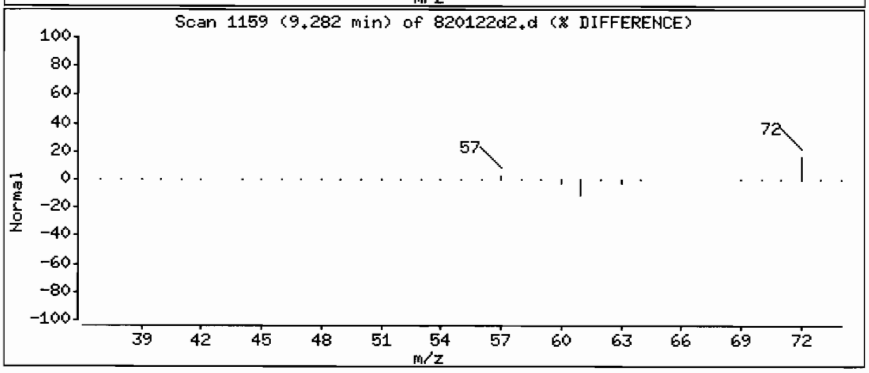












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Date : 17-FEB-2010 10:56

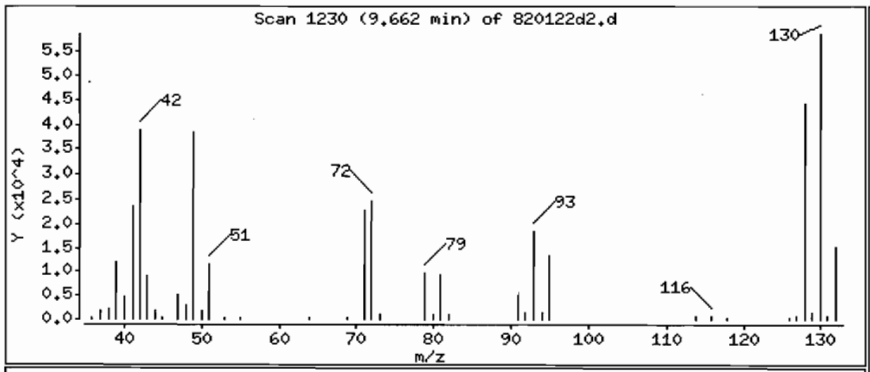
Client ID: CE-VAPOR-3 Instrument: F.i

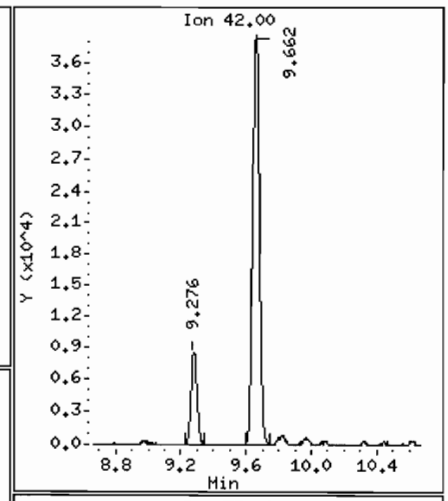
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

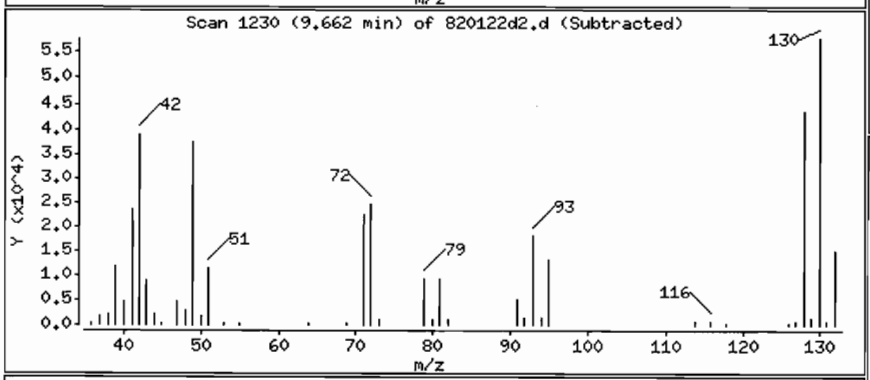
Purge Volume: 60.0 Operator: njr

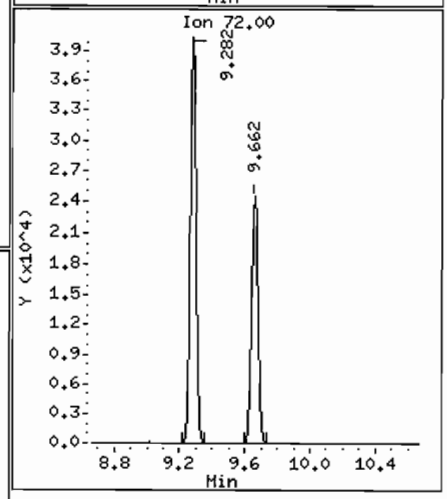
Column phase: RTX-624 Column diameter: 0.32

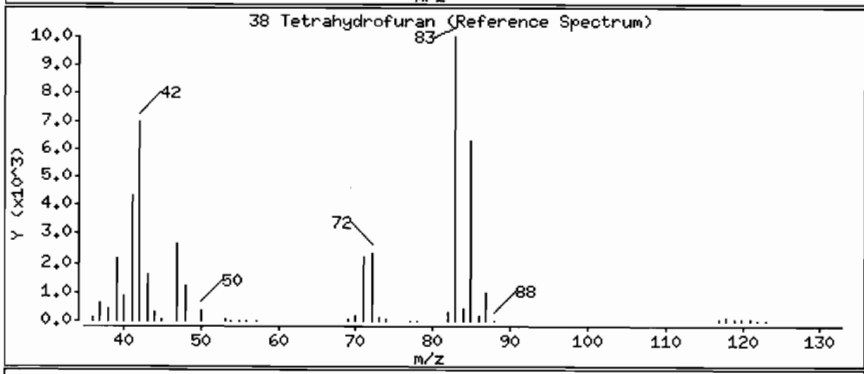
38 Tetrahydrofuran Concentration: 21 ppbv

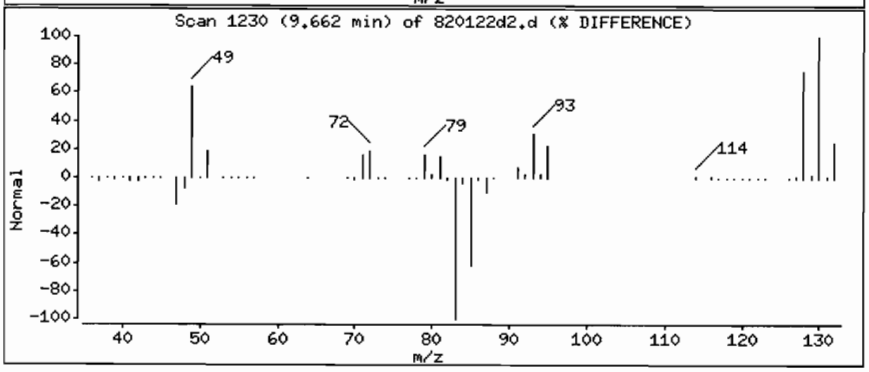












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

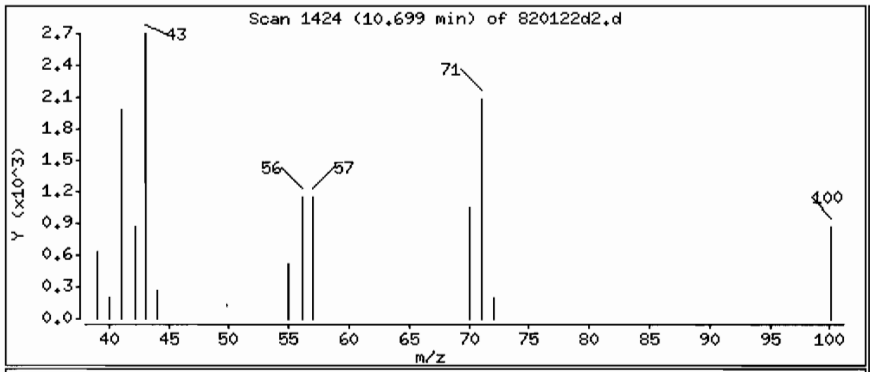
Client ID: CE-VAPOR-3 Instrument: F.i

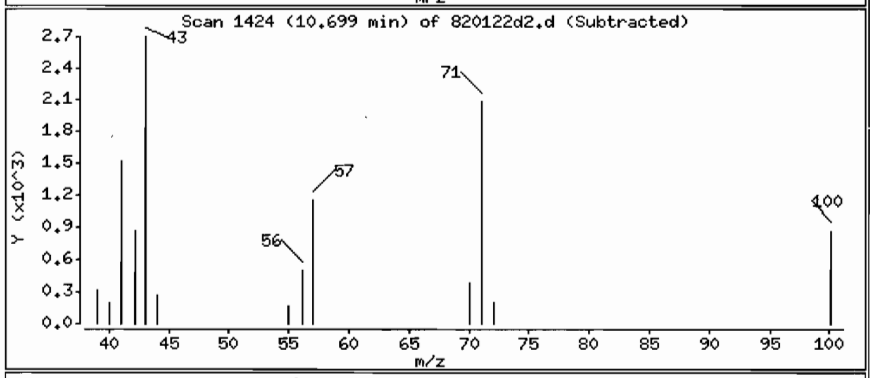
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

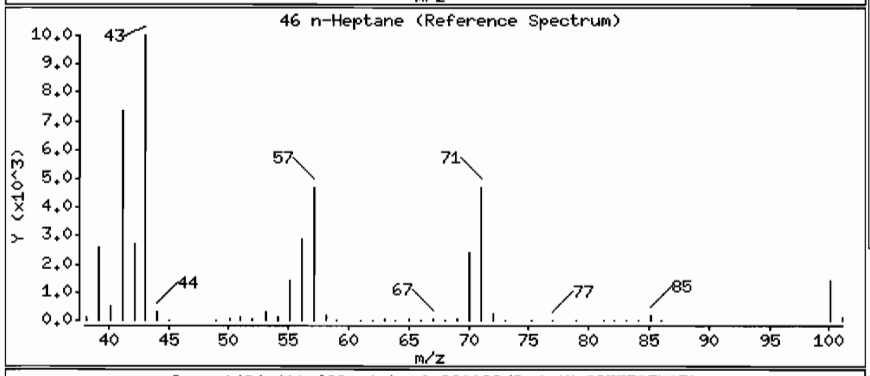
Purge Volume: 60.0 Operator: njr

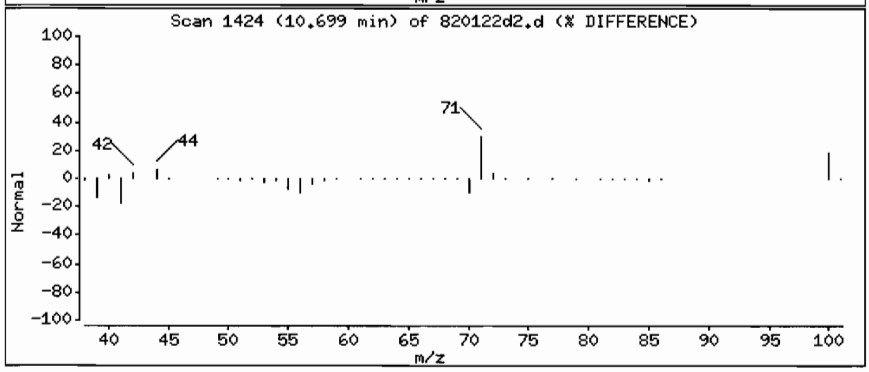
Column phase: RTX-624 Column diameter: 0.32

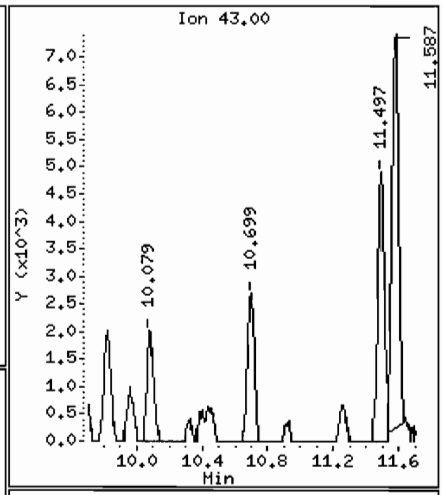
46 n-Heptane Concentration: 0.88 ppbv

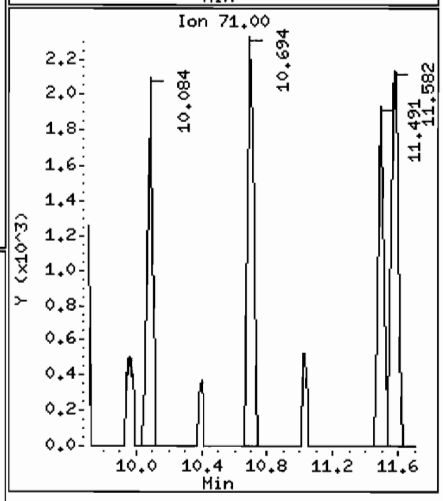












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

Client ID: CE-VAPOR-3

Instrument: F.i

Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

Purge Volume: 60.0

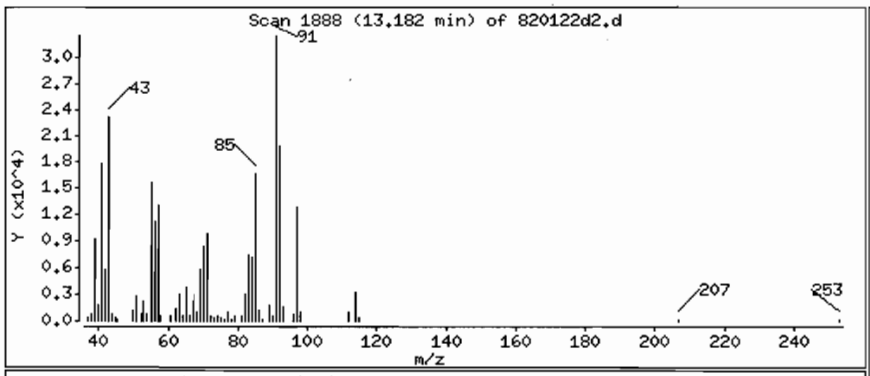
Operator: njr

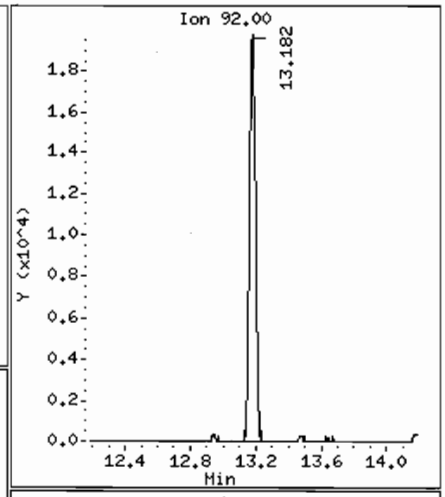
Column phase: RTX-624

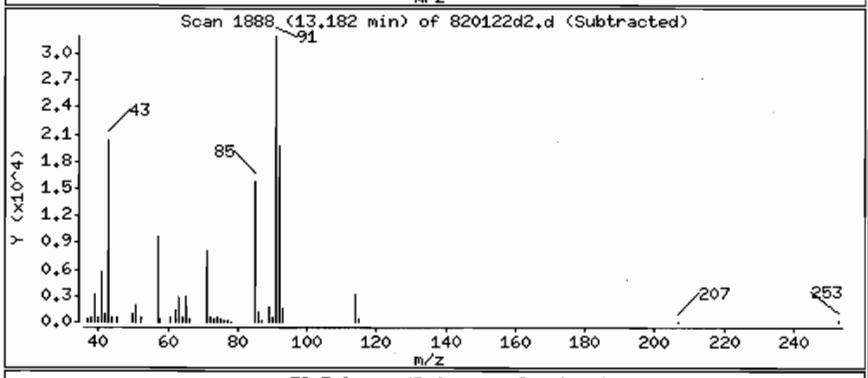
Column diameter: 0.32

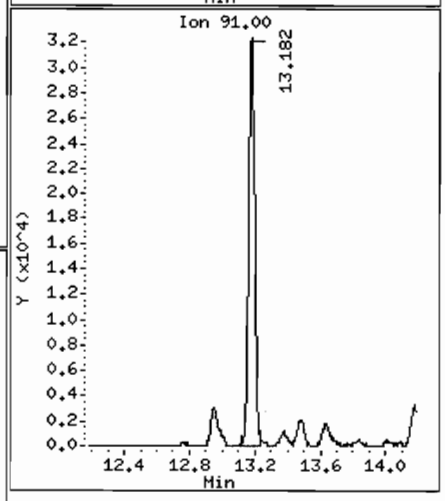
58 Toluene

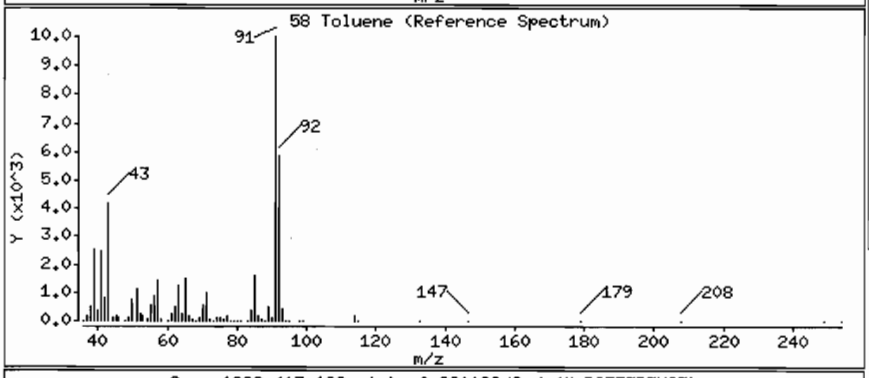
Concentration: 3.6 ppbv

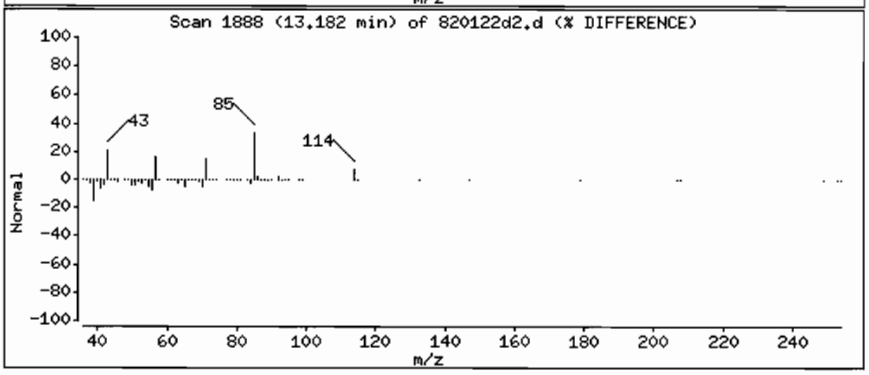












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

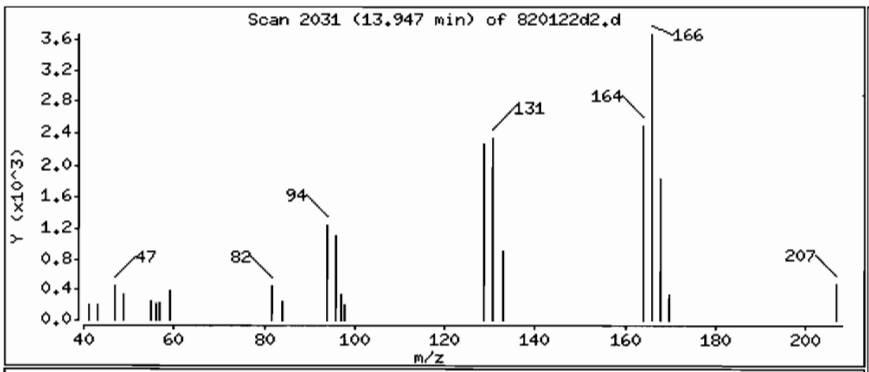
Client ID: CE-VAPOR-3 Instrument: F.i

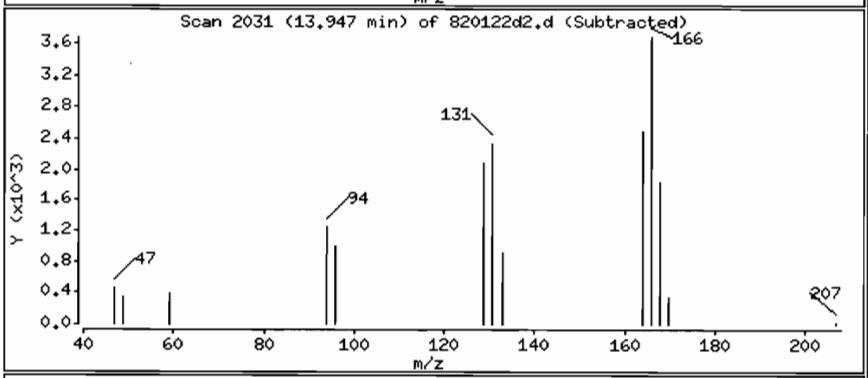
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

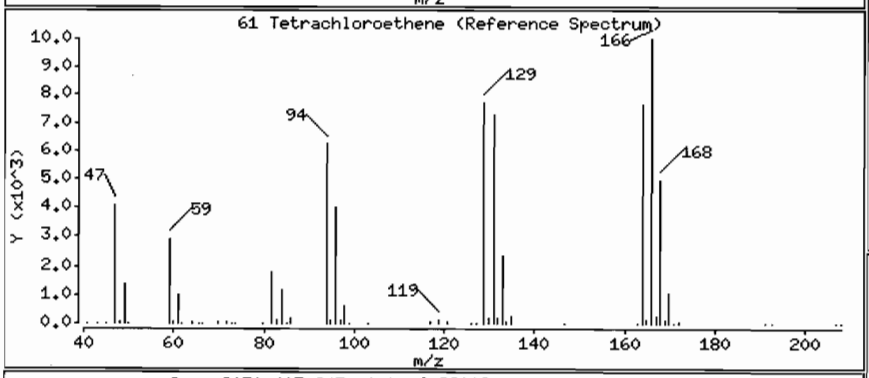
Purge Volume: 60.0 Operator: njr

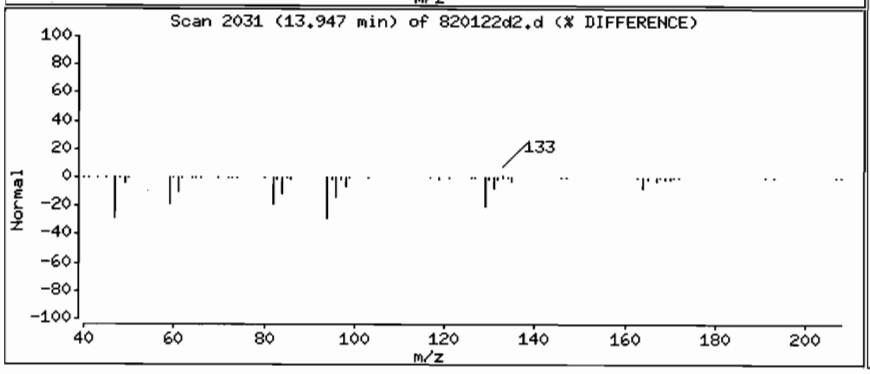
Column phase: RTX-624 Column diameter: 0.32

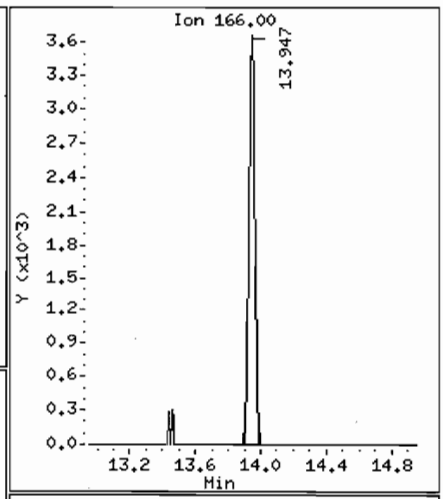
61 Tetrachloroethene Concentration: 0.67 ppbv

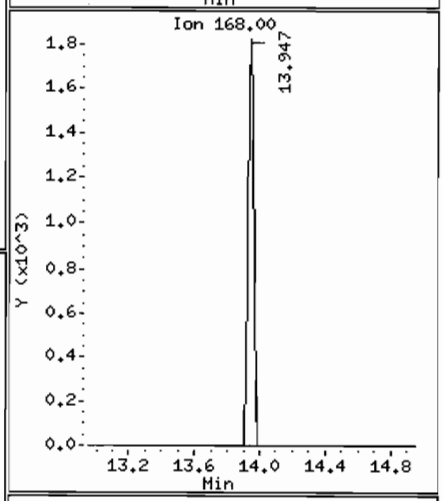


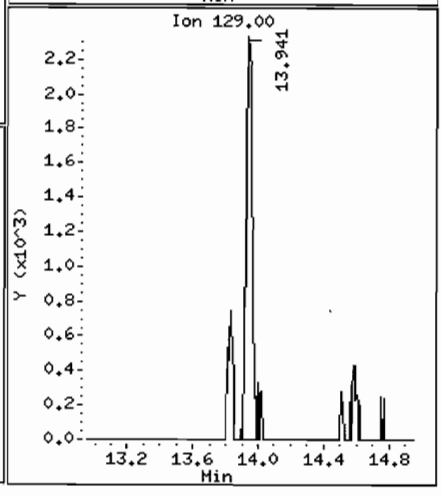












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

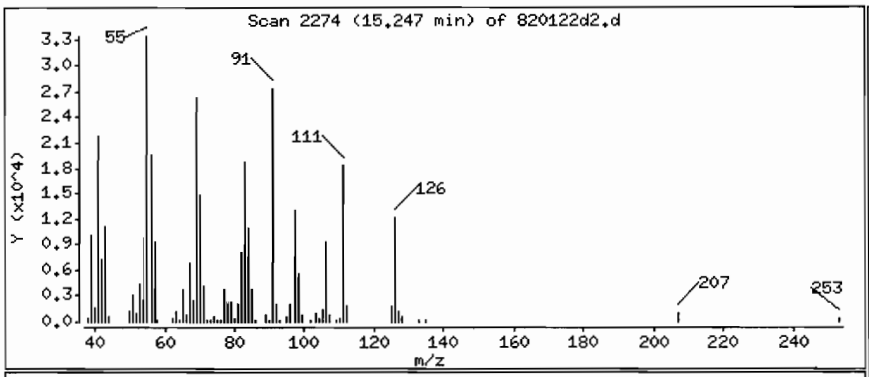
Client ID: CE-VAPOR-3 Instrument: F.i

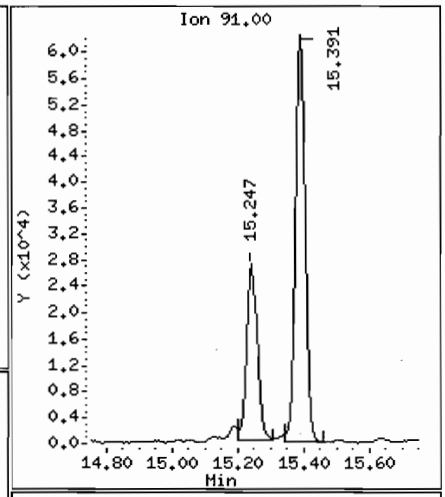
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

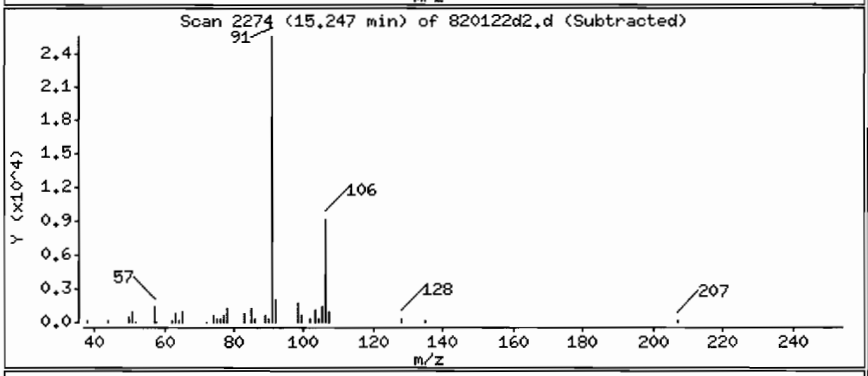
Purge Volume: 60.0 Operator: njr

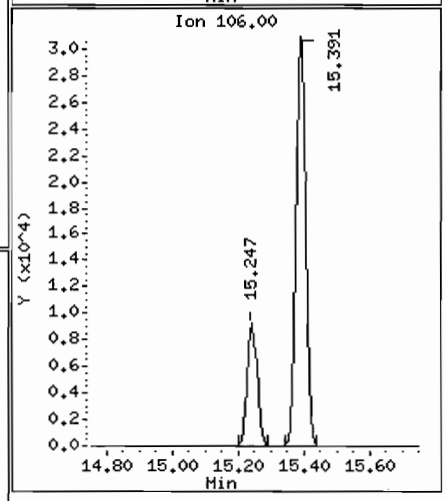
Column phase: RTX-624 Column diameter: 0.32

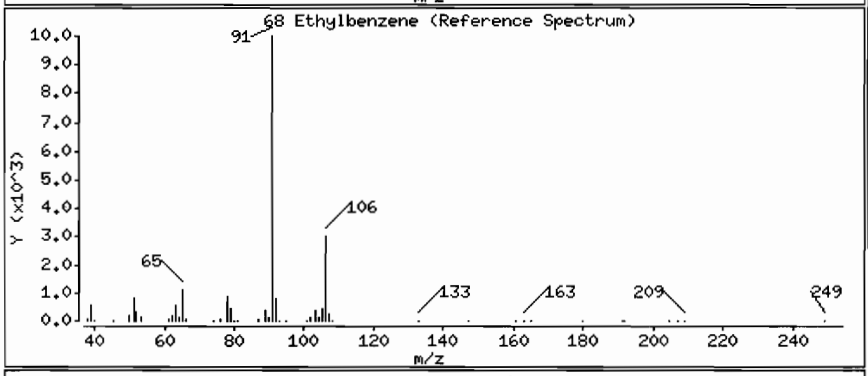
68 Ethylbenzene Concentration: 1.9 ppbv

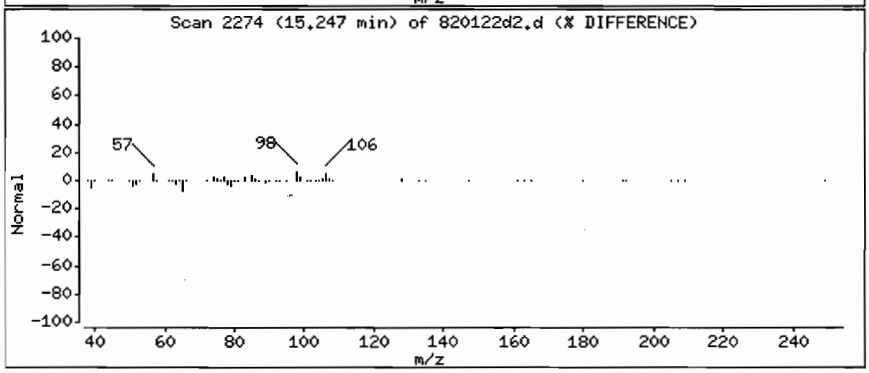












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

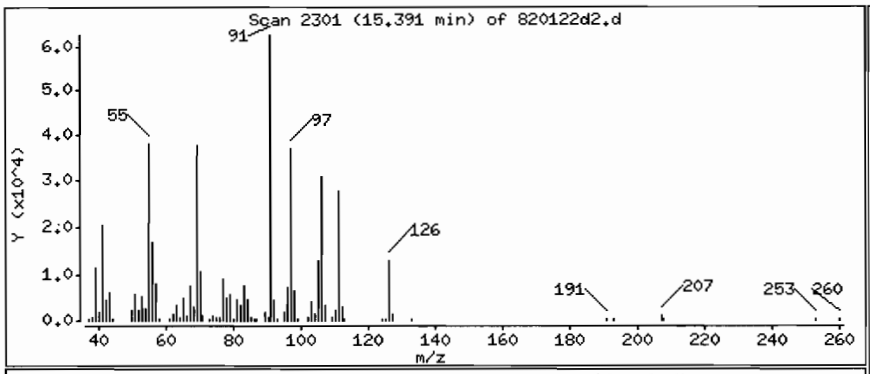
Client ID: CE-VAPOR-3 Instrument: F.i

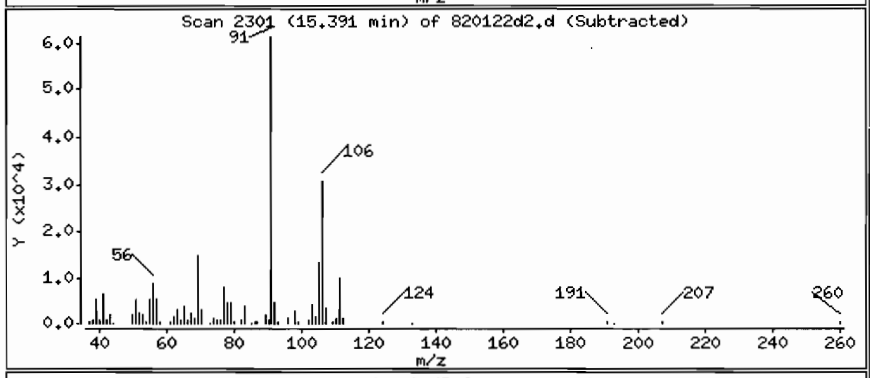
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

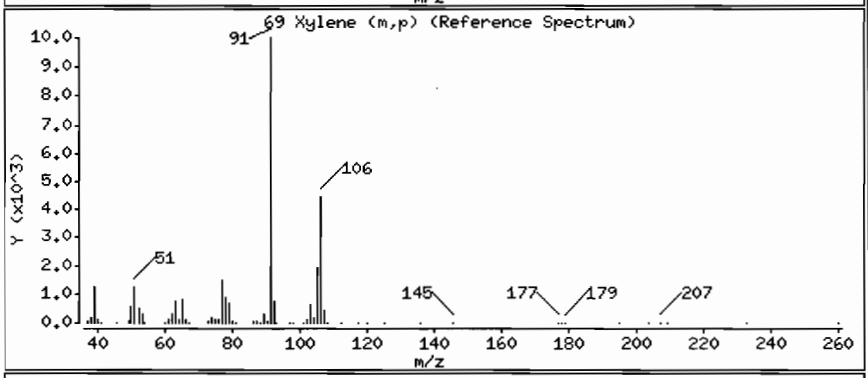
Purge Volume: 60.0 Operator: njr

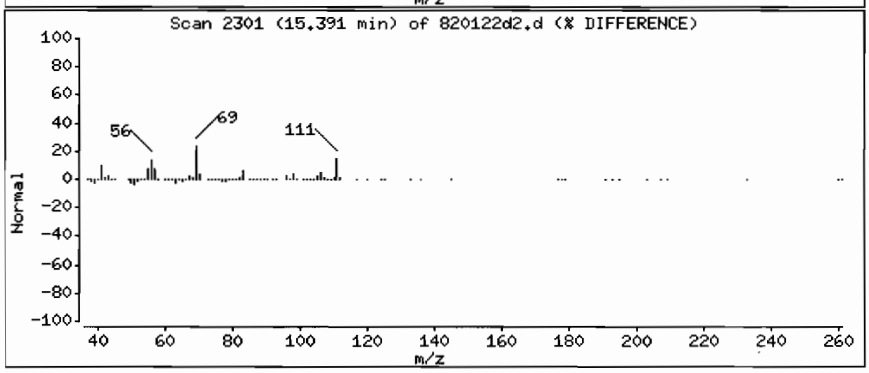
Column phase: RTX-624 Column diameter: 0.32

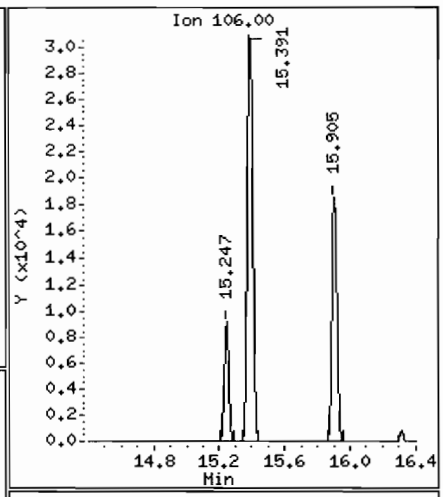
69 Xylene (m,p) Concentration: 5.5 ppbv

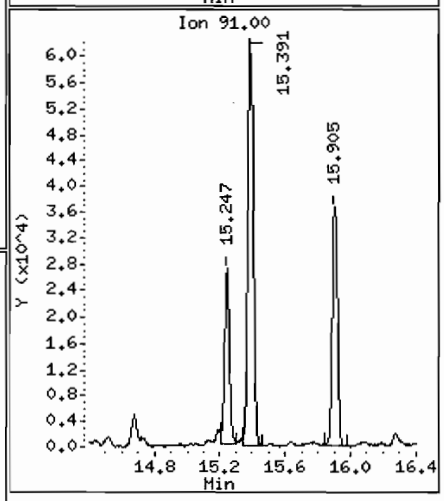












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

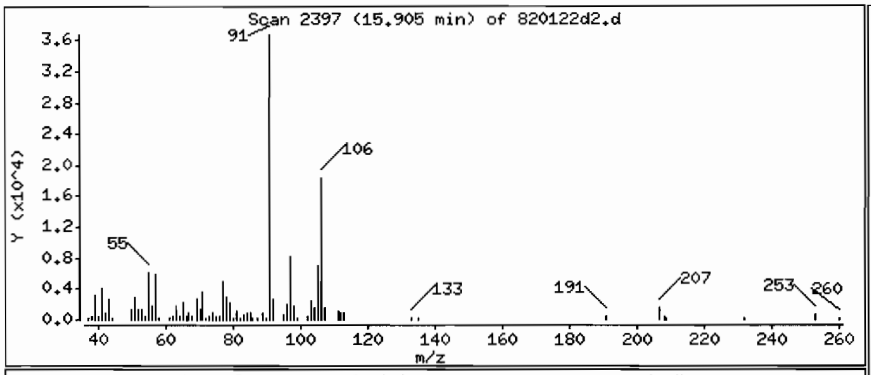
Client ID: CE-VAPOR-3 Instrument: F.i

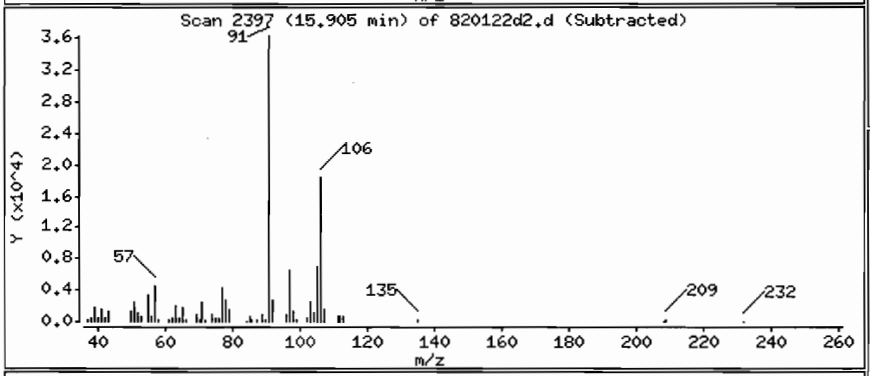
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

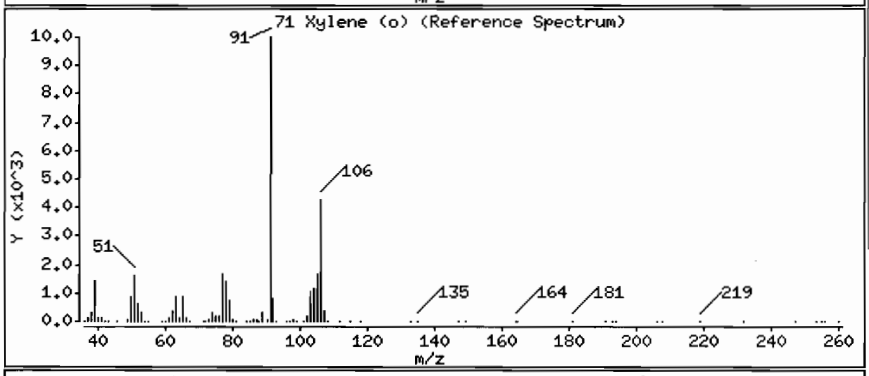
Purge Volume: 60.0 Operator: njr

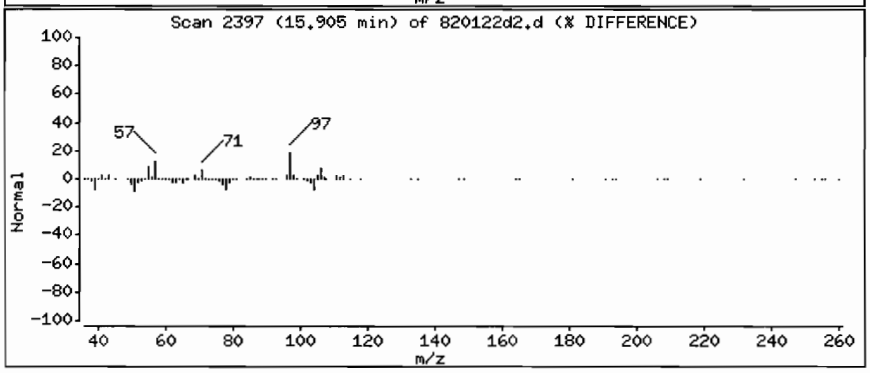
Column phase: RTX-624 Column diameter: 0.32

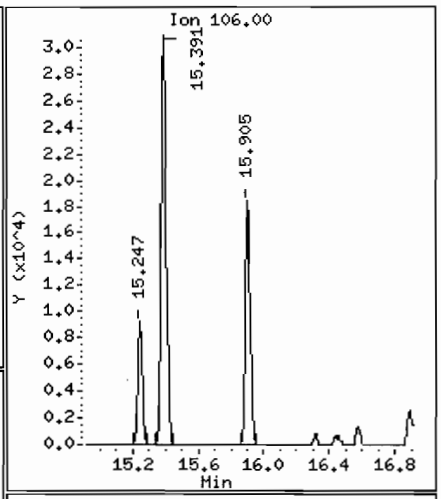
71 Xylene (o) Concentration: 3.1 ppbv

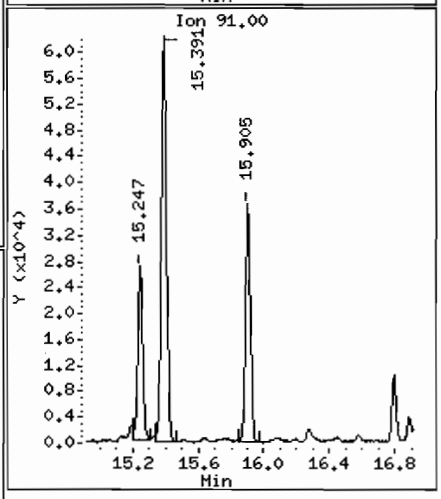












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

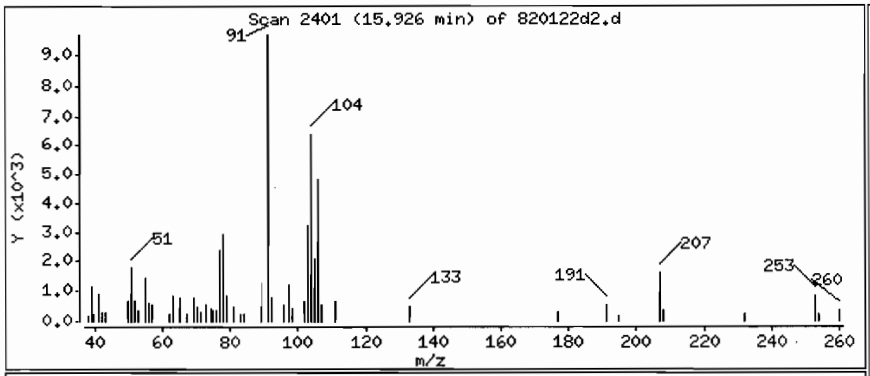
Client ID: CE-VAPOR-3 Instrument: F.i

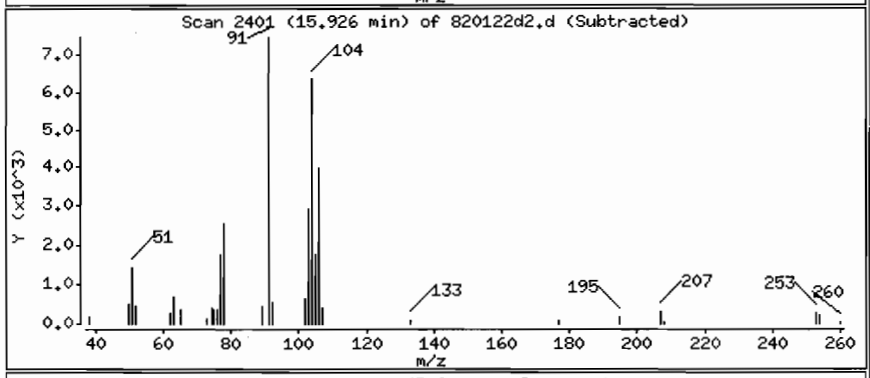
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

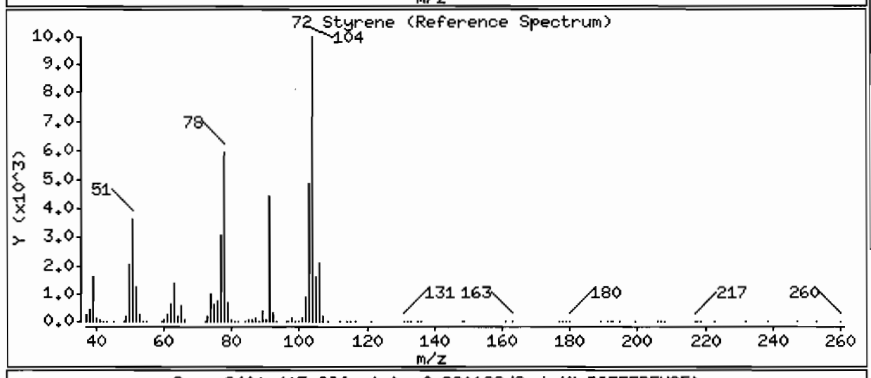
Purge Volume: 60.0 Operator: njr

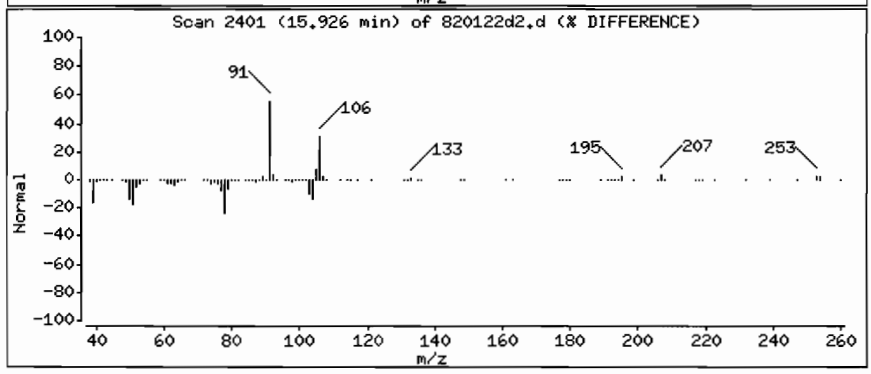
Column phase: RTX-624 Column diameter: 0.32

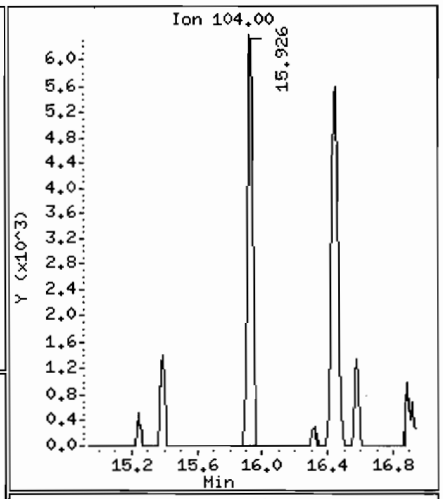
72 Styrene Concentration: 0.76 ppbv

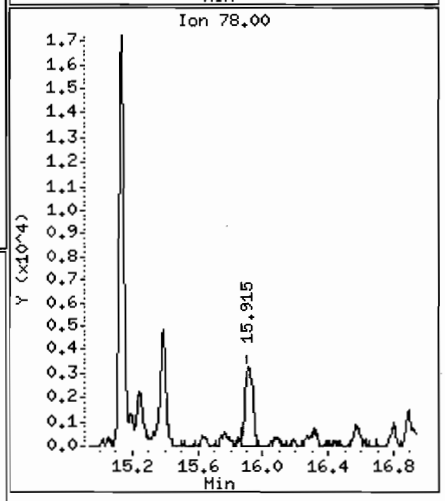












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

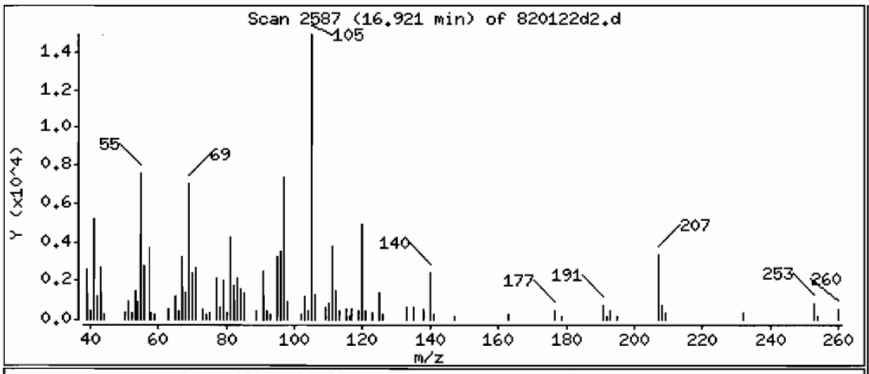
Client ID: CE-VAPOR-3 Instrument: F.i

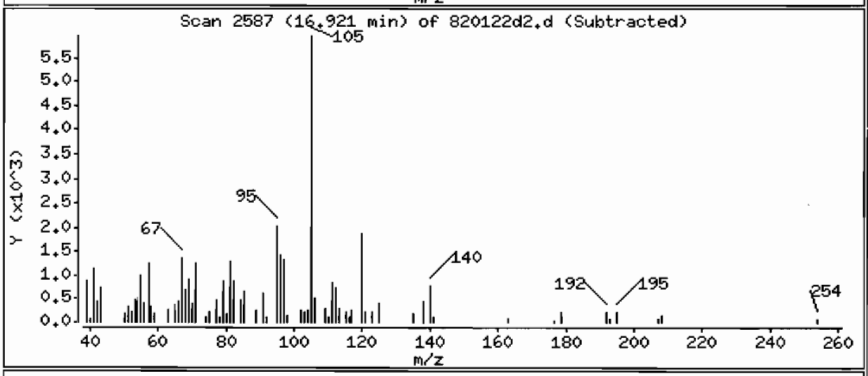
Sample Info: CE-VAPOR-3 :[J02/08/10 @1435(AIR)

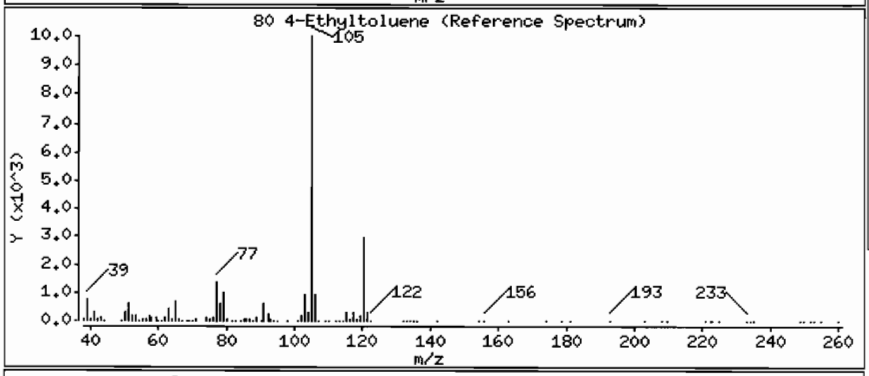
Purge Volume: 60.0 Operator: njr

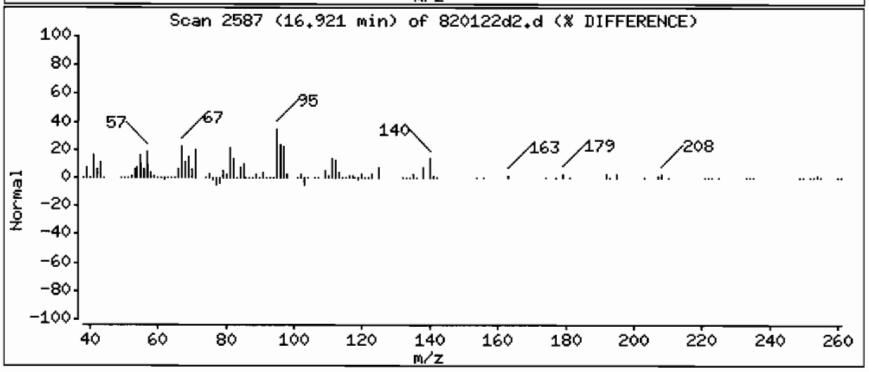
Column phase: RTX-624 Column diameter: 0.32

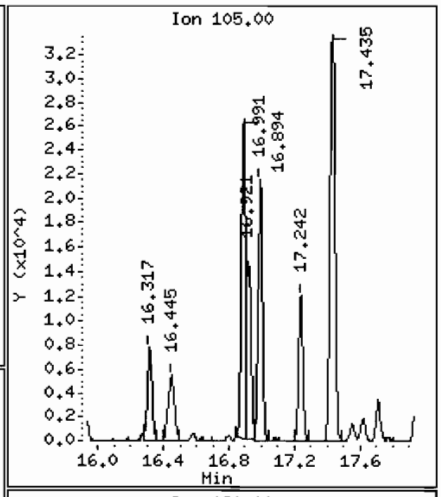
80 4-Ethyltoluene Concentration: 0.73 ppbv

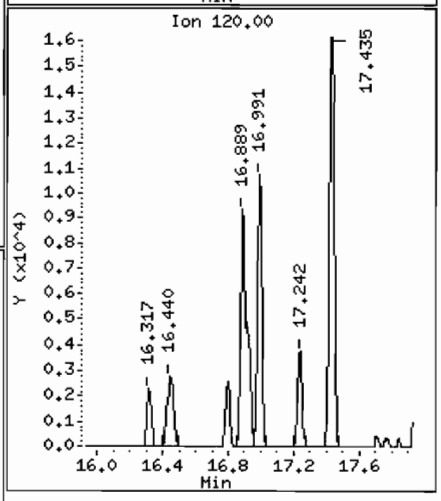












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

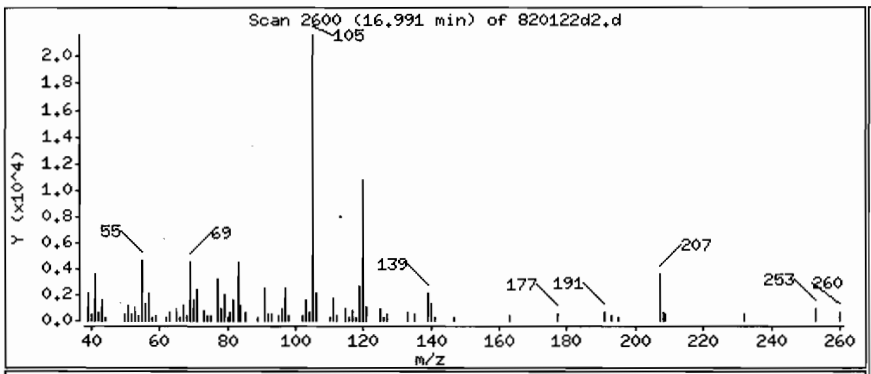
Client ID: CE-VAPOR-3 Instrument: F.i

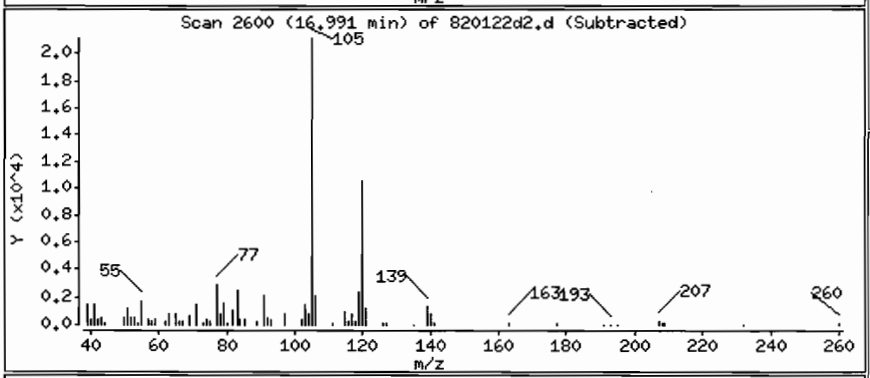
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

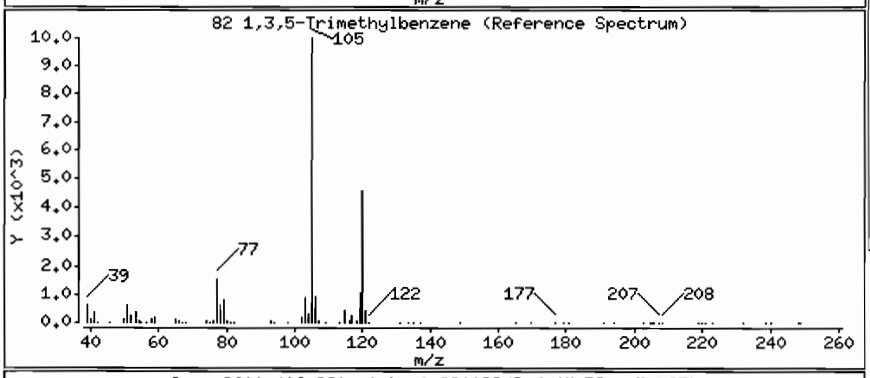
Purge Volume: 60.0 Operator: njr

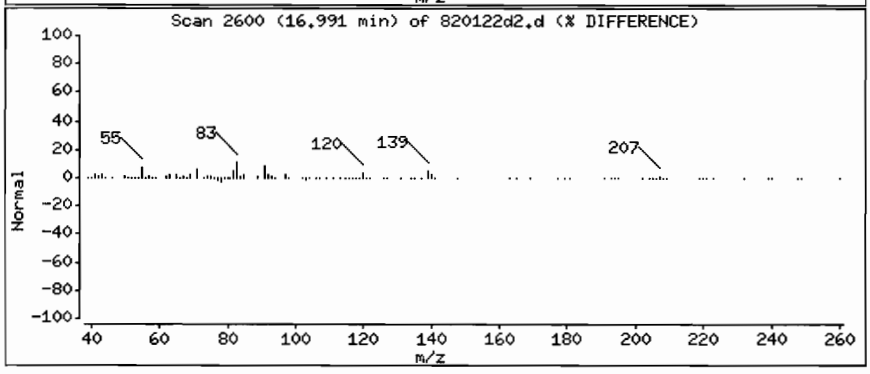
Column phase: RTX-624 Column diameter: 0.32

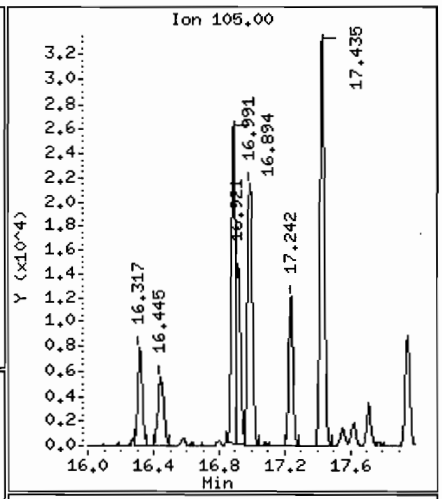
82 1,3,5-Trimethylbenzene Concentration: 1.3 ppbv

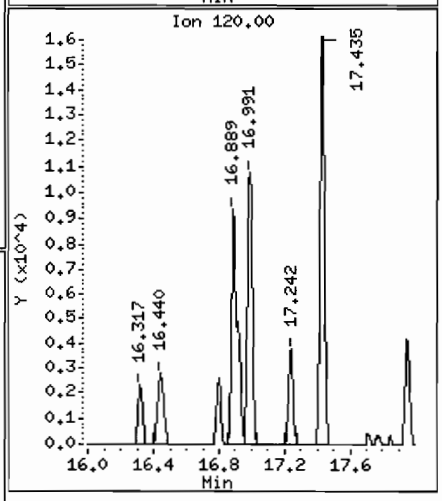












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

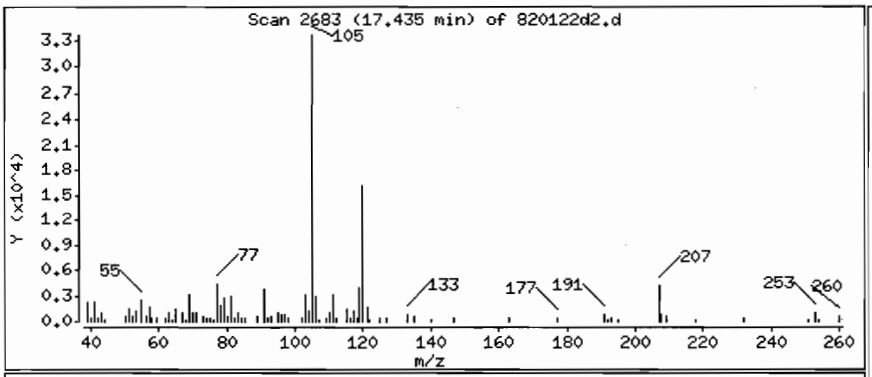
Client ID: CE-VAPOR-3 Instrument: F.i

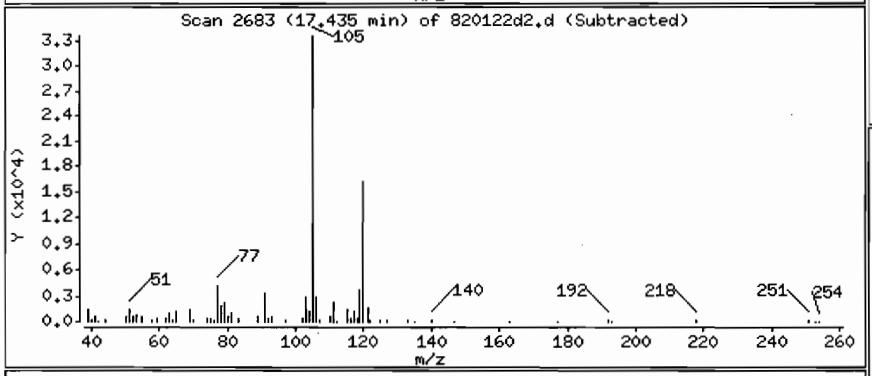
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

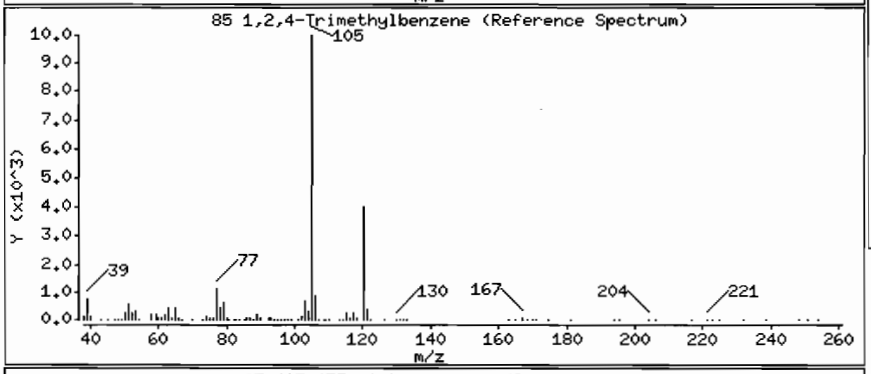
Purge Volume: 60.0 Operator: njr

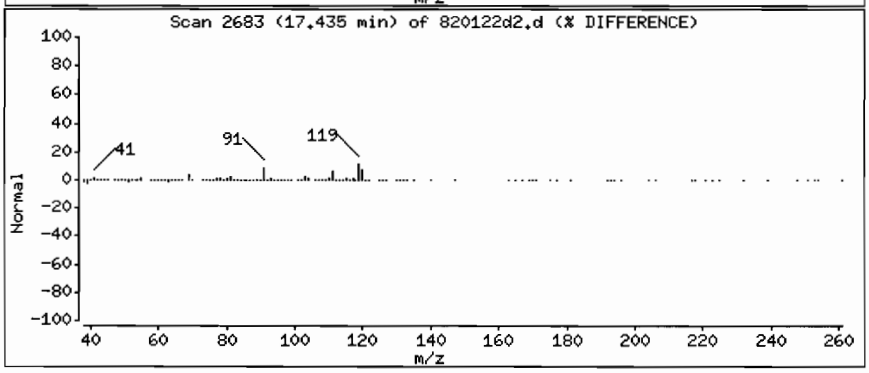
Column phase: RTX-624 Column diameter: 0.32

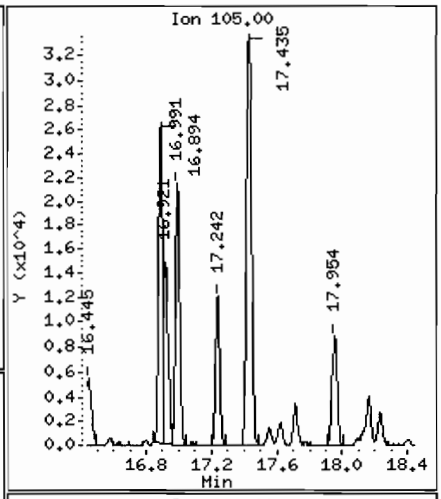
85 1,2,4-Trimethylbenzene Concentration: 2.1 ppbv

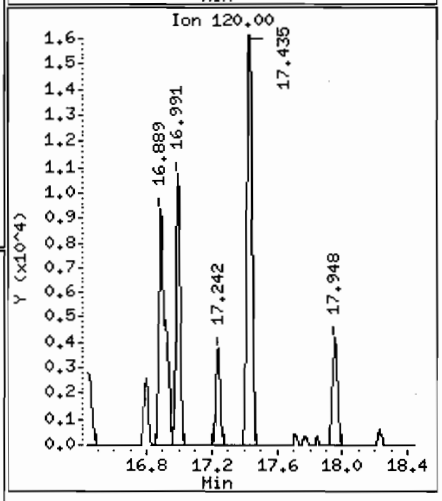












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

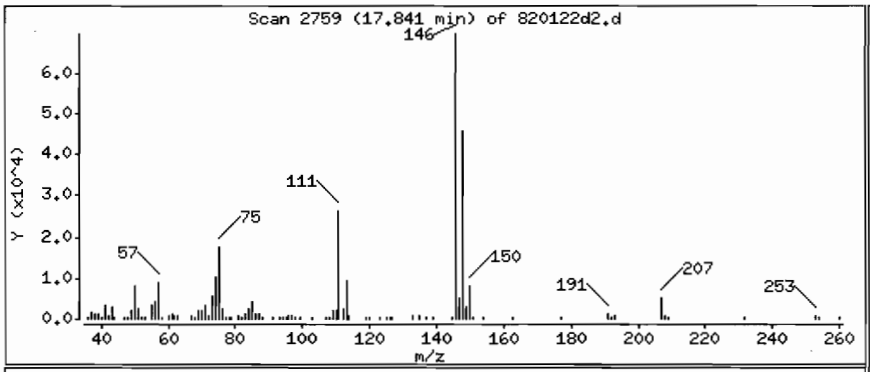
Client ID: CE-VAPOR-3 Instrument: F.i

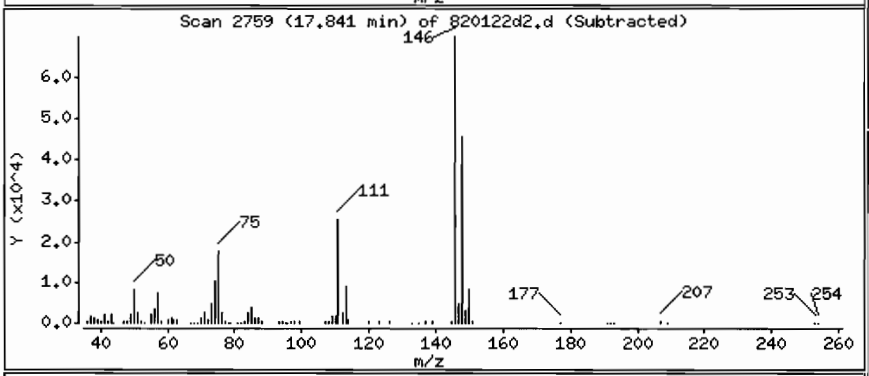
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

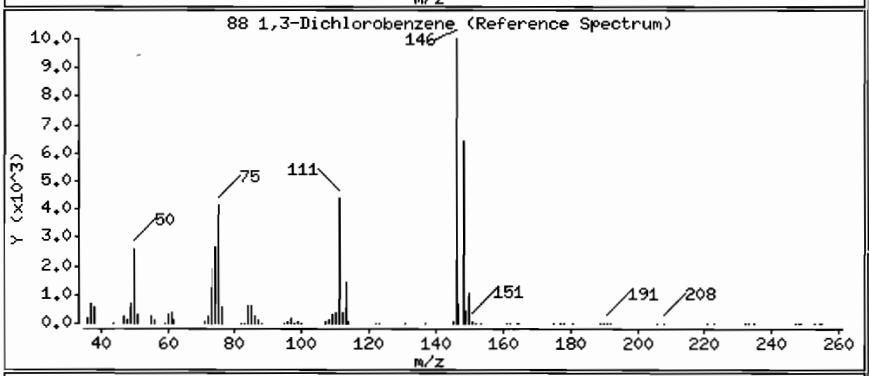
Purge Volume: 60.0 Operator: njr

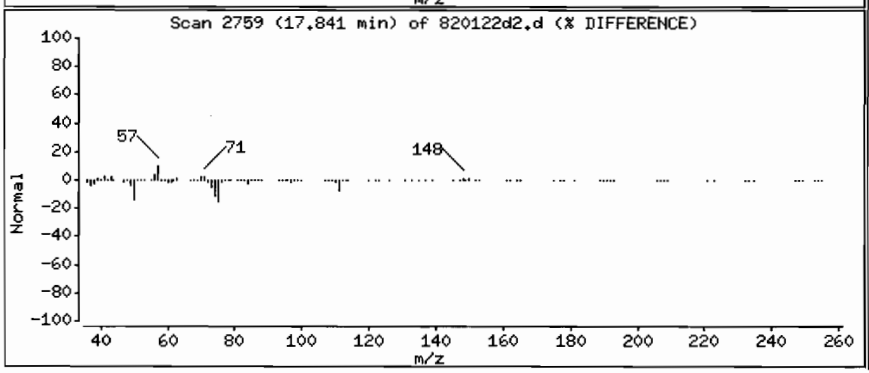
Column phase: RTX-624 Column diameter: 0.32

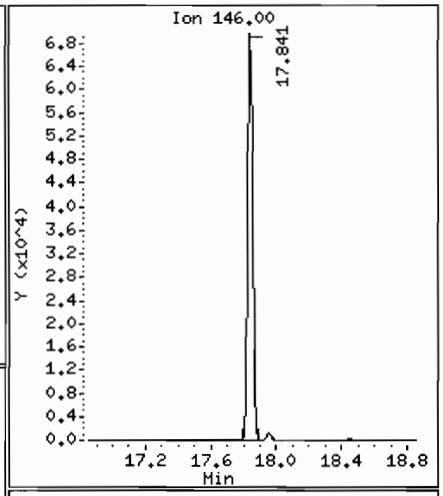
88 1,3-Dichlorobenzene Concentration: 5.7 ppbv

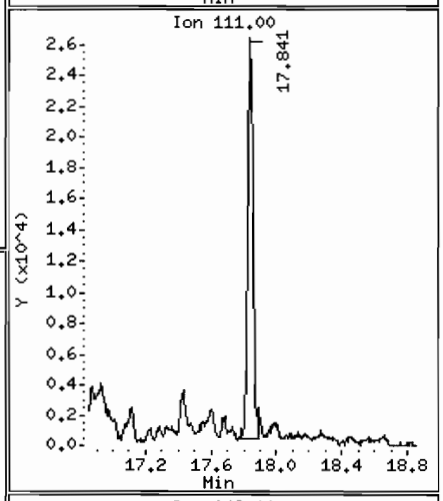


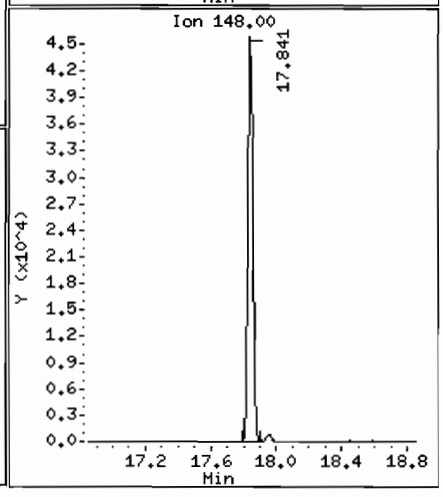












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820123

Sample wt/vol: 59.00 (g/mL) ML Lab File ID: 820123D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	280	
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.5	
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.1	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820123

Sample wt/vol: 59.00 (g/mL) ML Lab File ID: 820123D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

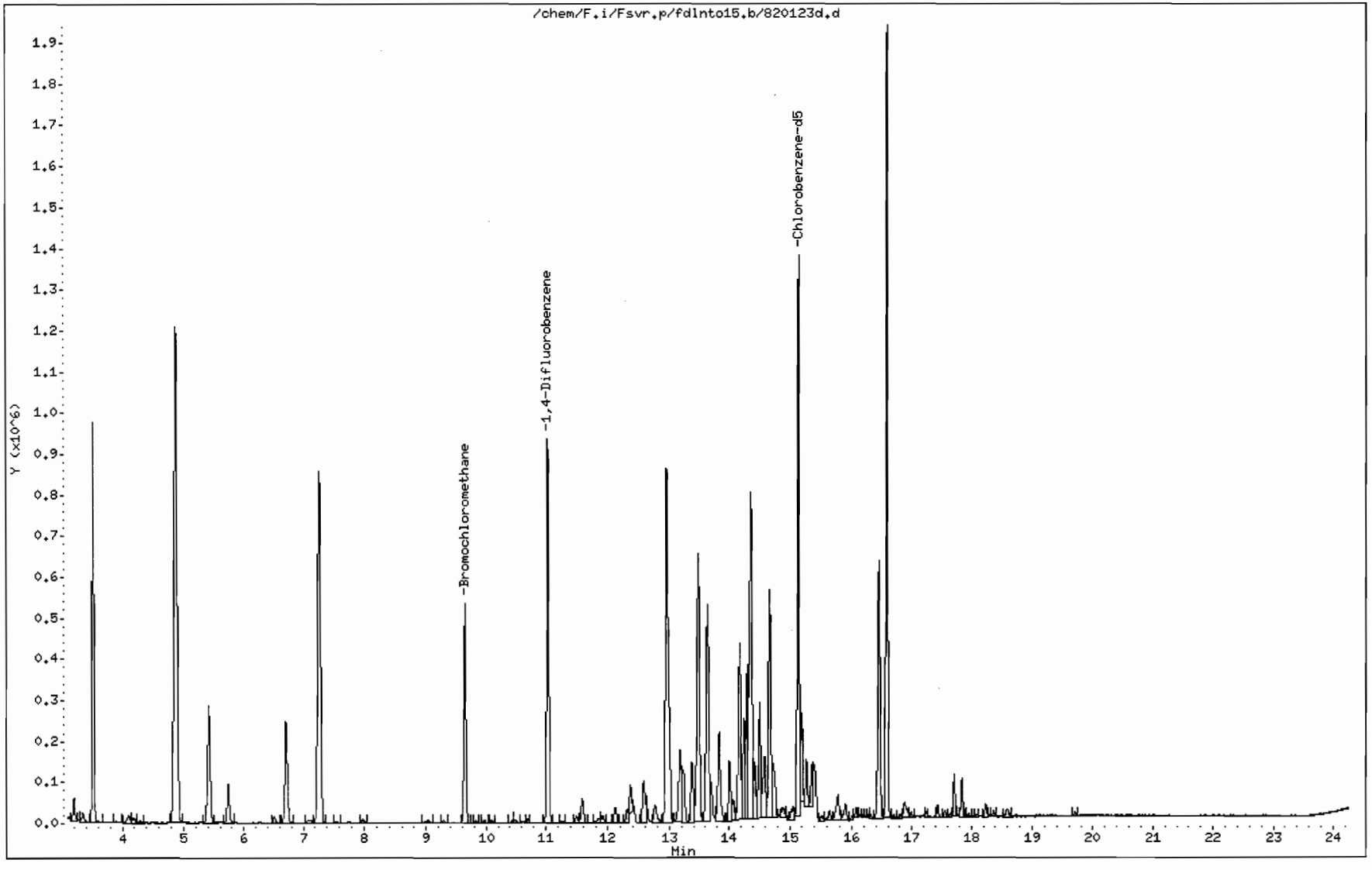
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	6.8	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	5.5	
95-47-6	Xylene (o)	2.6	
1330-20-7	Xylenes, Total	8.2	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	5.6	
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d
Date : 17-FEB-2010 00:12
Client ID: CE-VAPOR-4
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)
Purge Volume: 59.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d
Lab Smp Id: 820123 Client Smp ID: CE-VAPOR-4
Inj Date : 17-FEB-2010 00:12
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)
Misc Info : 820123;021610FA;9.97;59;cdf 2.94
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 13
Dil Factor: 9.97000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	9.97000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	59.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.703	6.719	(0.695)	472021	28.2022	280
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	7.265	7.281	(0.754)	8875	0.55370	5.5
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	210779	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.694	10.705	(0.969)	5328	0.20899	2.1
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1026975	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.176	13.187	(0.871)	31272	0.67772	6.8
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1002898	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	23050	0.55265	5.5
	71 Xylene (o)	106	15.910	15.915	(1.051)	10494	0.25793	2.6
M	70 Xylenes, Total	106				33544	0.82447	8.2
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	45615	0.55669	5.6
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

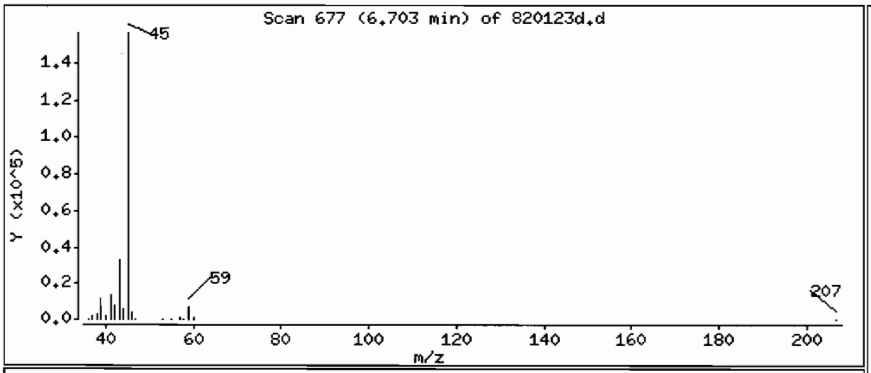
Client ID: CE-VAPOR-4 Instrument: F.i

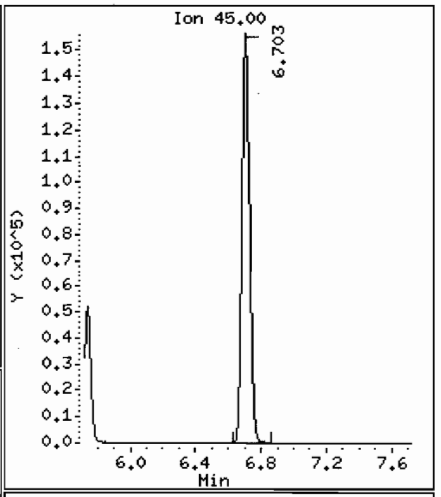
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

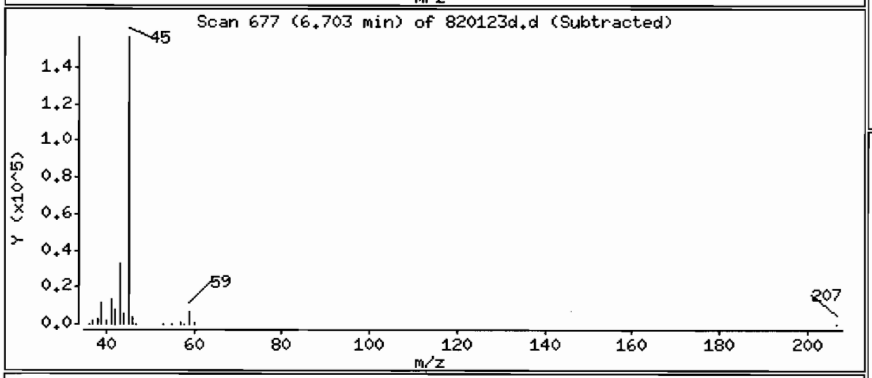
Purge Volume: 59.0 Operator: wrd

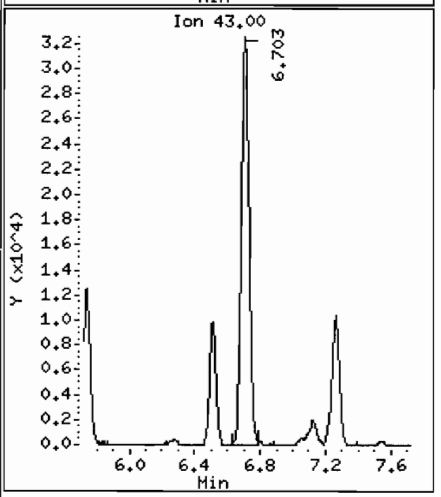
Column phase: RTX-624 Column diameter: 0.32

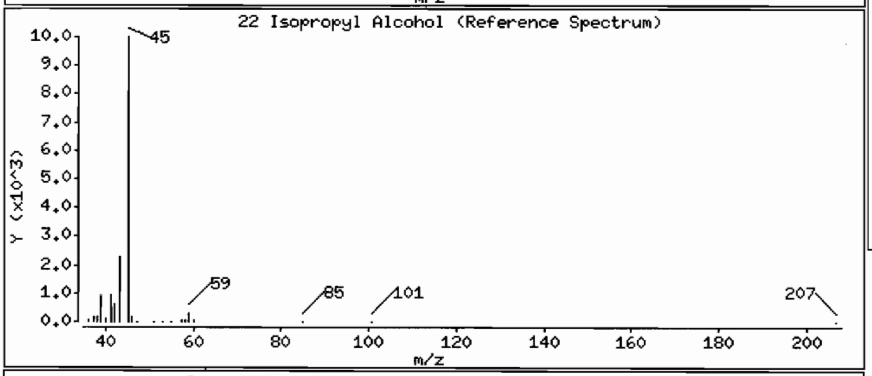
22 Isopropyl Alcohol Concentration: 280 ppbv

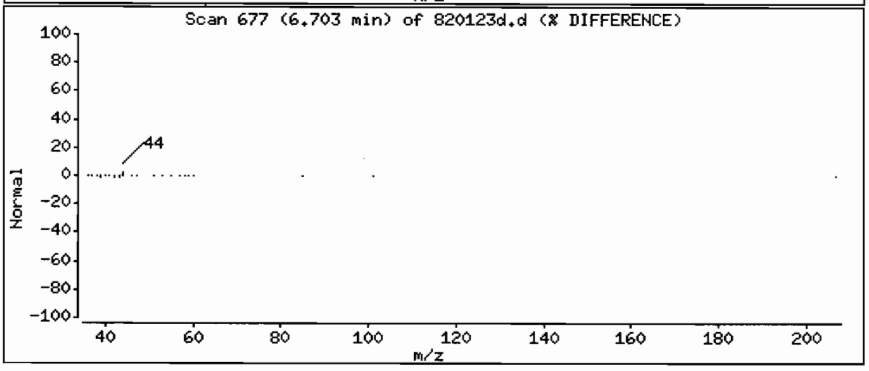












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

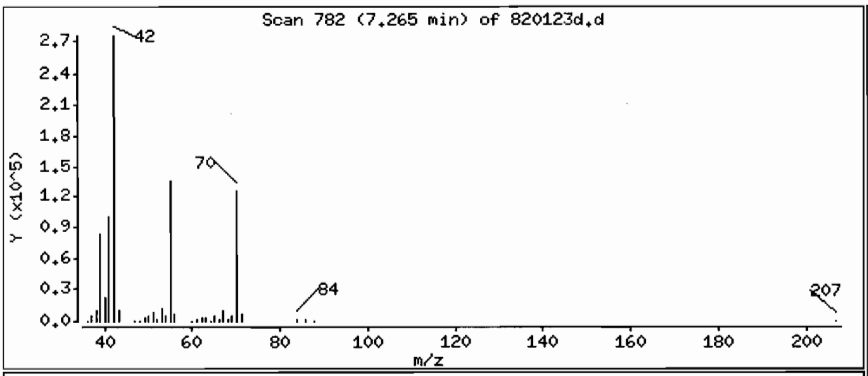
Client ID: CE-VAPOR-4 Instrument: F.i

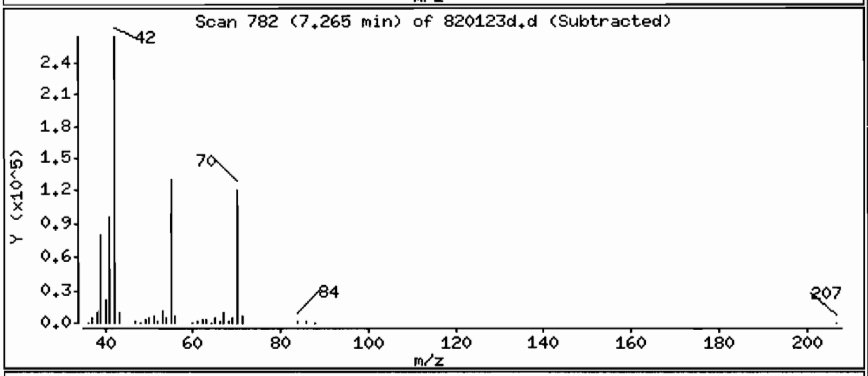
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

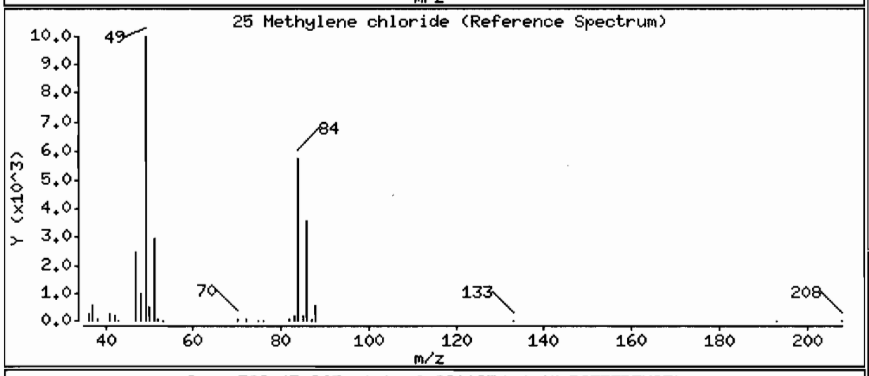
Purge Volume: 59.0 Operator: wrd

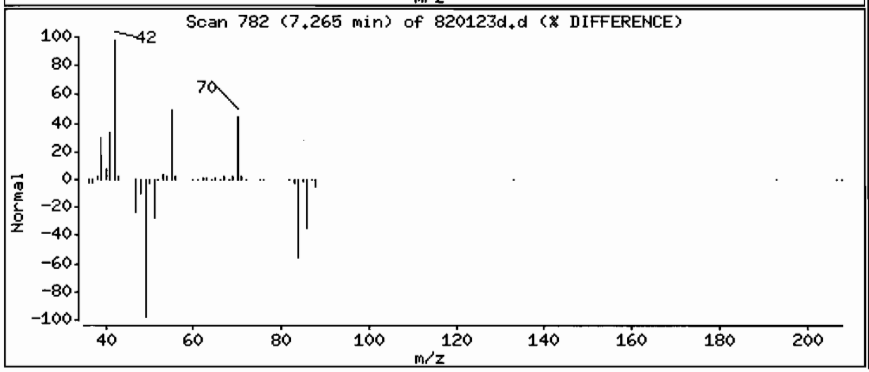
Column phase: RTX-624 Column diameter: 0.32

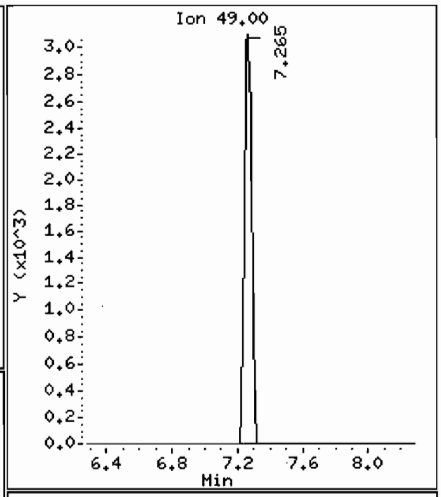
25 Methylene chloride Concentration: 5.5 ppbv

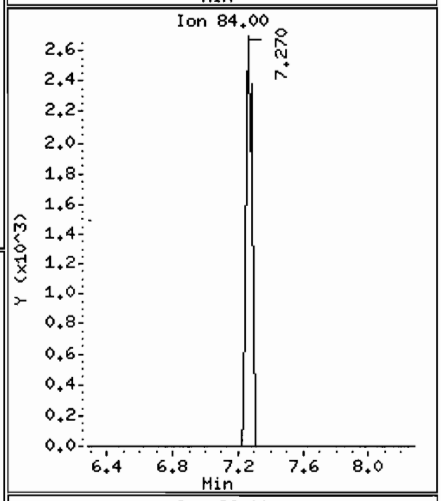


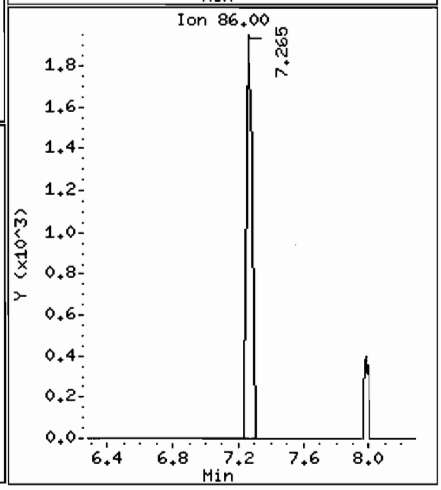












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

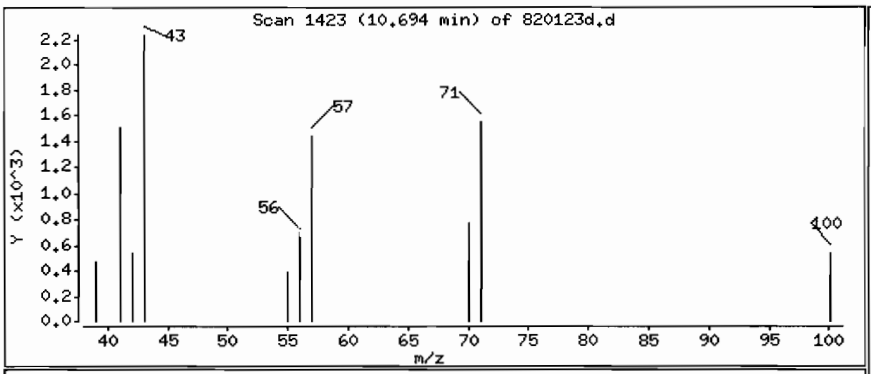
Client ID: CE-VAPOR-4 Instrument: F.i

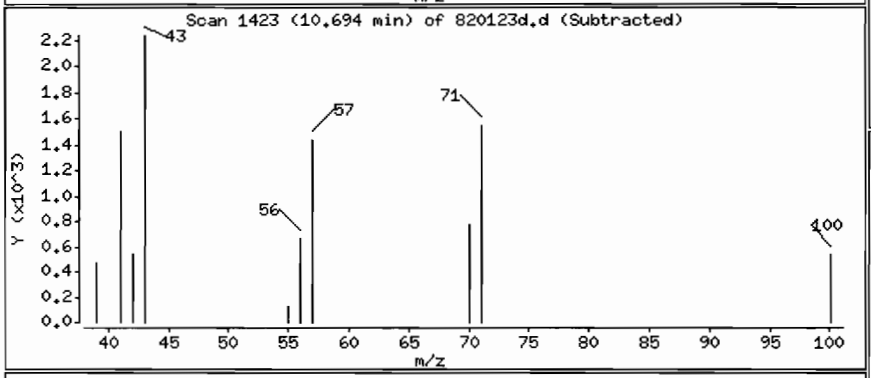
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

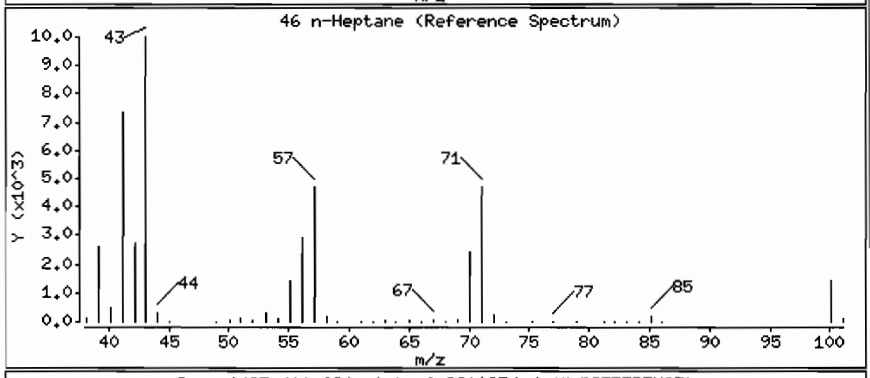
Purge Volume: 59.0 Operator: wrd

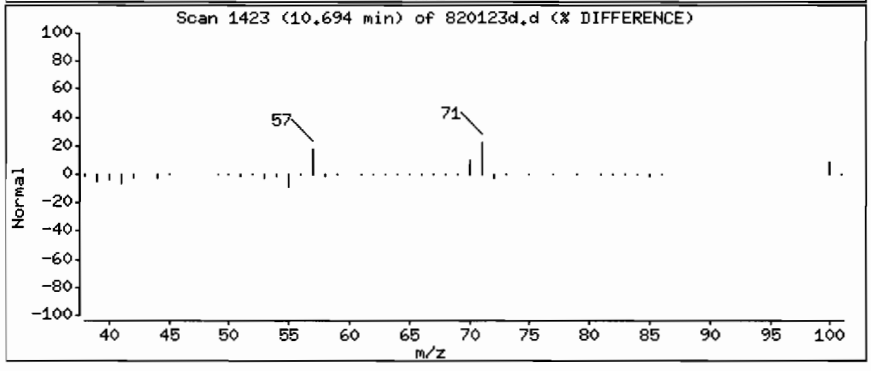
Column phase: RTX-624 Column diameter: 0.32

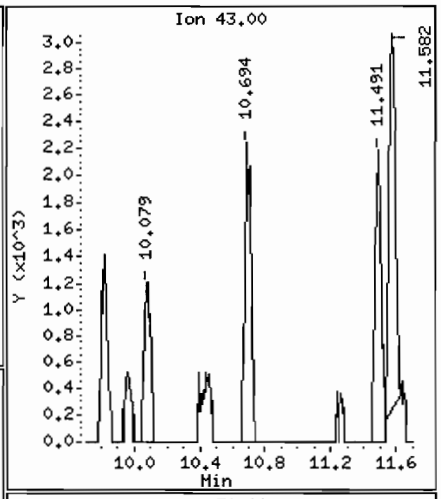
46 n-Heptane Concentration: 2.1 ppbv

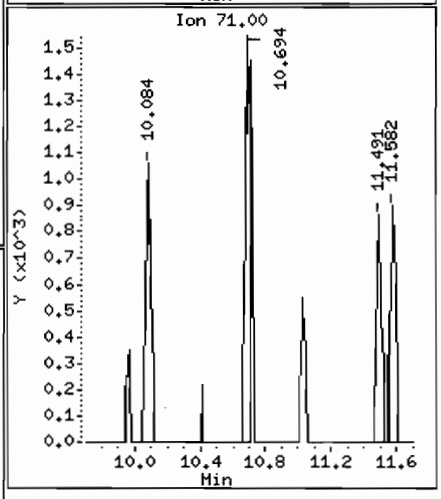












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

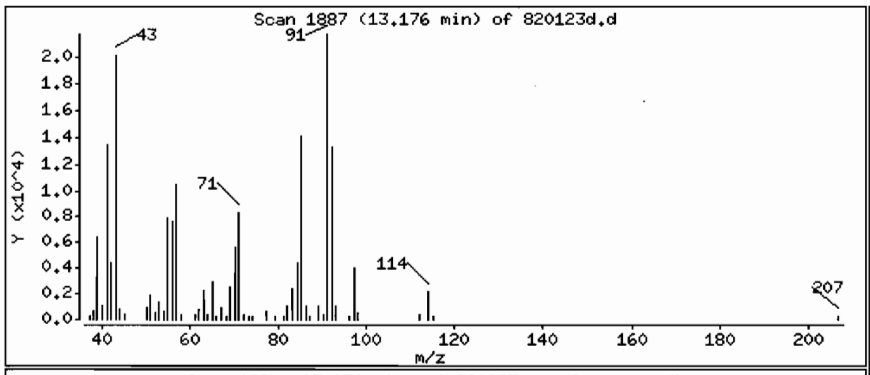
Client ID: CE-VAPOR-4 Instrument: F.i

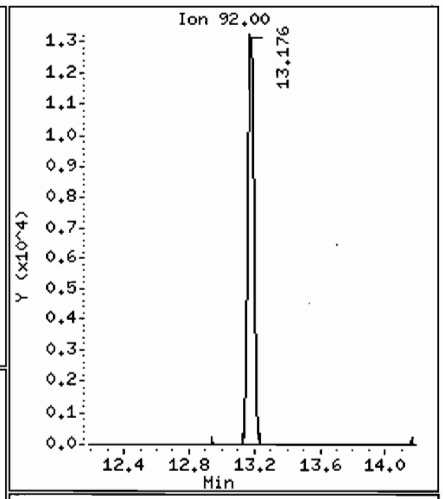
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

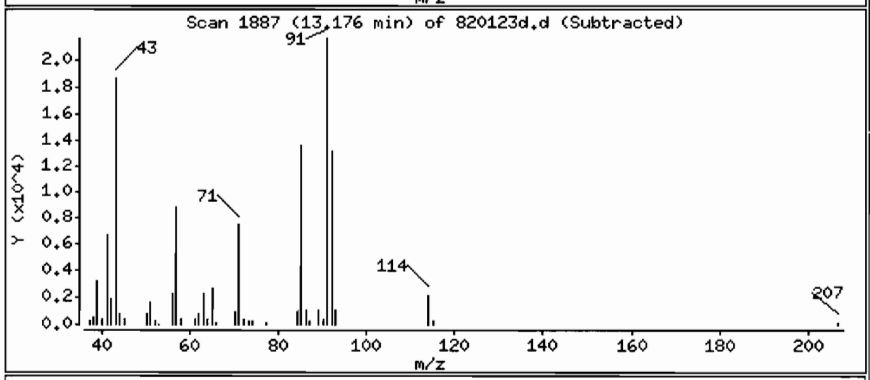
Purge Volume: 59.0 Operator: wrd

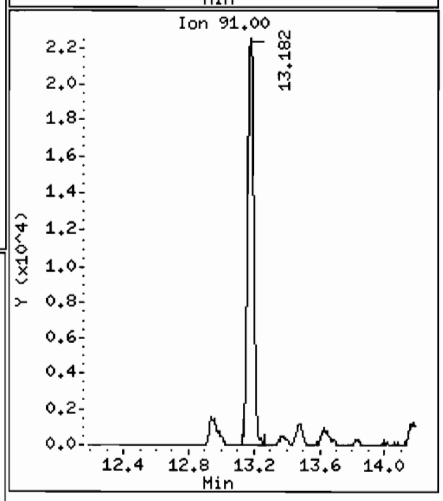
Column phase: RTX-624 Column diameter: 0.32

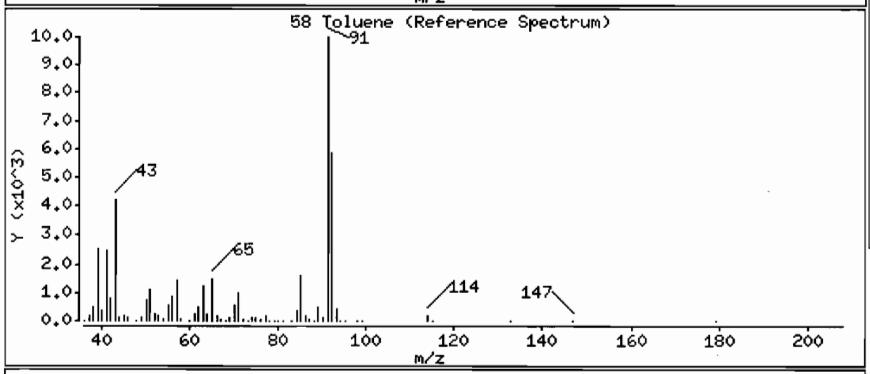
58 Toluene Concentration: 6.8 ppbv

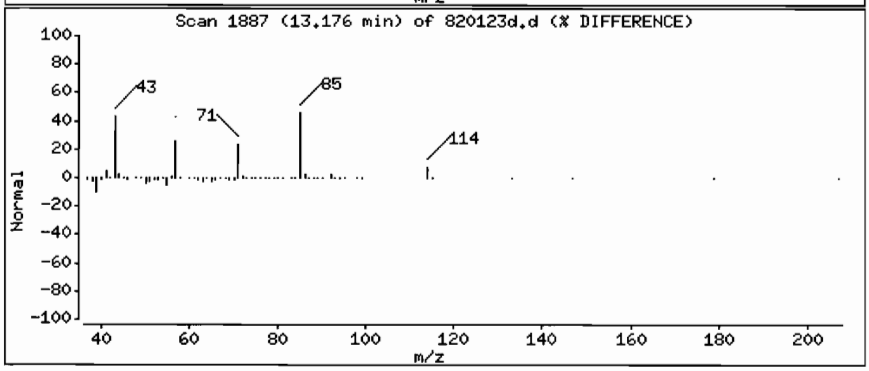












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

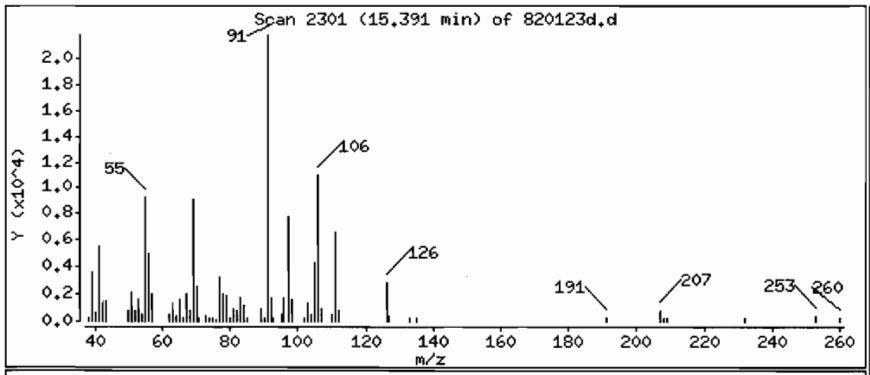
Client ID: CE-VAPOR-4 Instrument: F.i

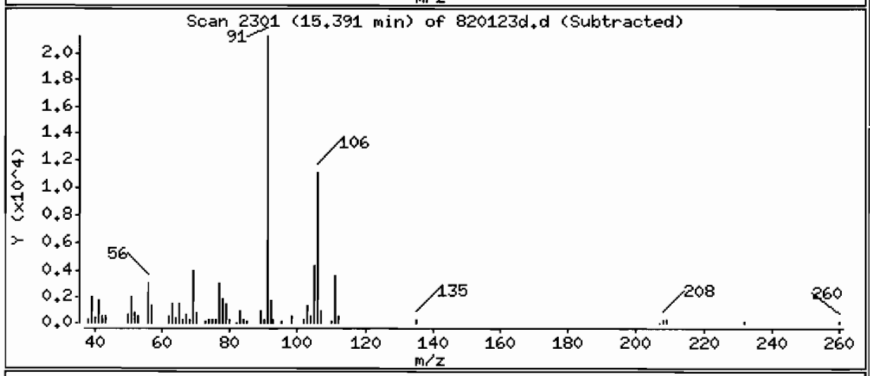
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

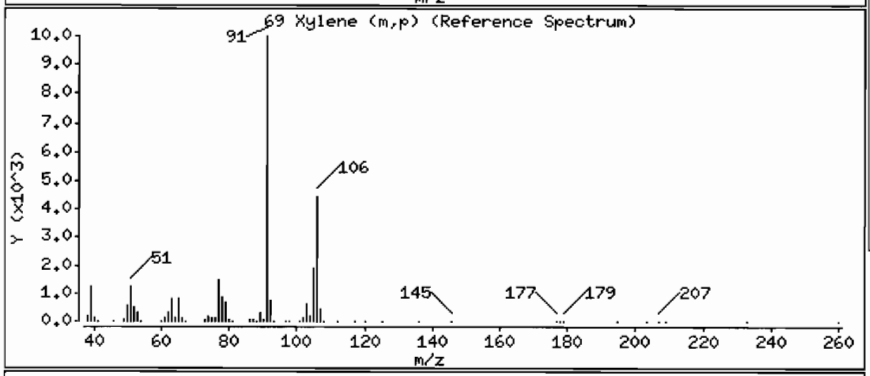
Purge Volume: 59.0 Operator: wrd

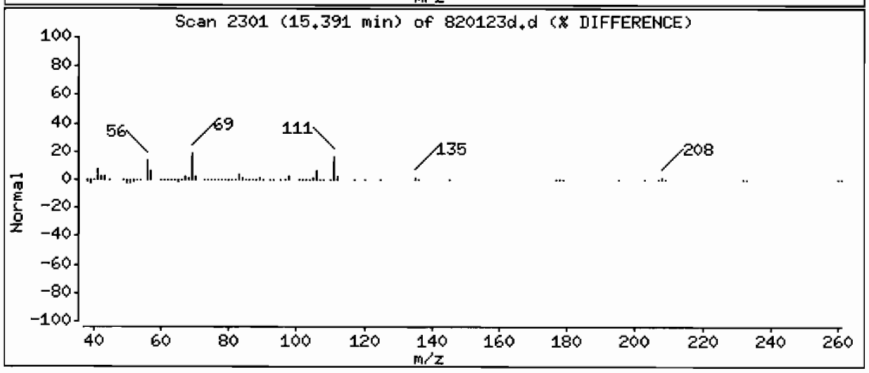
Column phase: RTX-624 Column diameter: 0.32

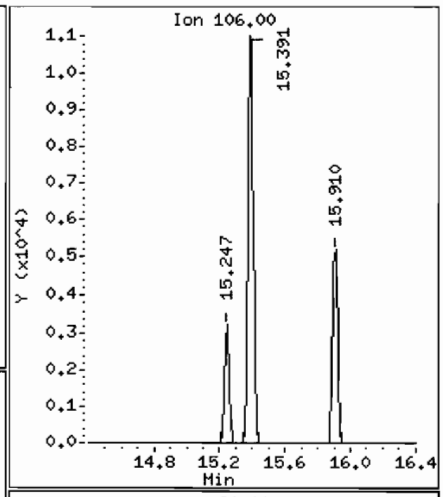
69 Xylene (m,p) Concentration: 5.5 ppbv

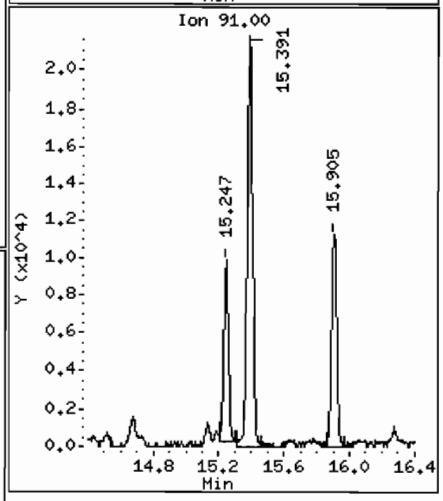












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

Client ID: CE-VAPOR-4

Instrument: F.i

Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

Purge Volume: 59.0

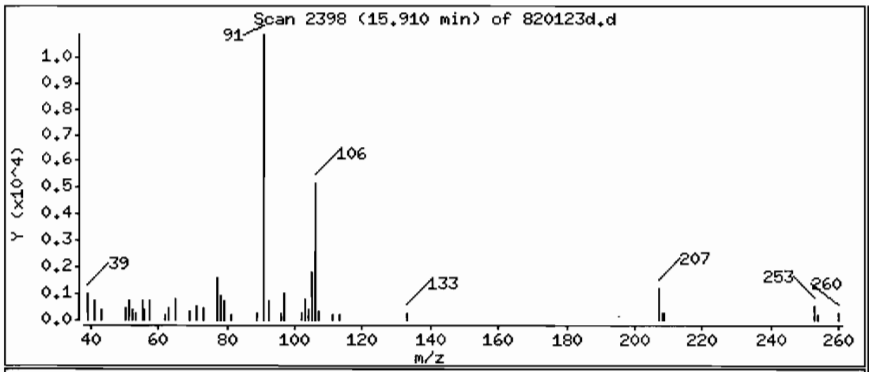
Operator: wrd

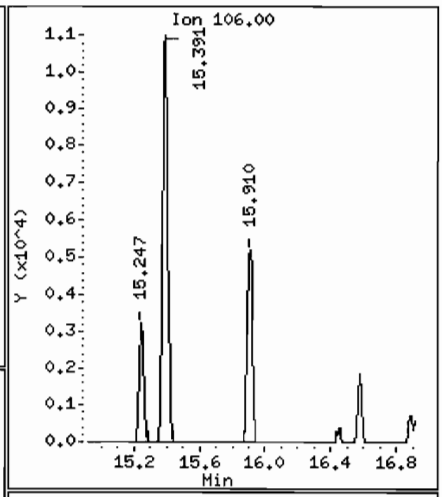
Column phase: RTX-624

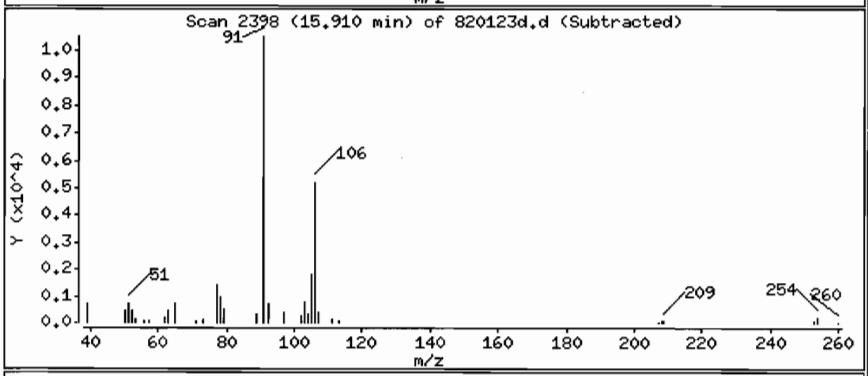
Column diameter: 0.32

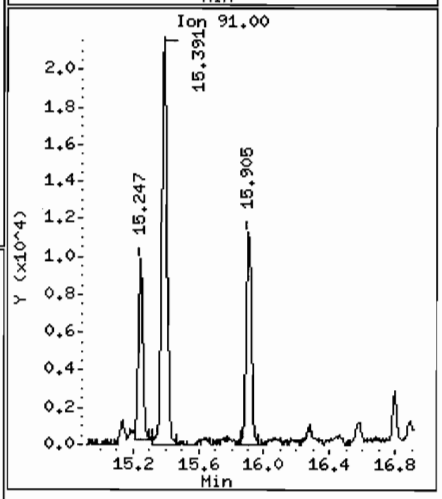
71 Xylene (o)

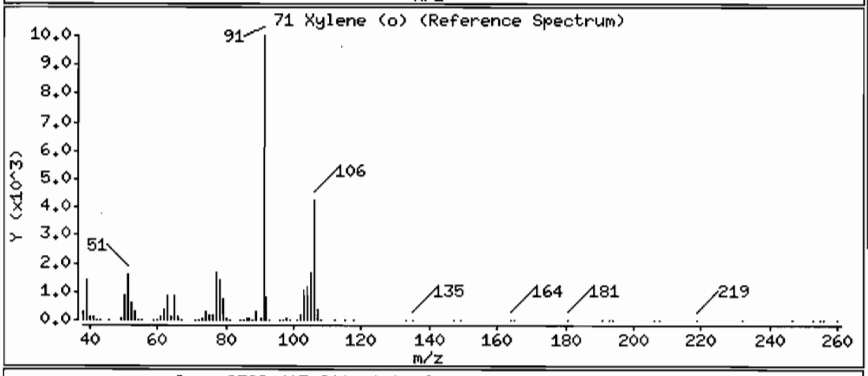
Concentration: 2.6 ppbv

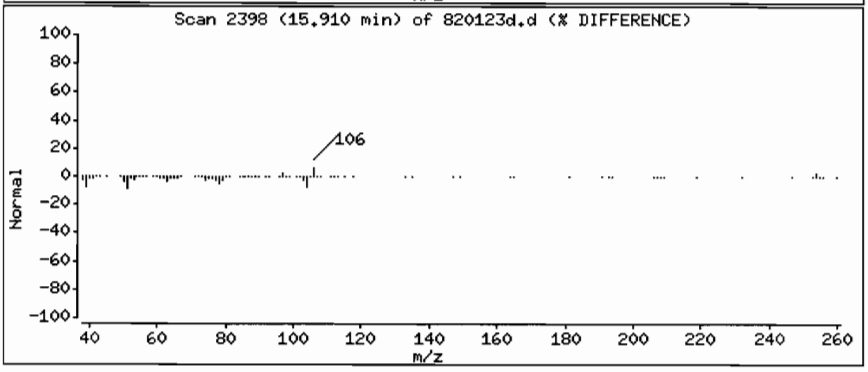












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

Client ID: CE-VAPOR-4

Instrument: F.i

Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

Purge Volume: 59.0

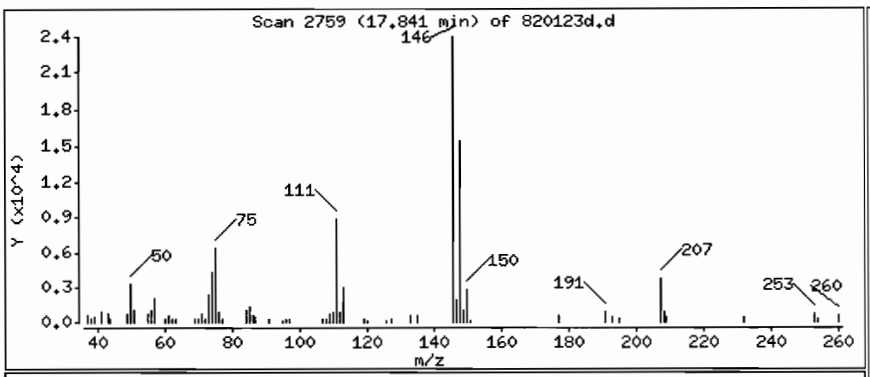
Operator: wrd

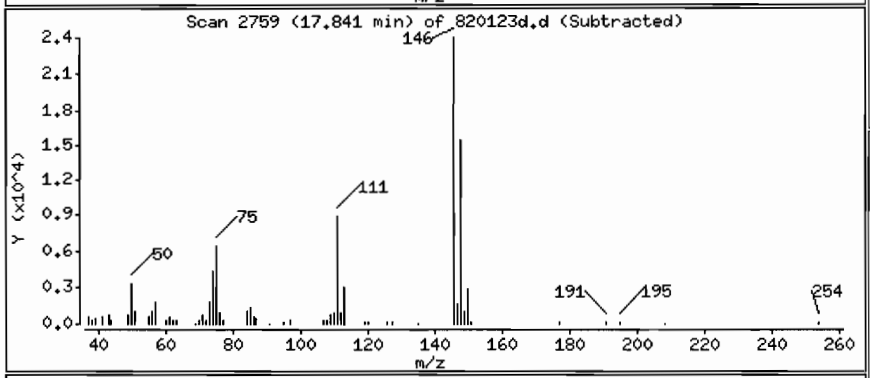
Column phase: RTX-624

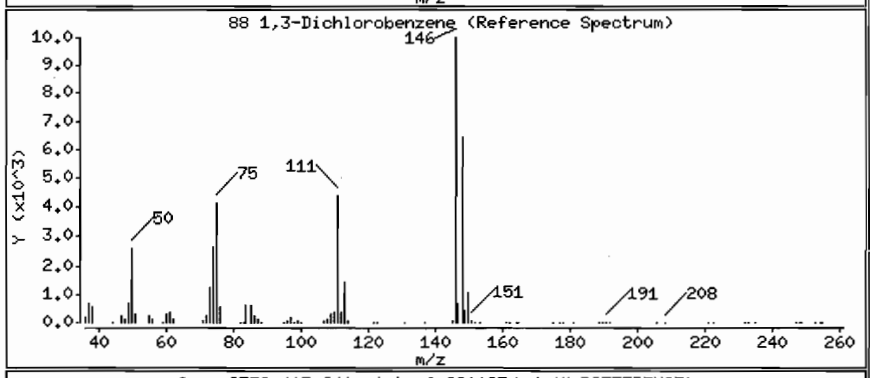
Column diameter: 0.32

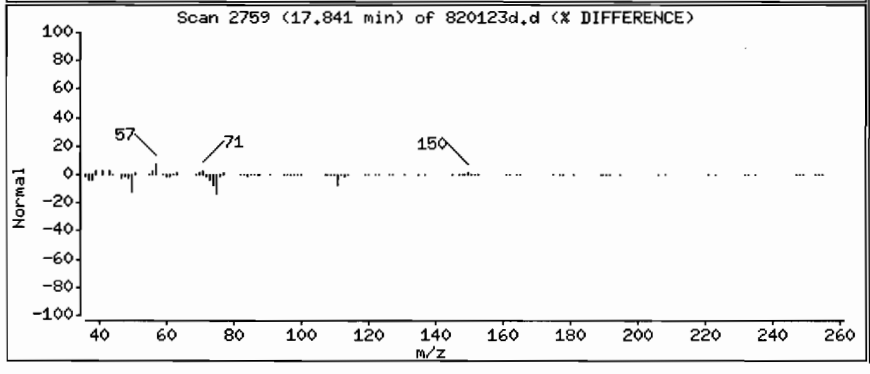
88 1,3-Dichlorobenzene

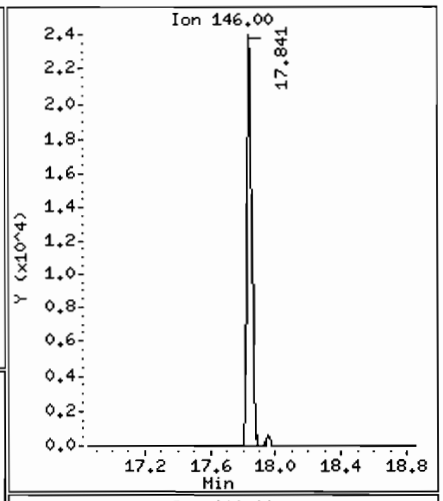
Concentration: 5.6 ppbv

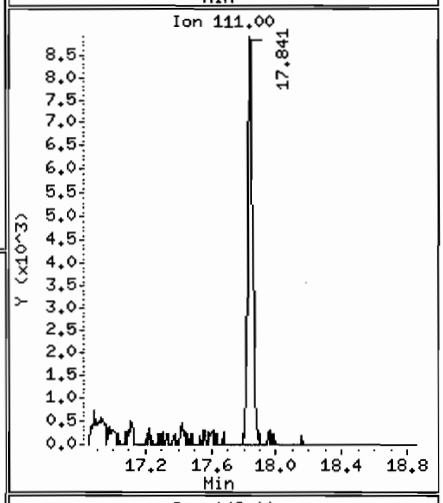


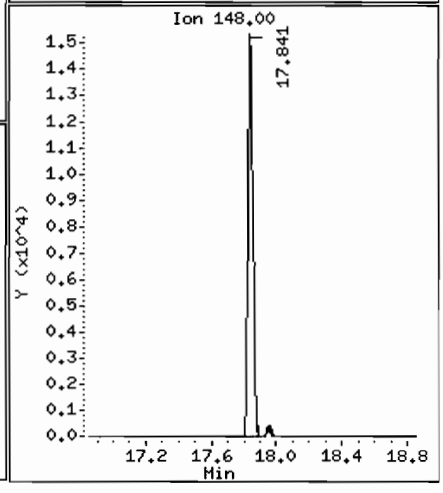












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820125

Sample wt/vol: 88.00 (g/mL) ML Lab File ID: 820125D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.1	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.45	U
74-87-3	Chloromethane	1.1	U
75-01-4	Vinyl Chloride	0.45	U
106-99-0	1,3-Butadiene	1.1	U
74-83-9	Bromomethane	0.45	U
75-00-3	Chloroethane	1.1	U
593-60-2	Bromoethene	0.45	U
75-69-4	Trichlorofluoromethane	0.45	U
76-13-1	Freon TF	0.45	U
75-35-4	1,1-Dichloroethene	0.45	U
67-64-1	Acetone	30	
67-63-0	Isopropyl Alcohol	62	
75-15-0	Carbon disulfide	1.2	
107-05-1	3-Chloropropene	1.1	U
75-09-2	Methylene chloride	1.1	U
75-65-0	tert-Butyl Alcohol	11	U
1634-04-4	Methyl tert-Butyl Ether	1.1	U
156-60-5	trans-1,2-Dichloroethene	0.45	U
110-54-3	n-Hexane	3.0	
75-34-3	1,1-Dichloroethane	0.45	U
78-93-3	Methyl Ethyl Ketone	2.9	
156-59-2	cis-1,2-Dichloroethene	0.45	U
540-59-0	1,2-Dichloroethene,Total	0.45	U
67-66-3	Chloroform	0.49	
109-99-9	Tetrahydrofuran	11	U
71-55-6	1,1,1-Trichloroethane	0.45	U
110-82-7	Cyclohexane	0.45	U
56-23-5	Carbon tetrachloride	0.45	U
540-84-1	2,2,4-Trimethylpentane	0.45	U
71-43-2	Benzene	0.97	
107-06-2	1,2-Dichloroethane	0.45	U
142-82-5	n-Heptane	0.56	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820125

Sample wt/vol: 88.00 (g/mL) ML Lab File ID: 820125D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.3

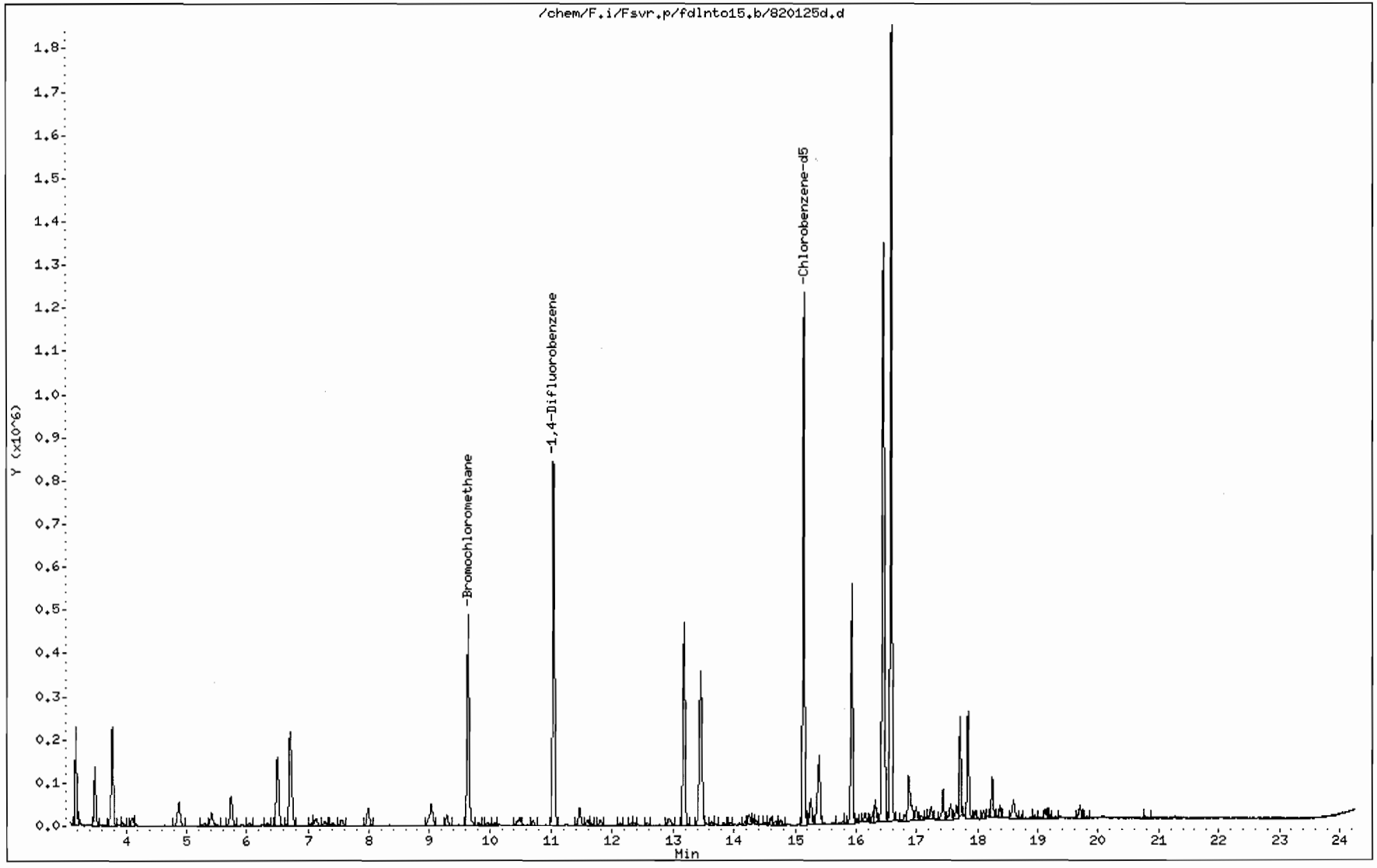
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.45	U
78-87-5	1,2-Dichloropropane	0.45	U
123-91-1	1,4-Dioxane	11	U
75-27-4	Bromodichloromethane	0.45	U
10061-01-5	cis-1,3-Dichloropropene	0.45	U
108-10-1	Methyl Isobutyl Ketone	1.1	U
108-88-3	Toluene	15	
10061-02-6	trans-1,3-Dichloropropene	0.45	U
79-00-5	1,1,2-Trichloroethane	0.45	U
127-18-4	Tetrachloroethene	0.45	U
591-78-6	Methyl Butyl Ketone	1.1	U
124-48-1	Dibromochloromethane	0.45	U
106-93-4	1,2-Dibromoethane	0.45	U
108-90-7	Chlorobenzene	0.45	U
100-41-4	Ethylbenzene	1.0	
1330-20-7	Xylene (m,p)	3.4	
95-47-6	Xylene (o)	1.2	
1330-20-7	Xylenes, Total	4.6	
100-42-5	Styrene	14	
75-25-2	Bromoform	0.45	U
79-34-5	1,1,2,2-Tetrachloroethane	0.45	U
622-96-8	4-Ethyltoluene	0.45	U
108-67-8	1,3,5-Trimethylbenzene	0.45	U
95-49-8	2-Chlorotoluene	0.45	U
95-63-6	1,2,4-Trimethylbenzene	1.1	
541-73-1	1,3-Dichlorobenzene	3.7	
106-46-7	1,4-Dichlorobenzene	0.45	U
95-50-1	1,2-Dichlorobenzene	0.45	U
120-82-1	1,2,4-Trichlorobenzene	1.1	U
87-68-3	Hexachlorobutadiene	0.45	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d
Date : 17-FEB-2010 08:23
Client ID: CE-VAPOR-5
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)
Purge Volume: 88.0
Column phase: RTX-624

Instrument: F.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d
Lab Smp Id: 820125 Client Smp ID: CE-VAPOR-5
Inj Date : 17-FEB-2010 08:23
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)
Misc Info : 820125;021610FA;2.27;88
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 15
Dil Factor: 2.27000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	2.27000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	88.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.505	6.516	(0.674)	285995	13.0322	30
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	418450	27.1893	62
21 Carbon disulfide	76	6.751	6.757	(0.700)	22963	0.51982	1.2
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	7.976	7.993	(0.827)	29751	1.32143	3.0
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.287	9.293	(0.963)	10211	1.26842	2.9(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.646	9.656	(1.000)	193818	10.0000	
	39 Chloroform	83	9.715	9.726	(1.007)	8638	0.21577	0.49
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.491	10.502	(0.951)	21862	0.42921	0.97
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.969)	5768	0.24852	0.56
*	47 1,4-Difluorobenzene	114	11.037	11.042	(1.000)	934923	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	268255	6.51970	15
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	894276	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	41045	0.45054	1.0
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	55163	1.48324	3.4
	71 Xylene (o)	106	15.905	15.915	(1.051)	19043	0.52491	1.2
M	70 Xylenes, Total	106				74206	2.04543	4.6
	72 Styrene	104	15.931	15.937	(1.053)	322692	6.02026	14
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	45553	0.46822	1.1
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	119773	1.63928	3.7
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

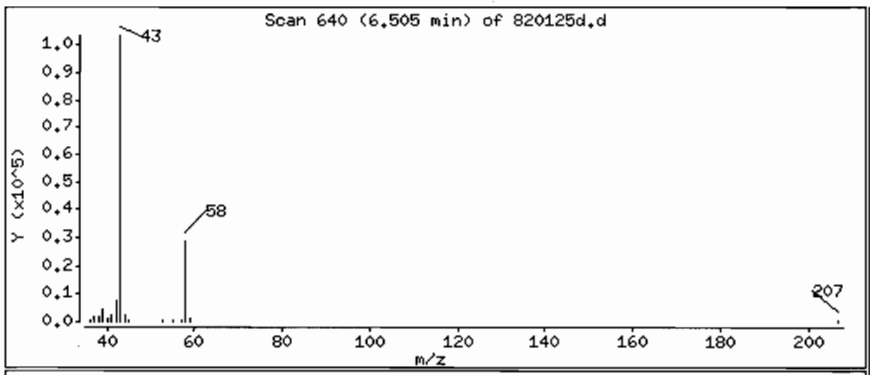
Client ID: CE-VAPOR-5 Instrument: F.i

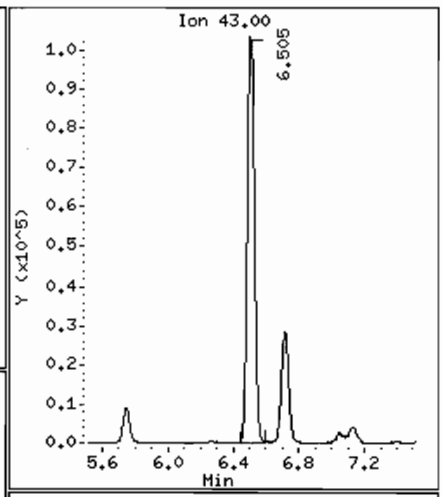
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

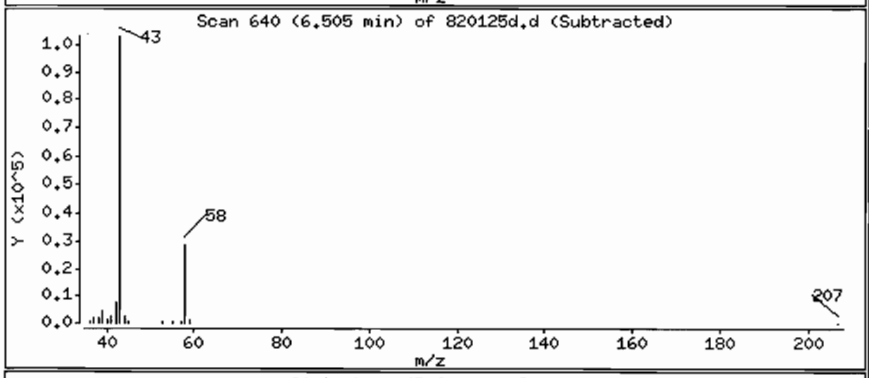
Purge Volume: 88.0 Operator: njr

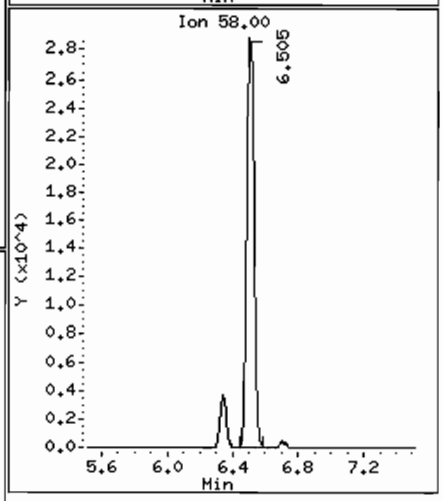
Column phase: RTX-624 Column diameter: 0.32

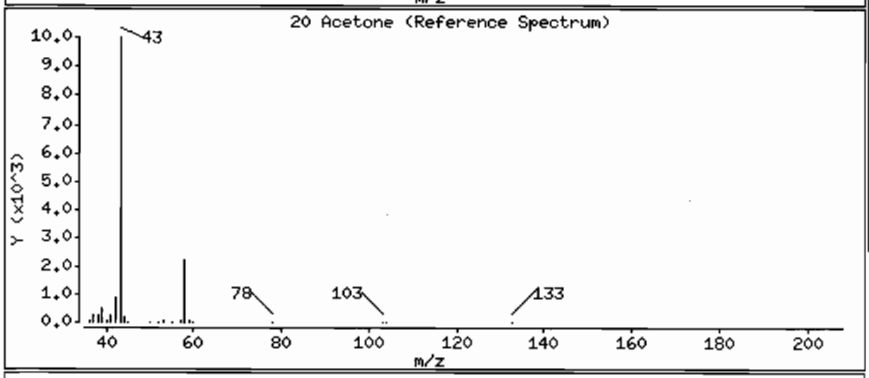
20 Acetone Concentration: 30 ppbv

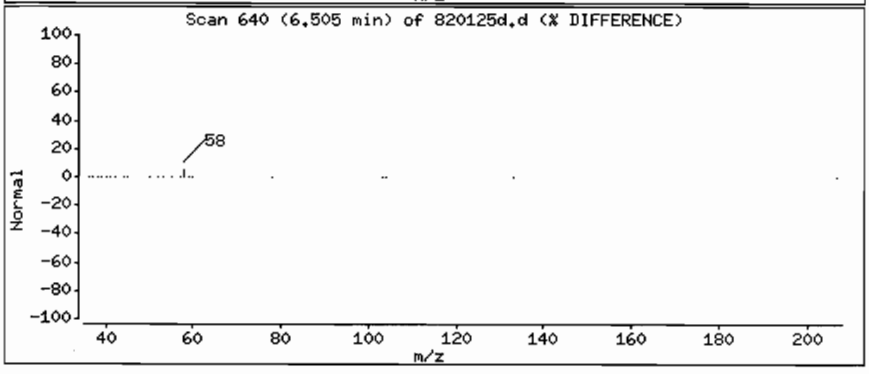












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

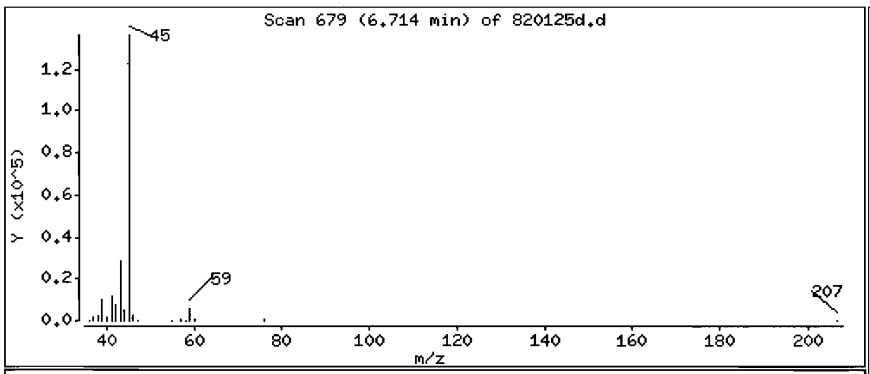
Client ID: CE-VAPOR-5 Instrument: F.i

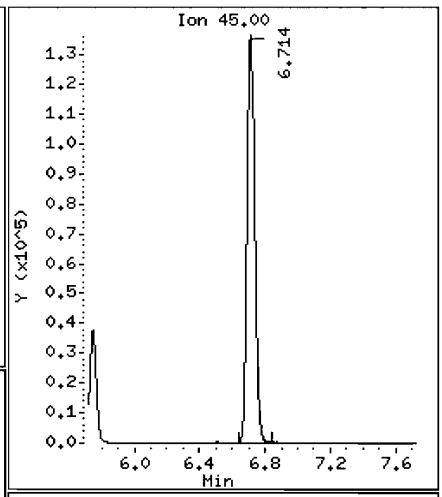
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

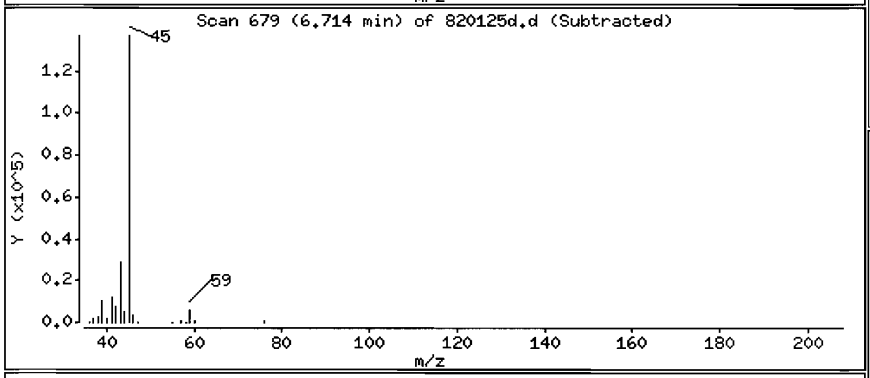
Purge Volume: 88.0 Operator: njr

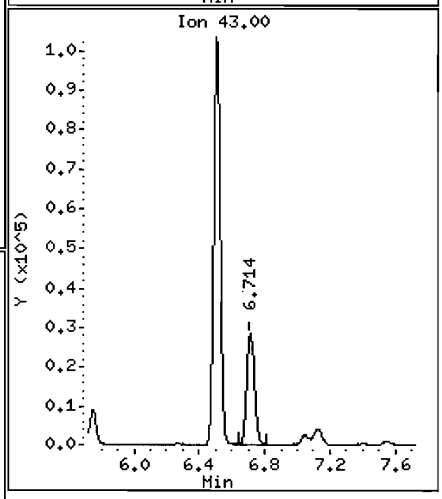
Column phase: RTX-624 Column diameter: 0.32

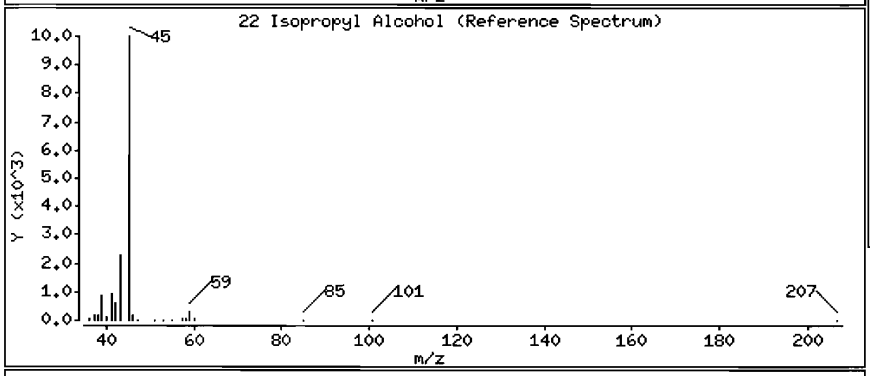
22 Isopropyl Alcohol Concentration: 62 ppbv

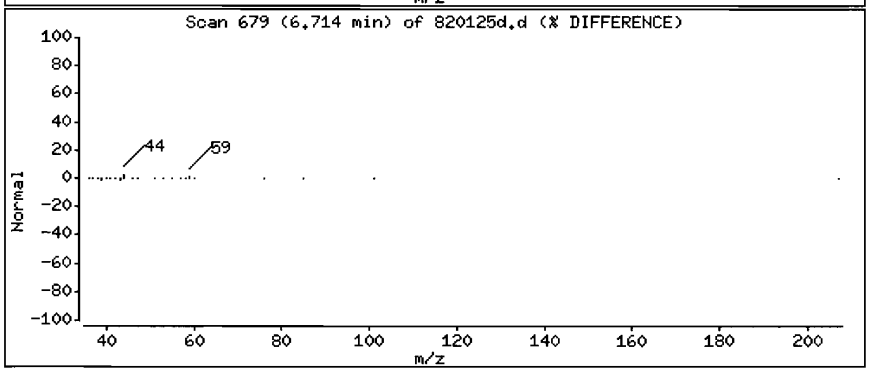












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

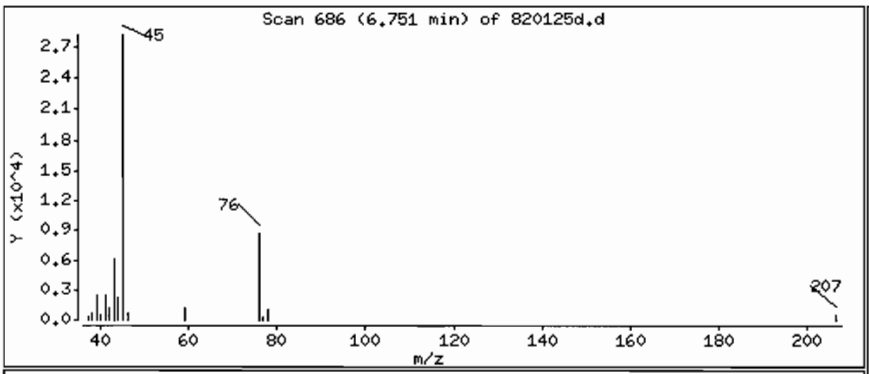
Client ID: CE-VAPOR-5 Instrument: F.i

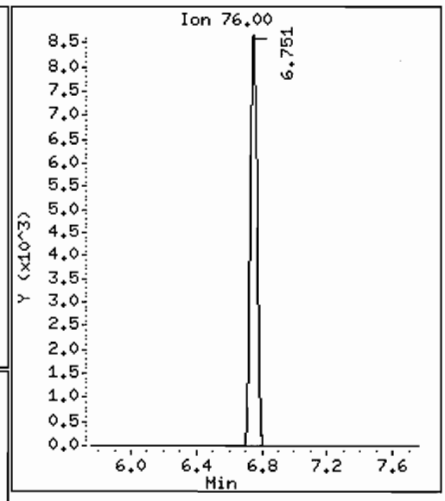
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

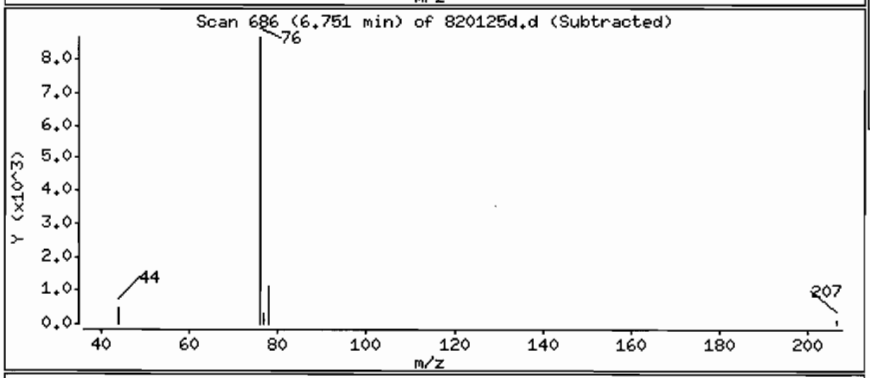
Purge Volume: 88.0 Operator: njr

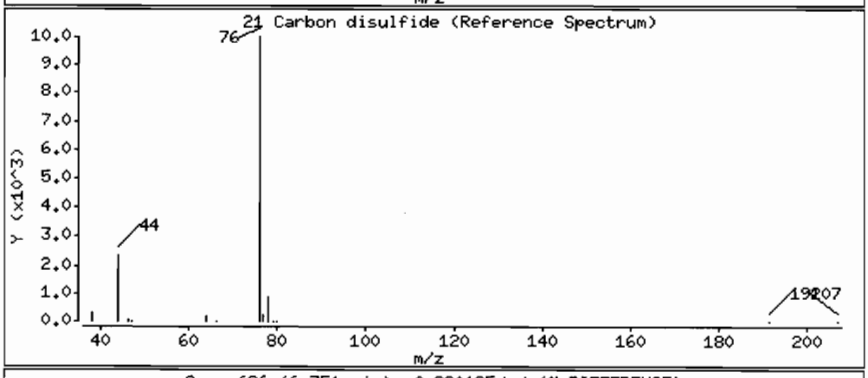
Column phase: RTX-624 Column diameter: 0.32

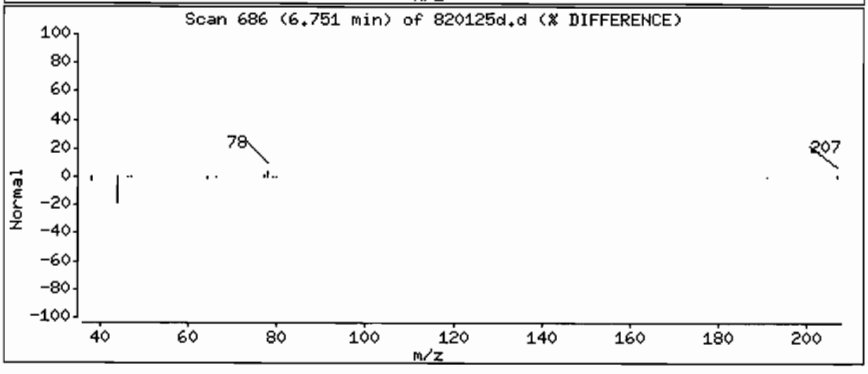
21 Carbon disulfide Concentration: 1.2 ppbv











Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

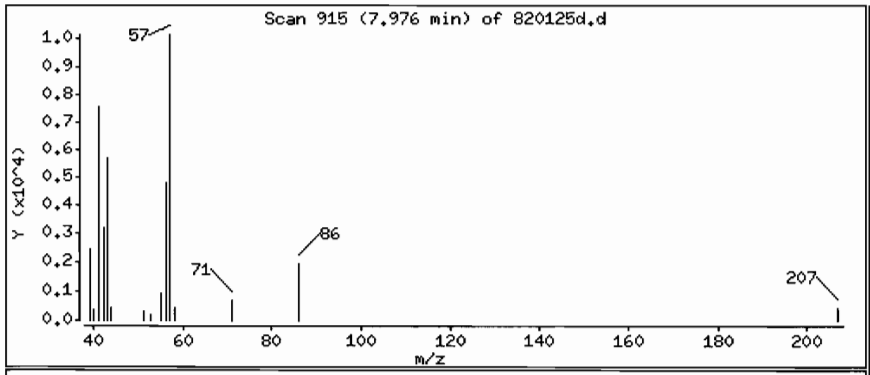
Client ID: CE-VAPOR-5 Instrument: F.i

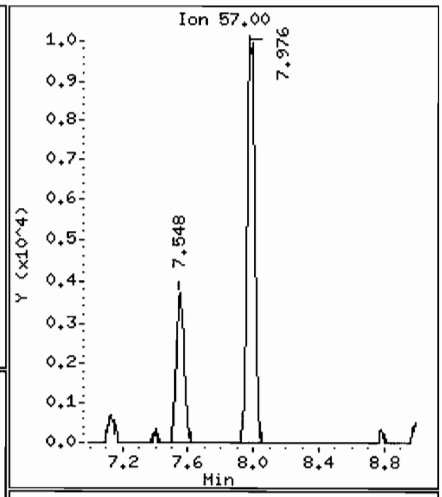
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

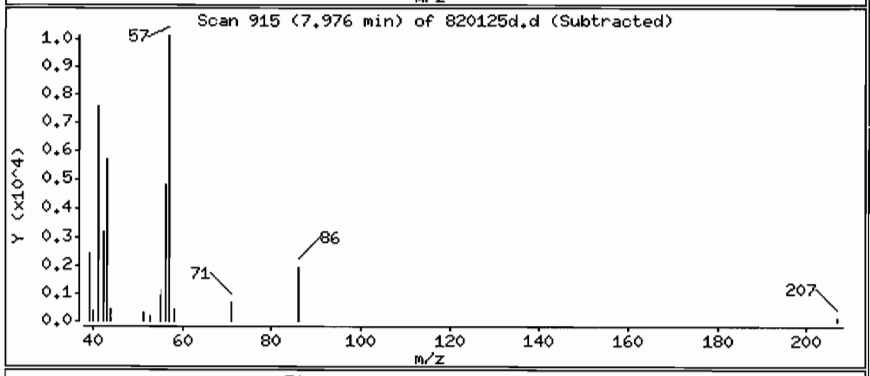
Purge Volume: 88.0 Operator: njr

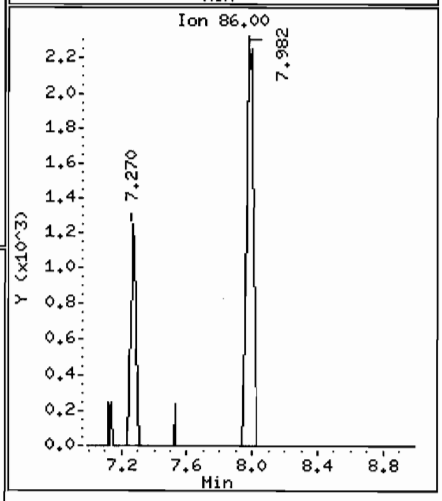
Column phase: RTX-624 Column diameter: 0.32

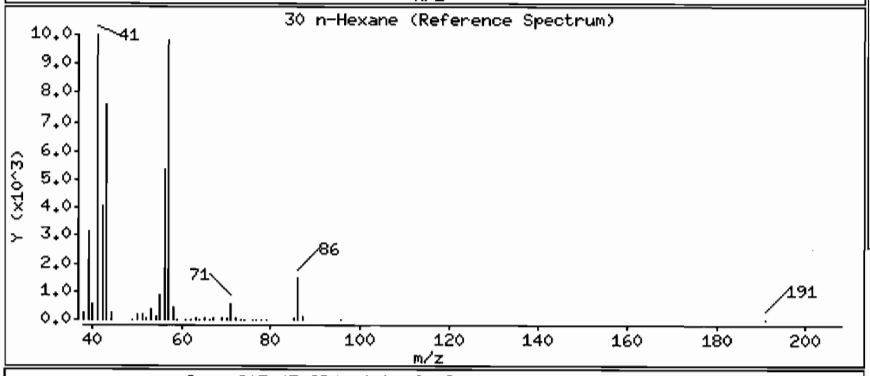
30 n-Hexane Concentration: 3.0 ppbv

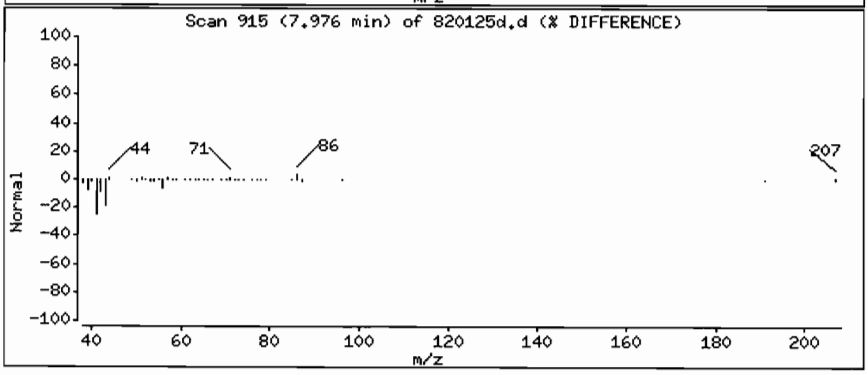












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

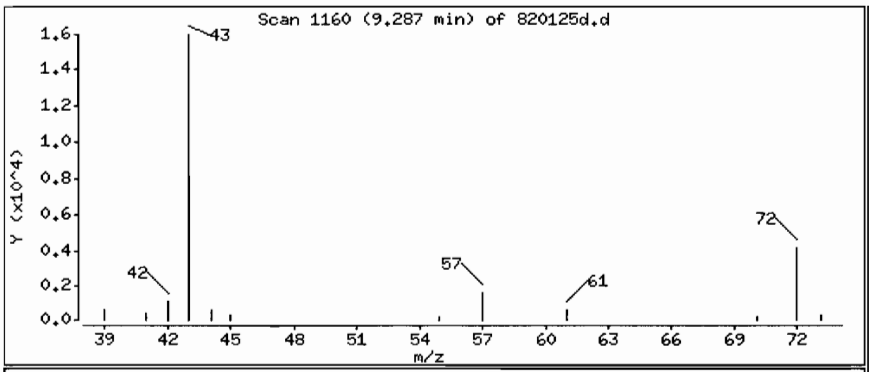
Client ID: CE-VAPOR-5 Instrument: F.i

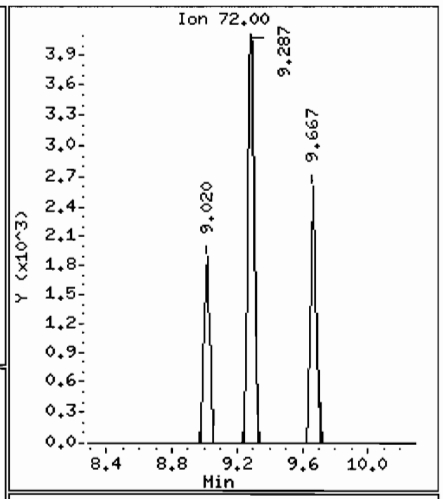
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

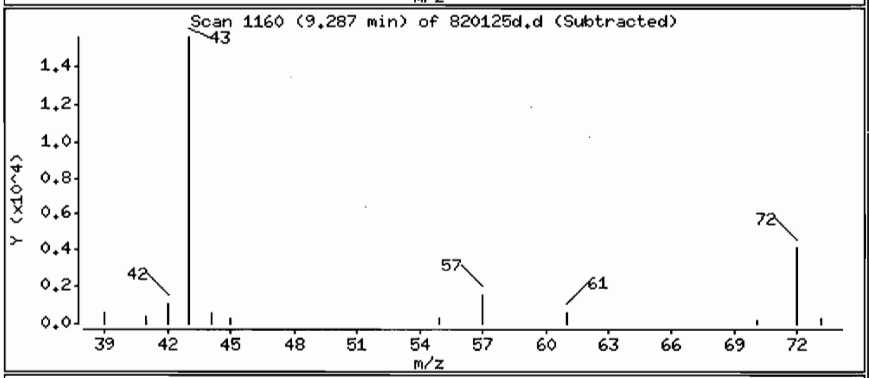
Purge Volume: 88.0 Operator: njr

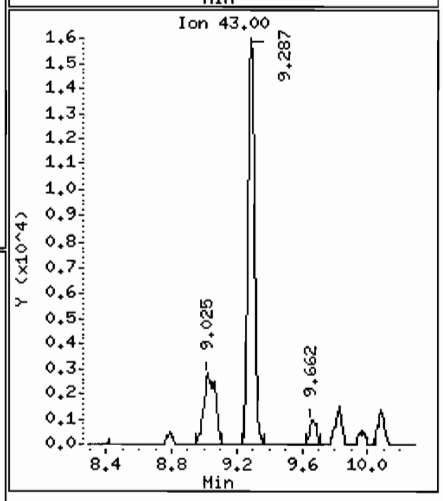
Column phase: RTX-624 Column diameter: 0.32

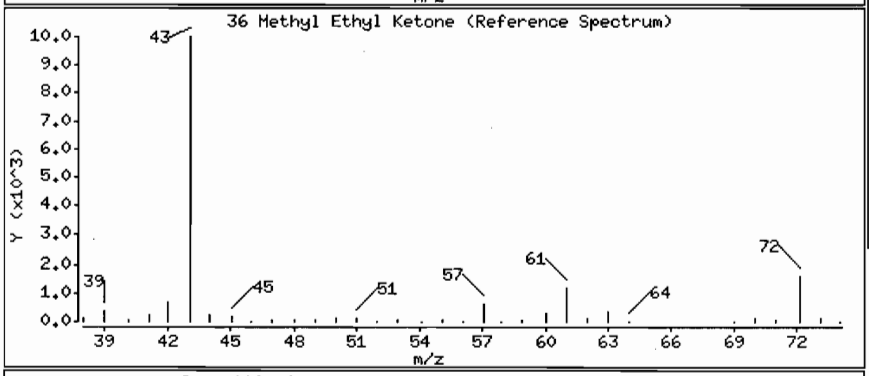
36 Methyl Ethyl Ketone Concentration: 2.9 ppbv

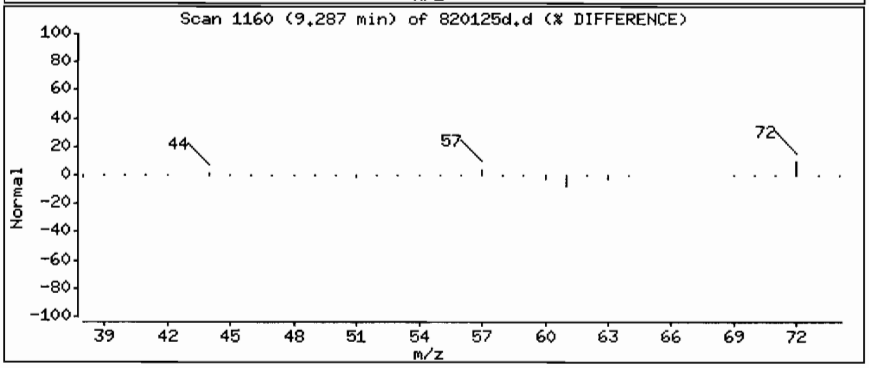












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

Purge Volume: 88.0

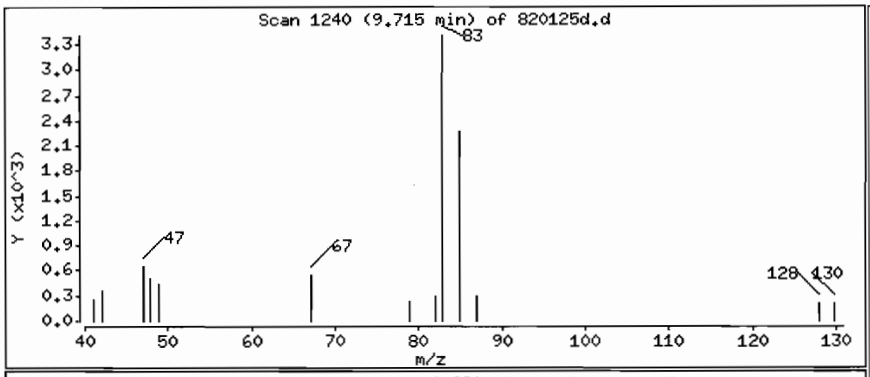
Operator: njr

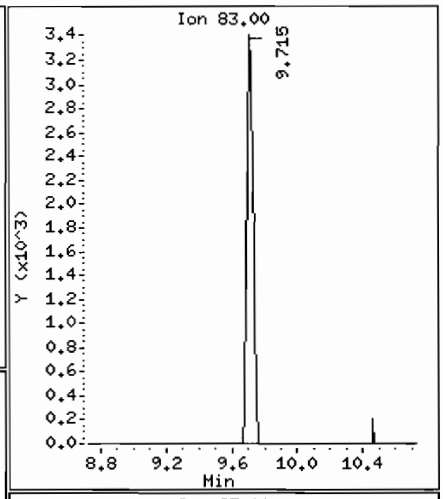
Column phase: RTX-624

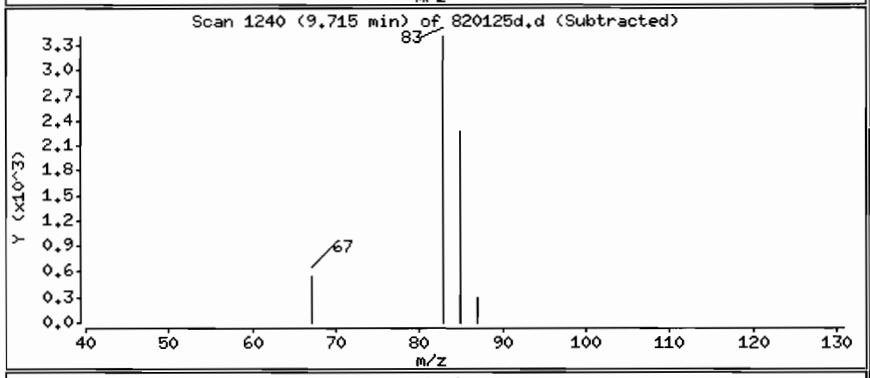
Column diameter: 0.32

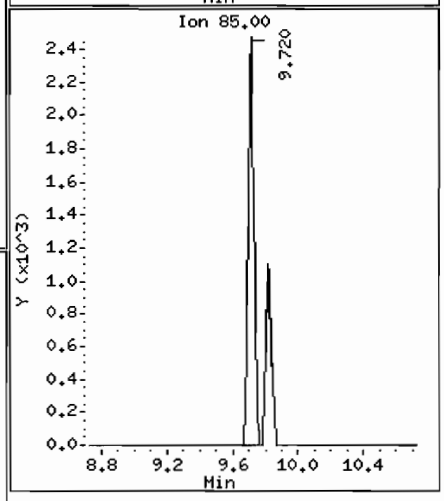
39 Chloroform

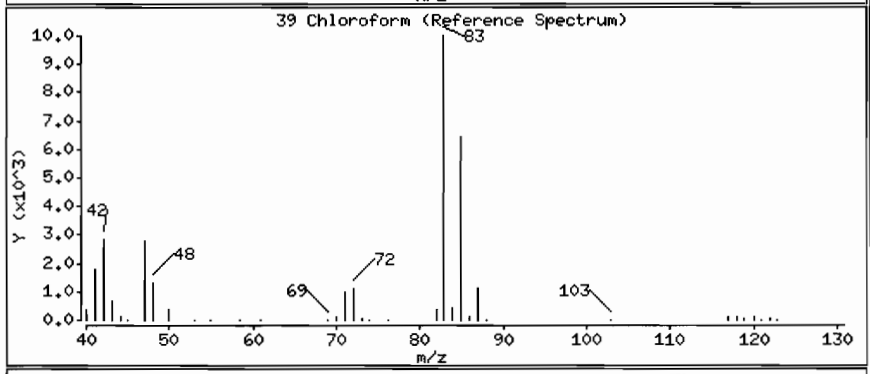
Concentration: 0.49 ppbv

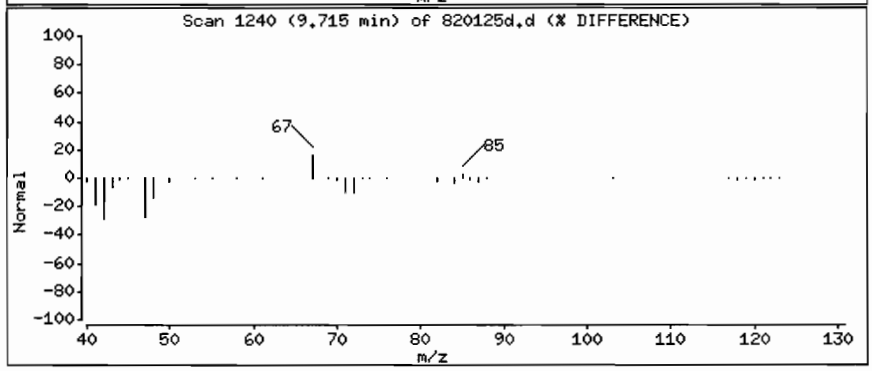












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

Purge Volume: 88.0

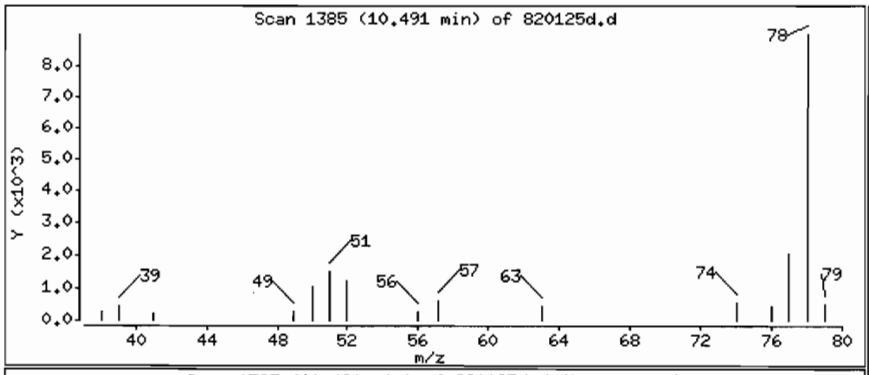
Operator: njr

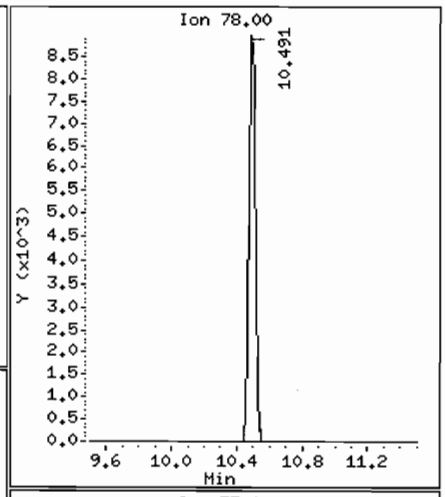
Column phase: RTX-624

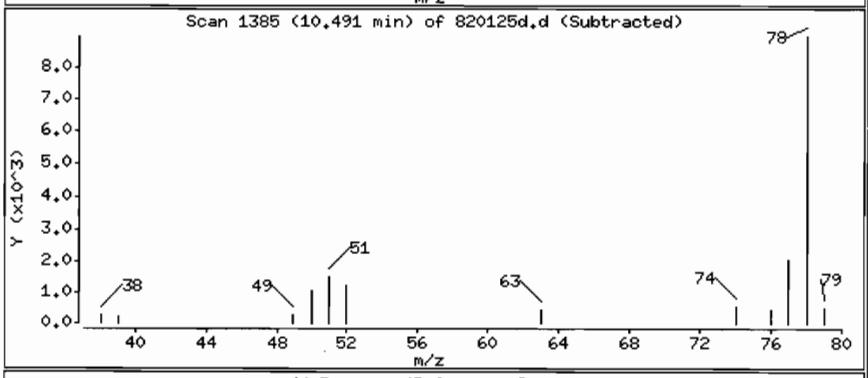
Column diameter: 0.32

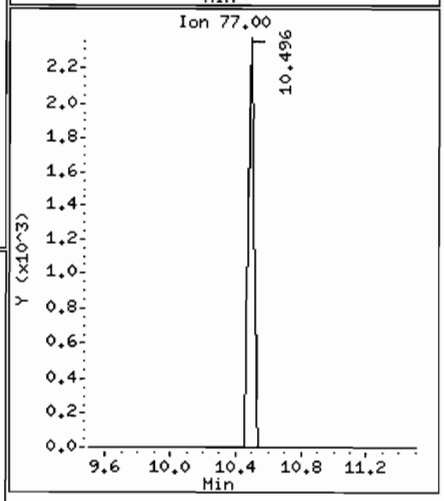
44 Benzene

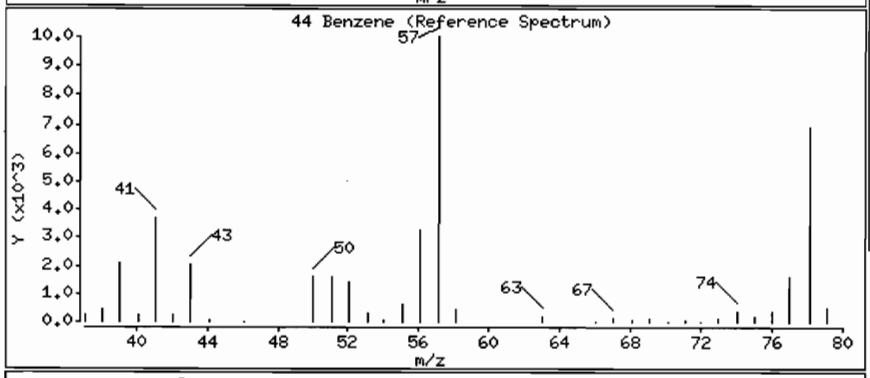
Concentration: 0.97 ppbv

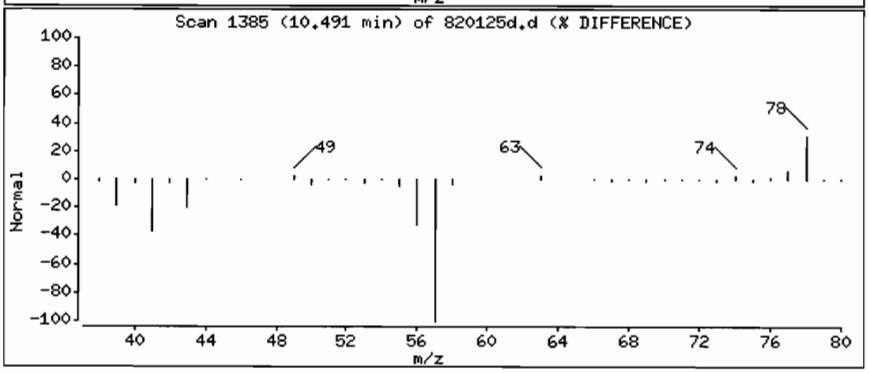












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Page 12

Date : 17-FEB-2010 08:23

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

Purge Volume: 88.0

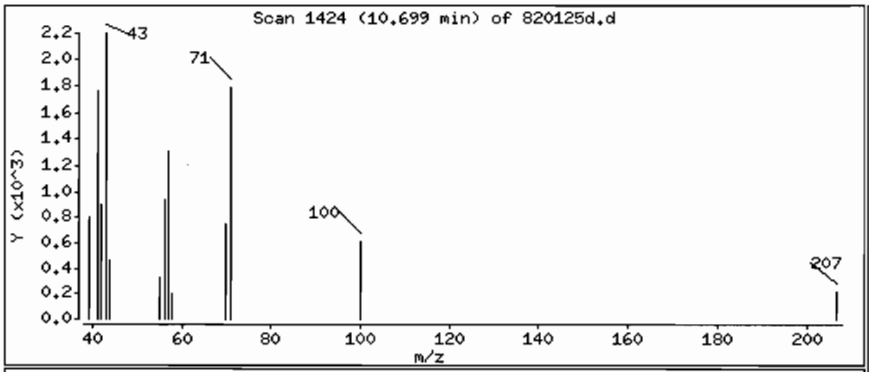
Operator: njr

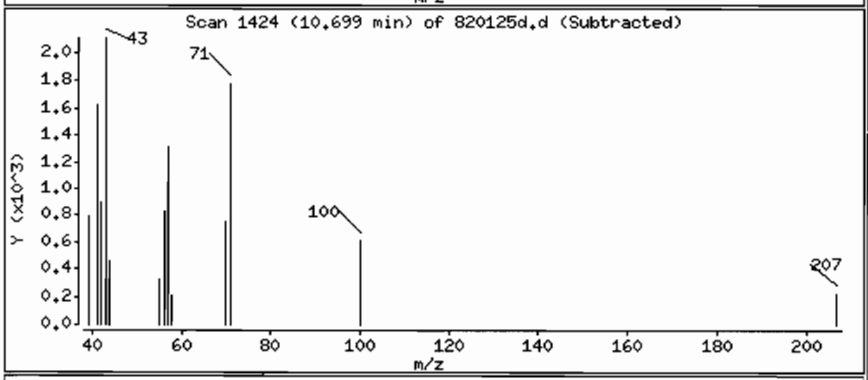
Column phase: RTX-624

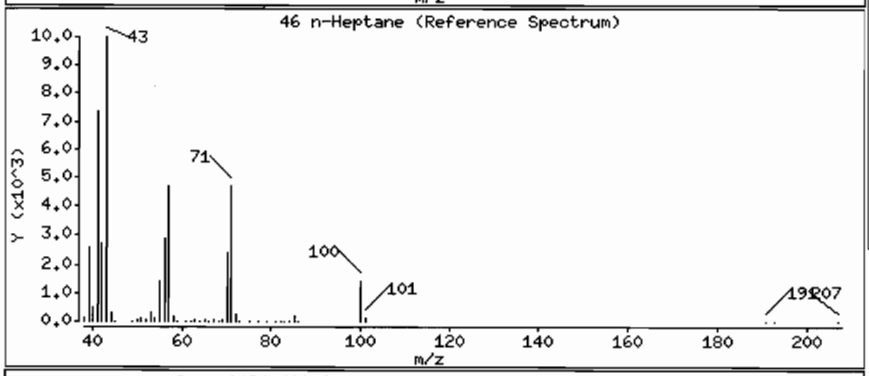
Column diameter: 0.32

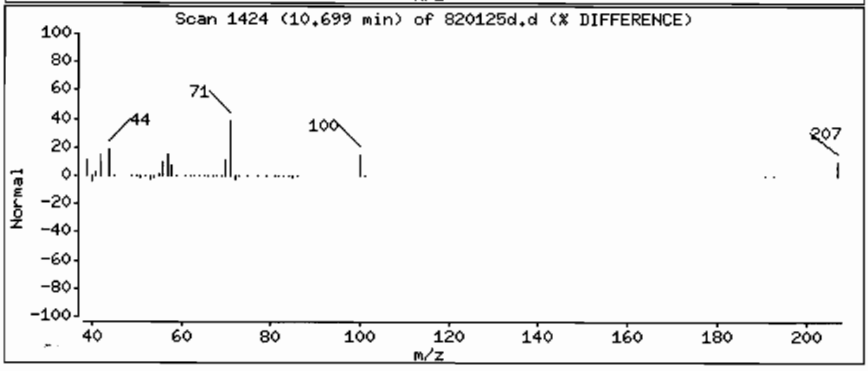
46 n-Heptane

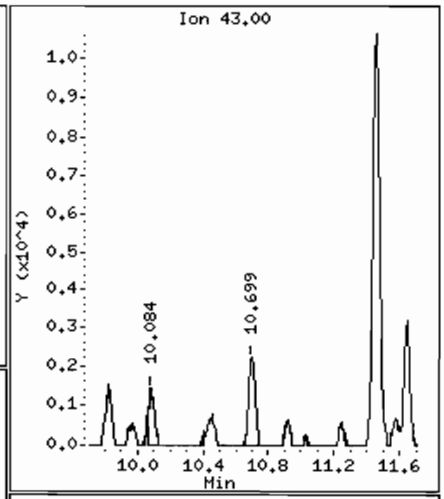
Concentration: 0.56 ppbv

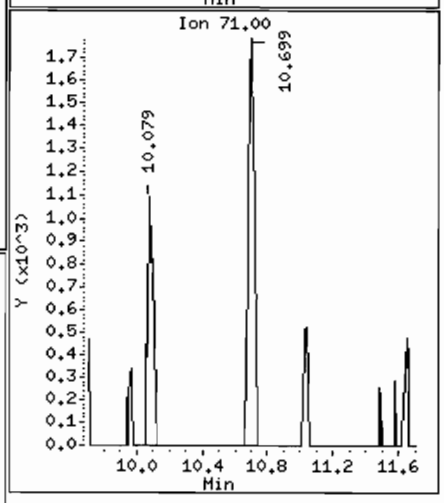












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

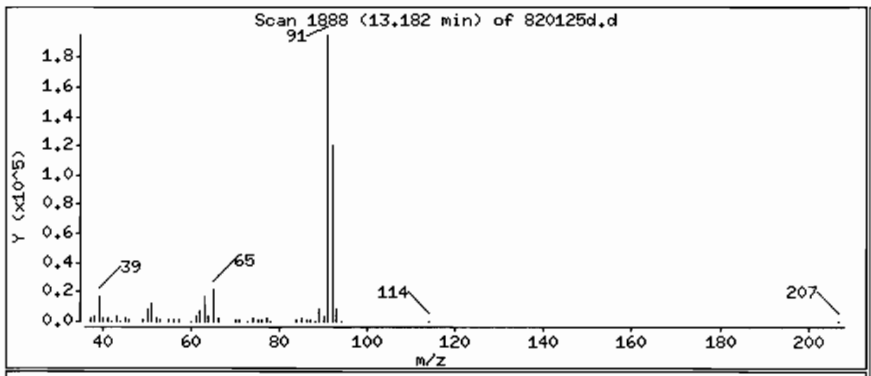
Client ID: CE-VAPOR-5 Instrument: F.i

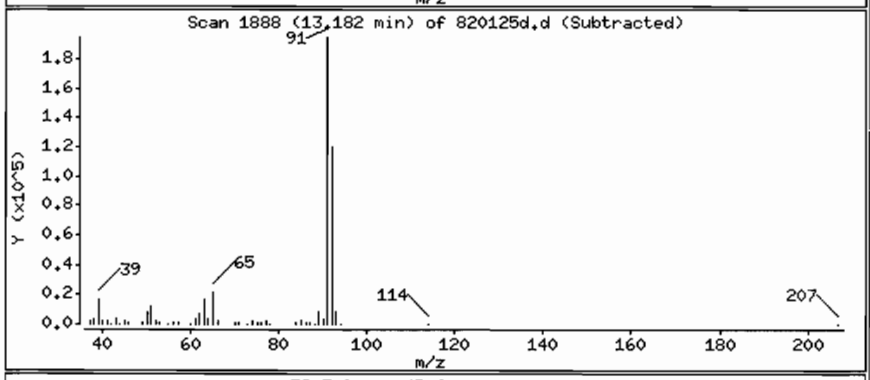
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

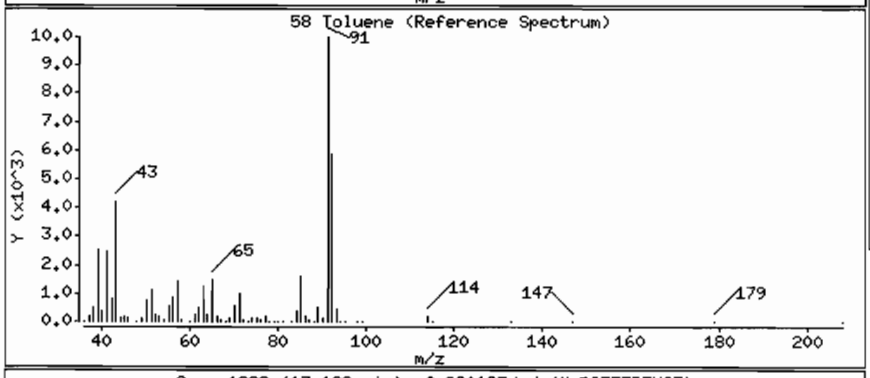
Purge Volume: 88.0 Operator: njr

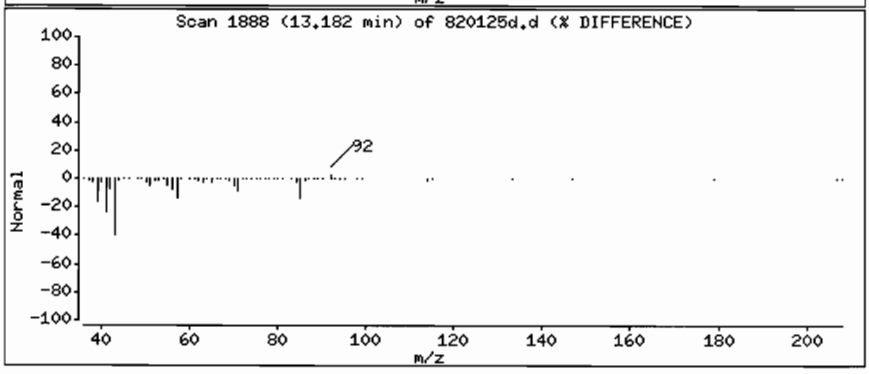
Column phase: RTX-624 Column diameter: 0.32

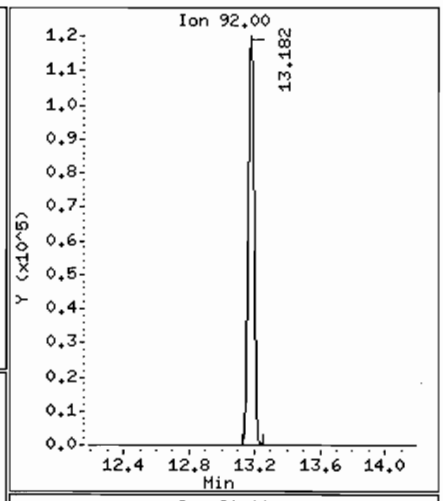
58 Toluene Concentration: 15 ppbv

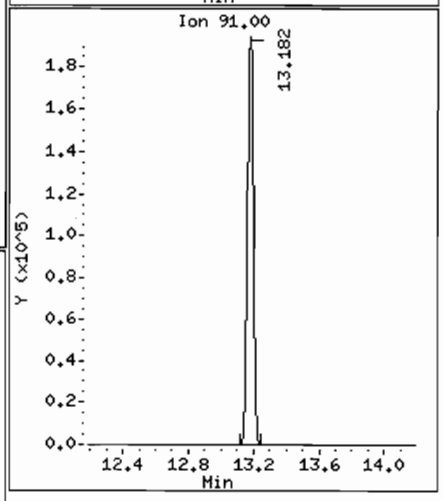












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

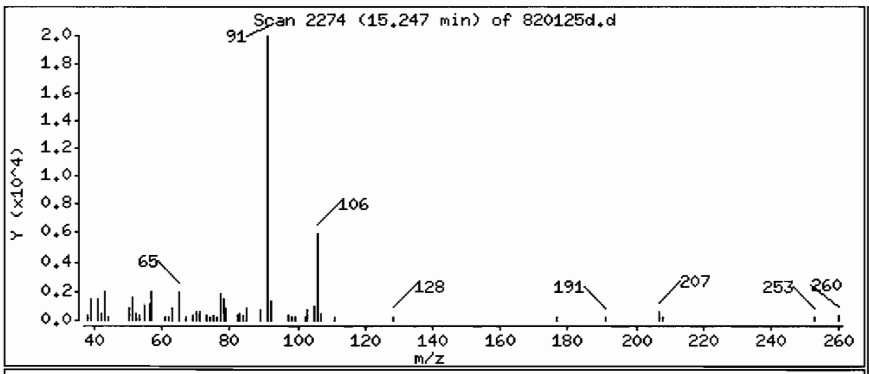
Client ID: CE-VAPOR-5 Instrument: F.i

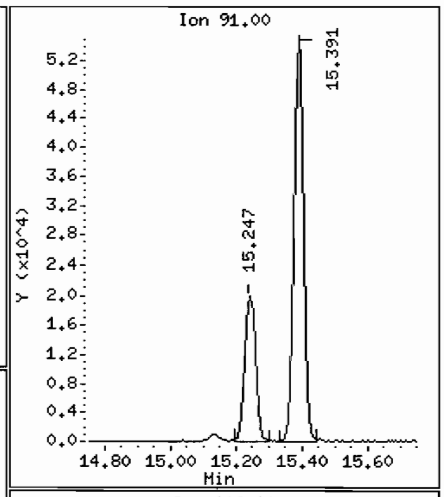
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

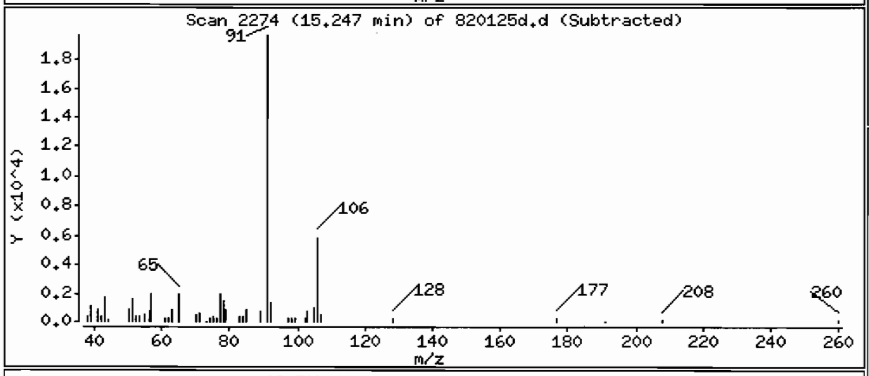
Purge Volume: 88.0 Operator: njr

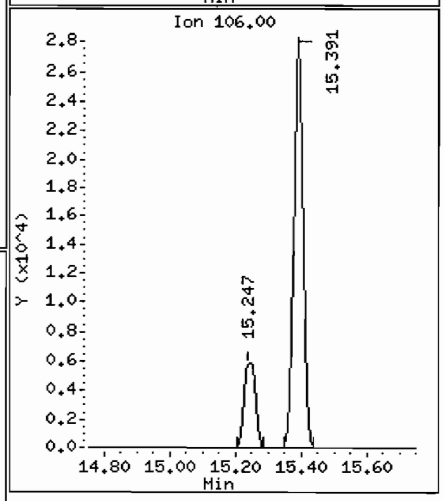
Column phase: RTX-624 Column diameter: 0.32

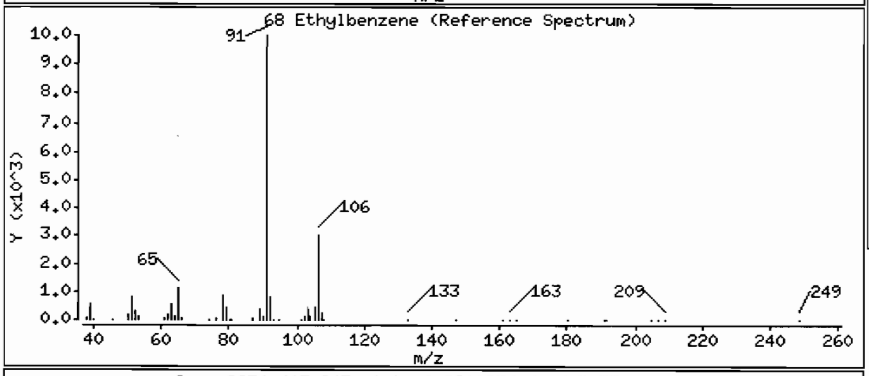
68 Ethylbenzene Concentration: 1.0 ppbv

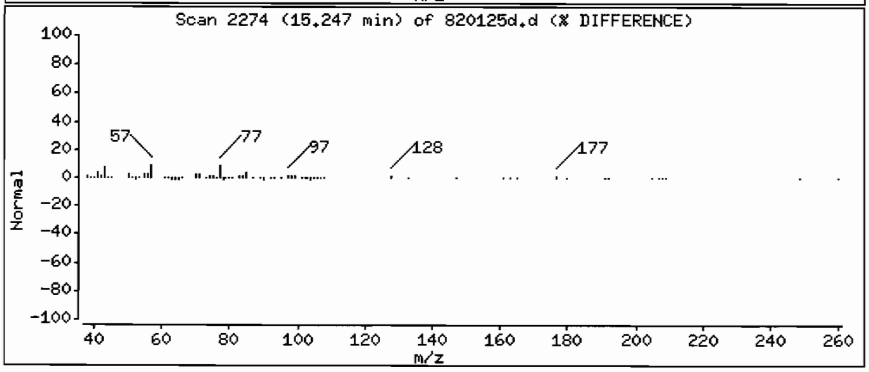












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

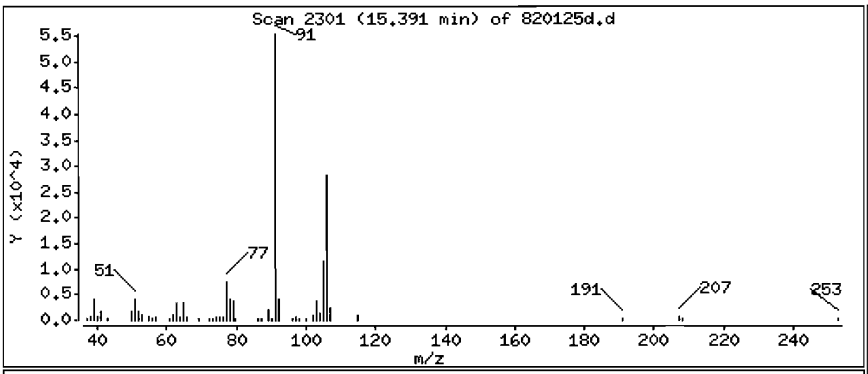
Client ID: CE-VAPOR-5 Instrument: F.i

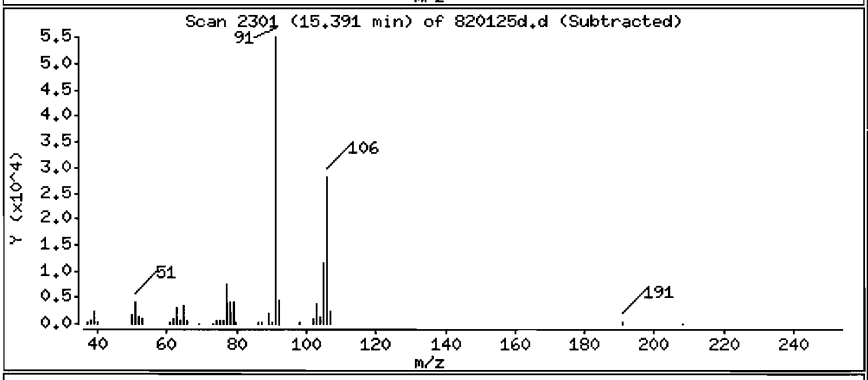
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

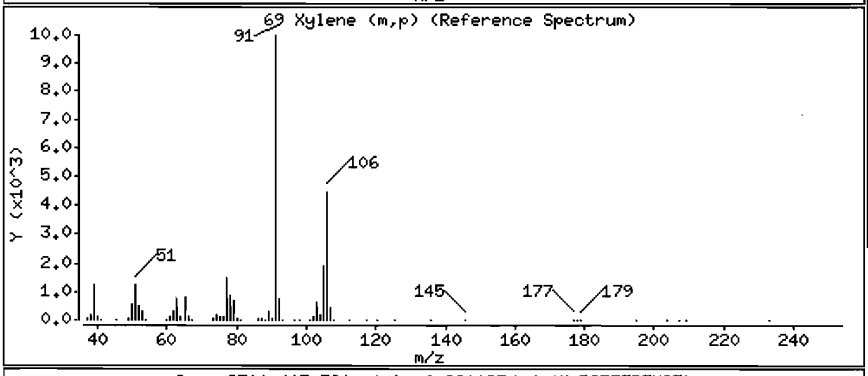
Purge Volume: 88.0 Operator: njr

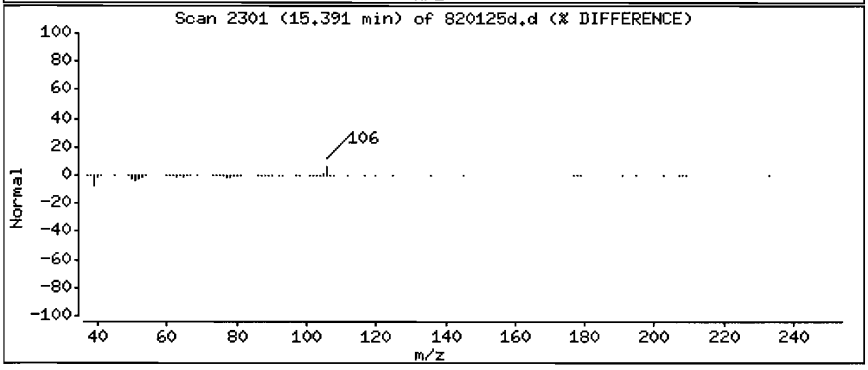
Column phase: RTX-624 Column diameter: 0.32

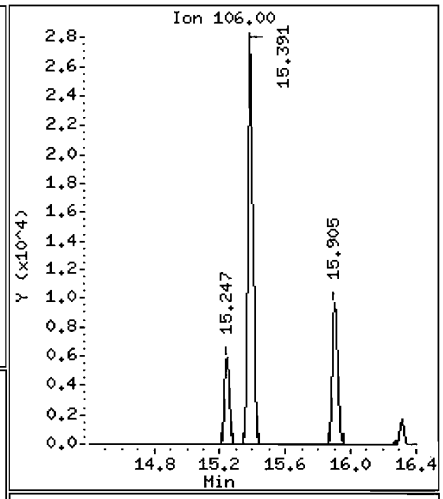
69 Xylene (m,p) Concentration: 3.4 ppbv

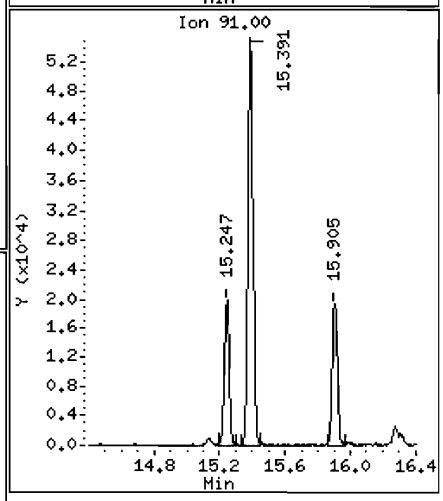












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

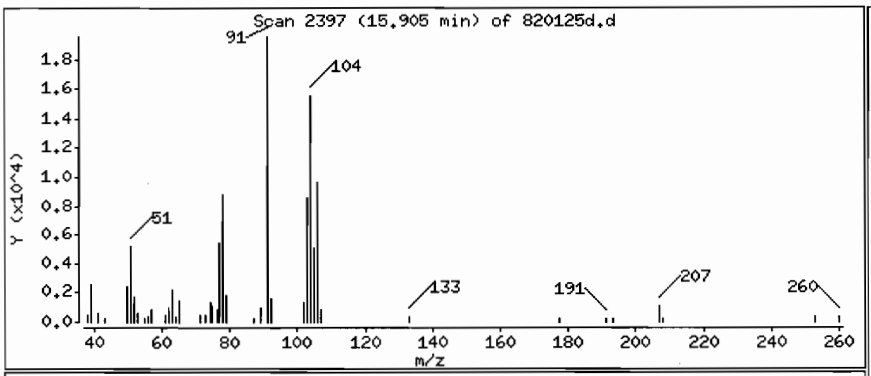
Client ID: CE-VAPOR-5 Instrument: F.i

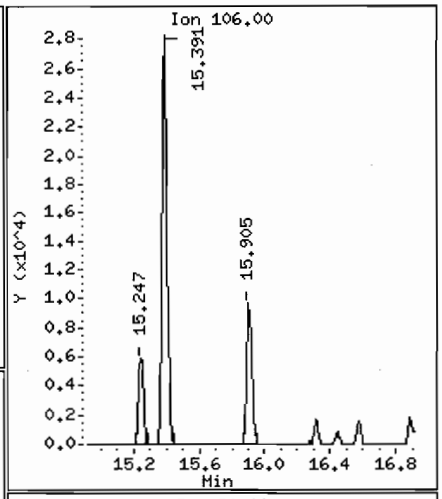
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

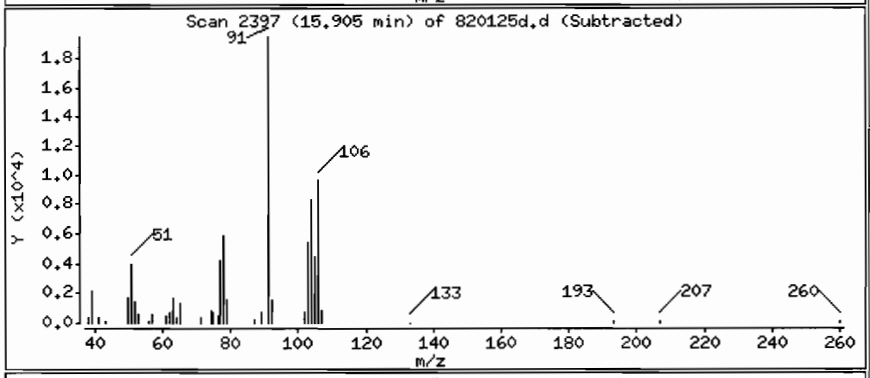
Purge Volume: 88.0 Operator: njr

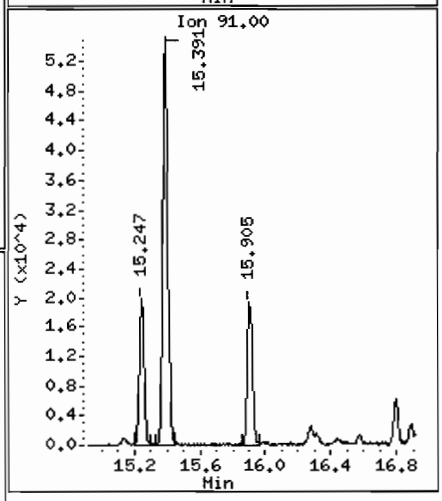
Column phase: RTX-624 Column diameter: 0.32

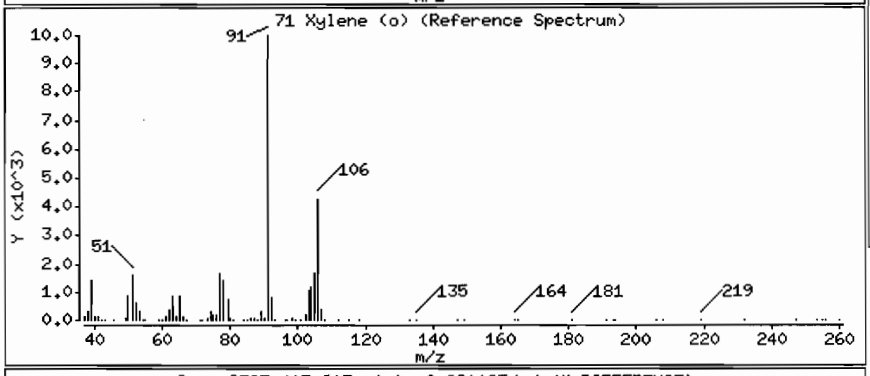
71 Xylene (o) Concentration: 1.2 ppbv

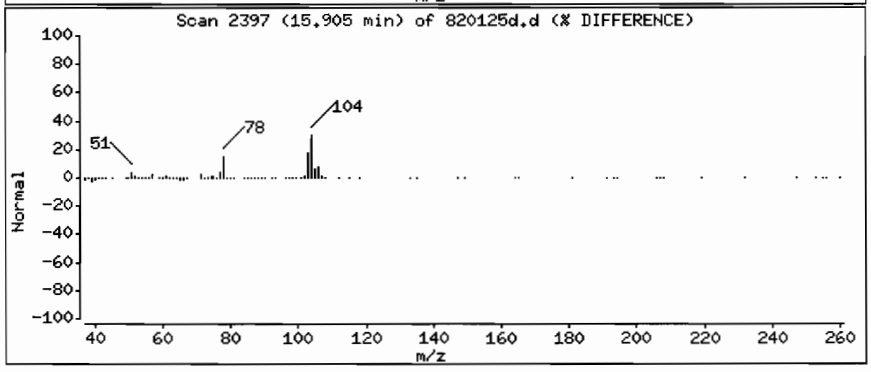












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

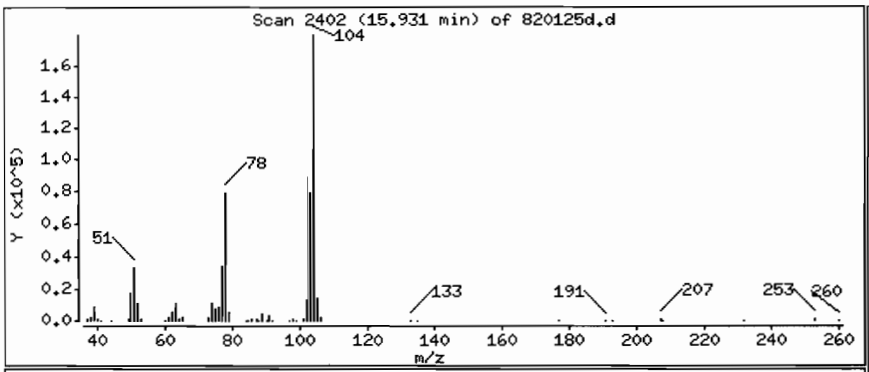
Client ID: CE-VAPOR-5 Instrument: F.i

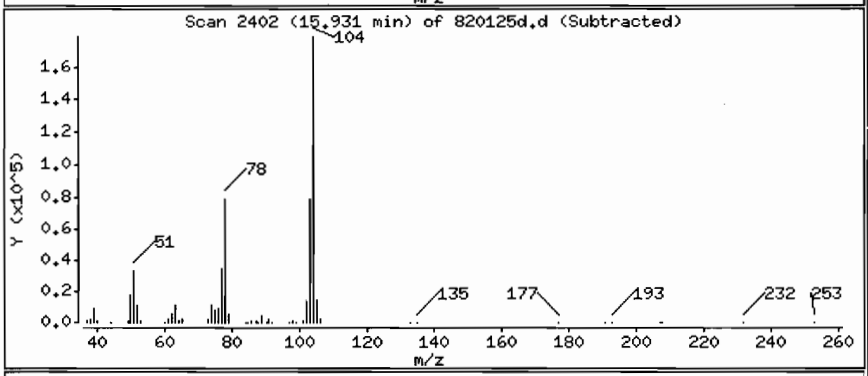
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

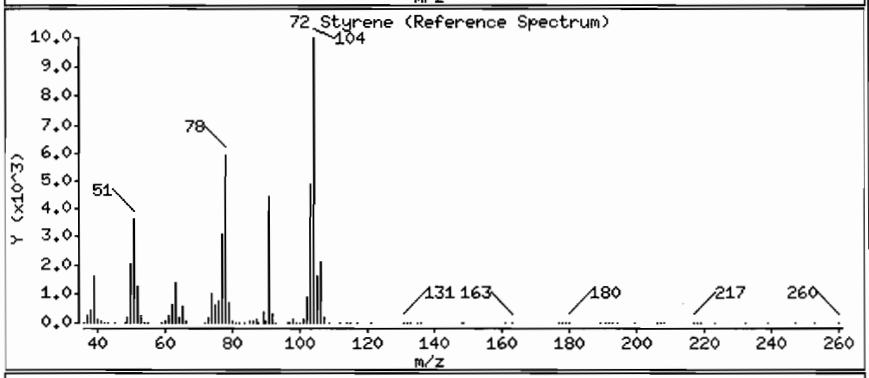
Purge Volume: 88.0 Operator: njr

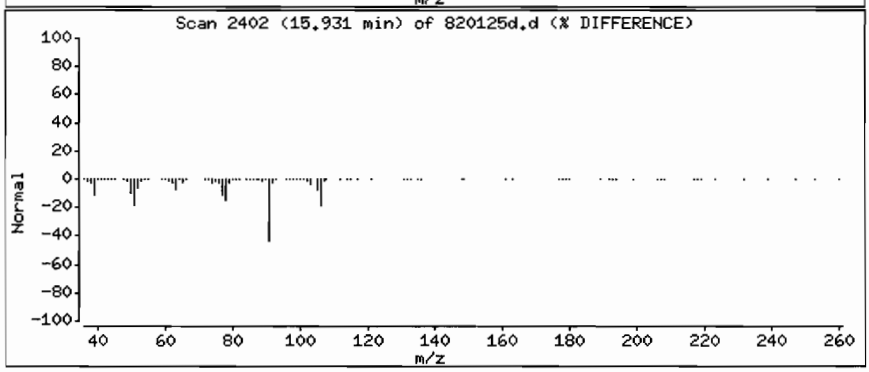
Column phase: RTX-624 Column diameter: 0.32

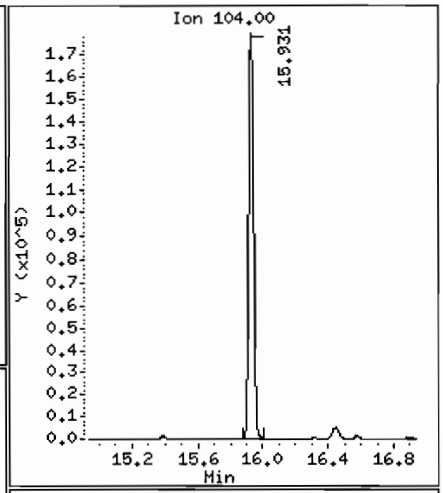
72 Styrene Concentration: 14 ppbv

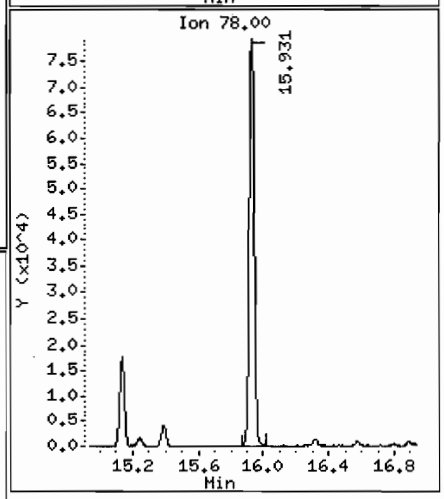












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

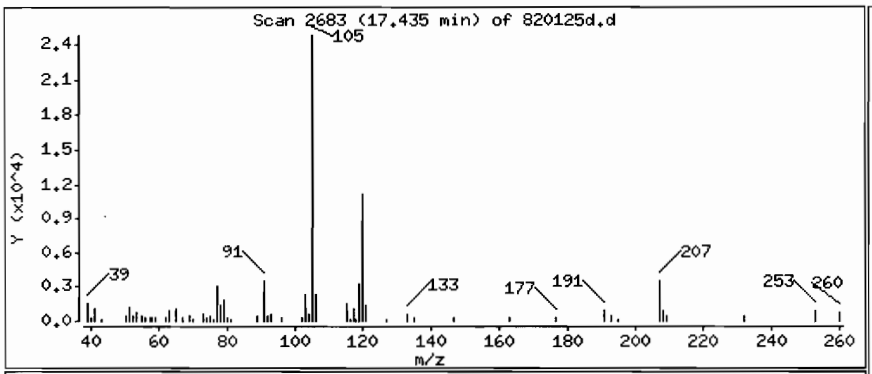
Client ID: CE-VAPOR-5 Instrument: F.i

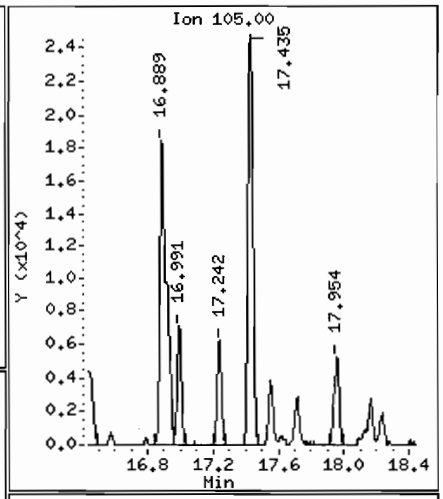
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

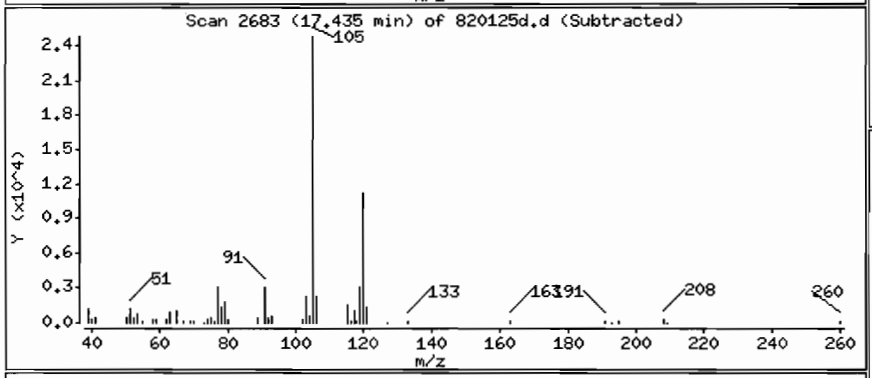
Purge Volume: 88.0 Operator: njr

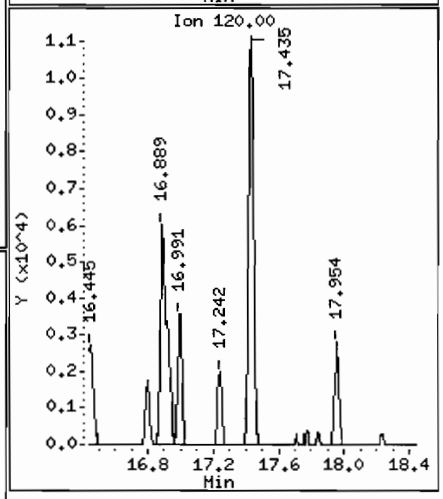
Column phase: RTX-624 Column diameter: 0.32

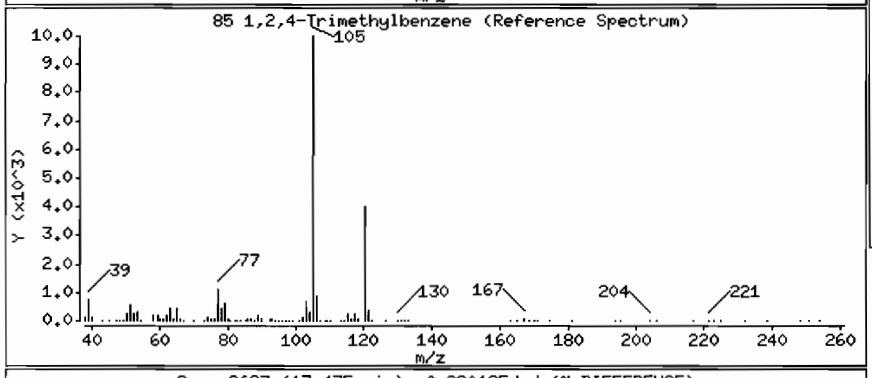
85 1,2,4-Trimethylbenzene Concentration: 1.1 ppbv

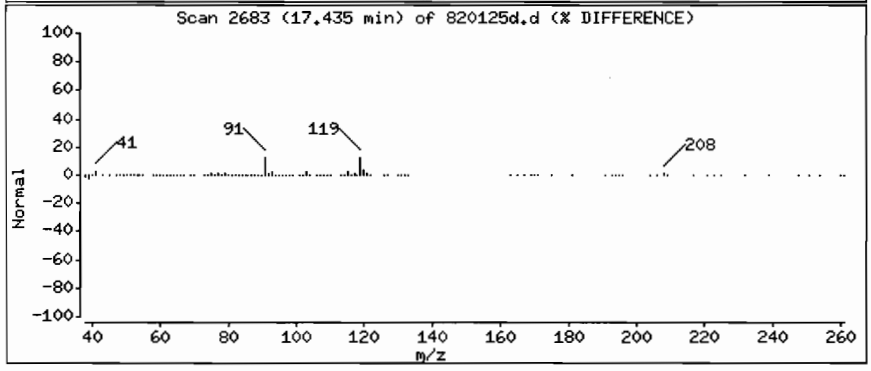












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

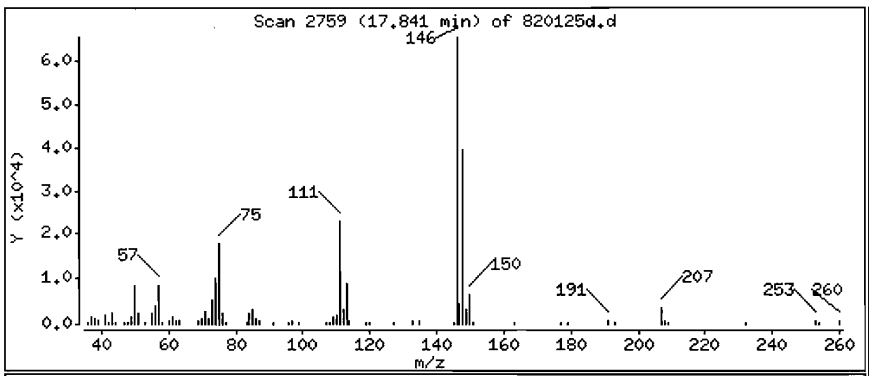
Client ID: CE-VAPOR-5 Instrument: F.i

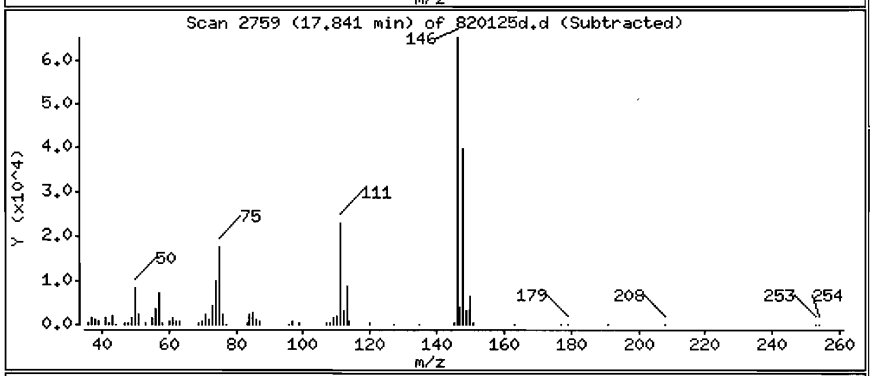
Sample Info: CE-VAPOR-5 :[J02/08/10 @1545(AIR)

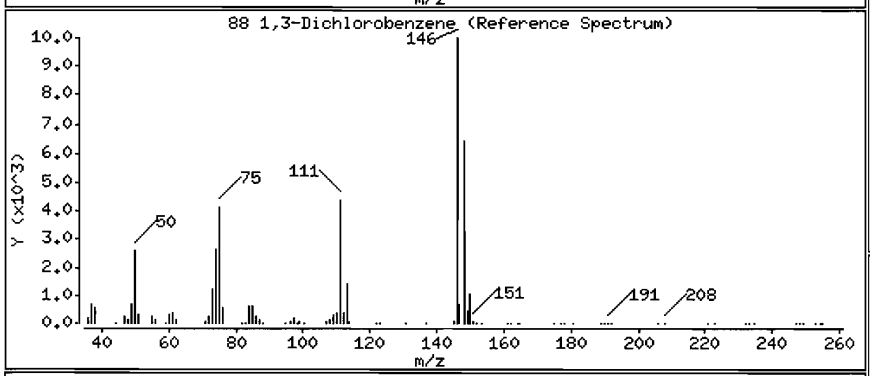
Purge Volume: 88.0 Operator: njr

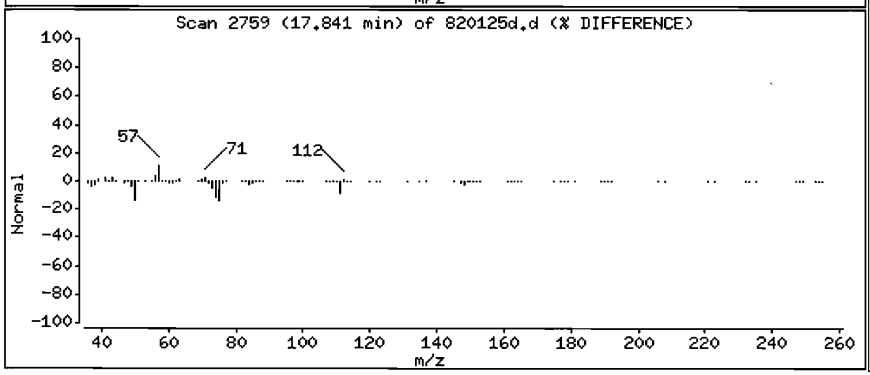
Column phase: RTX-624 Column diameter: 0.32

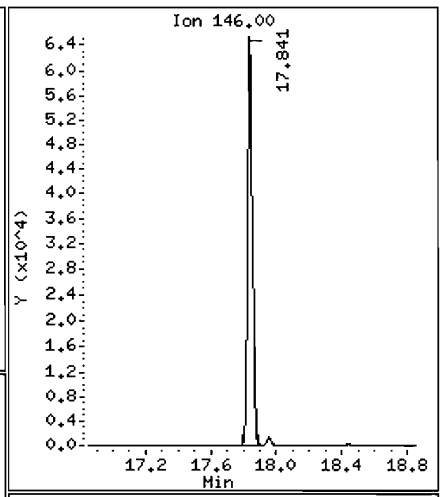
88 1,3-Dichlorobenzene Concentration: 3.7 ppbv

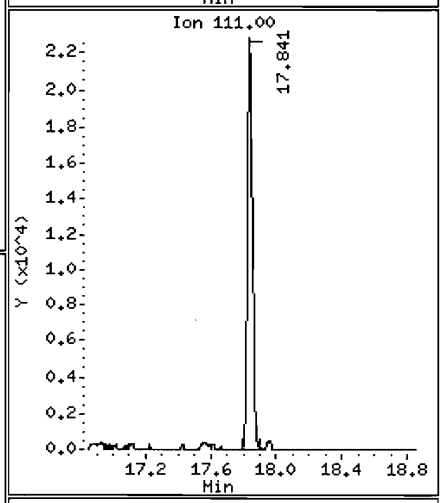


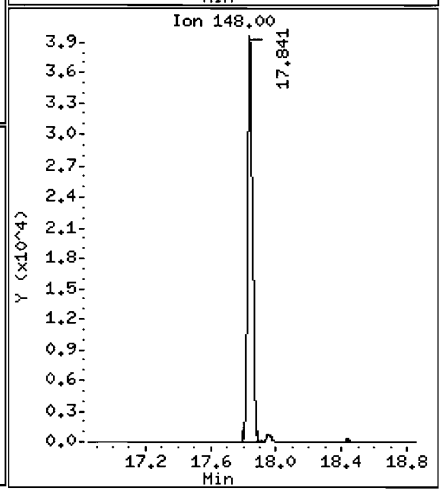












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820126

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820126

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.51	
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.54	
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.22	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	26	
67-63-0	Isopropyl Alcohol	9.6	
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	2.8	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.27	
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.23	
71-43-2	Benzene	0.43	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.35	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820126

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820126

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

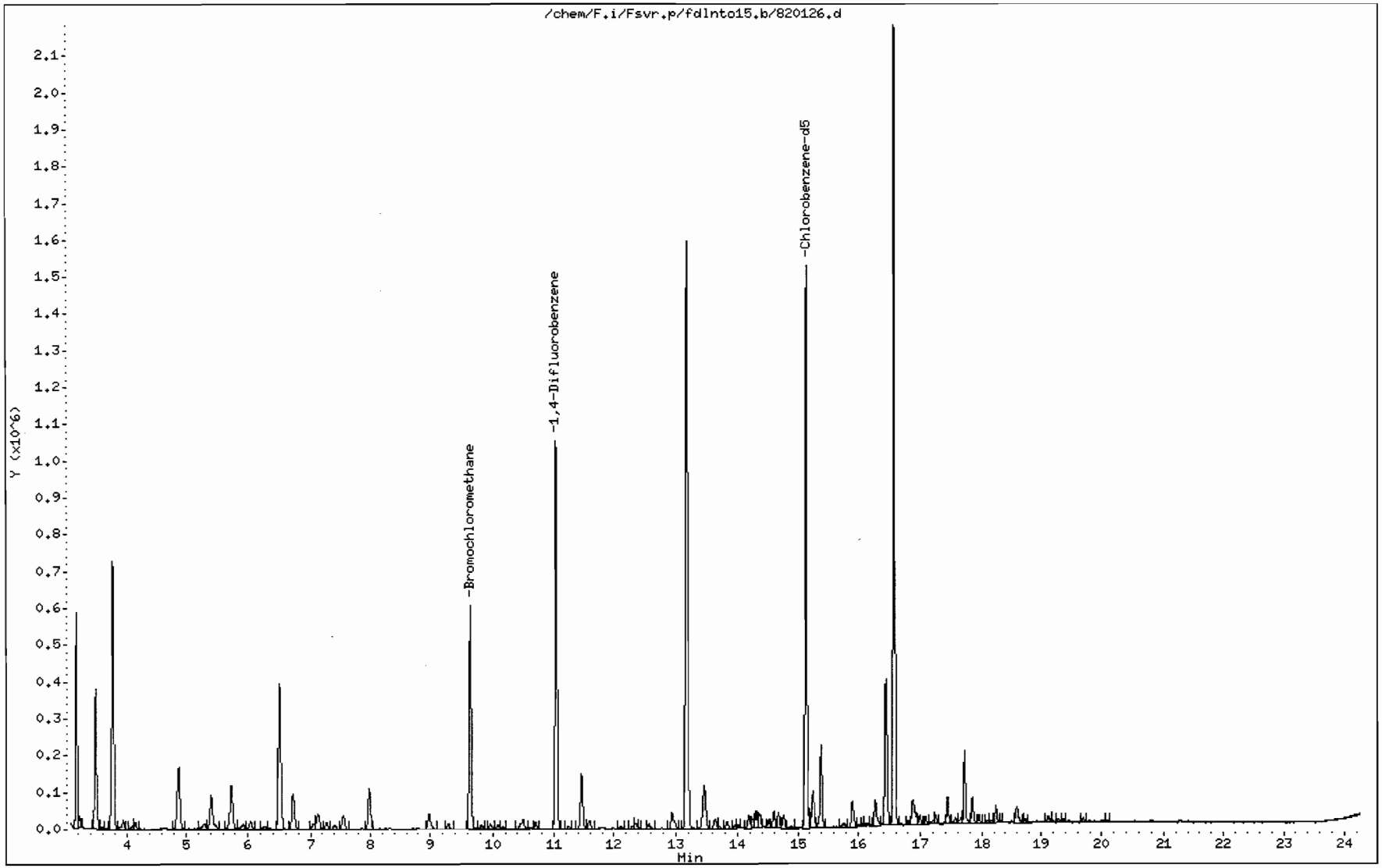
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	18	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.53	
1330-20-7	Xylene (m,p)	1.7	
95-47-6	Xylene (o)	0.45	
1330-20-7	Xylenes, Total	2.2	
100-42-5	Styrene	0.30	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.32	
541-73-1	1,3-Dichlorobenzene	0.34	
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d
Date : 17-FEB-2010 02:44
Client ID: CE-VAPOR-6
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820126.d
Lab Smp Id: 820126 Client Smp ID: CE-VAPOR-6
Inj Date : 17-FEB-2010 02:44
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)
Misc Info : 820126;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.226	3.231	(0.335)	32533	0.50971	0.51
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	3.590	3.595	(0.372)	6345	0.53671	0.54
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.291	5.291	(0.549)	16830	0.22051	0.22
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.500	6.516	(0.674)	708967	25.5385	26
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	186055	9.55668	9.6
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	7.982	7.993	(0.828)	81092	2.84728	2.8
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	245179	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	9.972	9.983	(0.904)	7347	0.26501	0.27(Q)
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.453	10.459	(0.948)	19378	0.23085	0.23
	44 Benzene	78	10.491	10.502	(0.951)	27664	0.43124	0.43
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.970)	10154	0.34738	0.35
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1177476	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	950104	18.0586	18
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1143507	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	61563	0.52847	0.53
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	80206	1.68656	1.7
	71 Xylene (o)	106	15.905	15.915	(1.051)	20719	0.44663	0.45
M	70 Xylenes, Total	106				100925	2.17559	2.2
	72 Styrene	104	15.931	15.937	(1.053)	20333	0.29666	0.30
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.429	17.440	(1.152)	40326	0.32415	0.32
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	31299	0.33501	0.34
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

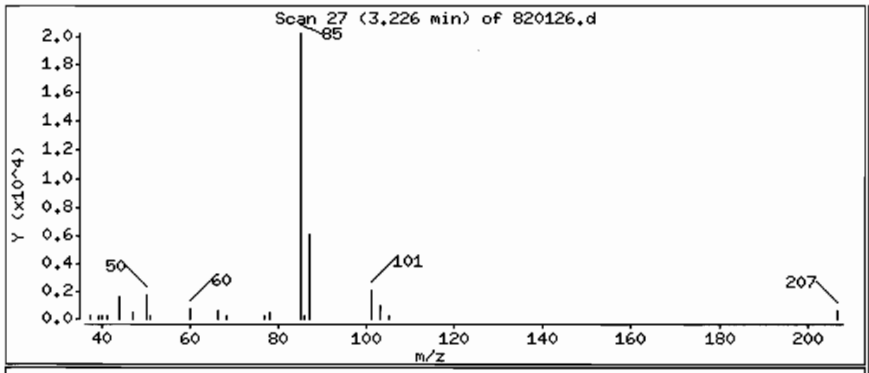
Client ID: CE-VAPOR-6 Instrument: F.i

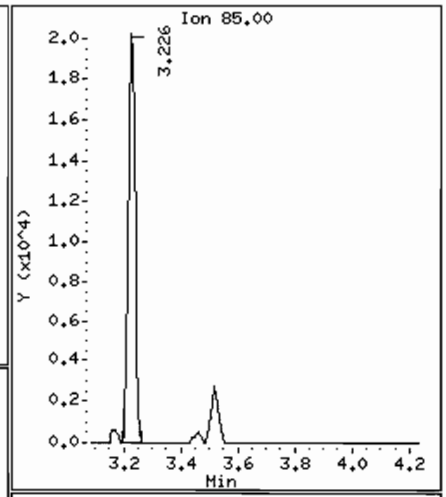
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

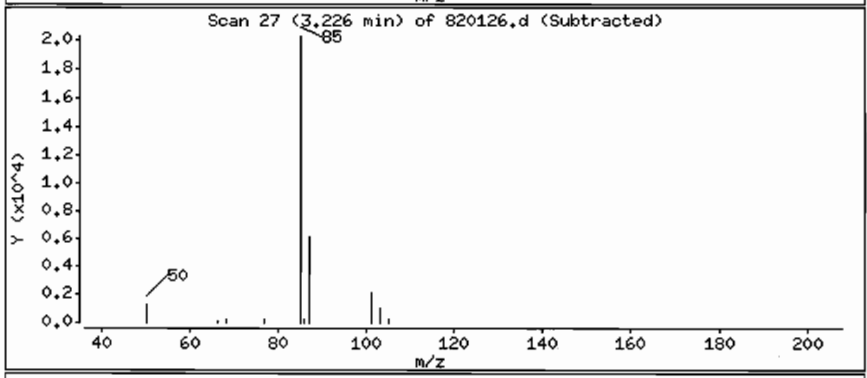
Purge Volume: 200.0 Operator: wrd

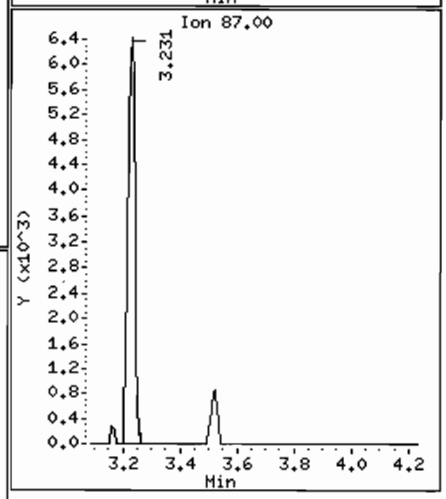
Column phase: RTX-624 Column diameter: 0.32

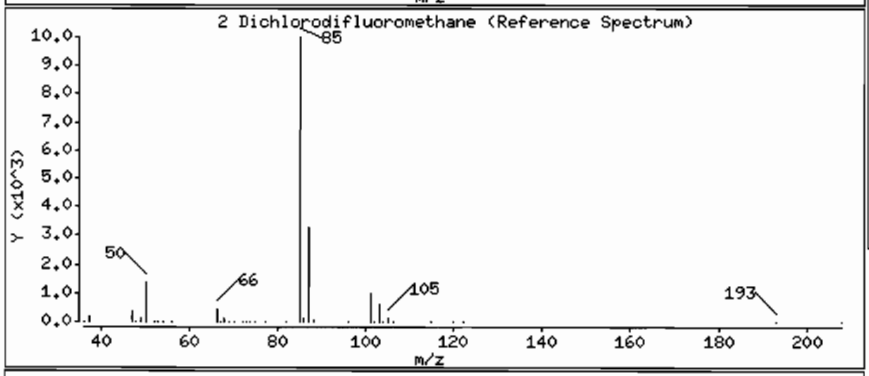
2 Dichlorodifluoromethane Concentration: 0.51 ppbv

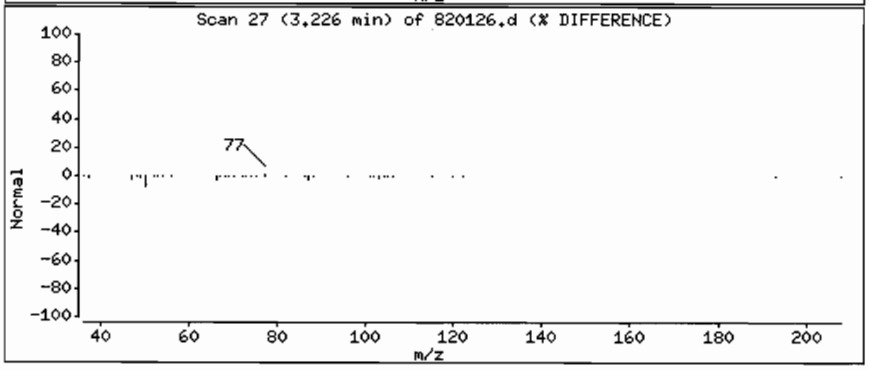












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

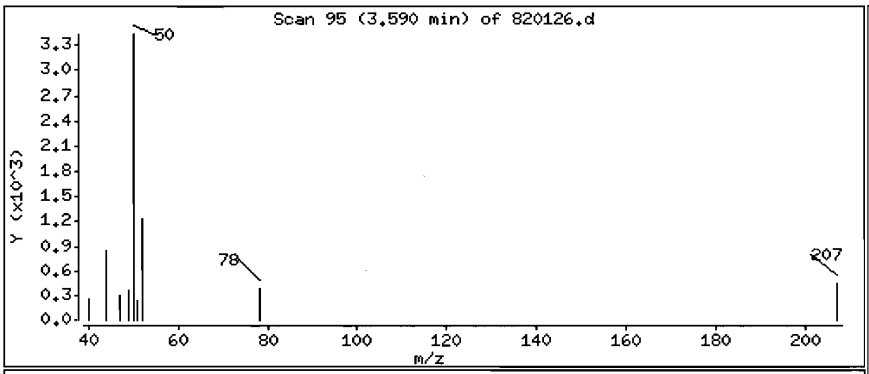
Client ID: CE-VAPOR-6 Instrument: F.i

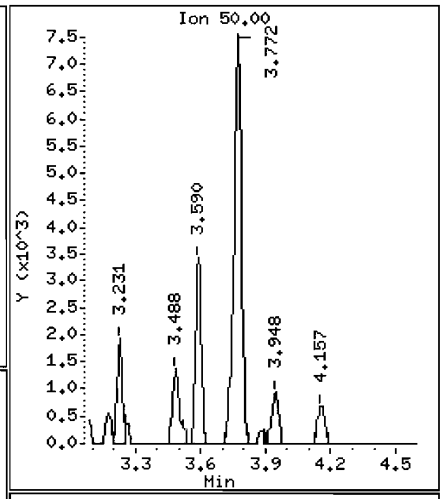
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

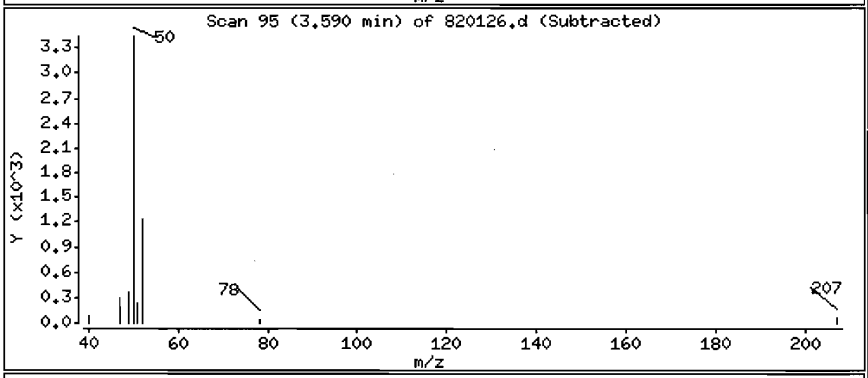
Purge Volume: 200.0 Operator: wrd

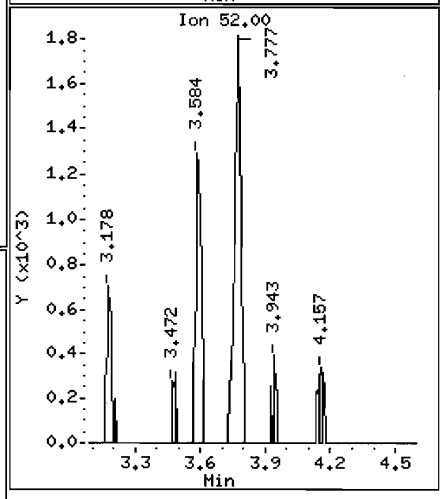
Column phase: RTX-624 Column diameter: 0.32

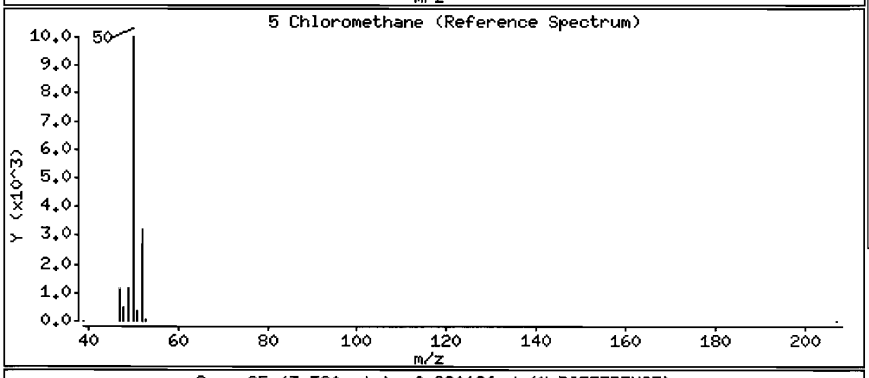
5 Chloromethane Concentration: 0.54 ppbv

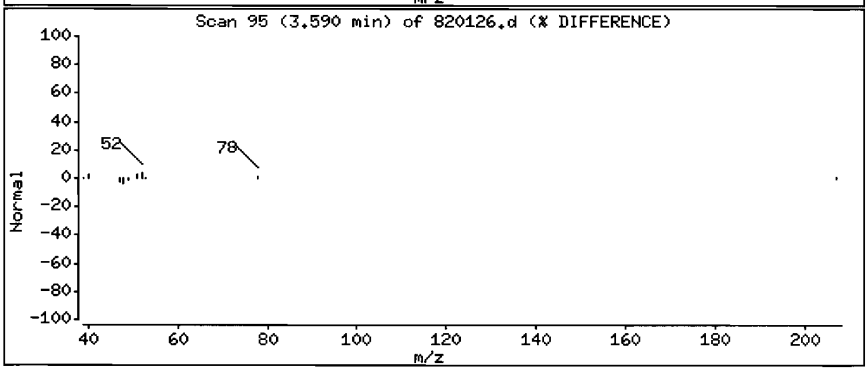












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

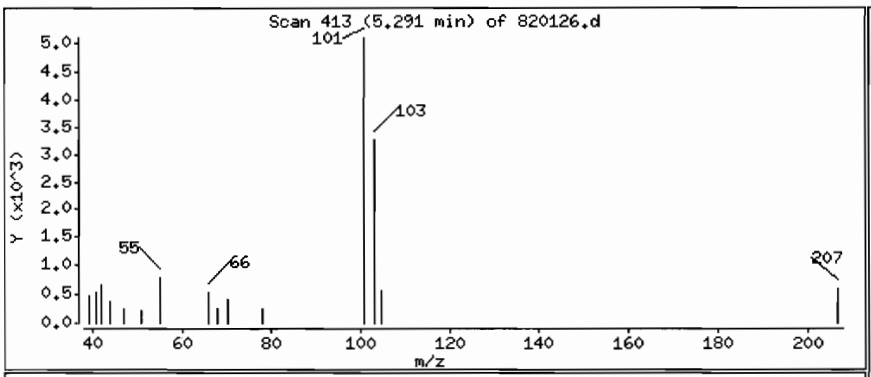
Client ID: CE-VAPOR-6 Instrument: F.i

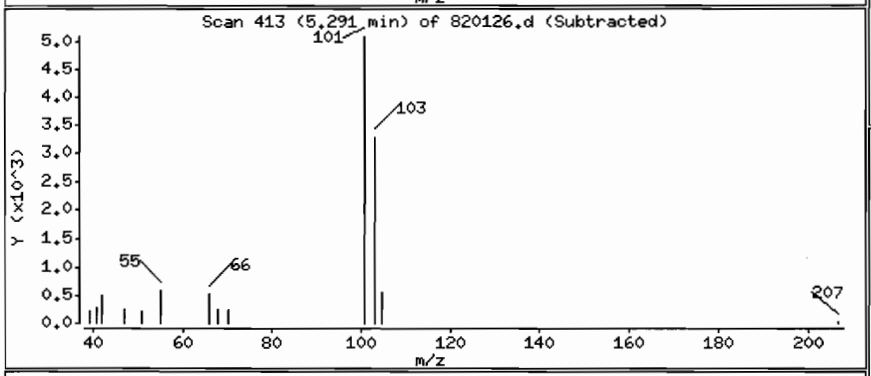
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

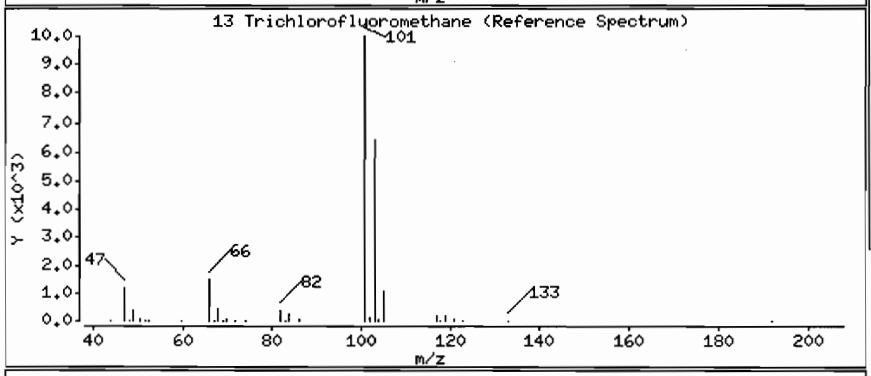
Purge Volume: 200.0 Operator: wrd

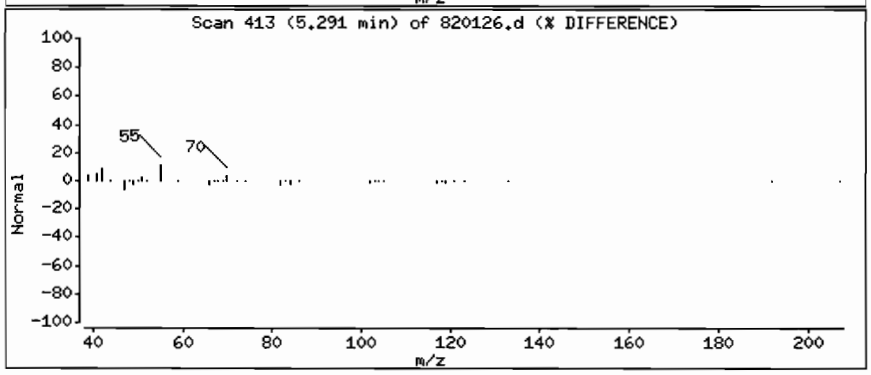
Column phase: RTX-624 Column diameter: 0.32

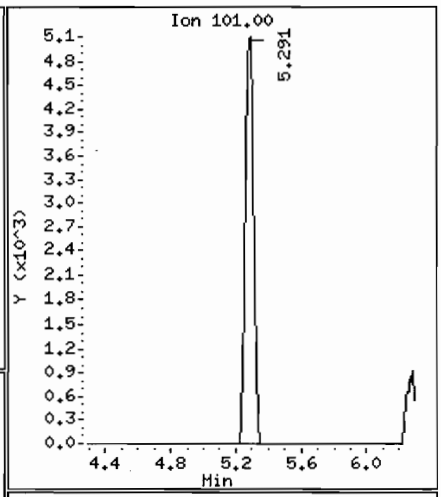
13 Trichlorofluoromethane Concentration: 0.22 ppbv

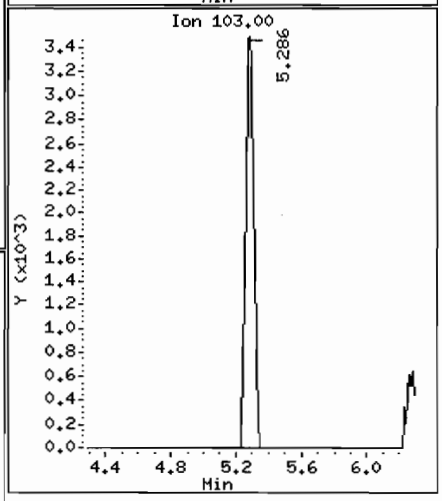












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

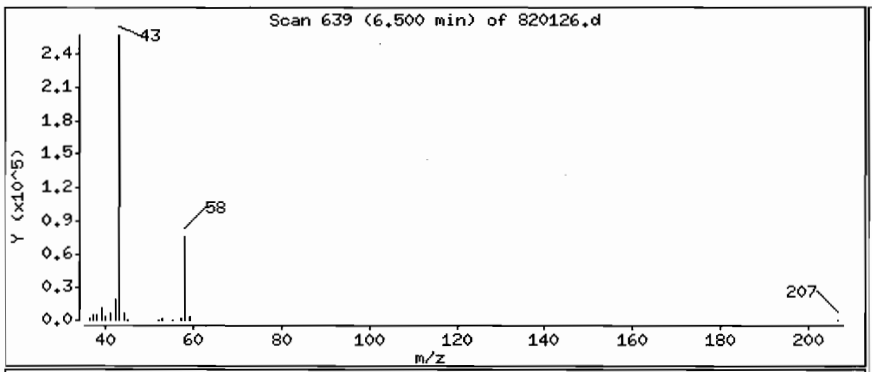
Client ID: CE-VAPOR-6 Instrument: F.i

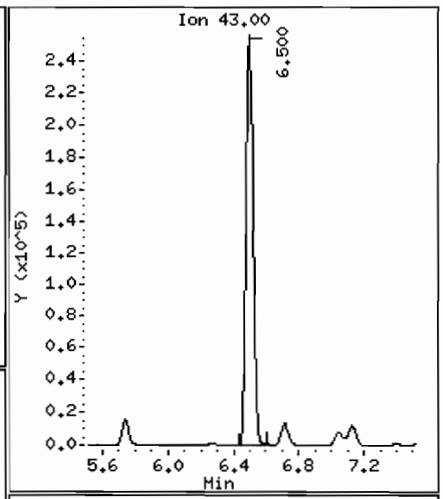
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

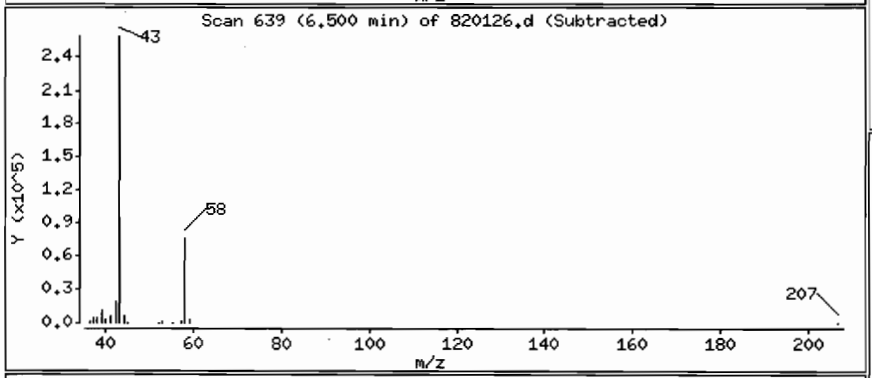
Purge Volume: 200.0 Operator: wrd

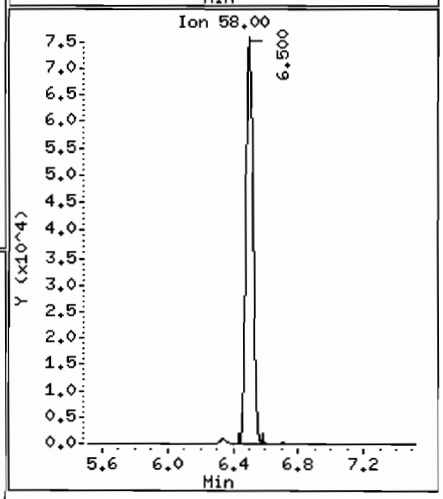
Column phase: RTX-624 Column diameter: 0.32

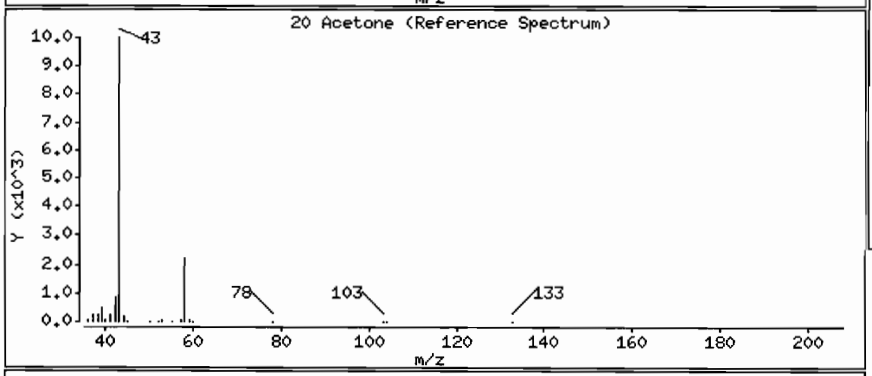
20 Acetone Concentration: 26 ppbv

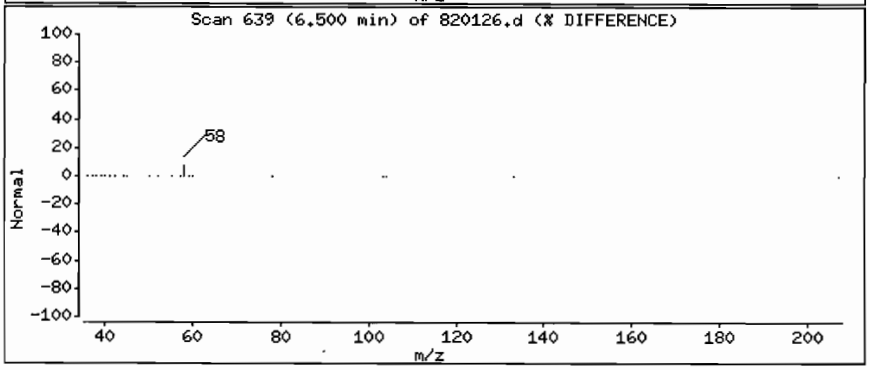












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

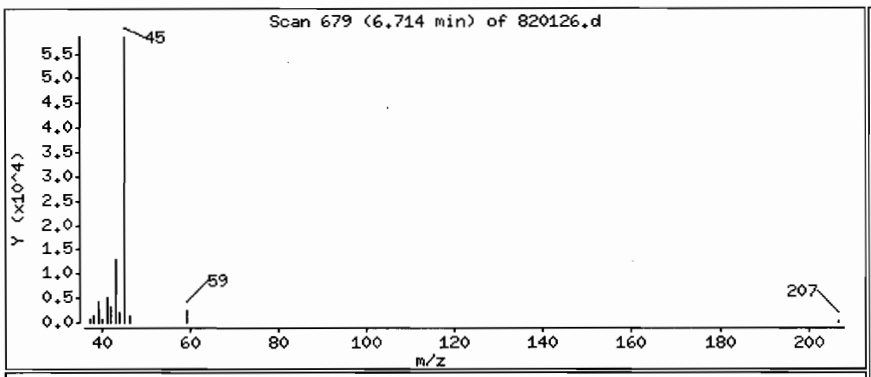
Client ID: CE-VAPOR-6 Instrument: F.i

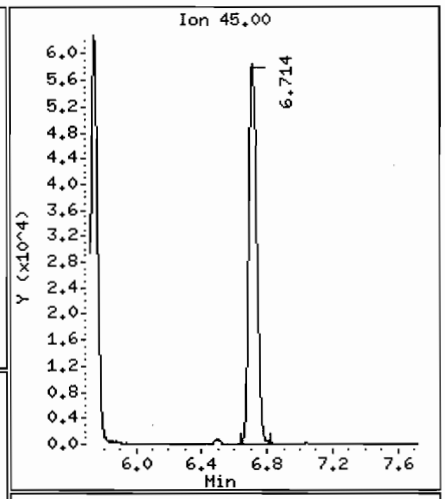
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

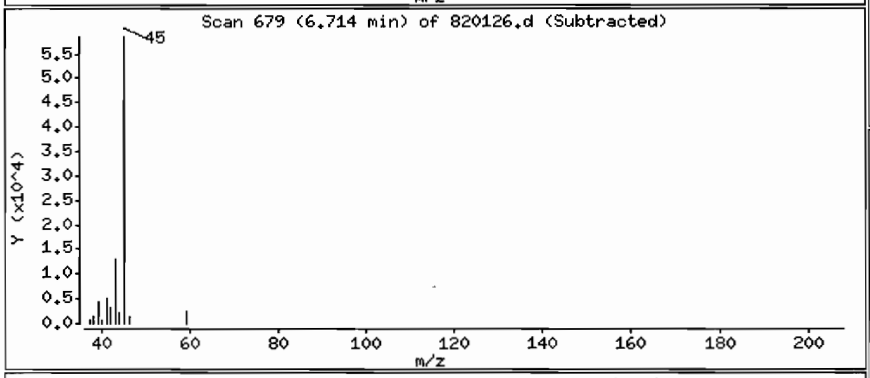
Purge Volume: 200.0 Operator: wrd

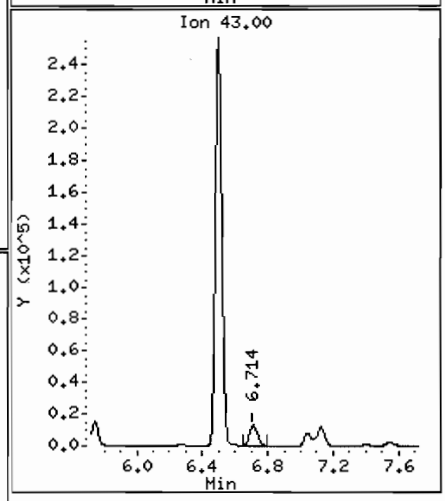
Column phase: RTX-624 Column diameter: 0.32

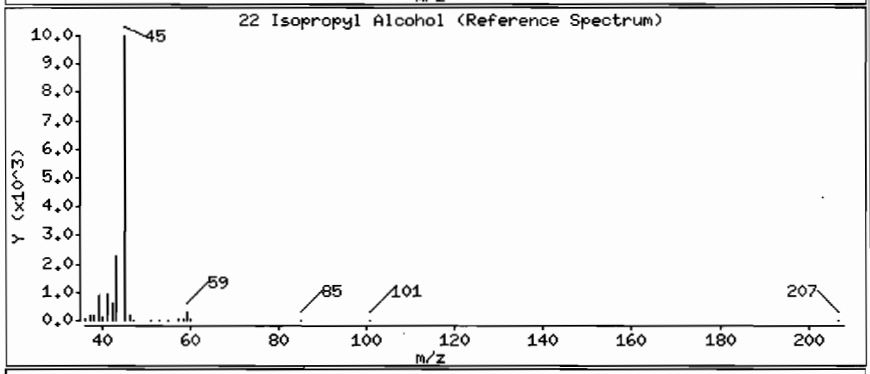
22 Isopropyl Alcohol Concentration: 9.6 ppbv

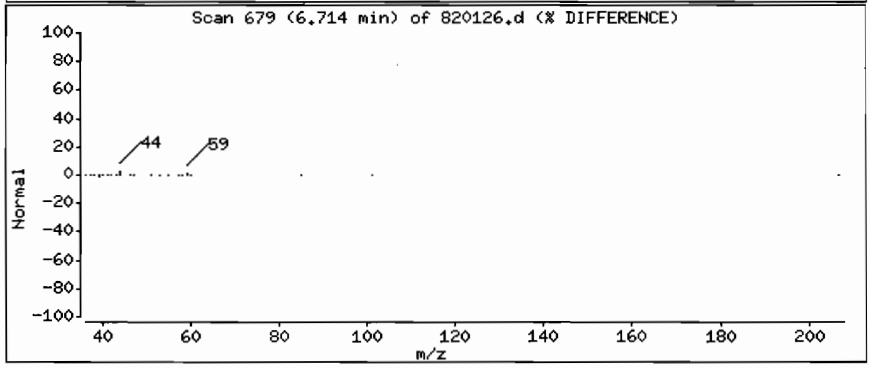












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

Client ID: CE-VAPOR-6

Instrument: F.i

Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

Purge Volume: 200.0

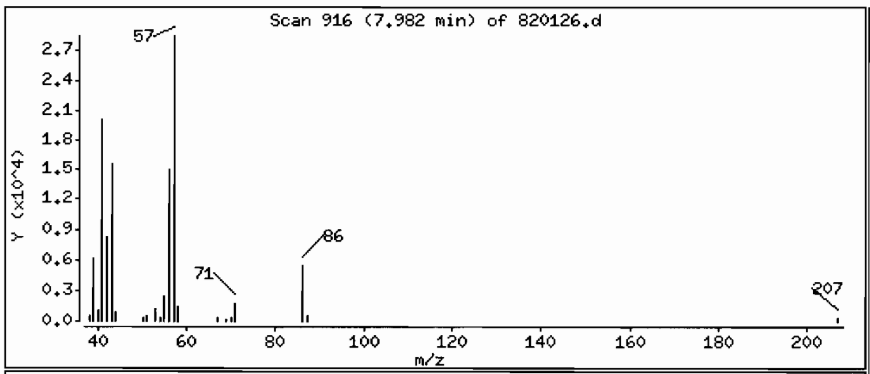
Operator: wrd

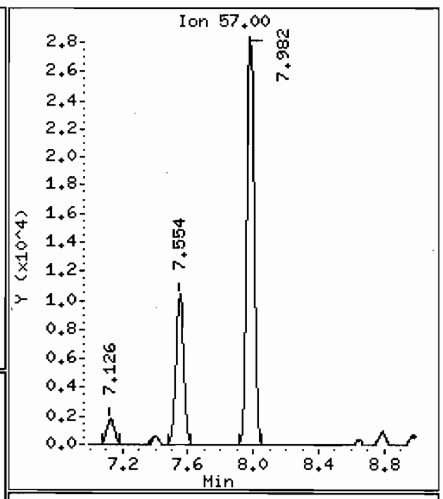
Column phase: RTX-624

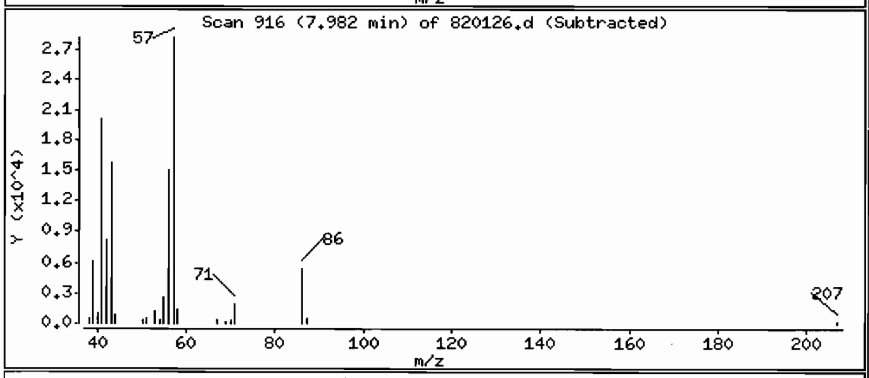
Column diameter: 0.32

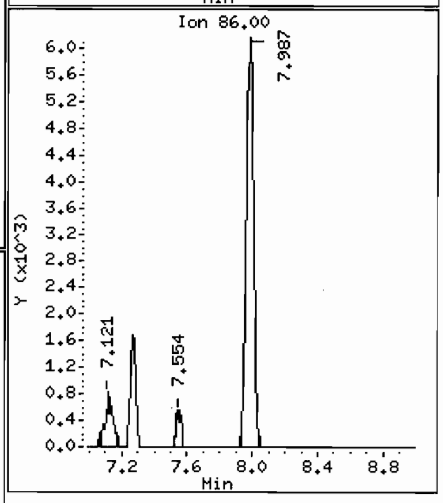
30 n-Hexane

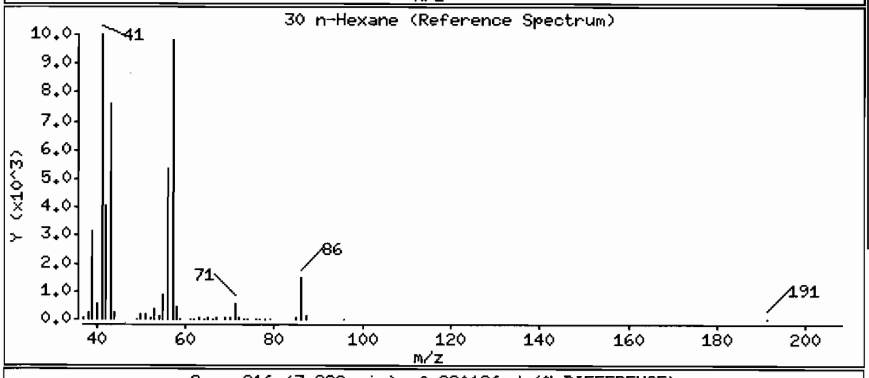
Concentration: 2.8 ppbv

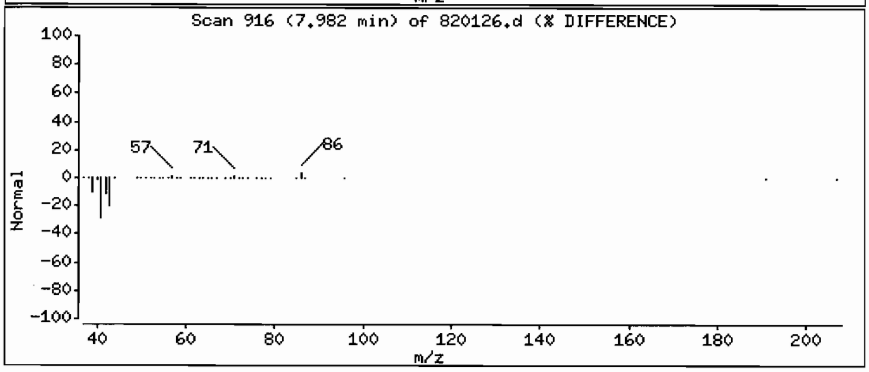












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

Client ID: CE-VAPOR-6

Instrument: F.i

Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

Purge Volume: 200.0

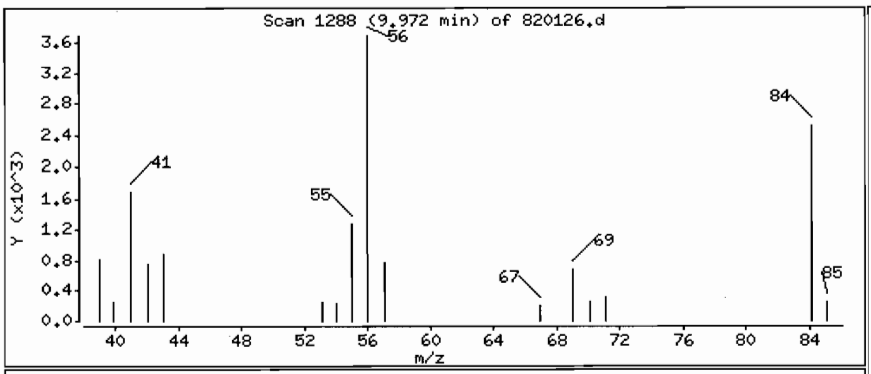
Operator: wrd

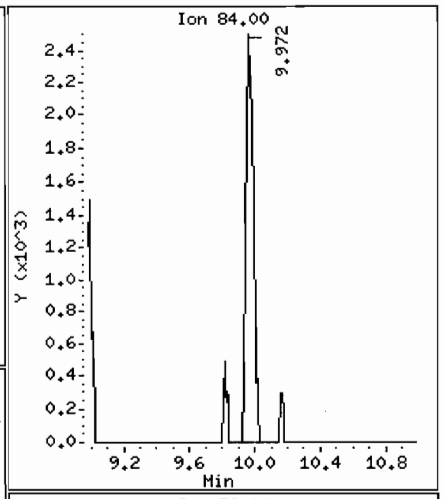
Column phase: RTX-624

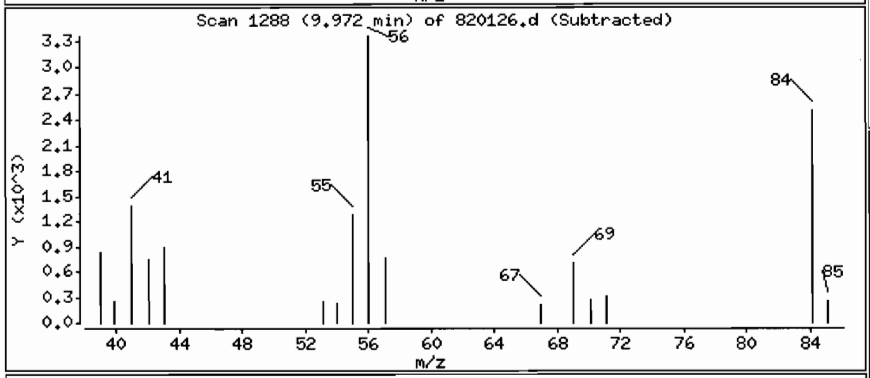
Column diameter: 0.32

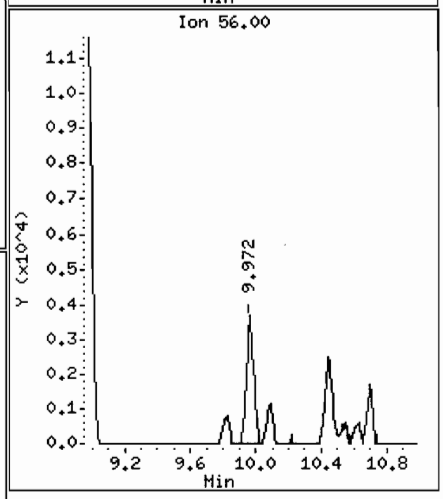
40 Cyclohexane

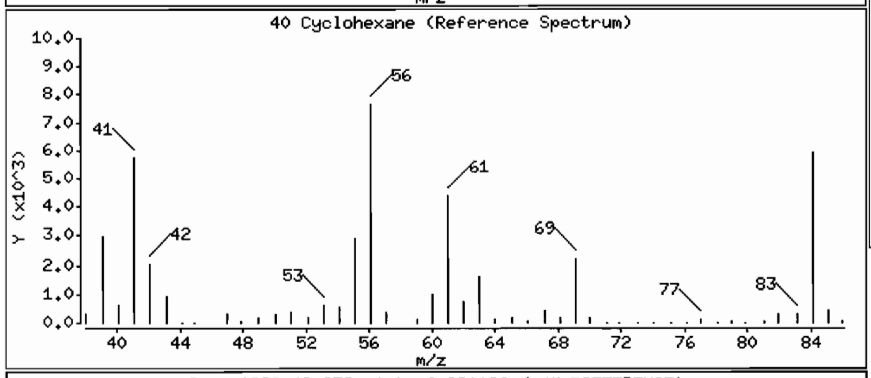
Concentration: 0.27 ppbv

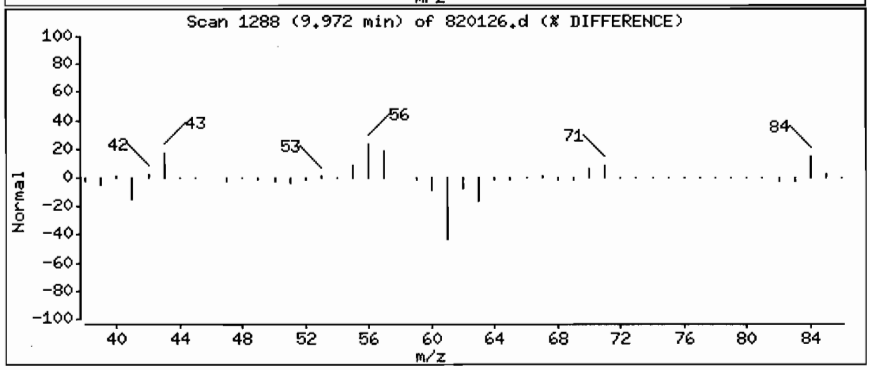












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

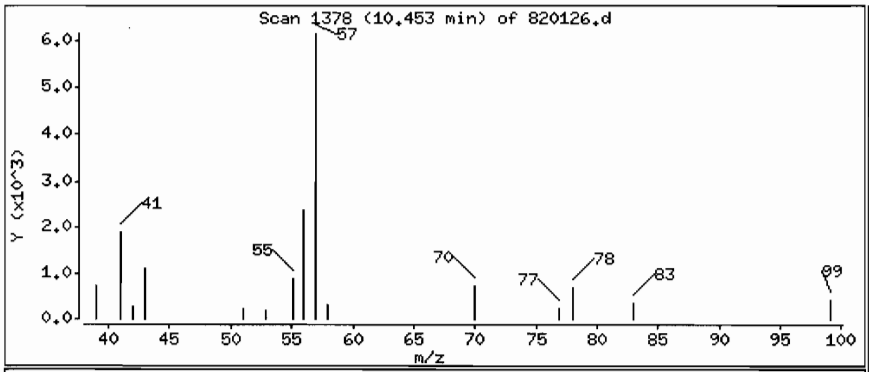
Client ID: CE-VAPOR-6 Instrument: F.i

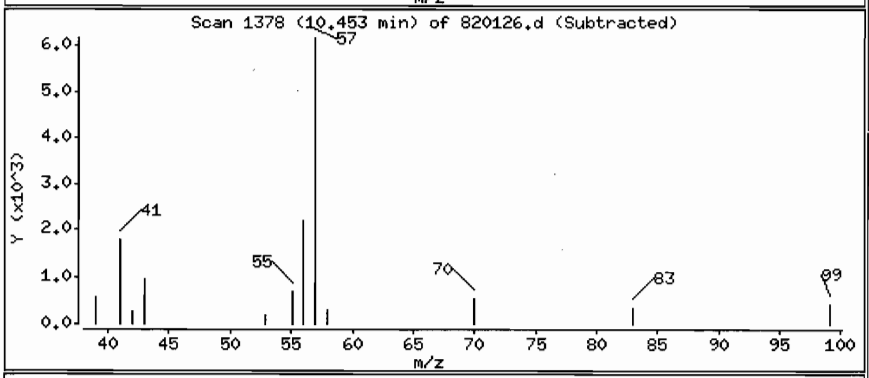
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

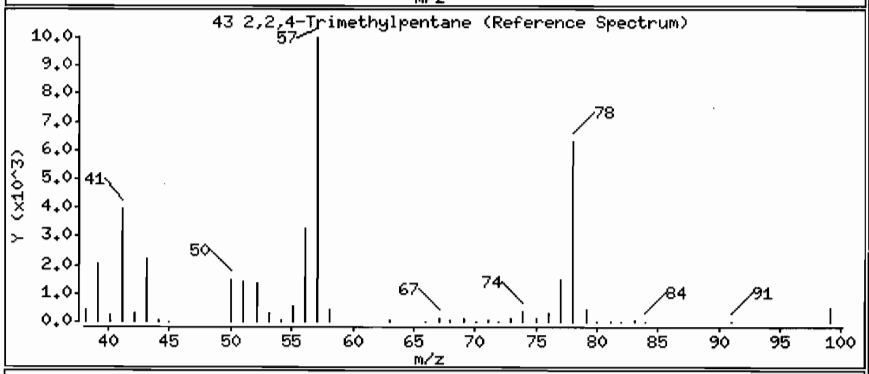
Purge Volume: 200.0 Operator: wrd

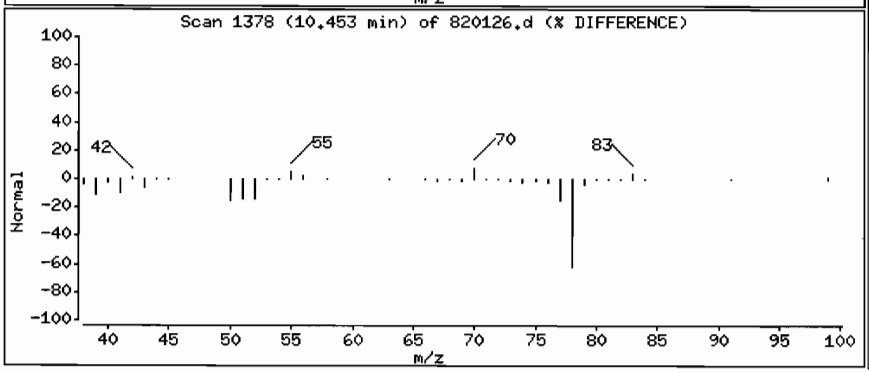
Column phase: RTX-624 Column diameter: 0.32

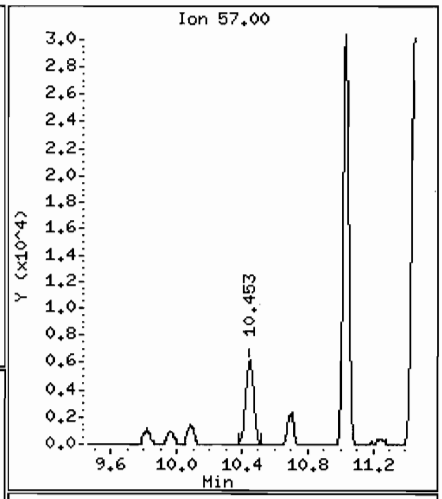
43 2,2,4-Trimethylpentane Concentration: 0.23 ppbv

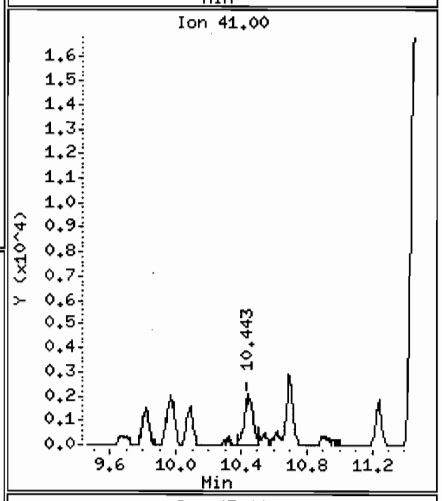


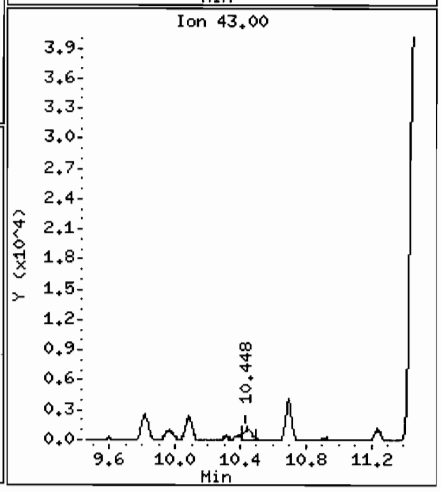












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

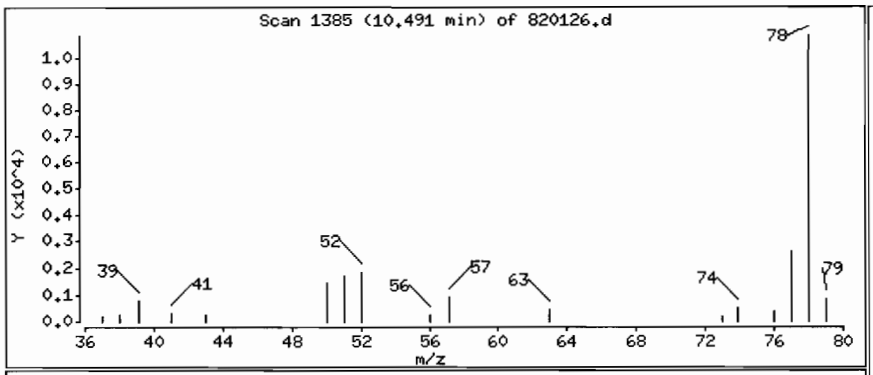
Client ID: CE-VAPOR-6 Instrument: F.i

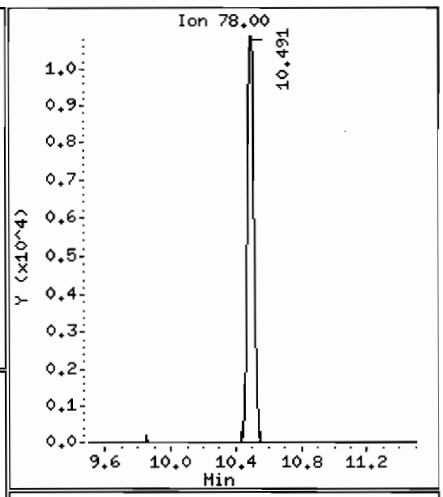
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

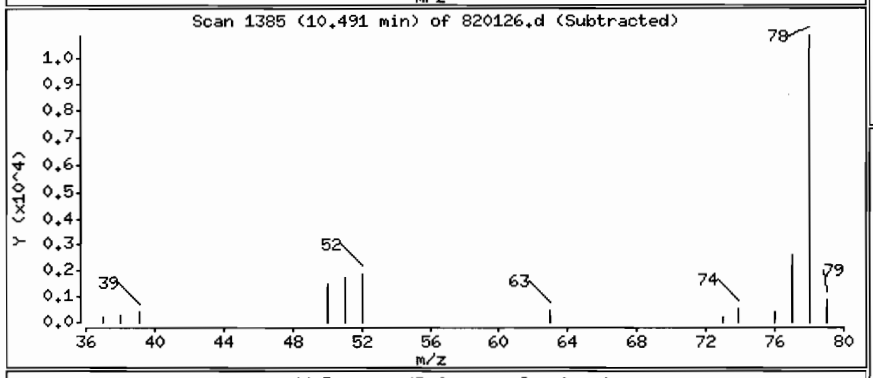
Purge Volume: 200.0 Operator: wrd

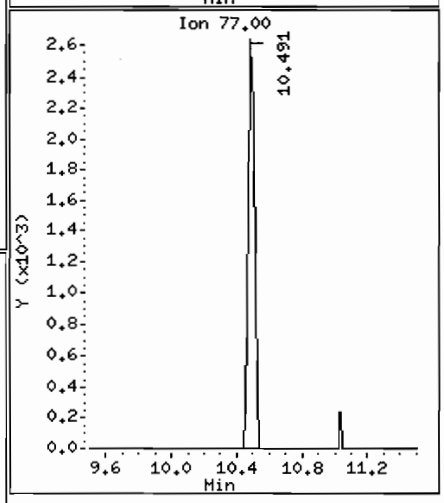
Column phase: RTX-624 Column diameter: 0.32

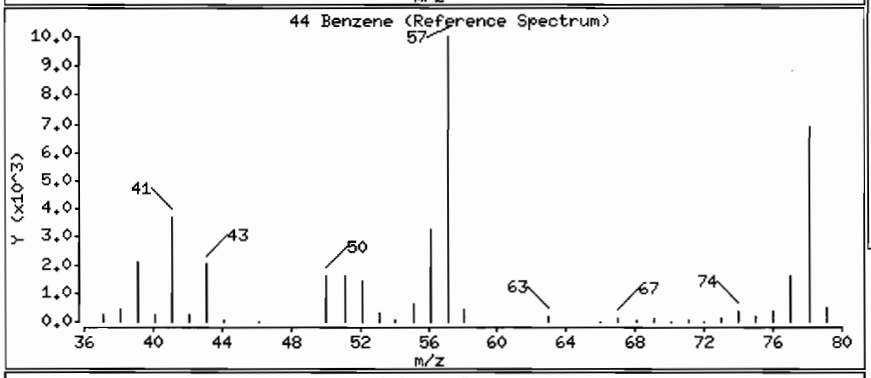
44 Benzene Concentration: 0.43 ppbv

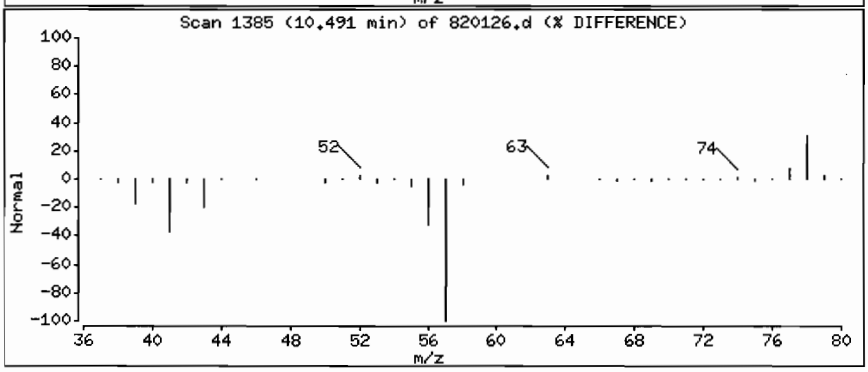












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

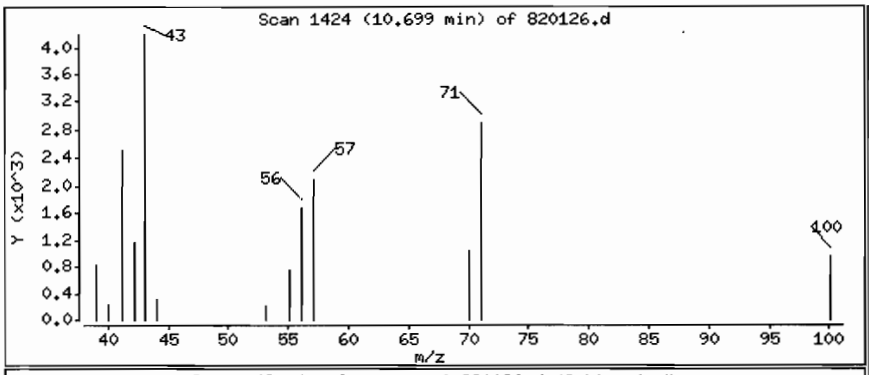
Client ID: CE-VAPOR-6 Instrument: F.i

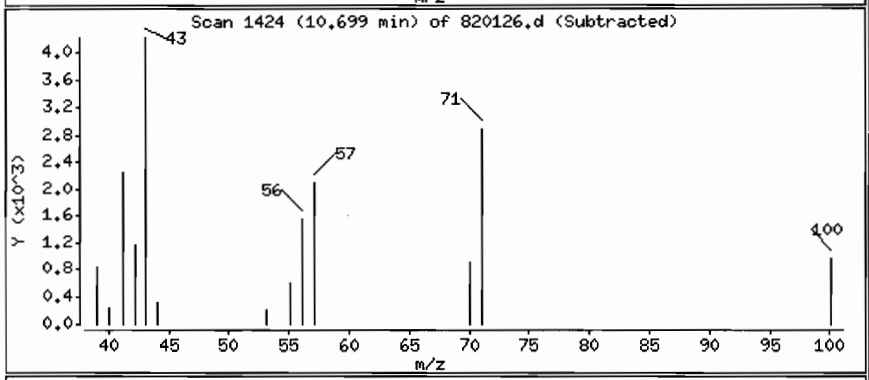
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

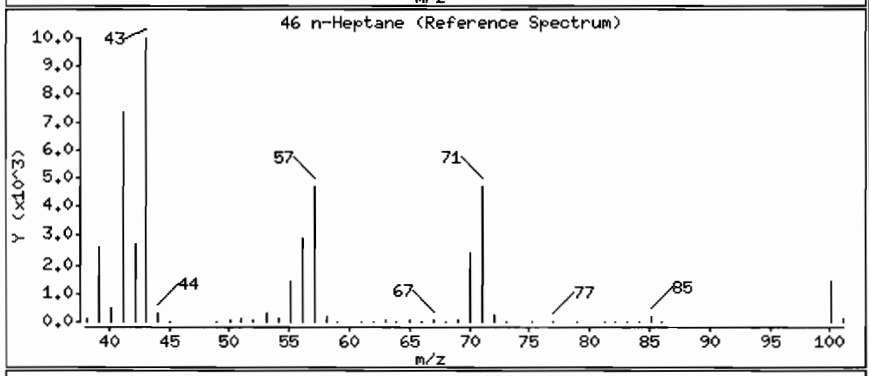
Purge Volume: 200.0 Operator: wrd

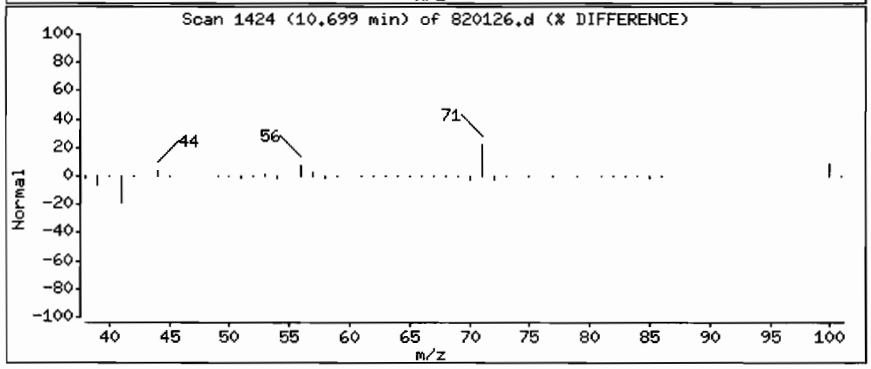
Column phase: RTX-624 Column diameter: 0.32

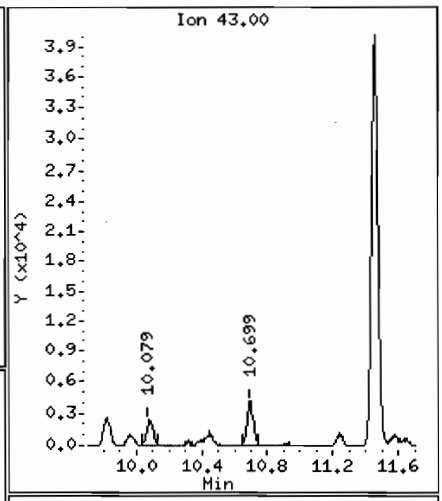
46 n-Heptane Concentration: 0.35 ppbv

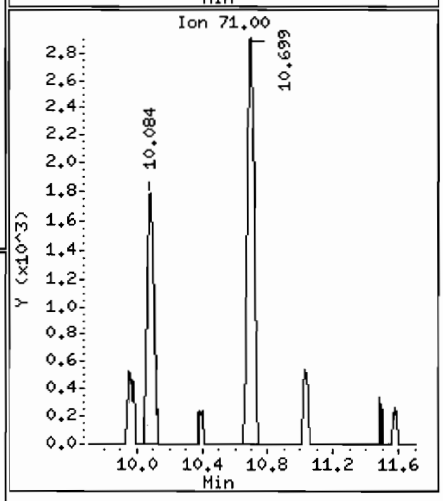












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

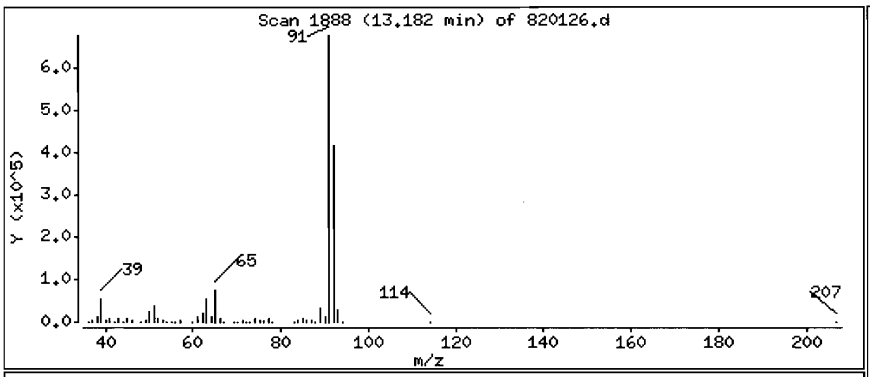
Client ID: CE-VAPOR-6 Instrument: F.i

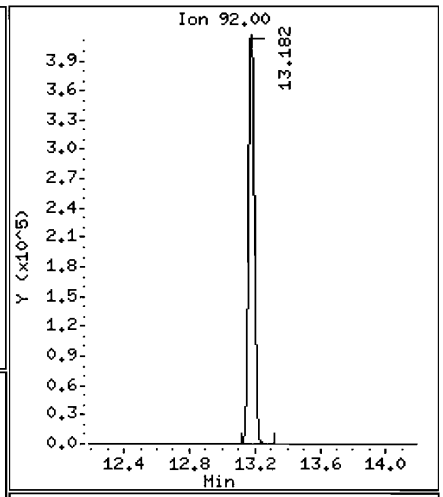
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

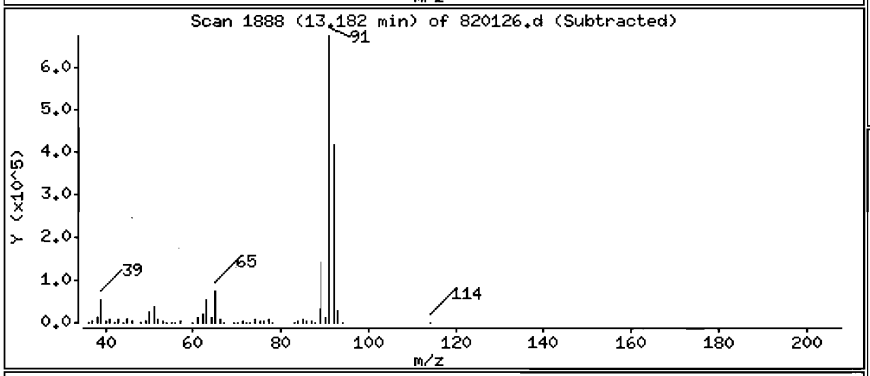
Purge Volume: 200.0 Operator: wrd

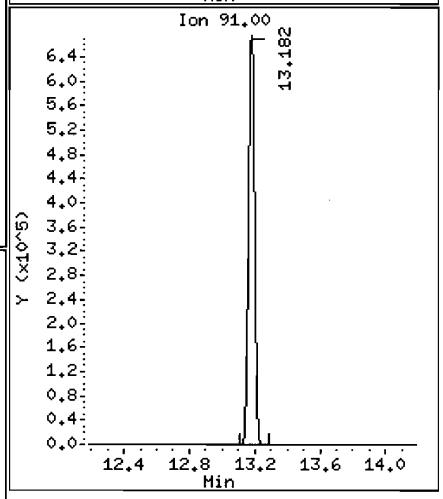
Column phase: RTX-624 Column diameter: 0.32

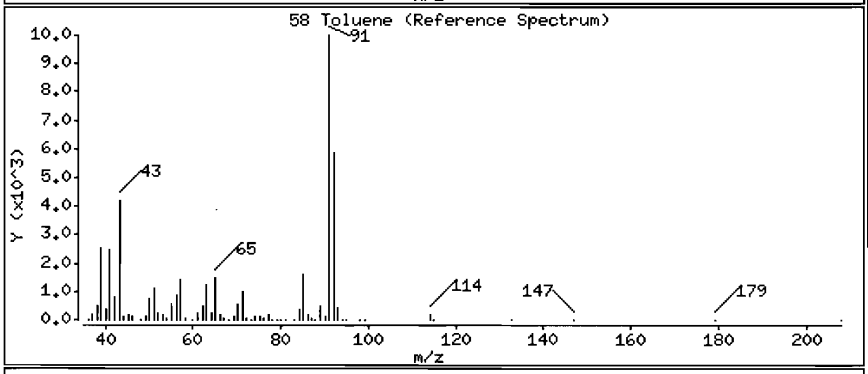
58 Toluene Concentration: 18 ppbv

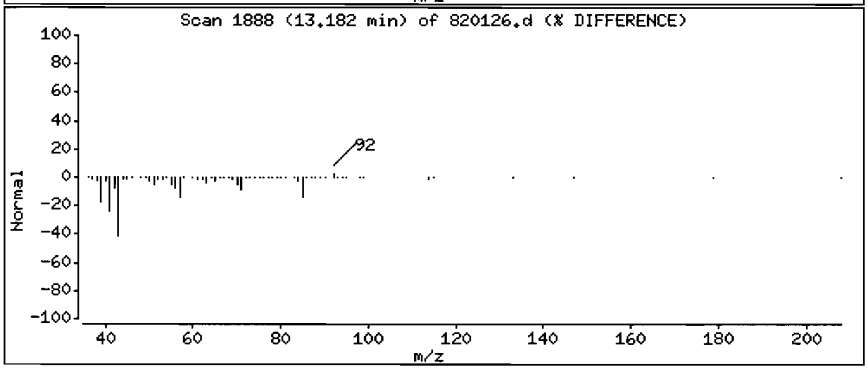












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

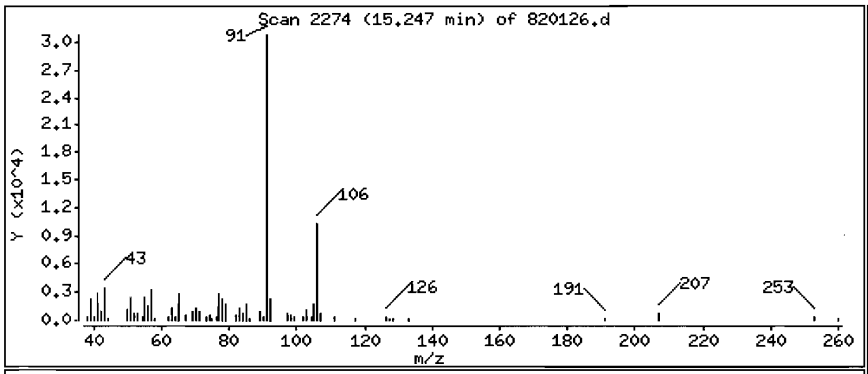
Client ID: CE-VAPOR-6 Instrument: F.i

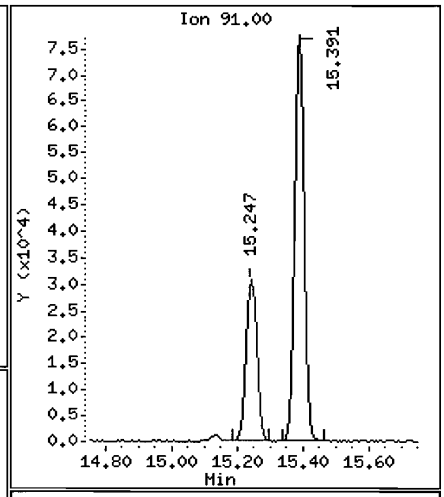
Sample Info: CE-VAPOR-6 :[J02/08/10 @1545(AIR)

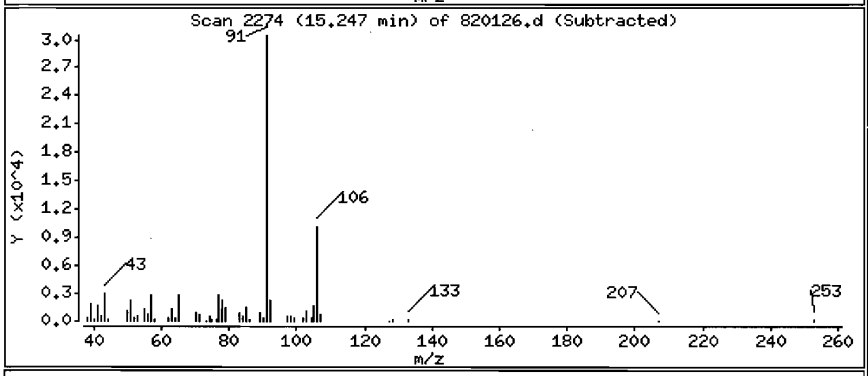
Purge Volume: 200.0 Operator: wrd

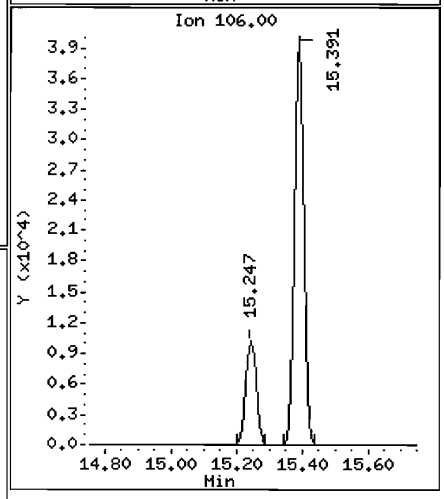
Column phase: RTX-624 Column diameter: 0.32

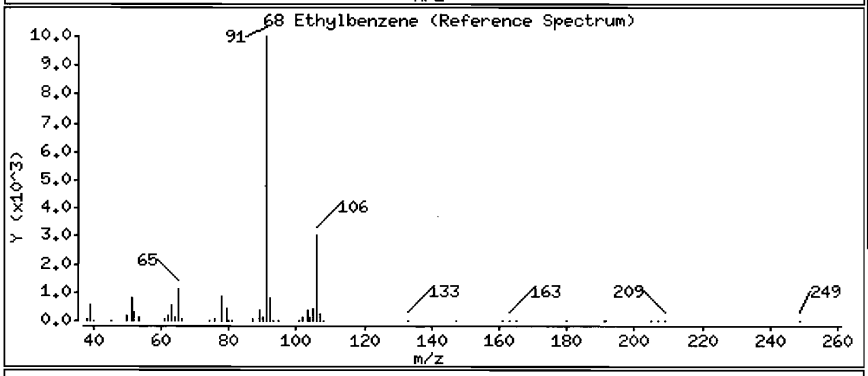
68 Ethylbenzene Concentration: 0.53 ppbv

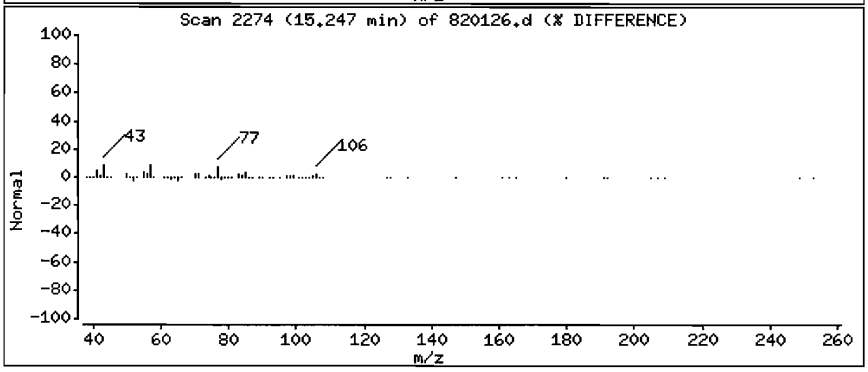












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

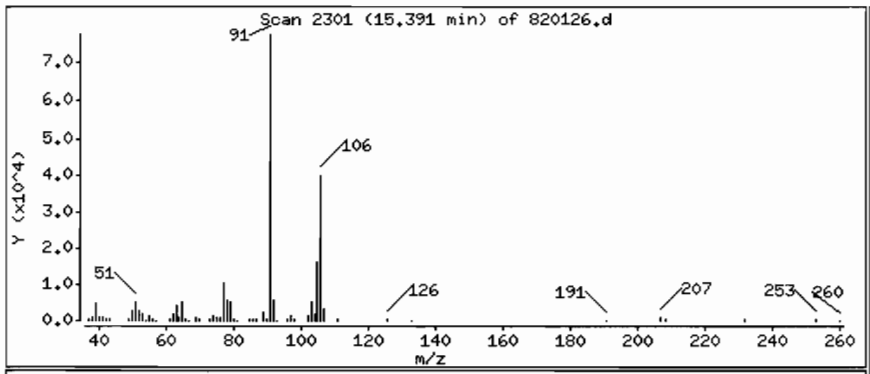
Client ID: CE-VAPOR-6 Instrument: F.i

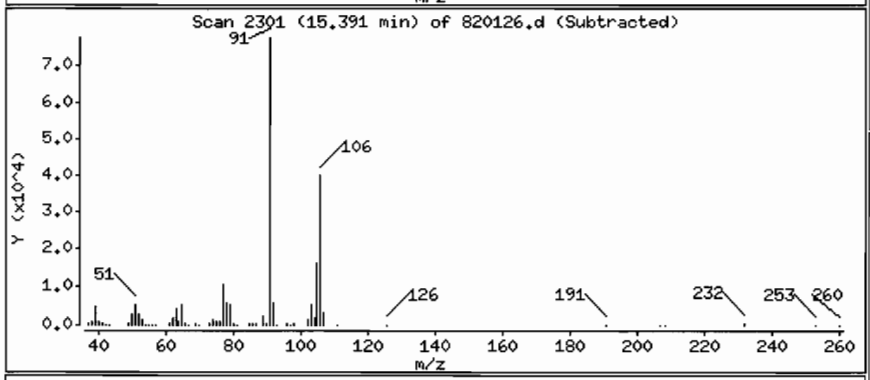
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

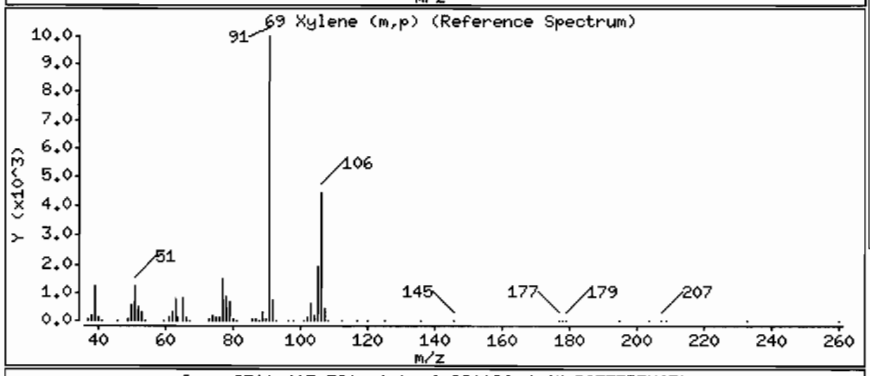
Purge Volume: 200.0 Operator: wrd

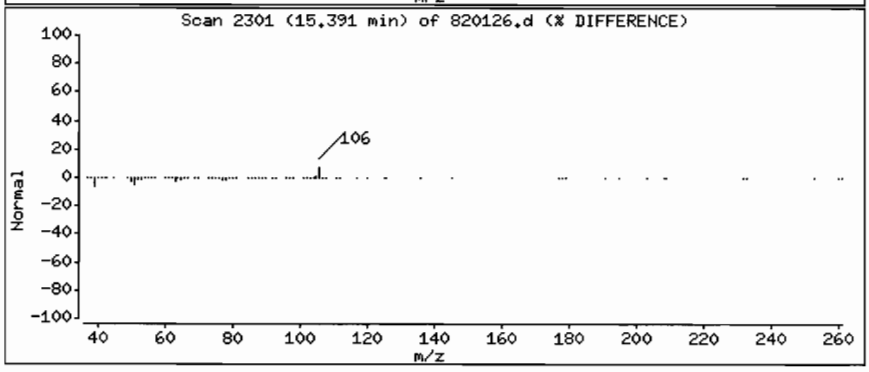
Column phase: RTX-624 Column diameter: 0.32

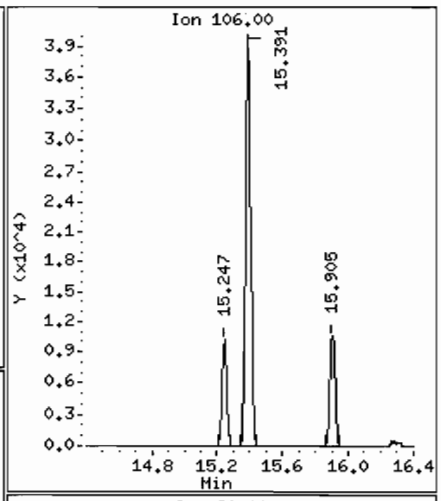
69 Xylene (m,p) Concentration: 1.7 ppbv

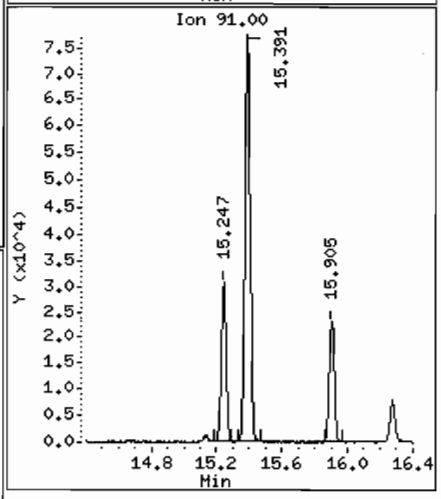












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

Client ID: CE-VAPOR-6

Instrument: F.i

Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

Purge Volume: 200.0

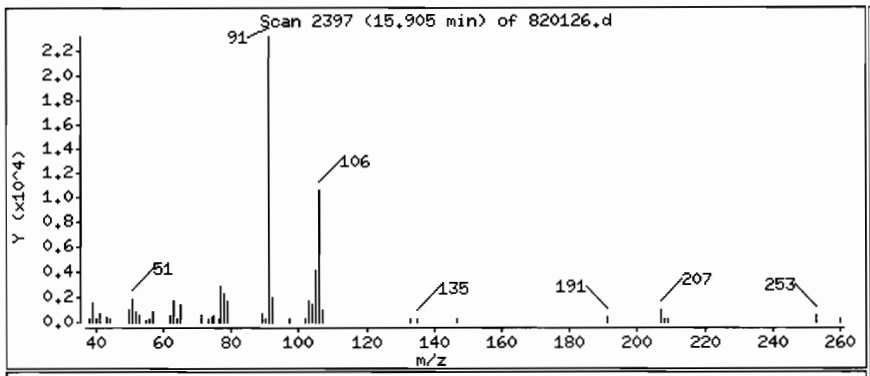
Operator: wrd

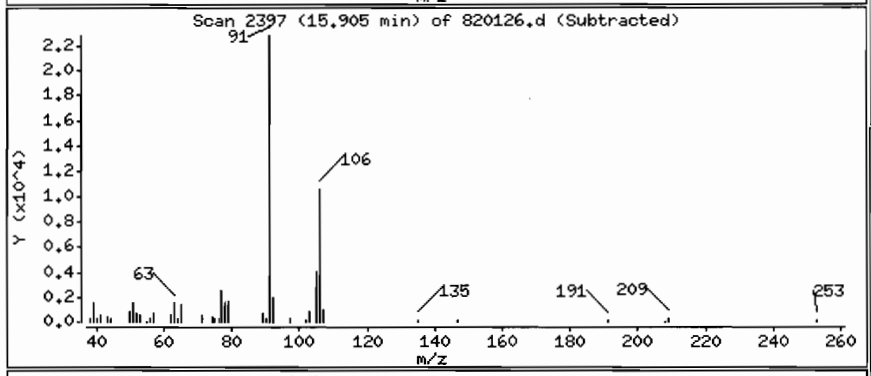
Column phase: RTX-624

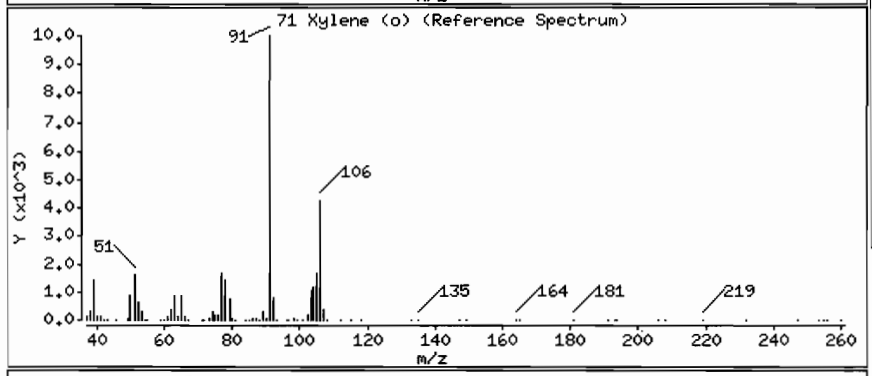
Column diameter: 0.32

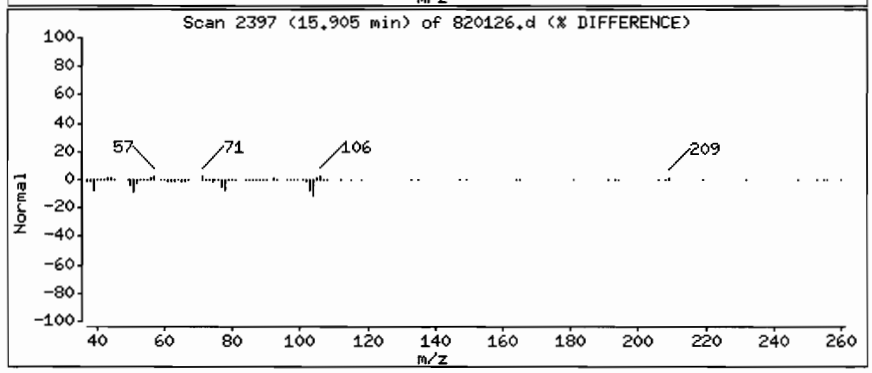
71 Xylene (o)

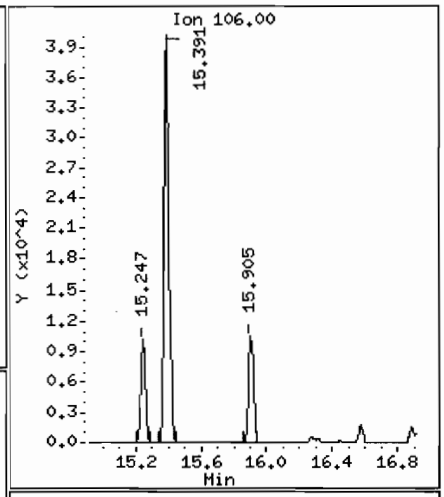
Concentration: 0.45 ppbv

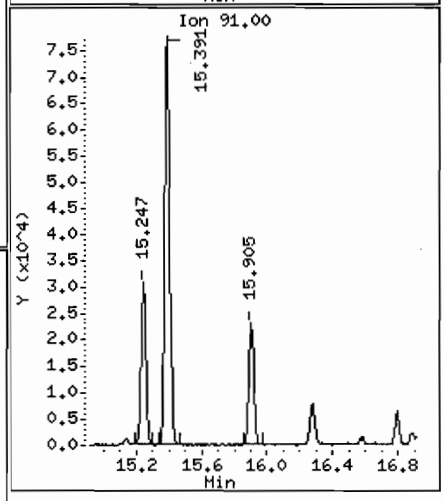












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

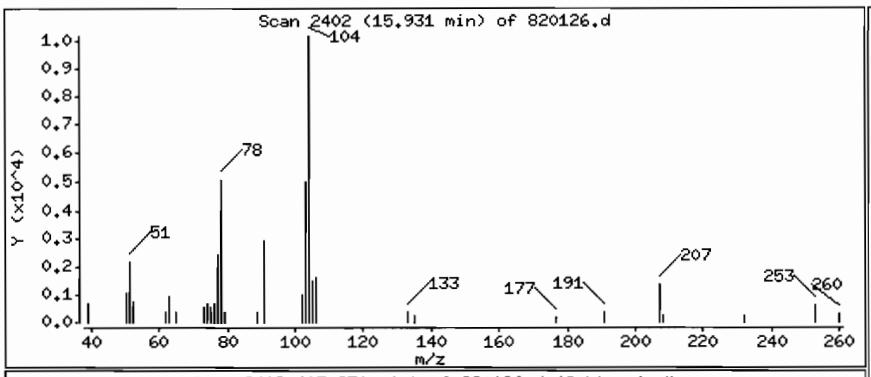
Client ID: CE-VAPOR-6 Instrument: F.i

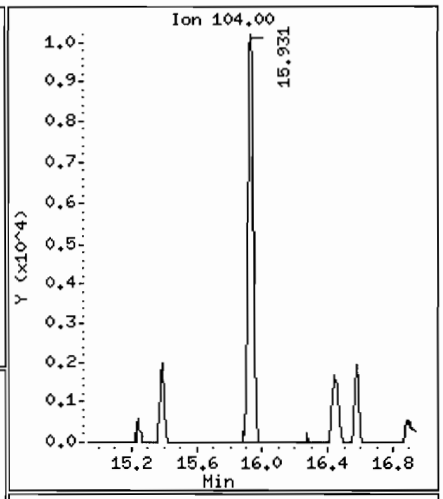
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

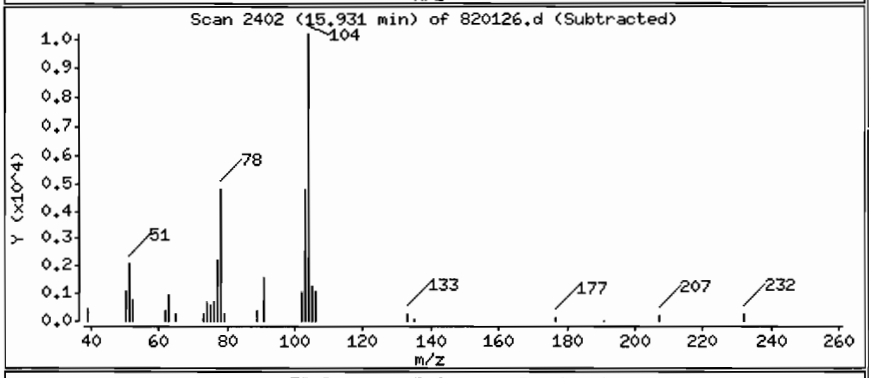
Purge Volume: 200.0 Operator: wrd

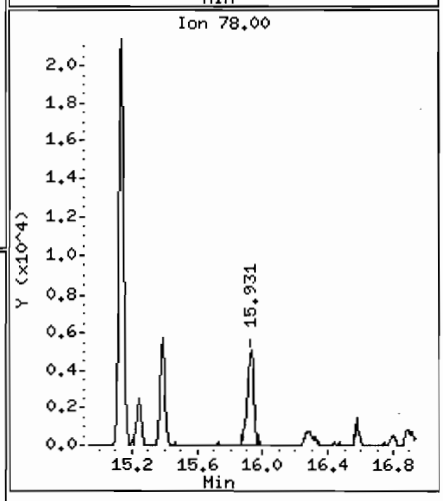
Column phase: RTX-624 Column diameter: 0.32

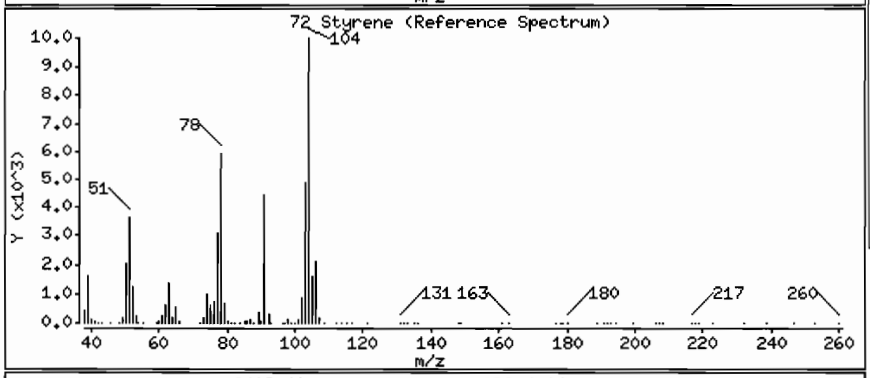
72 Styrene Concentration: 0.30 ppbv

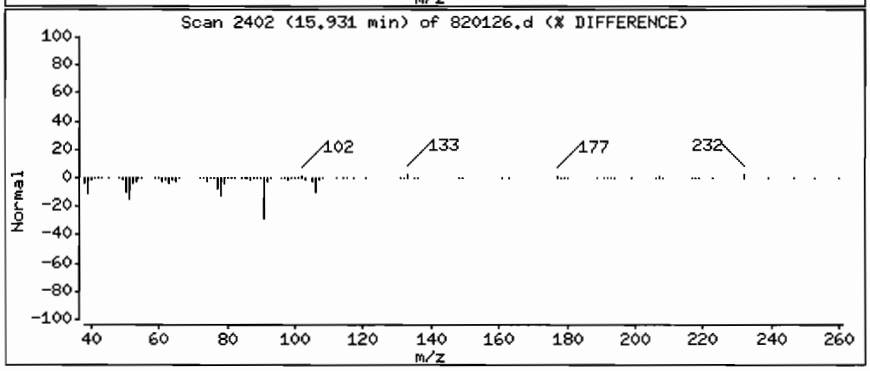












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

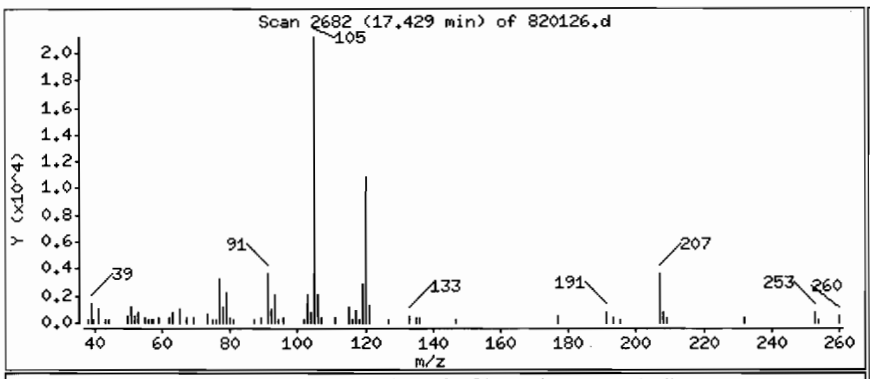
Client ID: CE-VAPOR-6 Instrument: F.i

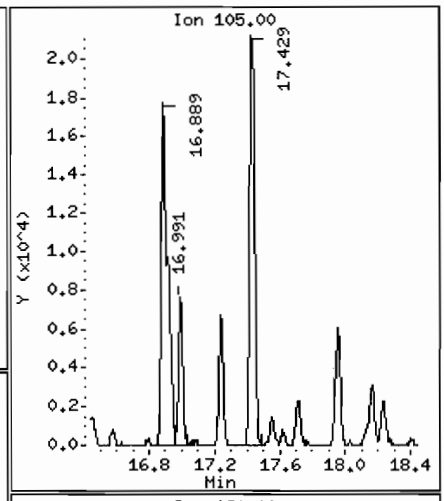
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

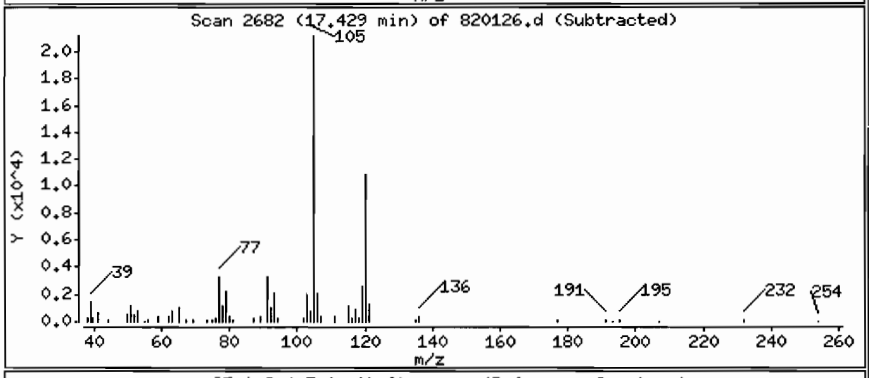
Purge Volume: 200.0 Operator: wrd

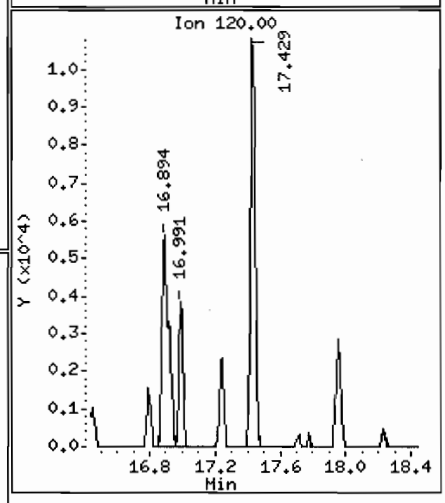
Column phase: RTX-624 Column diameter: 0.32

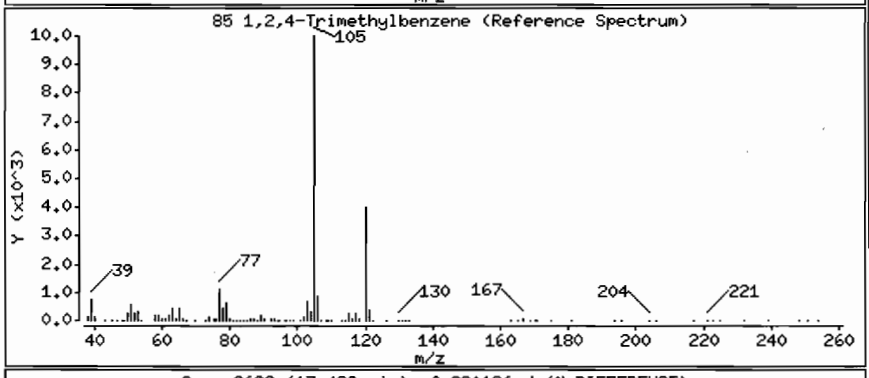
85 1,2,4-Trimethylbenzene Concentration: 0.32 ppbv

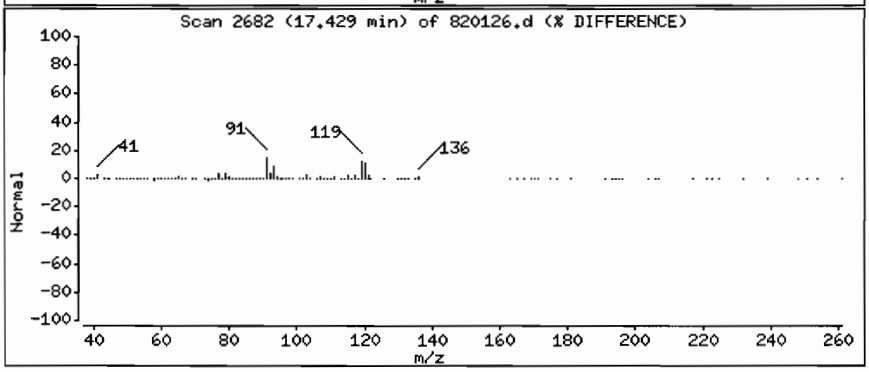












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

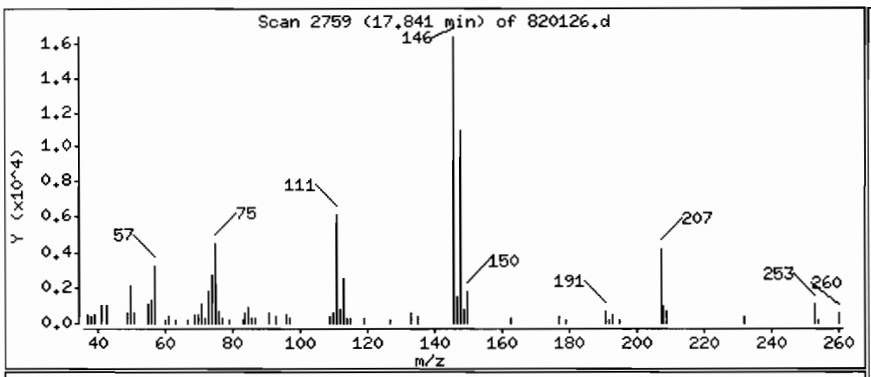
Client ID: CE-VAPOR-6 Instrument: F.i

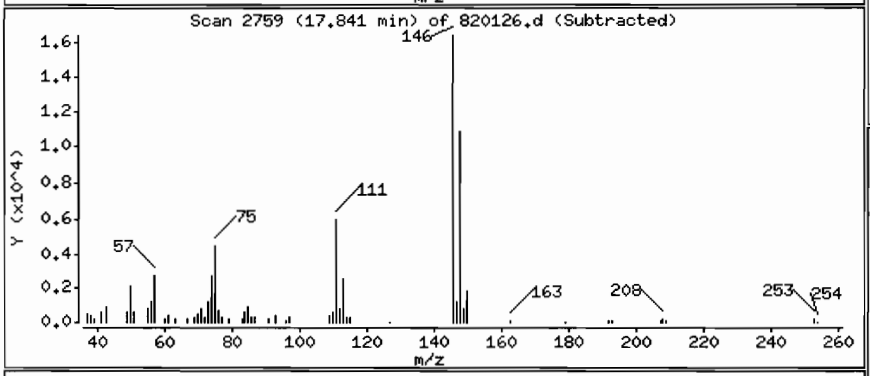
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

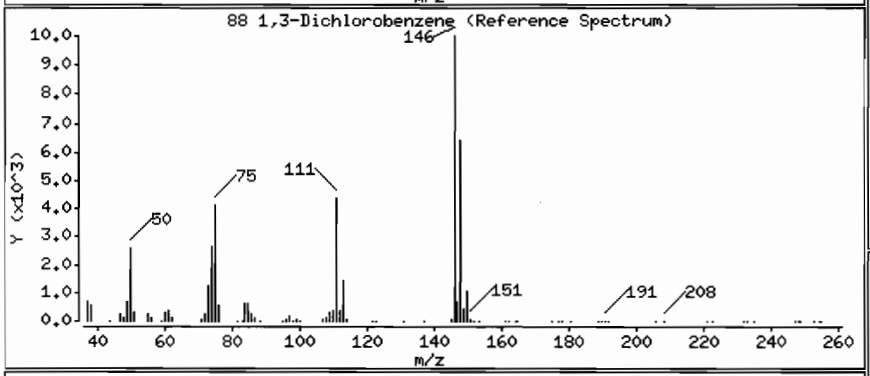
Purge Volume: 200.0 Operator: wrd

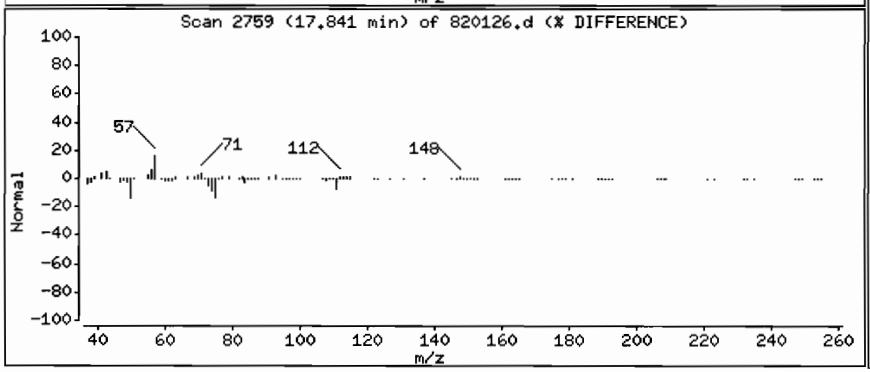
Column phase: RTX-624 Column diameter: 0.32

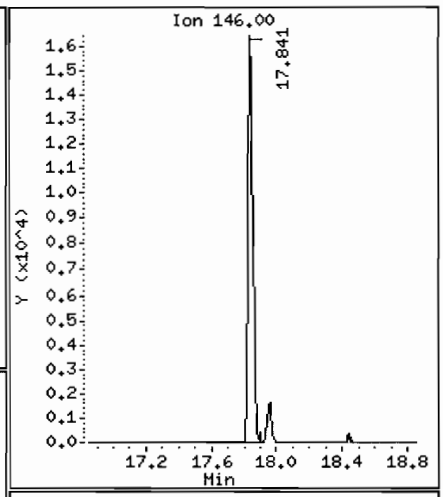
88 1,3-Dichlorobenzene Concentration: 0.34 ppbv

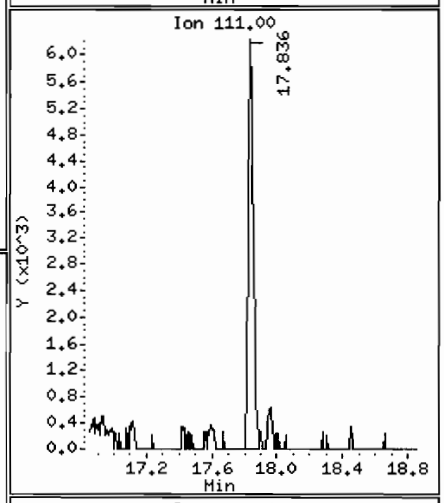


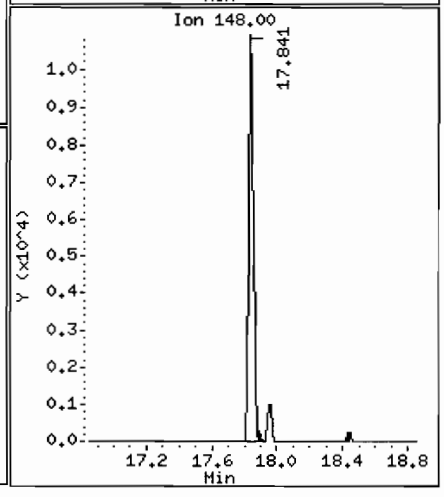












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820127

Sample wt/vol: 44.00 (g/mL) ML Lab File ID: 820127D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.5

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	2.3	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.91	U
74-87-3	Chloromethane	2.3	U
75-01-4	Vinyl Chloride	0.91	U
106-99-0	1,3-Butadiene	2.3	U
74-83-9	Bromomethane	0.91	U
75-00-3	Chloroethane	2.3	U
593-60-2	Bromoethene	0.91	U
75-69-4	Trichlorofluoromethane	0.91	U
76-13-1	Freon TF	0.91	U
75-35-4	1,1-Dichloroethene	0.91	U
67-64-1	Acetone	23	U
67-63-0	Isopropyl Alcohol	31	
75-15-0	Carbon disulfide	3.0	
107-05-1	3-Chloropropene	2.3	U
75-09-2	Methylene chloride	2.3	U
75-65-0	tert-Butyl Alcohol	23	U
1634-04-4	Methyl tert-Butyl Ether	2.3	U
156-60-5	trans-1,2-Dichloroethene	0.91	U
110-54-3	n-Hexane	2.3	U
75-34-3	1,1-Dichloroethane	0.91	U
78-93-3	Methyl Ethyl Ketone	13	
156-59-2	cis-1,2-Dichloroethene	0.91	U
540-59-0	1,2-Dichloroethene,Total	0.91	U
67-66-3	Chloroform	0.91	U
109-99-9	Tetrahydrofuran	23	
71-55-6	1,1,1-Trichloroethane	0.91	U
110-82-7	Cyclohexane	0.91	U
56-23-5	Carbon tetrachloride	0.91	U
540-84-1	2,2,4-Trimethylpentane	0.91	U
71-43-2	Benzene	1.6	
107-06-2	1,2-Dichloroethane	0.91	U
142-82-5	n-Heptane	0.91	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820127

Sample wt/vol: 44.00 (g/mL) ML Lab File ID: 820127D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.5

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.91	U
78-87-5	1,2-Dichloropropane	0.91	U
123-91-1	1,4-Dioxane	23	U
75-27-4	Bromodichloromethane	0.91	U
10061-01-5	cis-1,3-Dichloropropene	0.91	U
108-10-1	Methyl Isobutyl Ketone	2.3	U
108-88-3	Toluene	8.5	
10061-02-6	trans-1,3-Dichloropropene	0.91	U
79-00-5	1,1,2-Trichloroethane	0.91	U
127-18-4	Tetrachloroethene	0.91	U
591-78-6	Methyl Butyl Ketone	2.3	U
124-48-1	Dibromochloromethane	0.91	U
106-93-4	1,2-Dibromoethane	0.91	U
108-90-7	Chlorobenzene	0.91	U
100-41-4	Ethylbenzene	1.1	
1330-20-7	Xylene (m,p)	3.1	
95-47-6	Xylene (o)	1.7	
1330-20-7	Xylenes, Total	4.8	
100-42-5	Styrene	120	
75-25-2	Bromoform	0.91	U
79-34-5	1,1,2,2-Tetrachloroethane	0.91	U
622-96-8	4-Ethyltoluene	0.91	U
108-67-8	1,3,5-Trimethylbenzene	0.91	U
95-49-8	2-Chlorotoluene	0.91	U
95-63-6	1,2,4-Trimethylbenzene	1.0	
541-73-1	1,3-Dichlorobenzene	2.6	
106-46-7	1,4-Dichlorobenzene	0.91	U
95-50-1	1,2-Dichlorobenzene	0.91	U
120-82-1	1,2,4-Trichlorobenzene	2.3	U
87-68-3	Hexachlorobutadiene	0.91	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Page 4

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

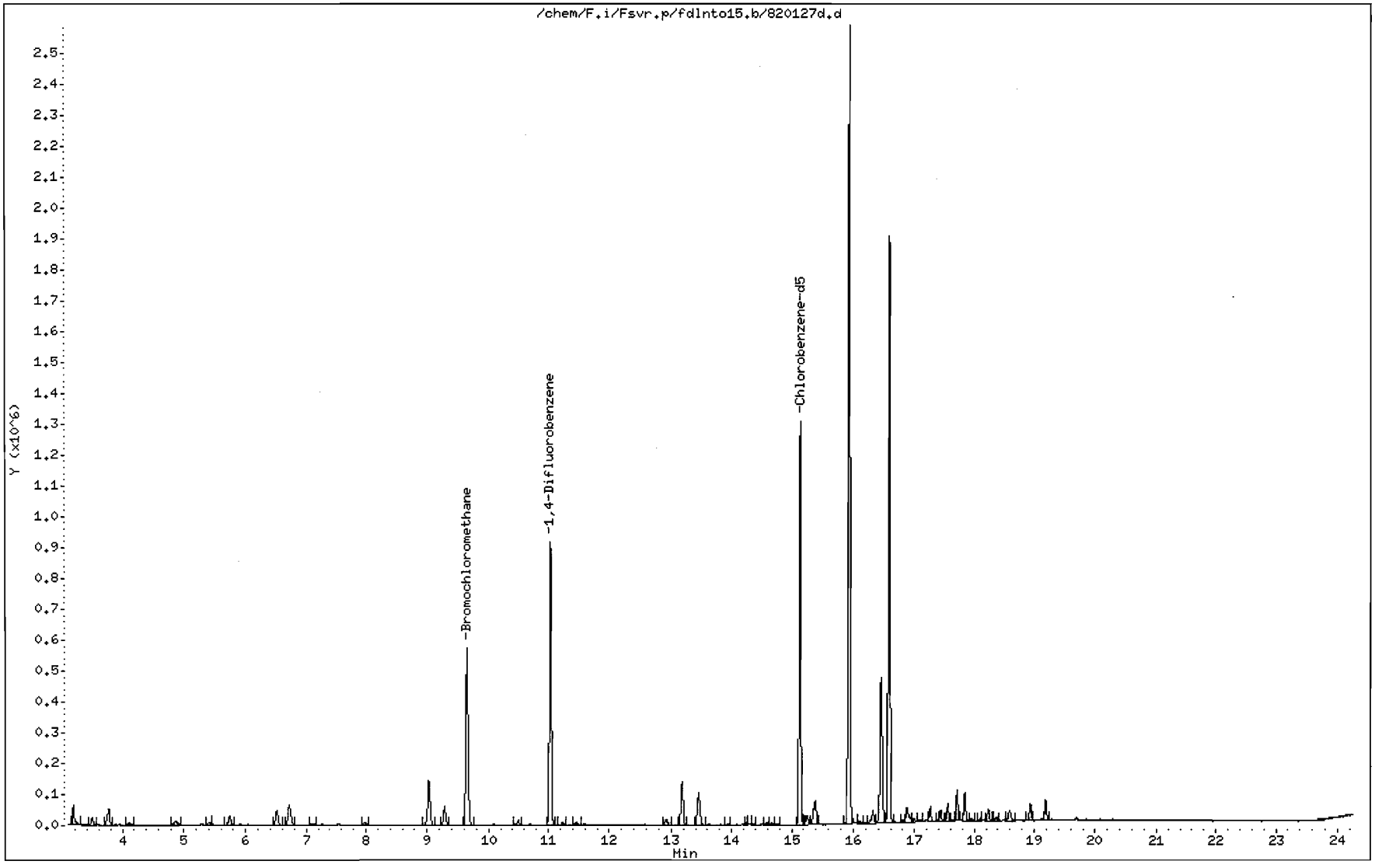
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d
Lab Smp Id: 820127 Client Smp ID: CE-VAPOR-7
Inj Date : 17-FEB-2010 09:14
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)
Misc Info : 820127;021610FA;4.55;44
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 1
Dil Factor: 4.55000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	4.55000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	44.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	113359	6.72217	31
21 Carbon disulfide	76	6.741	6.757	(0.699)	32320	0.66772	3.0
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.276	9.293	(0.962)	25029	2.83752	13(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	212371	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	9.662	9.667	(0.876)	76949	5.11943	23
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.496	10.502	(0.952)	19853	0.35630	1.6
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1022736	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	82056	1.86754	8.5
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	954972	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	22661	0.23293	1.1
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	27016	0.68024	3.1
	71 Xylene (o)	106	15.905	15.915	(1.051)	14075	0.36331	1.7(Q)
M	70 Xylenes, Total	106				41091	1.06065	4.8
	72 Styrene	104	15.931	15.937	(1.053)	1569686	27.4234	120
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.429	17.440	(1.152)	22895	0.22037	1.0
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	44224	0.56680	2.6
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

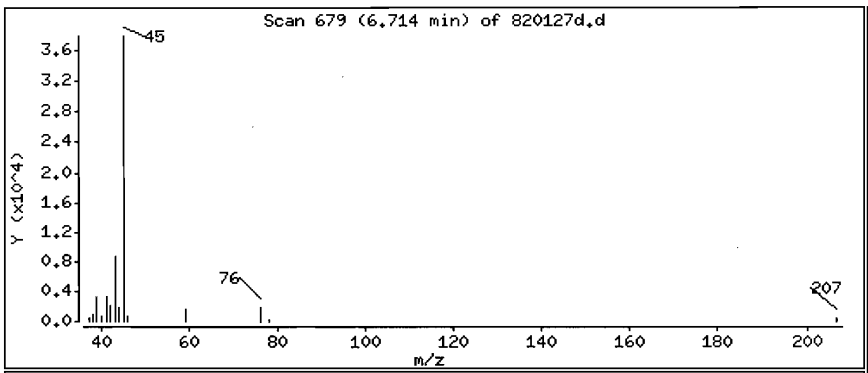
Operator: njr

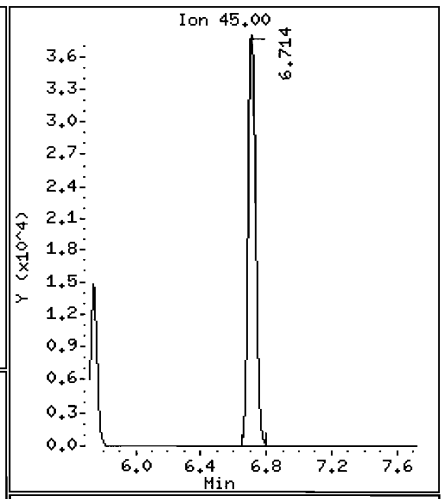
Column phase: RTX-624

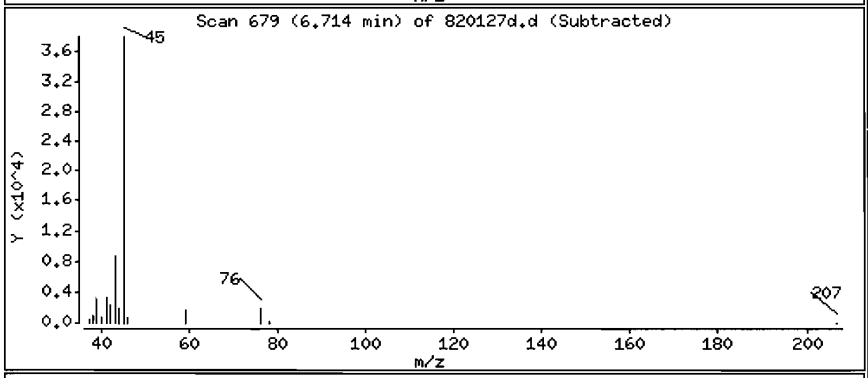
Column diameter: 0.32

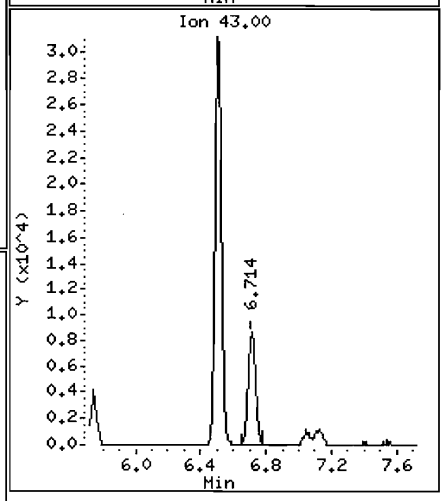
22 Isopropyl Alcohol

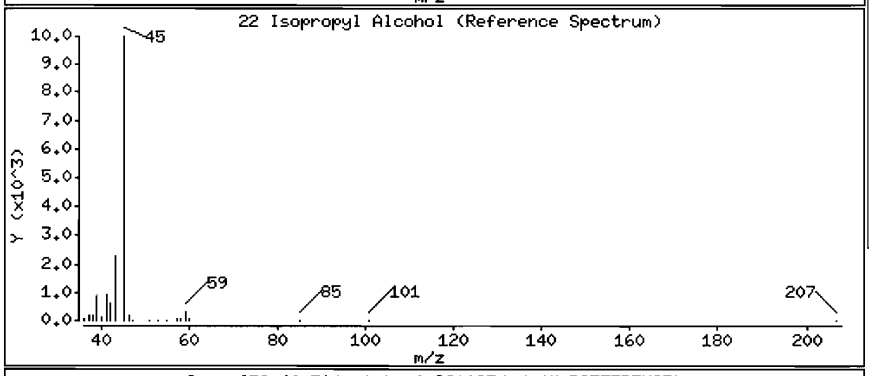
Concentration: 31 ppbv

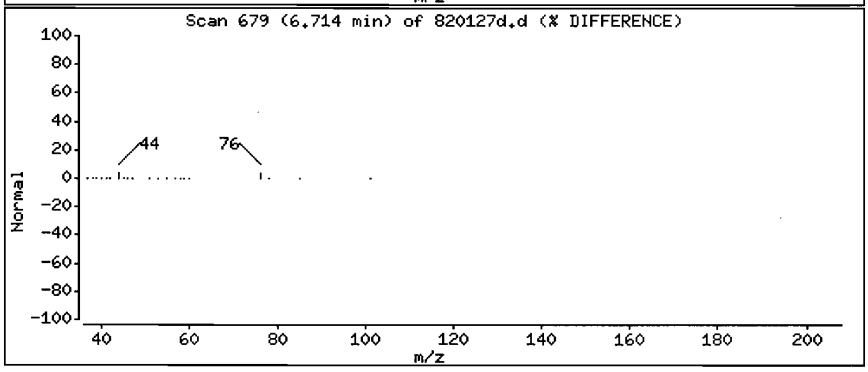












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

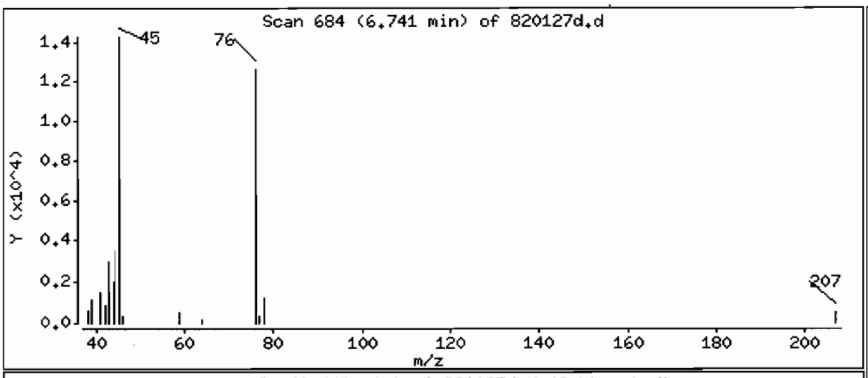
Client ID: CE-VAPOR-7 Instrument: F.i

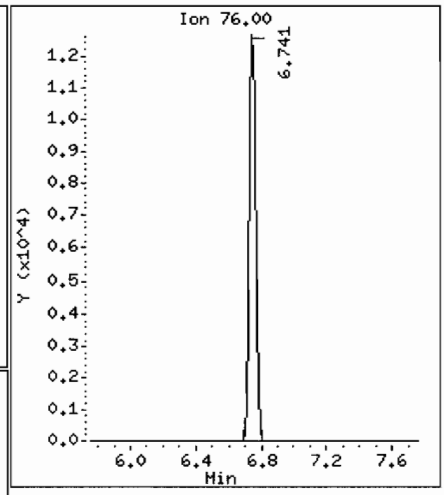
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

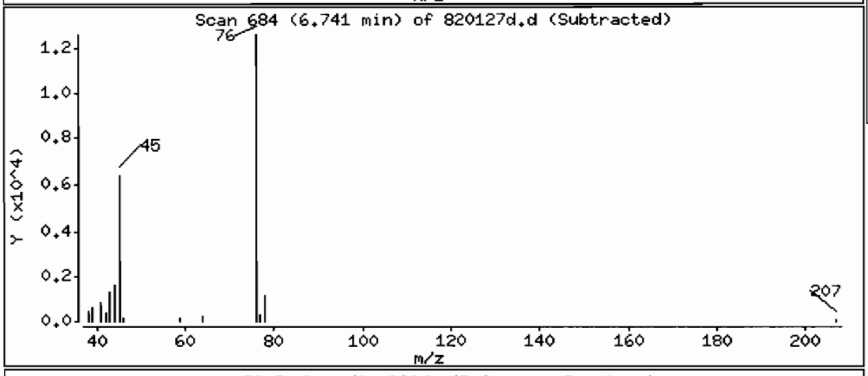
Purge Volume: 44.0 Operator: njr

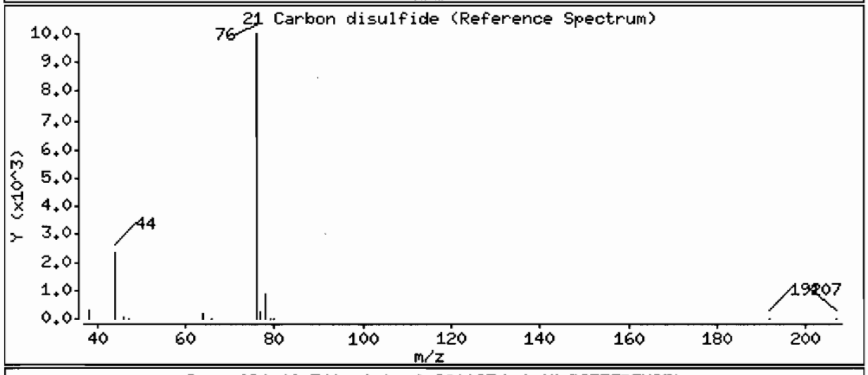
Column phase: RTX-624 Column diameter: 0.32

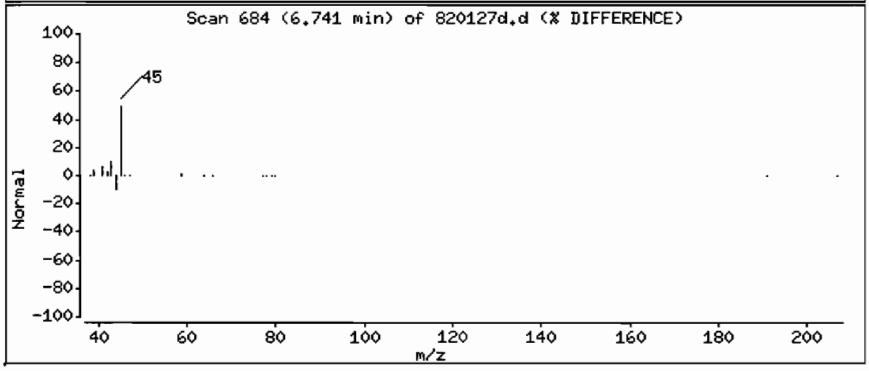
21 Carbon disulfide Concentration: 3.0 ppbv











Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

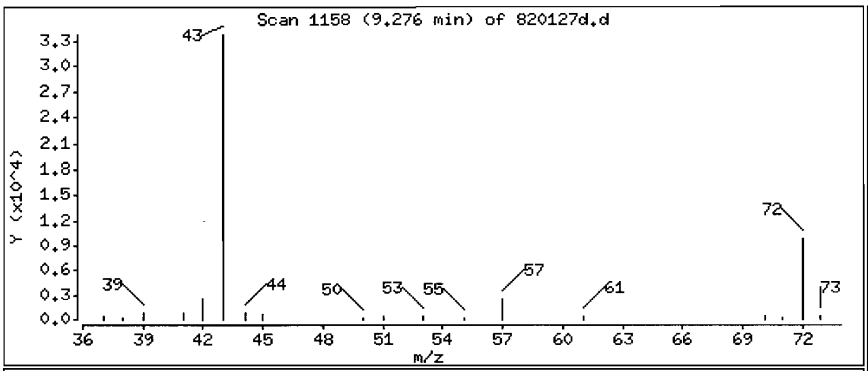
Client ID: CE-VAPOR-7 Instrument: F.i

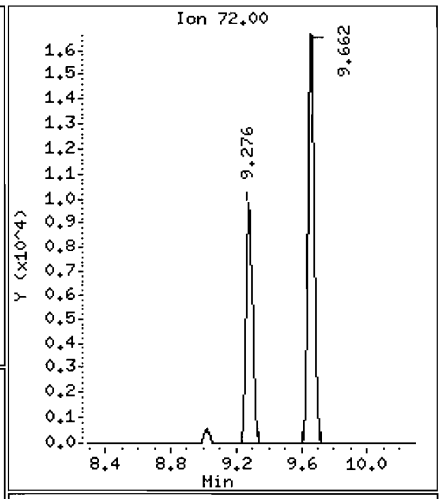
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

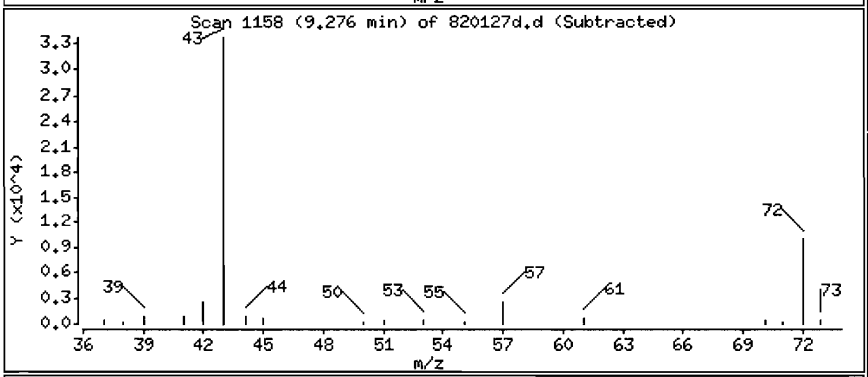
Purge Volume: 44.0 Operator: njr

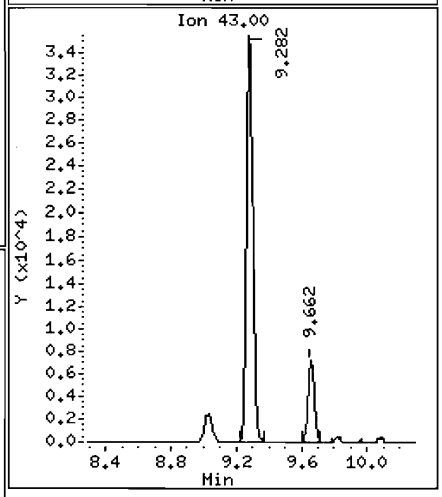
Column phase: RTX-624 Column diameter: 0.32

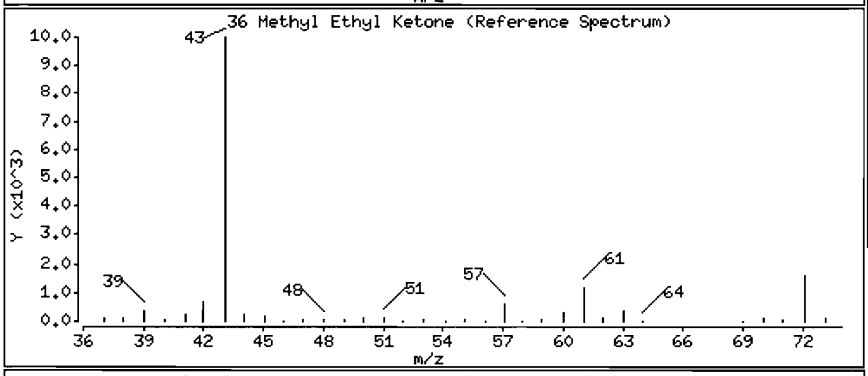
36 Methyl Ethyl Ketone Concentration: 13 ppbv

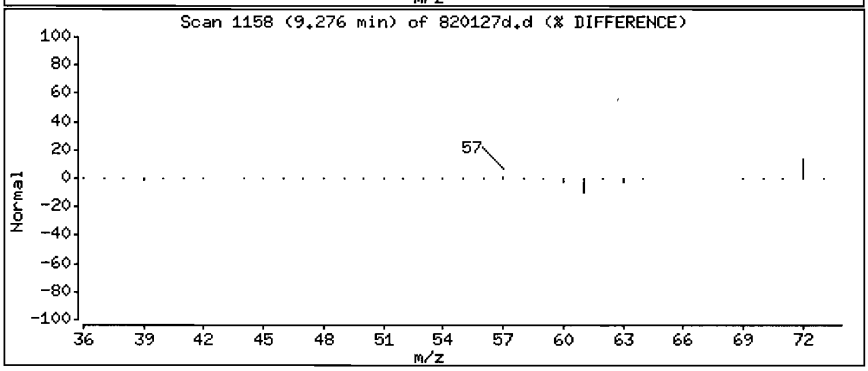












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

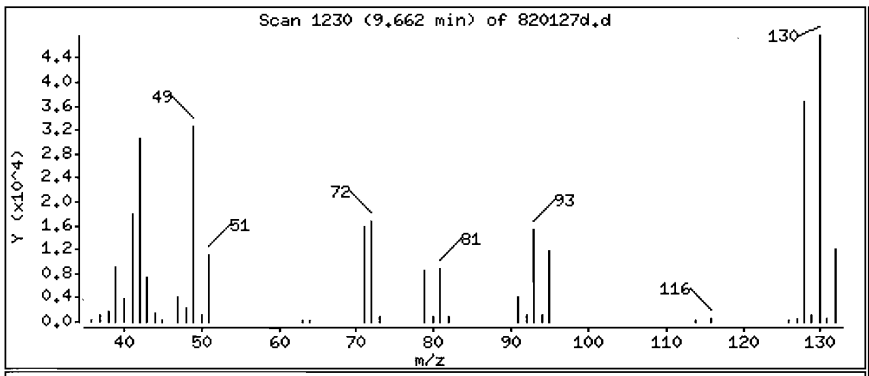
Client ID: CE-VAPOR-7 Instrument: F.i

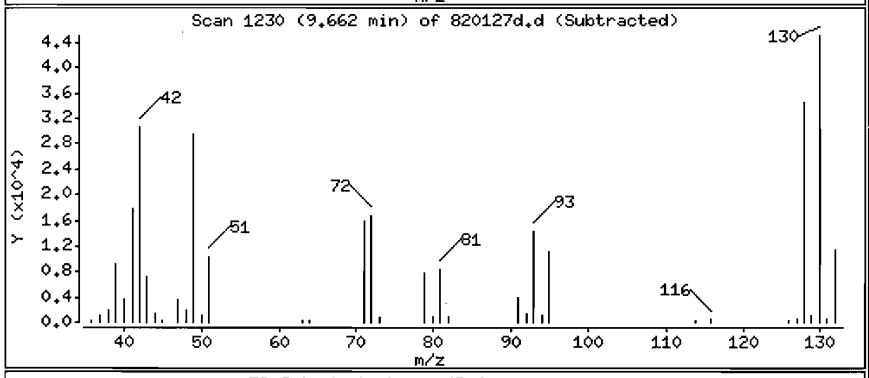
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

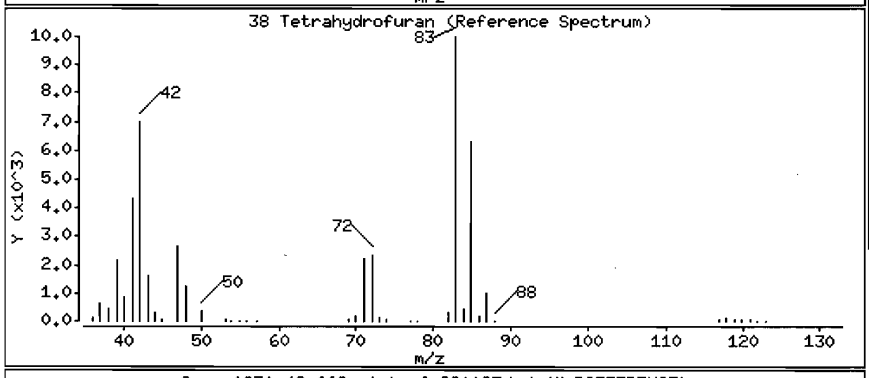
Purge Volume: 44.0 Operator: njr

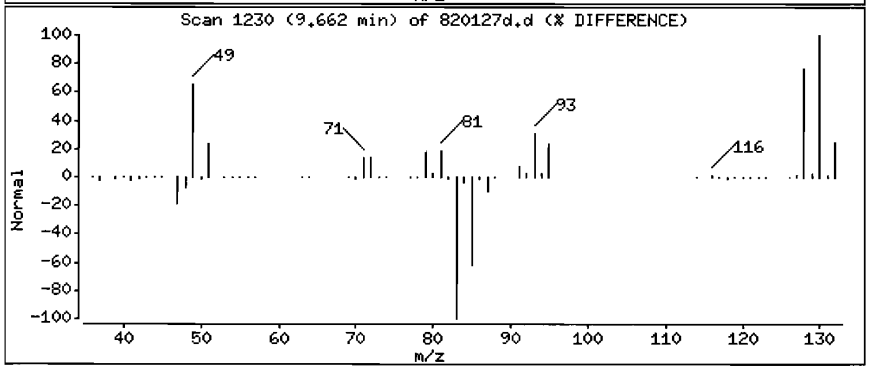
Column phase: RTX-624 Column diameter: 0.32

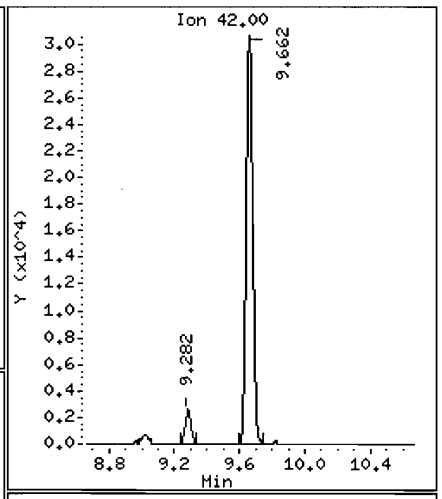
38 Tetrahydrofuran Concentration: 23 ppbv

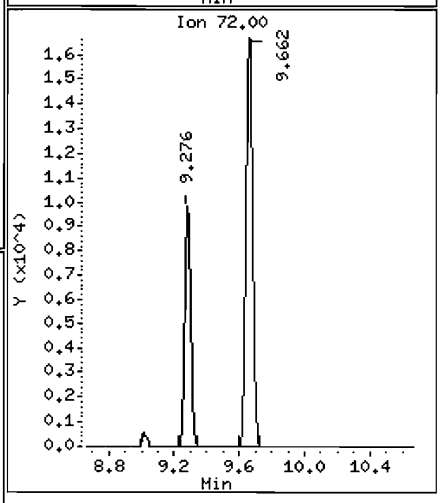












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

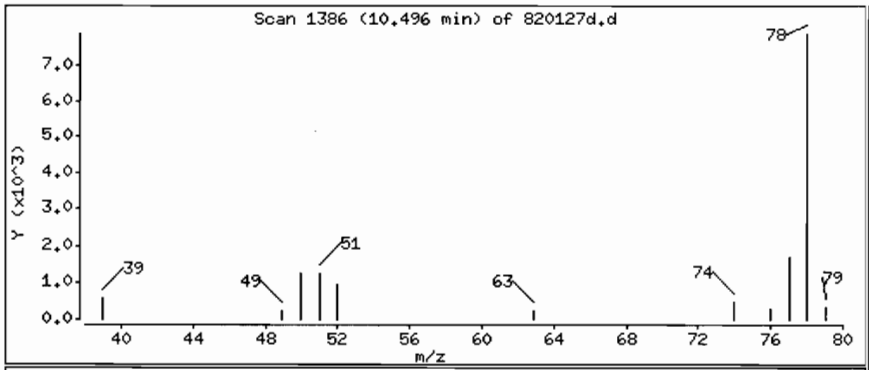
Operator: njr

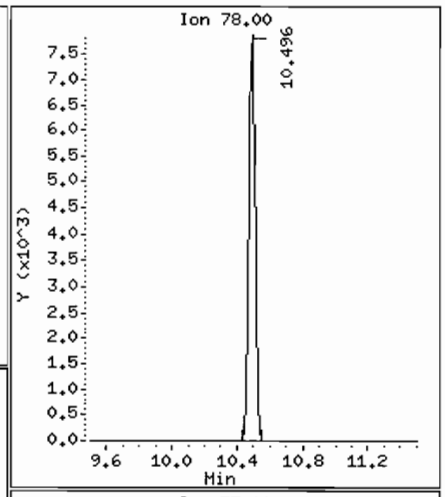
Column phase: RTX-624

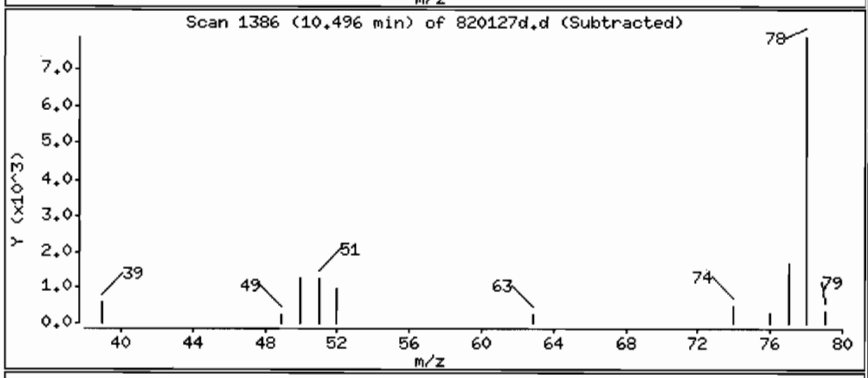
Column diameter: 0.32

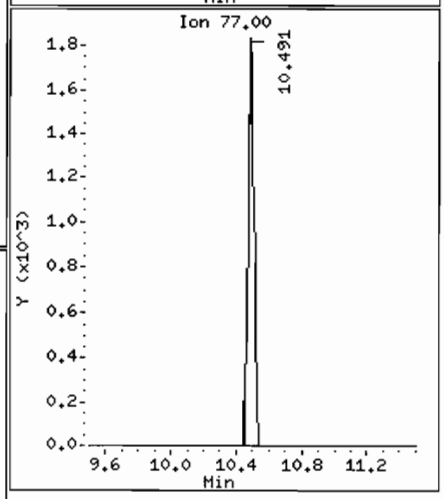
44 Benzene

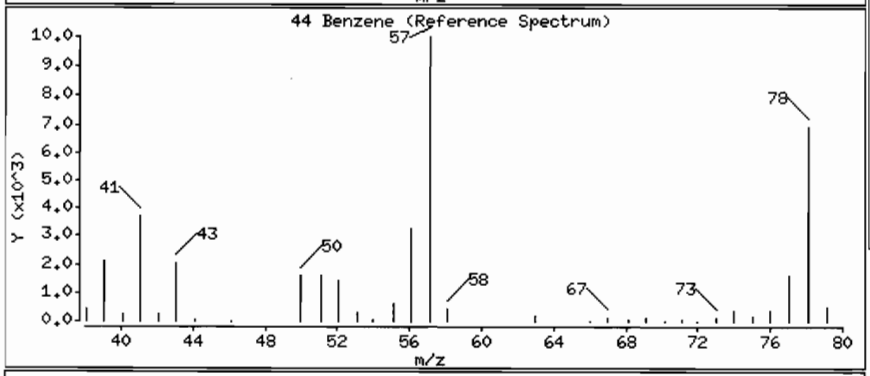
Concentration: 1.6 ppbv

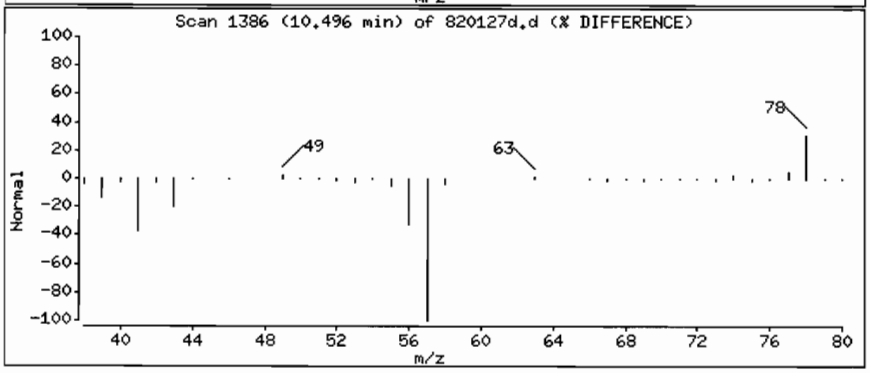












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

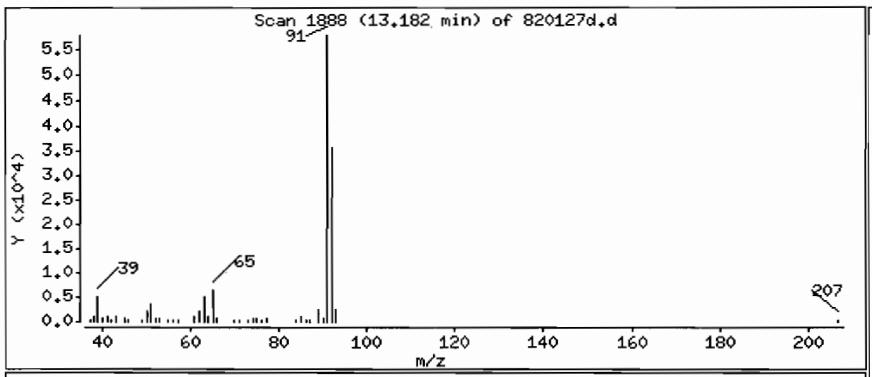
Client ID: CE-VAPOR-7 Instrument: F.i

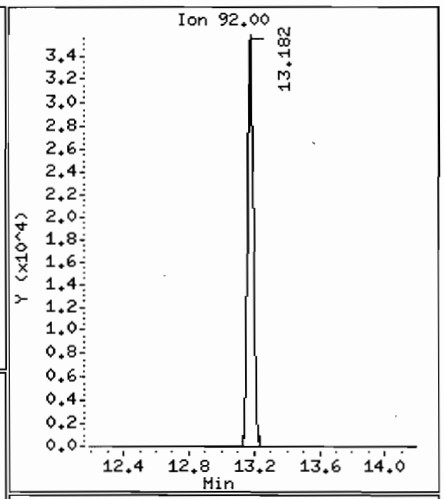
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

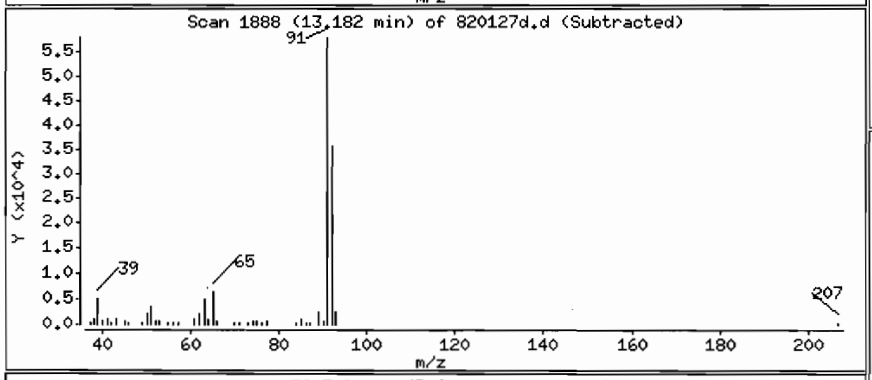
Purge Volume: 44.0 Operator: njr

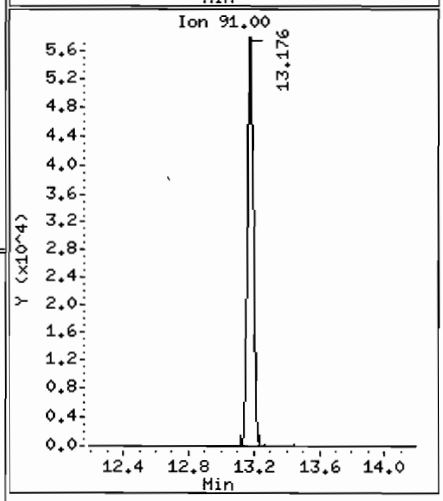
Column phase: RTX-624 Column diameter: 0.32

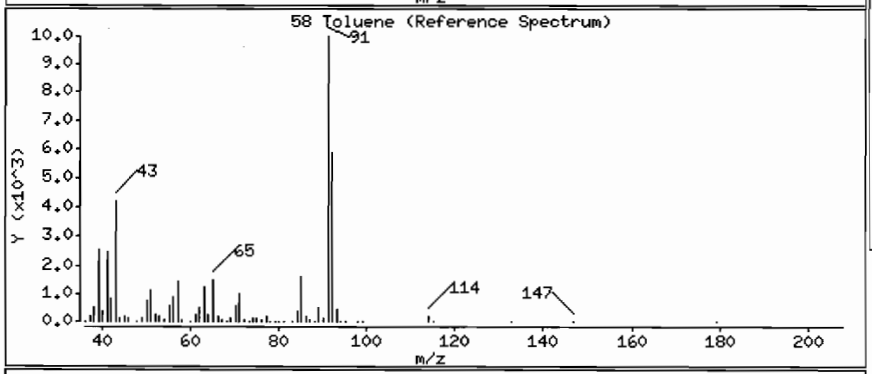
58 Toluene Concentration: 8.5 ppbv

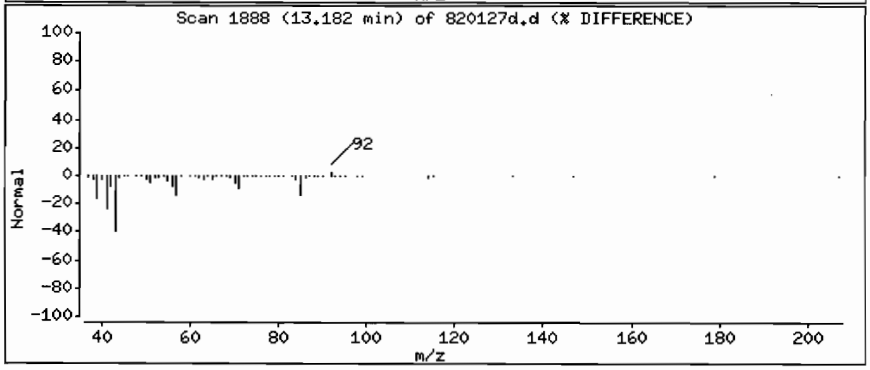












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

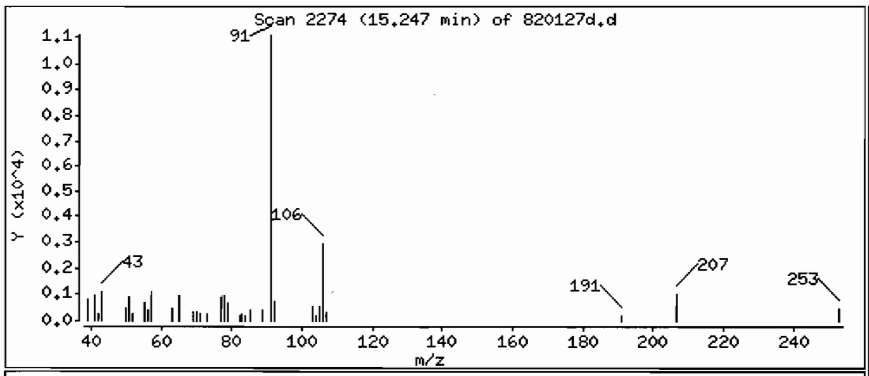
Client ID: CE-VAPOR-7 Instrument: F.i

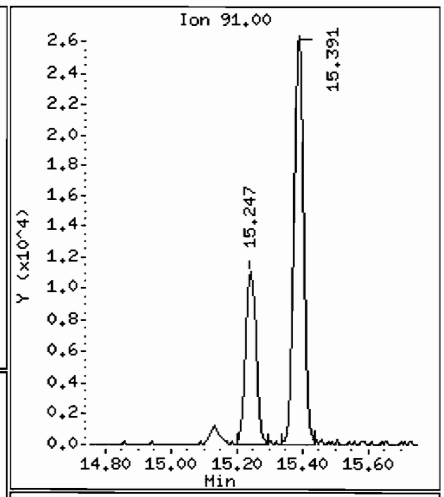
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

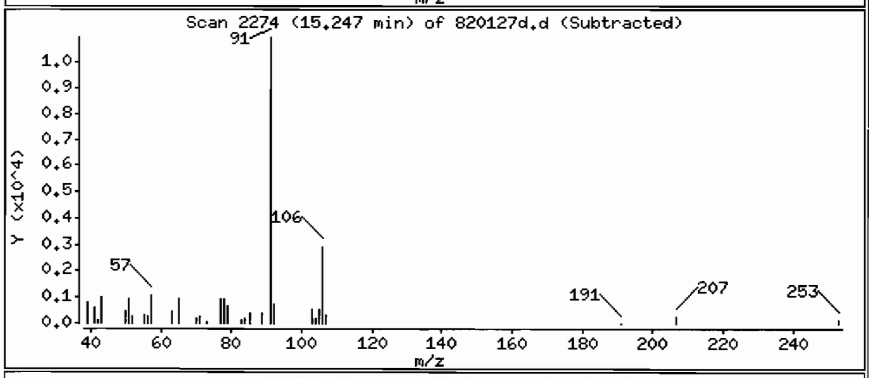
Purge Volume: 44.0 Operator: njr

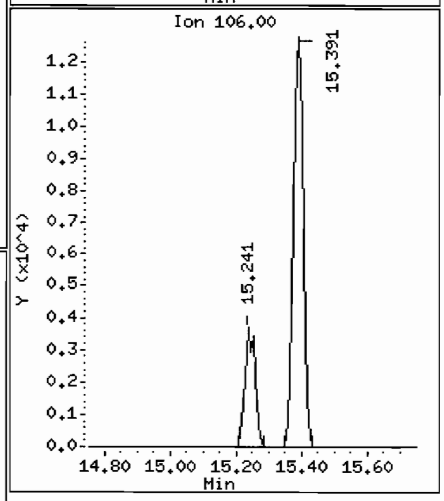
Column phase: RTX-624 Column diameter: 0.32

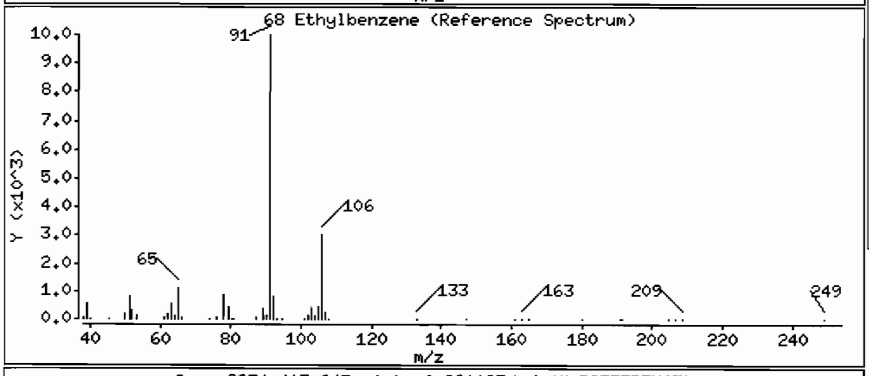
68 Ethylbenzene Concentration: 1.1 ppbv

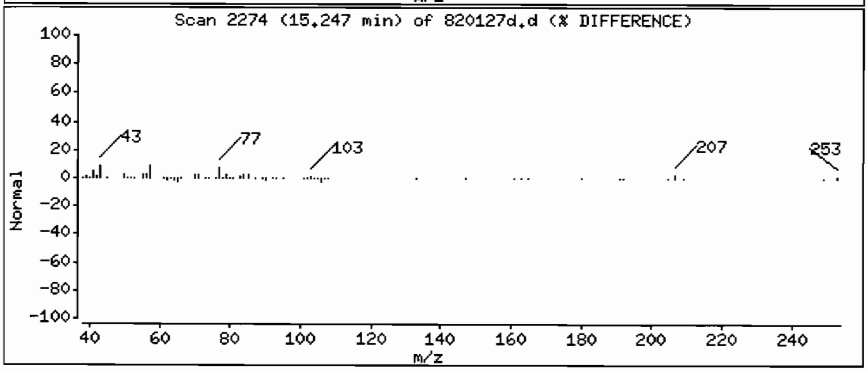












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

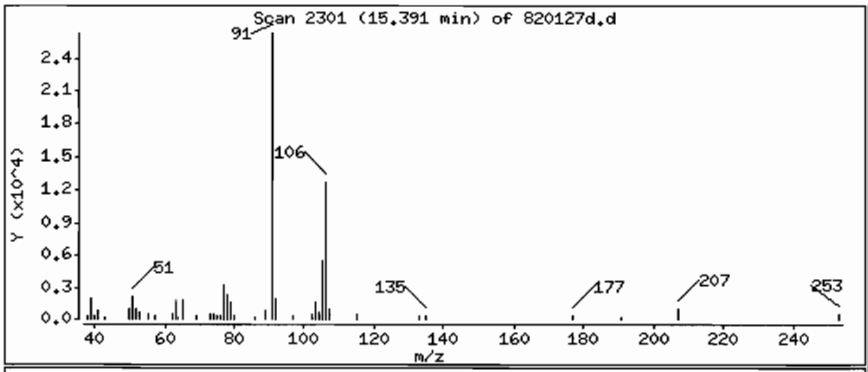
Client ID: CE-VAPOR-7 Instrument: F.i

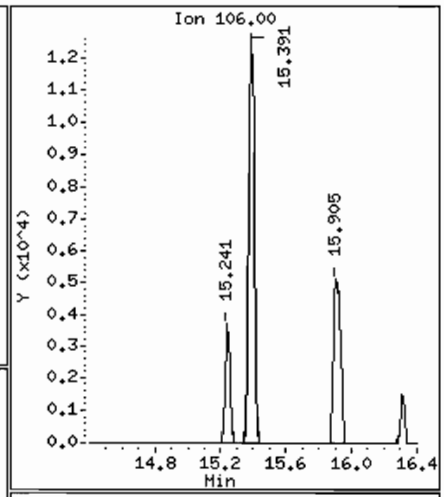
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

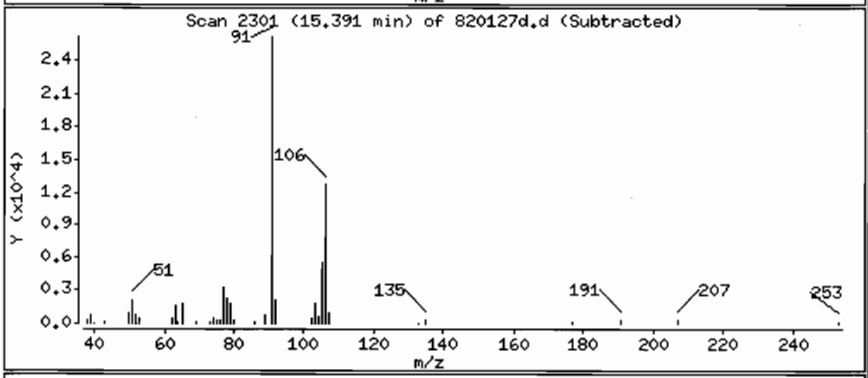
Purge Volume: 44.0 Operator: njr

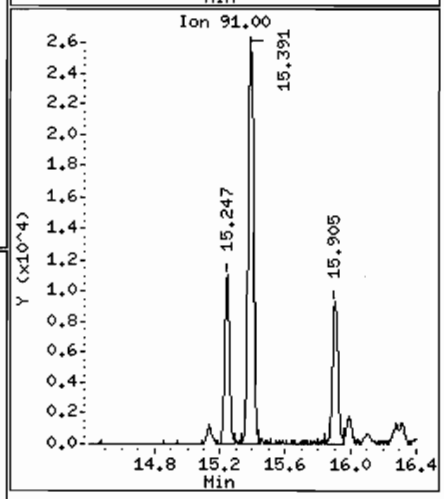
Column phase: RTX-624 Column diameter: 0.32

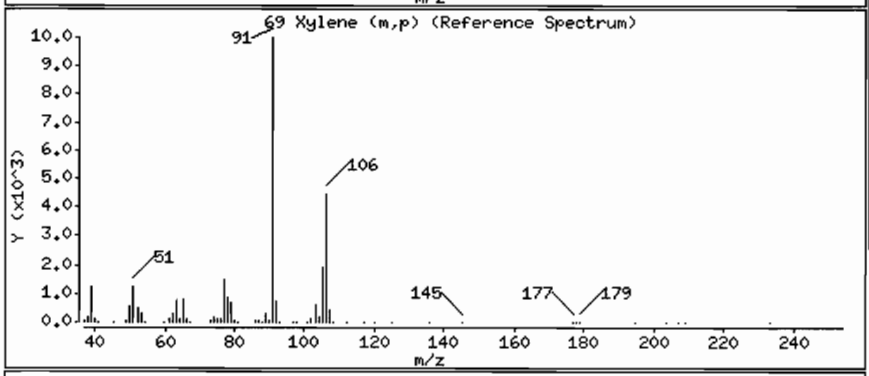
69 Xylene (m,p) Concentration: 3.1 ppbv

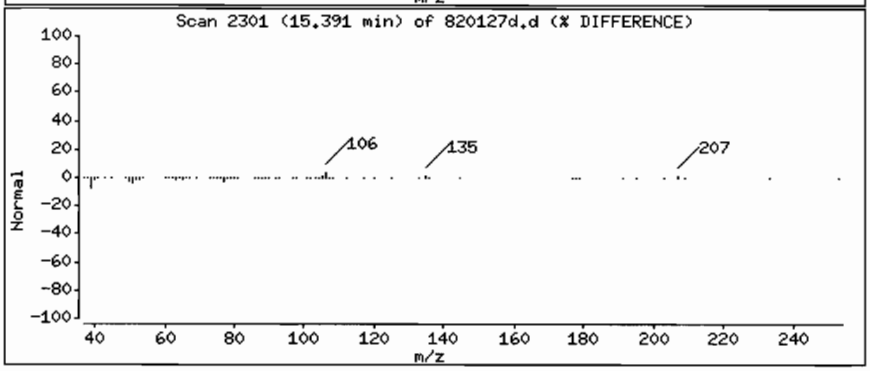












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

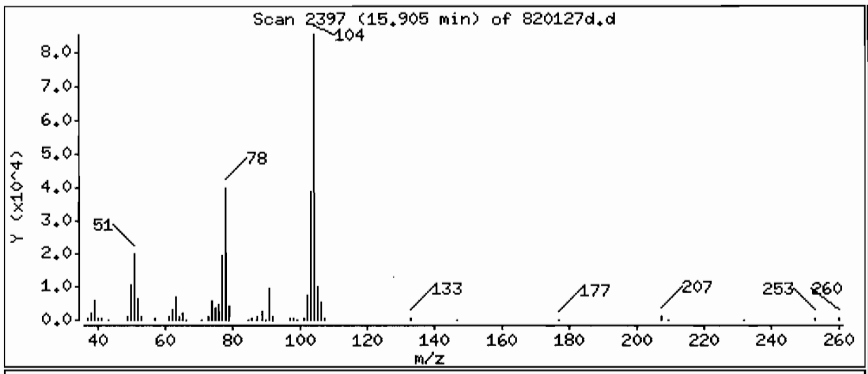
Client ID: CE-VAPOR-7 Instrument: F.i

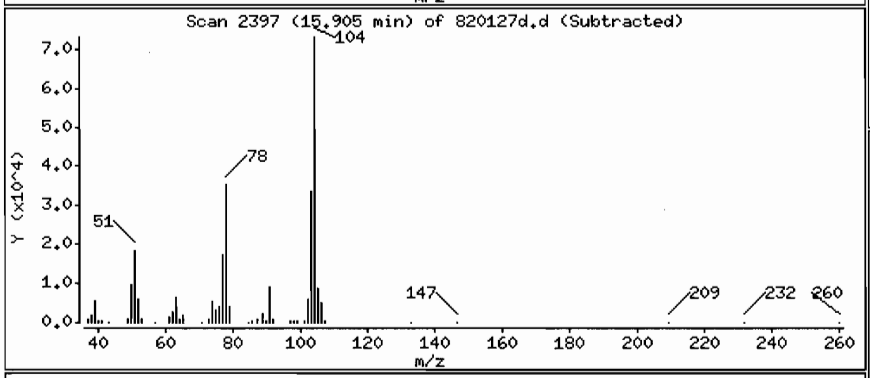
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

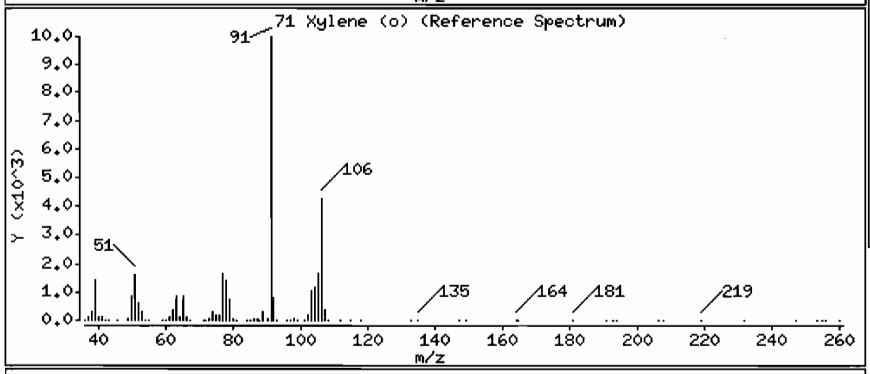
Purge Volume: 44.0 Operator: njr

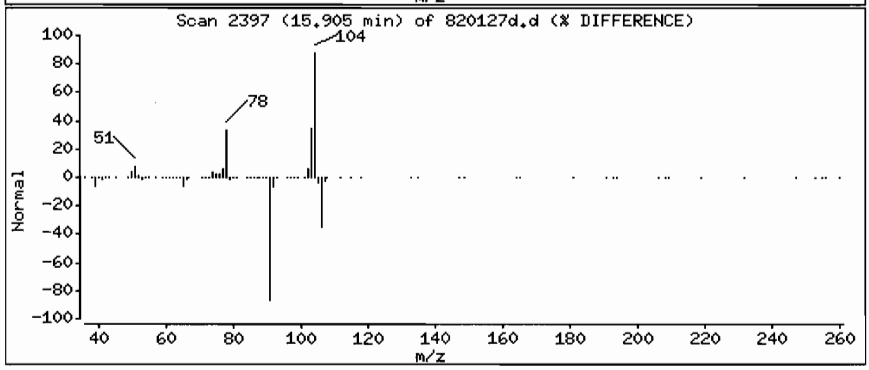
Column phase: RTX-624 Column diameter: 0.32

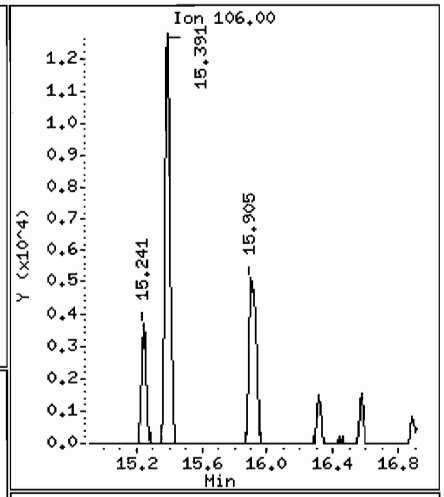
71 Xylene (o) Concentration: 1.7 ppbv

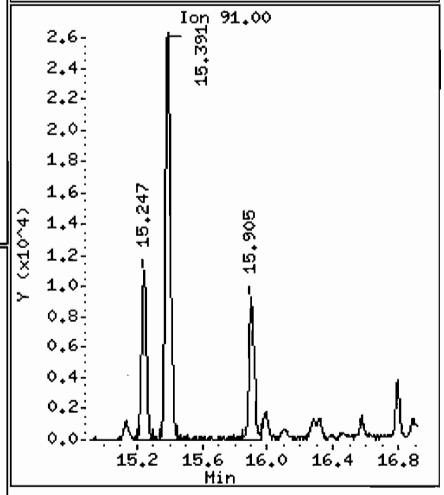












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

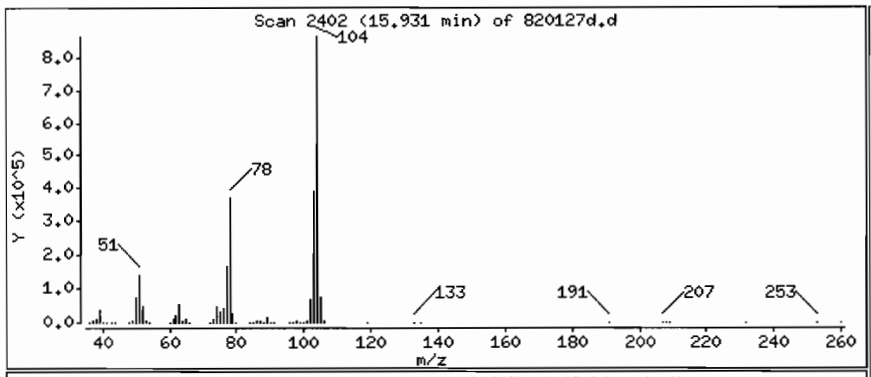
Operator: njr

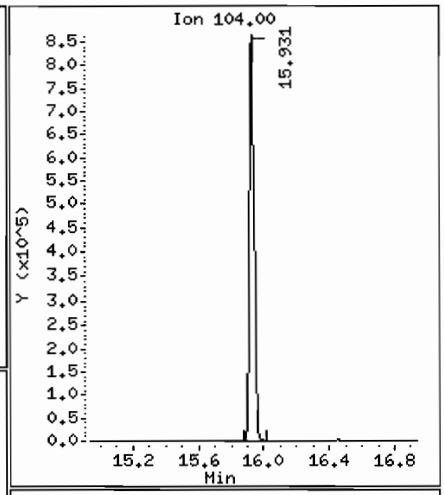
Column phase: RTX-624

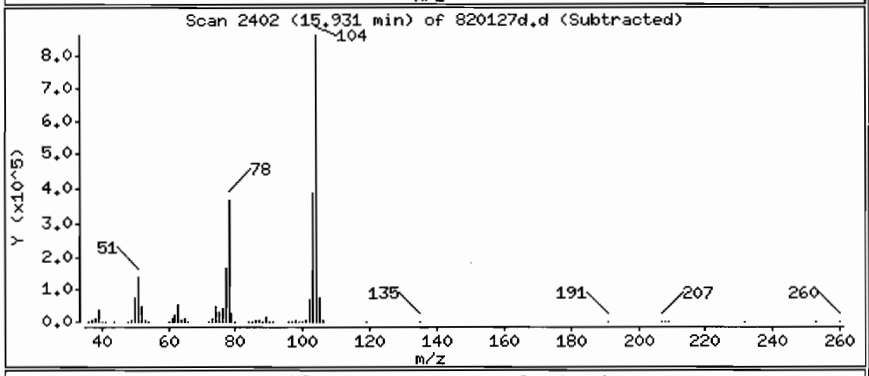
Column diameter: 0.32

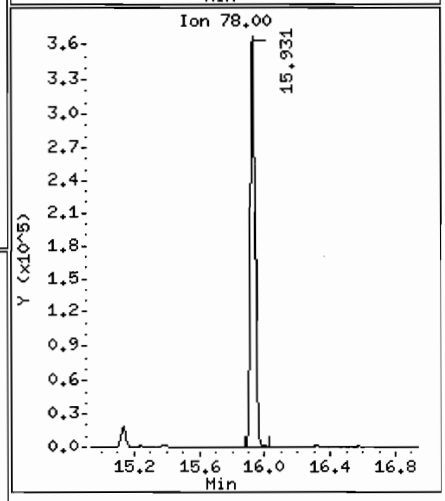
72 Styrene

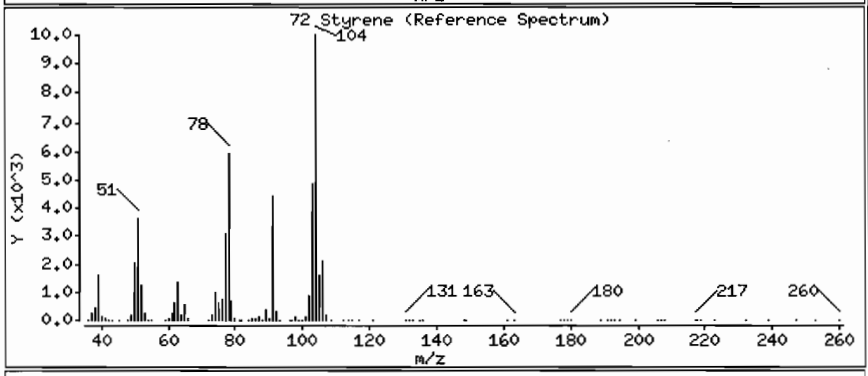
Concentration: 120 ppbv

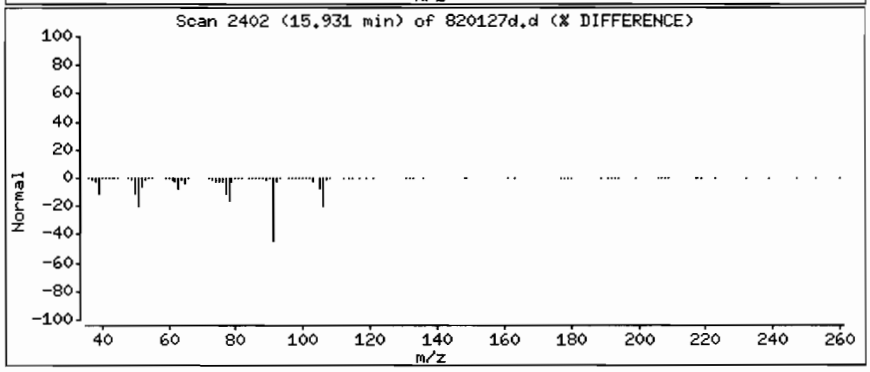












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

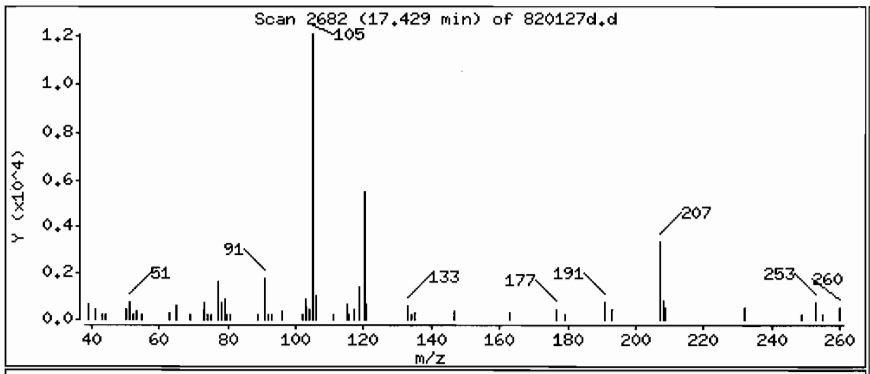
Client ID: CE-VAPOR-7 Instrument: F.i

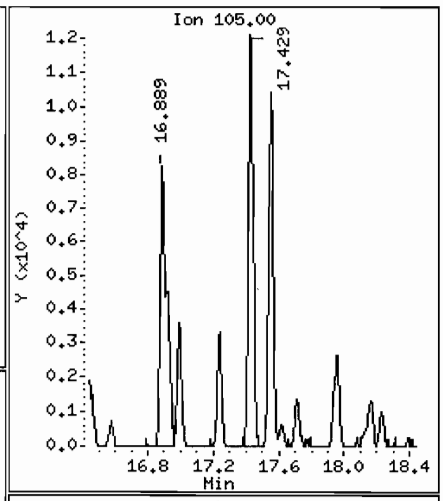
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

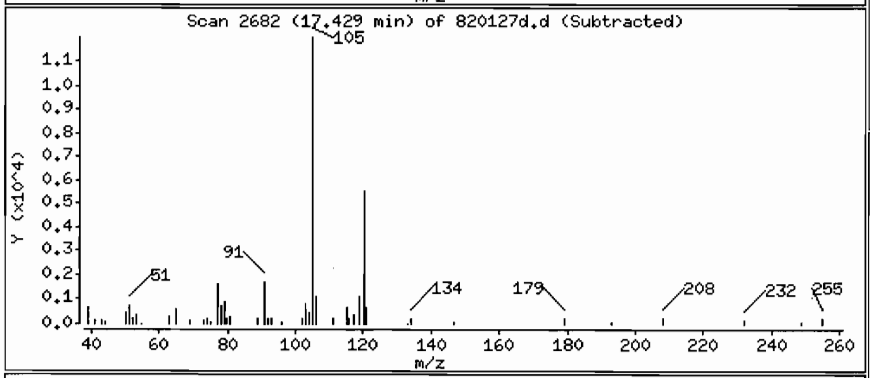
Purge Volume: 44.0 Operator: njr

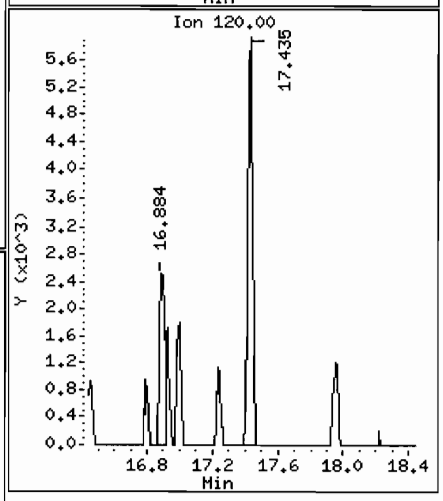
Column phase: RTX-624 Column diameter: 0.32

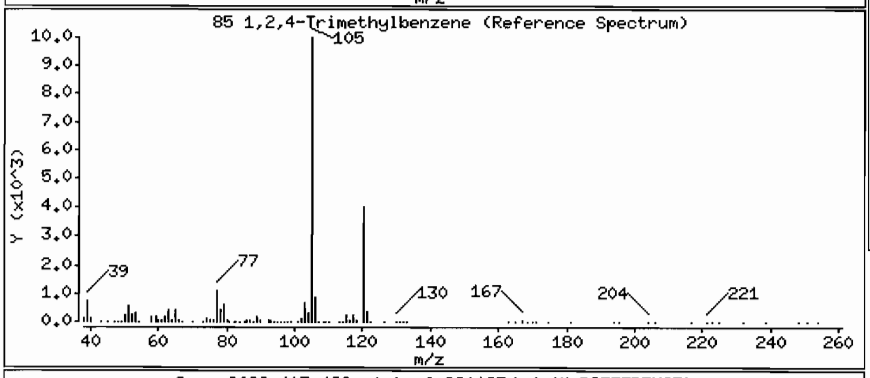
85 1,2,4-Trimethylbenzene Concentration: 1.0 ppbv

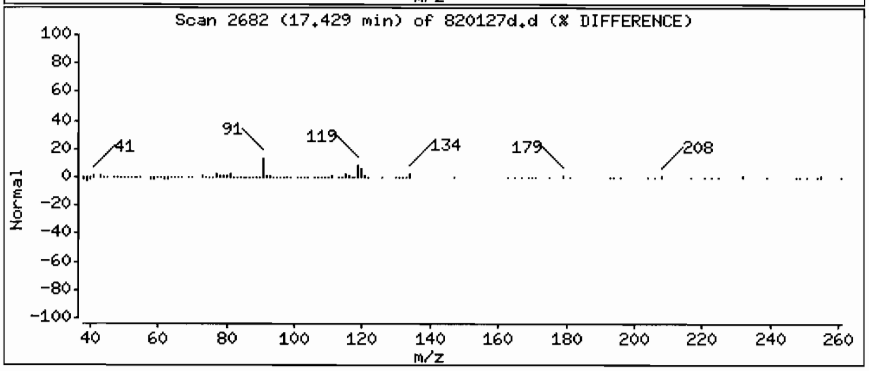












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

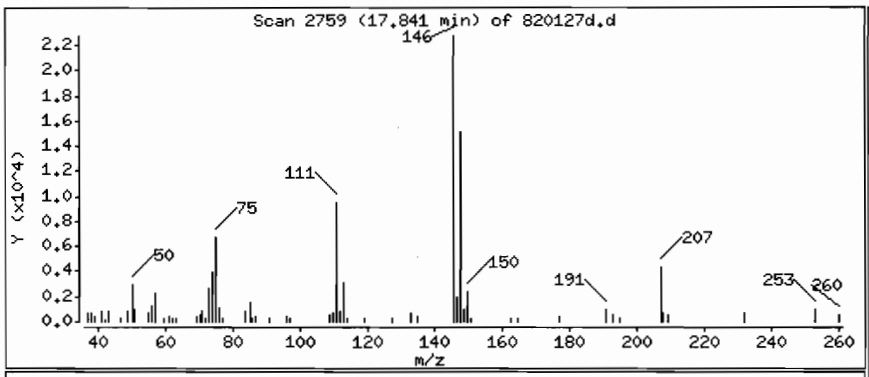
Client ID: CE-VAPOR-7 Instrument: F.i

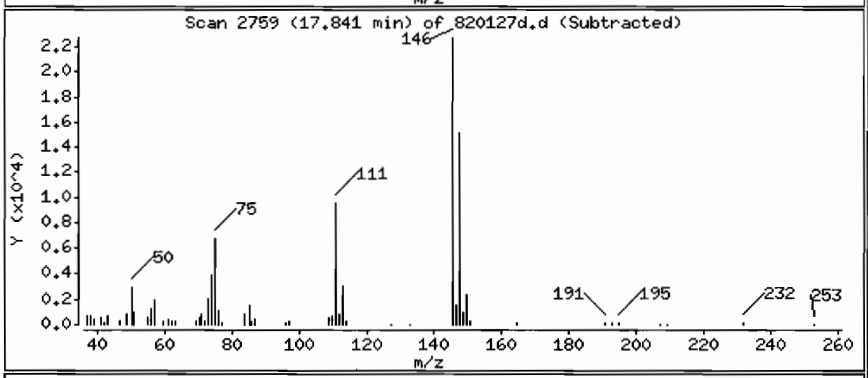
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

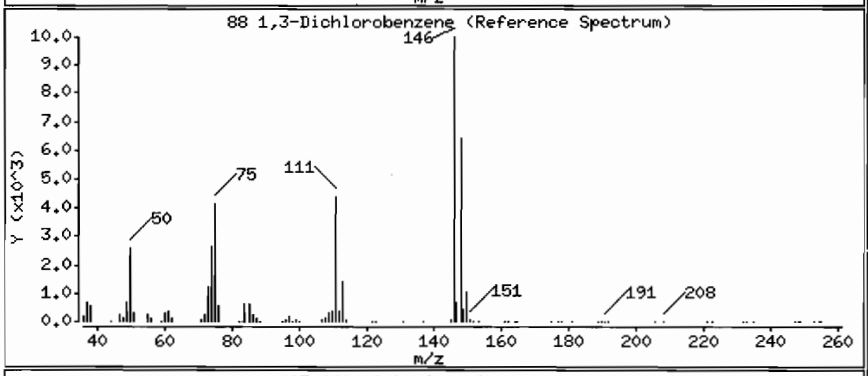
Purge Volume: 44.0 Operator: njr

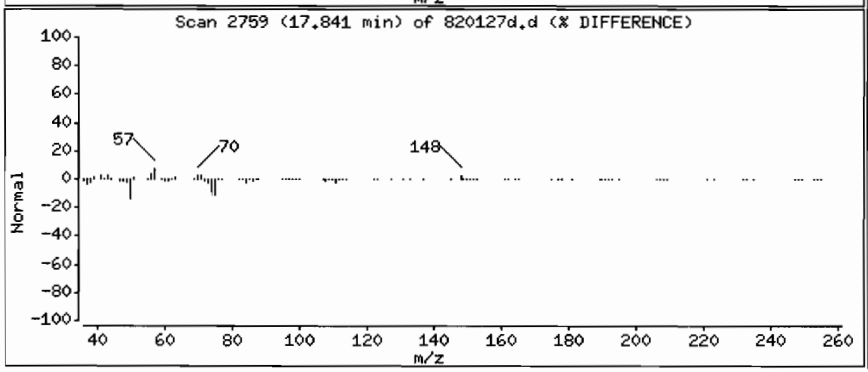
Column phase: RTX-624 Column diameter: 0.32

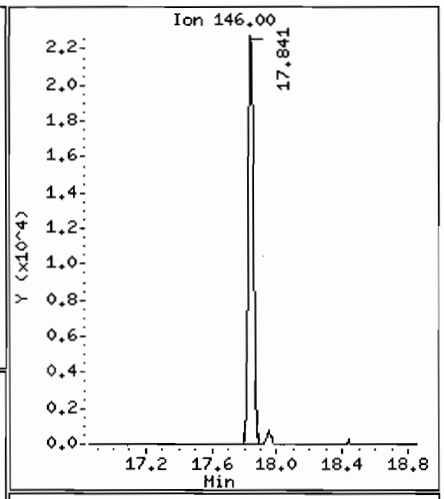
88 1,3-Dichlorobenzene Concentration: 2.6 ppbv

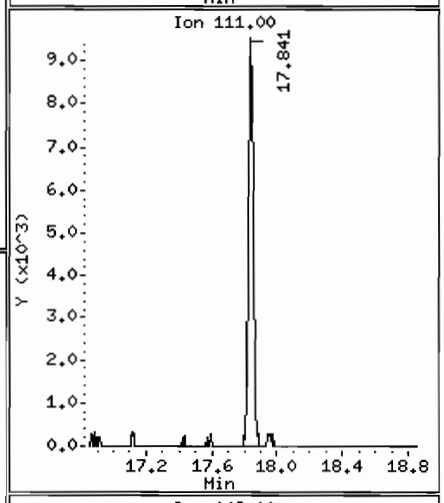


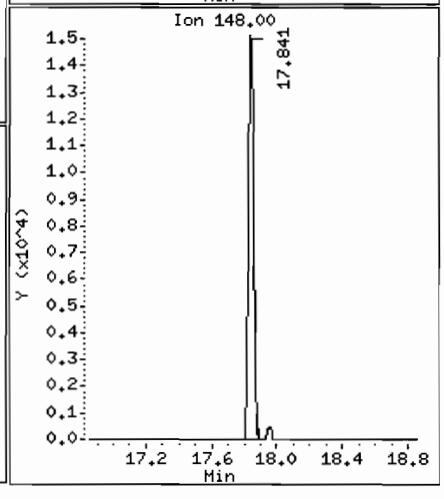












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820128

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820128

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.66	
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.25	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	32	
67-63-0	Isopropyl Alcohol	28	
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.58	
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	3.5	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.92	
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.33	
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.32	
71-43-2	Benzene	0.54	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.45	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820128

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820128

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

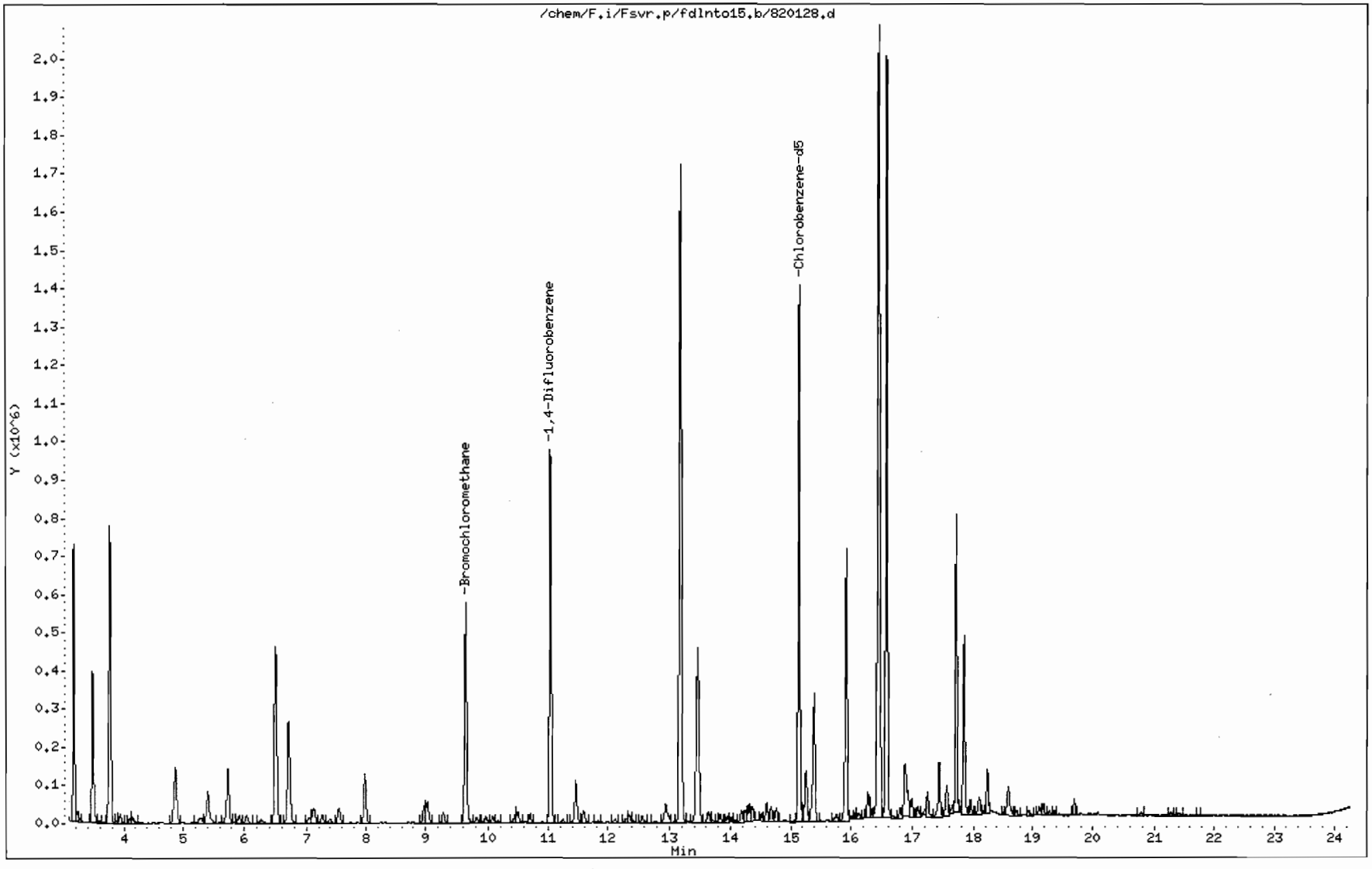
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.83	
1330-20-7	Xylene (m,p)	2.8	
95-47-6	Xylene (o)	0.88	
1330-20-7	Xylenes, Total	3.7	
100-42-5	Styrene	6.7	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.26	
108-67-8	1,3,5-Trimethylbenzene	0.24	
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.80	
541-73-1	1,3-Dichlorobenzene	2.5	
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d
Date : 17-FEB-2010 04:27
Client ID: CE-VAPOR-8
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820128.d
Lab Smp Id: 820128 Client Smp ID: CE-VAPOR-8
Inj Date : 17-FEB-2010 04:27
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)
Misc Info : 820128;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	3.590	3.595	(0.372)	7371	0.65960	0.66
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.280	5.291	(0.548)	18364	0.25454	0.25(Q)
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.494	6.516	(0.674)	839502	31.9920	32
22 Isopropyl Alcohol	45	6.708	6.719	(0.696)	506599	27.5284	28
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
25	Methylene chloride	49	7.265	7.281	(0.754)	10154	0.57615	0.58(Q)
26	tert-Butyl Alcohol	59	Compound Not Detected.					
27	Methyl tert-Butyl Ether	73	Compound Not Detected.					
28	trans-1,2-Dichloroethene	61	Compound Not Detected.					
30	n-Hexane	57	7.982	7.993	(0.828)	93665	3.47920	3.5
31	1,1-Dichloroethane	63	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.282	9.293	(0.963)	8902	0.92479	0.92(Q)
34	cis-1,2-Dichloroethene	96	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
* 37	Bromochloromethane	128	9.640	9.656	(1.000)	231757	10.0000	(Q)
39	Chloroform	83	Compound Not Detected.					
38	Tetrahydrofuran	42	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
40	Cyclohexane	84	9.966	9.983	(0.903)	8499	0.32848	0.33(Q)
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	10.448	10.459	(0.947)	25049	0.31975	0.32
44	Benzene	78	10.491	10.502	(0.951)	32407	0.54129	0.54
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	10.694	10.705	(0.969)	12351	0.45275	0.45(Q)
* 47	1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1098906	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	cis-1,3-Dichloropropene	75	Compound Not Detected.					
56	Methyl Isobutyl Ketone	43	Compound Not Detected.					
58	Toluene	92	13.182	13.187	(0.871)	1027732	21.4139	21
59	trans-1,3-Dichloropropene	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					
62	Methyl Butyl Ketone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.134	15.145	(1.000)	1043122	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	15.247	15.252	(1.007)	88622	0.83396	0.83
69	Xylene (m,p)	106	15.391	15.402	(1.017)	120958	2.78826	2.8
71	Xylene (o)	106	15.905	15.915	(1.051)	37183	0.87867	0.88
M 70	Xylenes, Total	106				158141	3.73703	3.7
72	Styrene	104	15.931	15.937	(1.053)	419417	6.70826	6.7
73	Bromoform	173	Compound Not Detected.					
76	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
80	4-Ethyltoluene	105	16.921	16.932	(1.118)	35331	0.26476	0.26(Q)
82	1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	26144	0.23758	0.24
81	2-Chlorotoluene	91	Compound Not Detected.					
85	1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	90512	0.79758	0.80
88	1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	215135	2.52430	2.5
89	1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

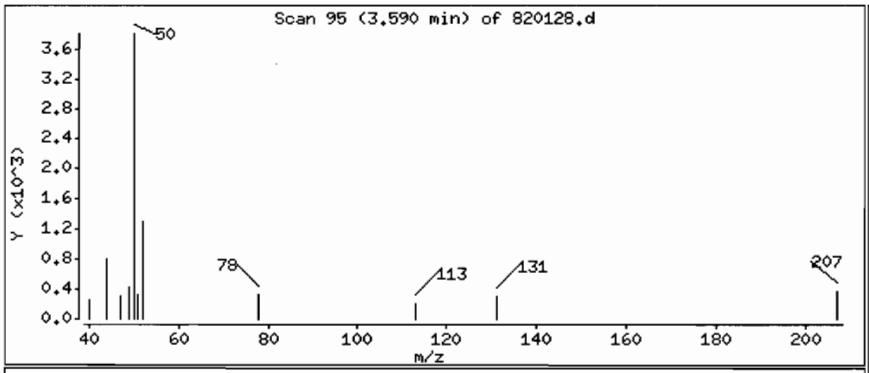
Client ID: CE-VAPOR-8 Instrument: F.i

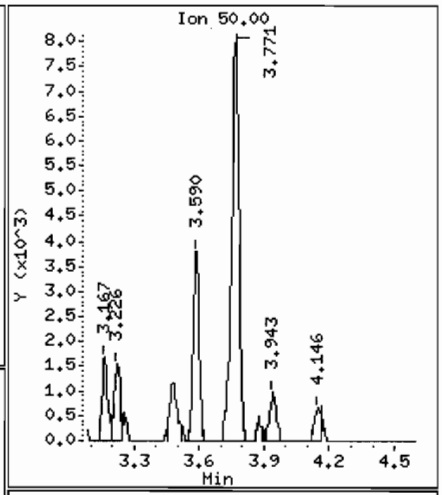
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

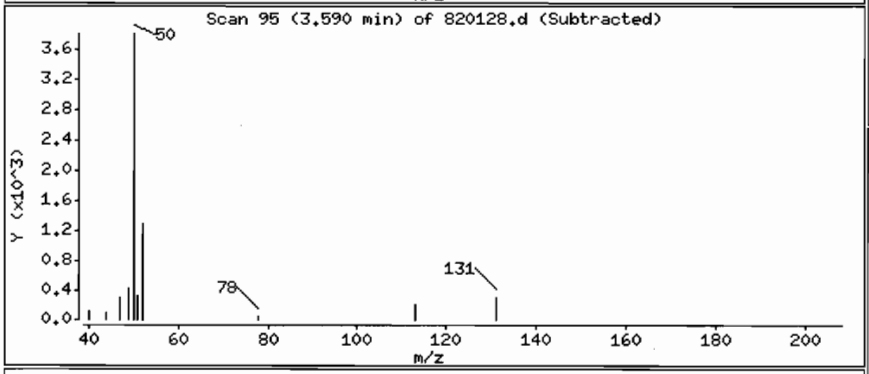
Purge Volume: 200.0 Operator: wrd

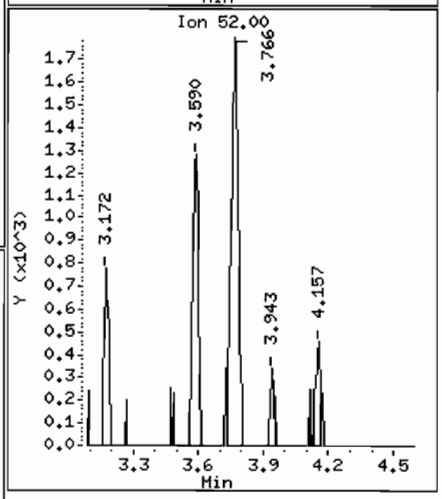
Column phase: RTX-624 Column diameter: 0.32

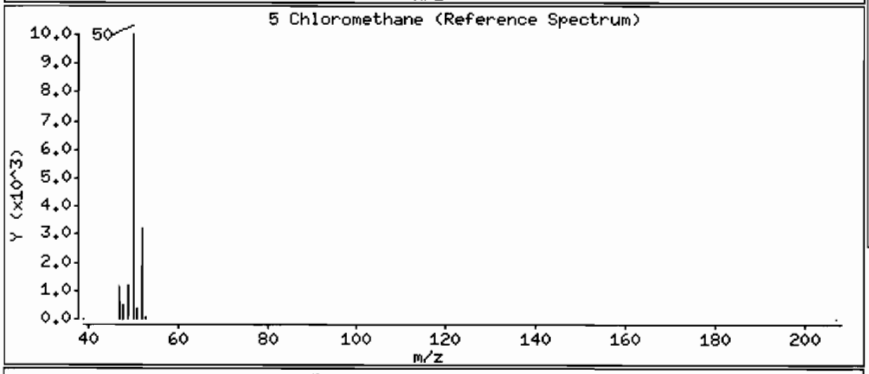
5 Chloromethane Concentration: 0.66 ppbv

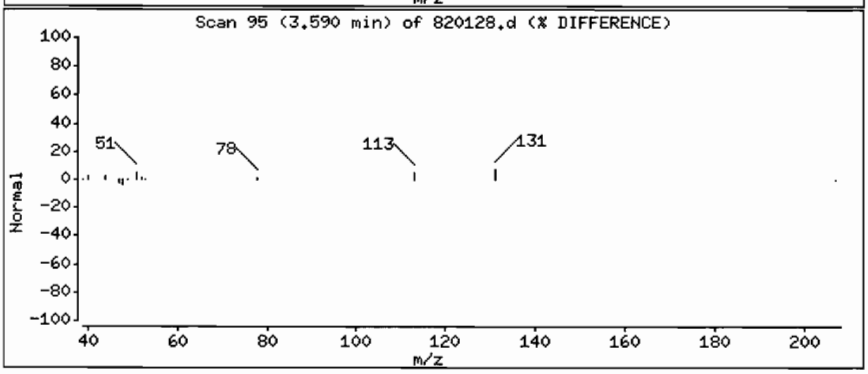












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

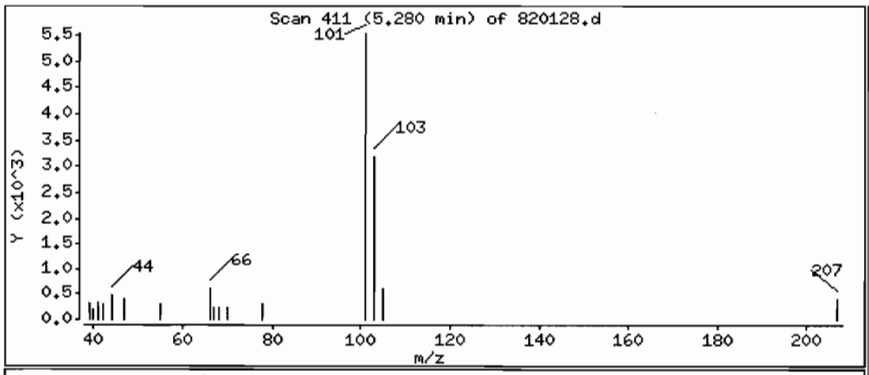
Client ID: CE-VAPOR-8 Instrument: F.i

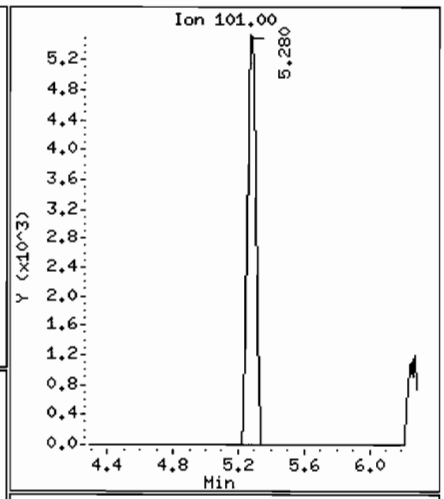
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

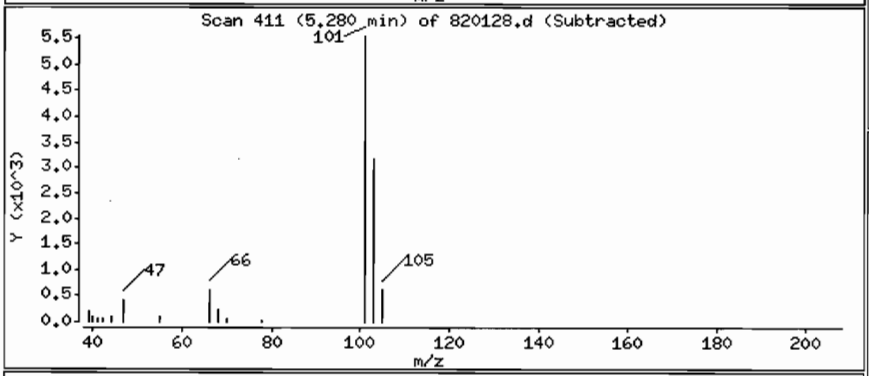
Purge Volume: 200.0 Operator: wrd

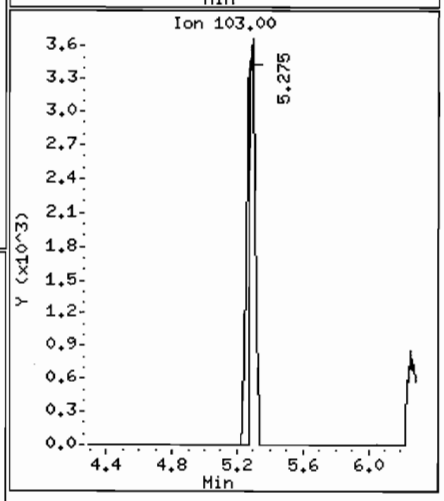
Column phase: RTX-624 Column diameter: 0.32

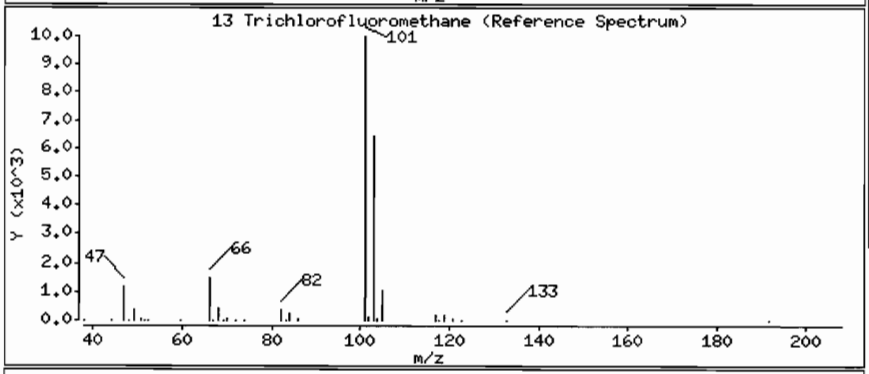
13 Trichlorofluoromethane Concentration: 0.25 ppbv

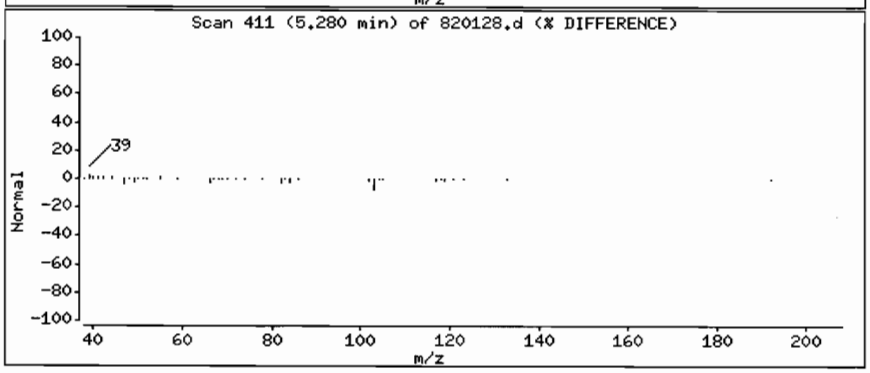












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

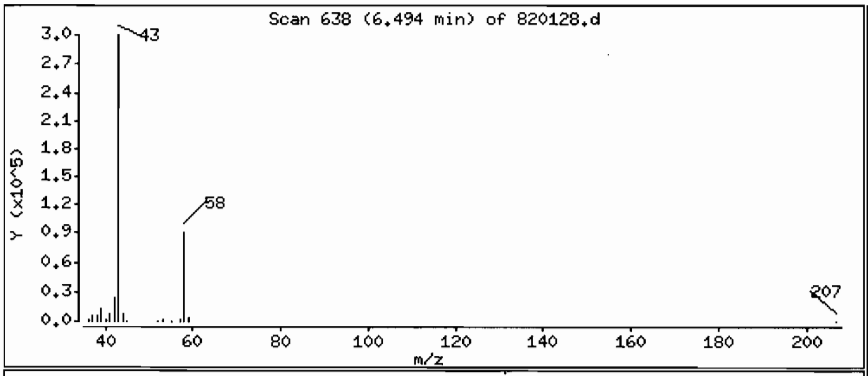
Client ID: CE-VAPOR-8 Instrument: F.i

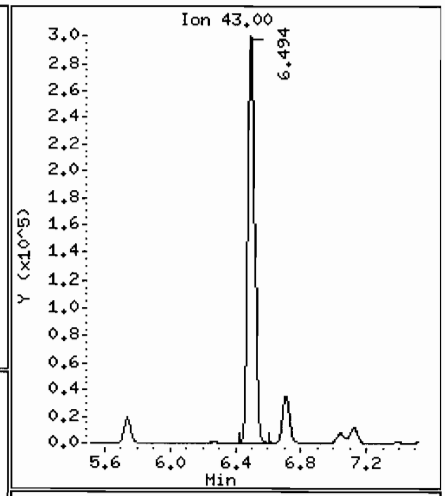
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

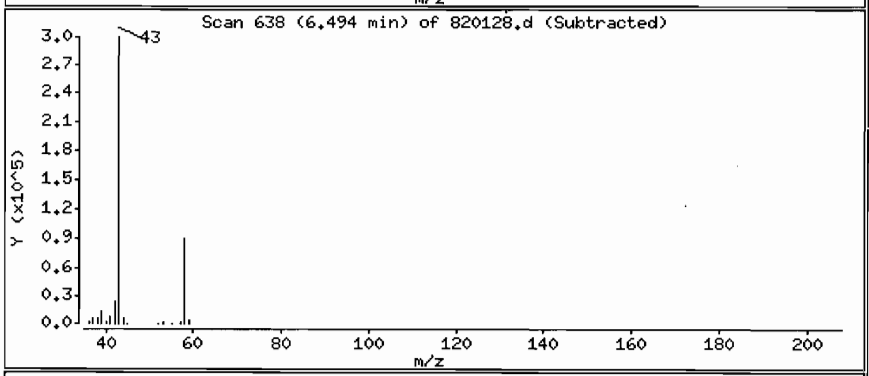
Purge Volume: 200.0 Operator: wrd

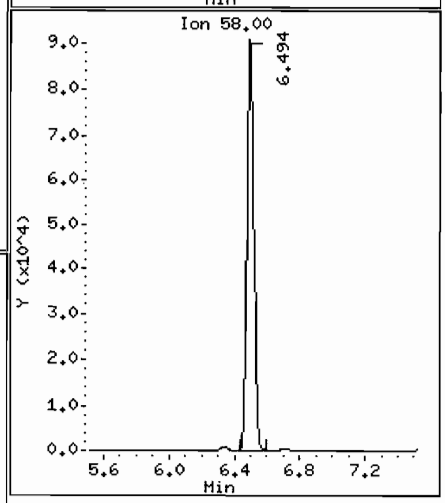
Column phase: RTX-624 Column diameter: 0.32

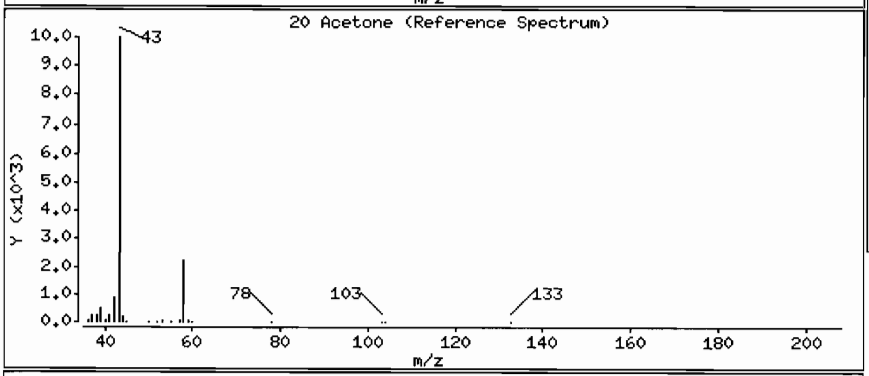
20 Acetone Concentration: 32 ppbv

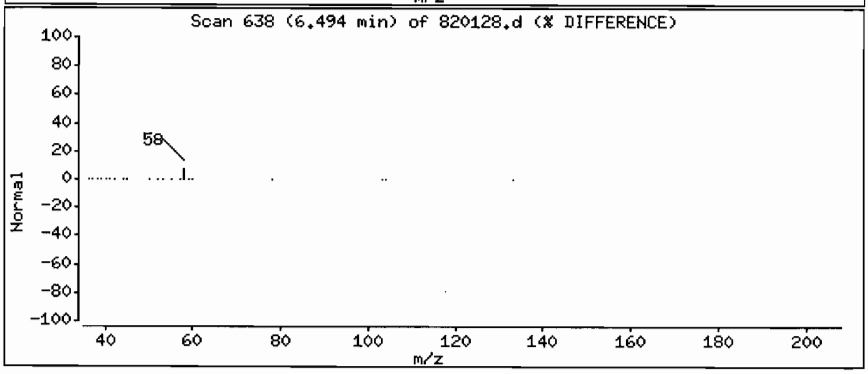












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

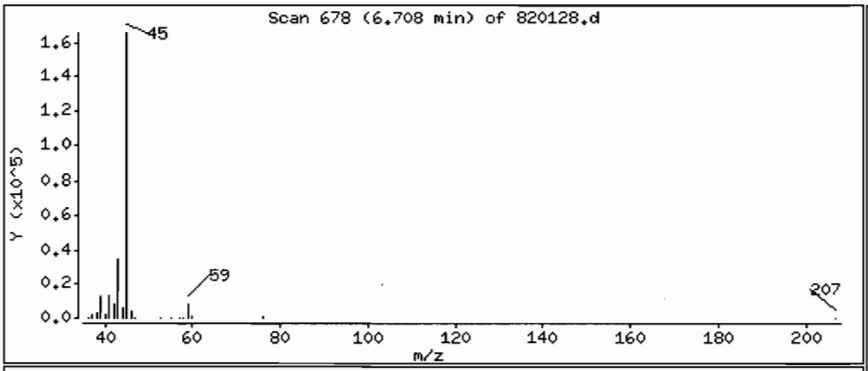
Client ID: CE-VAPOR-8 Instrument: F.i

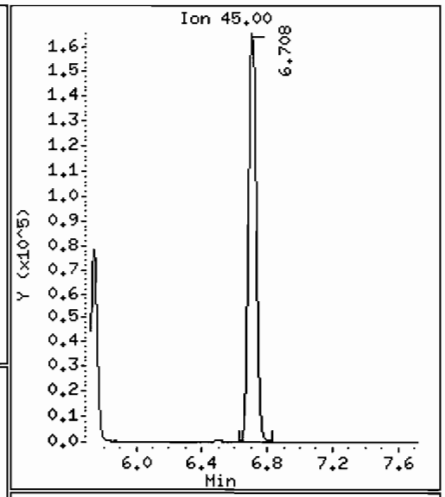
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

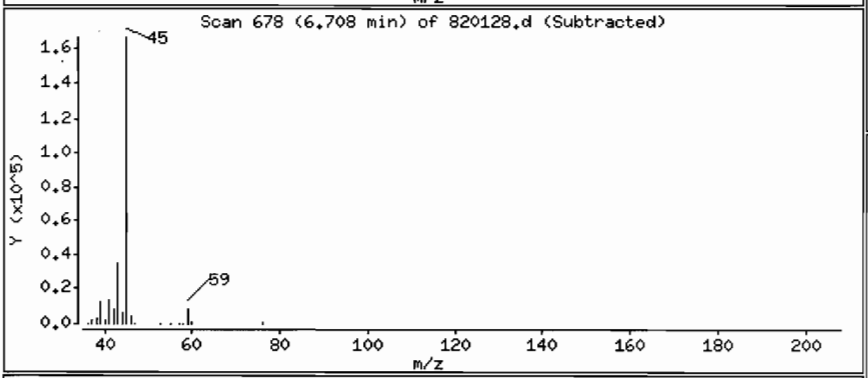
Purge Volume: 200.0 Operator: wrd

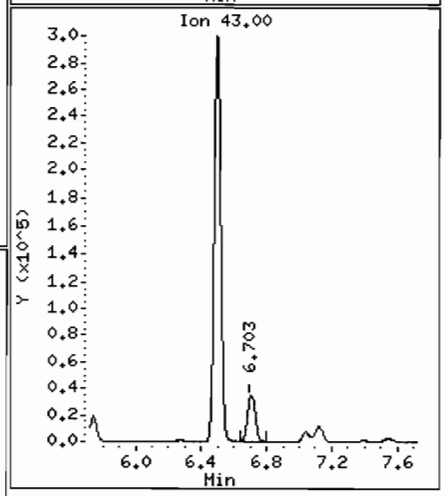
Column phase: RTX-624 Column diameter: 0.32

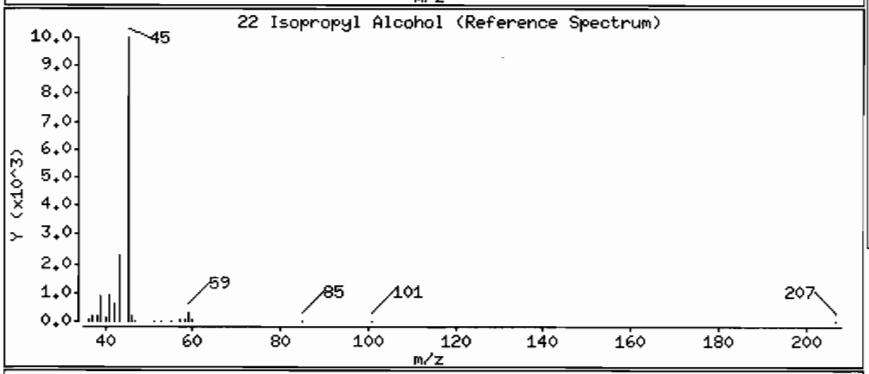
22 Isopropyl Alcohol Concentration: 28 ppbv

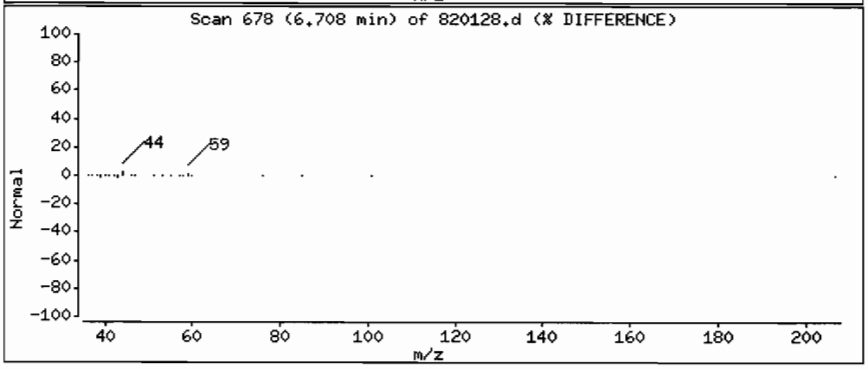












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

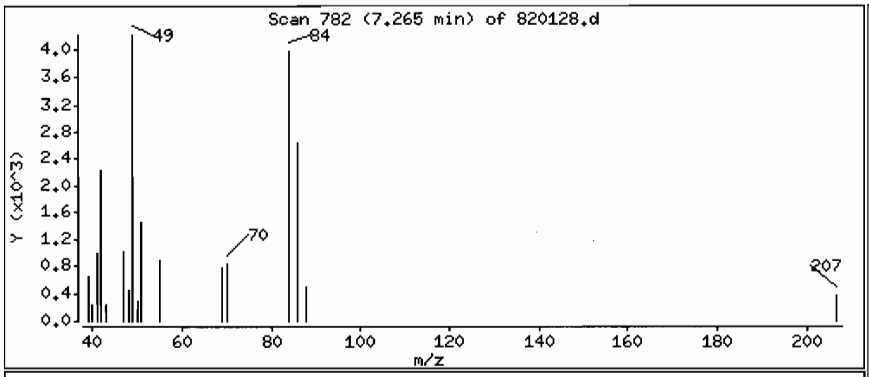
Client ID: CE-VAPOR-8 Instrument: F.i

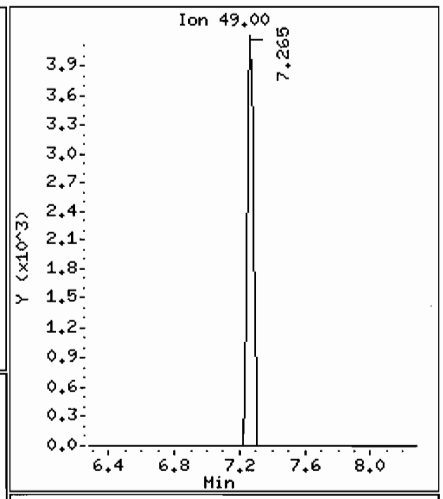
Sample Info: CE-VAPOR-8 :[J02/08/10 @1546(AIR)

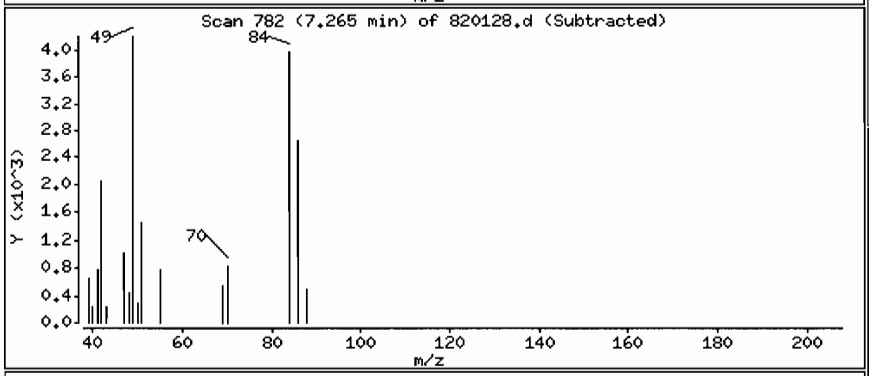
Purge Volume: 200.0 Operator: wrd

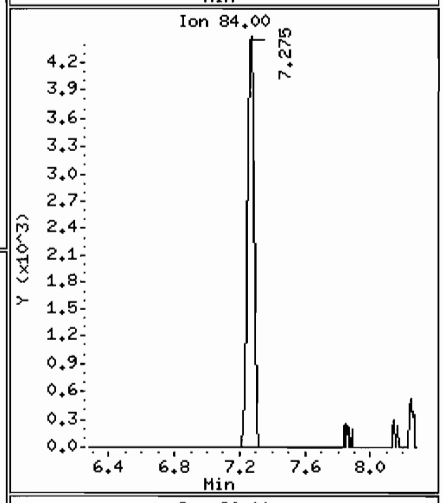
Column phase: RTX-624 Column diameter: 0.32

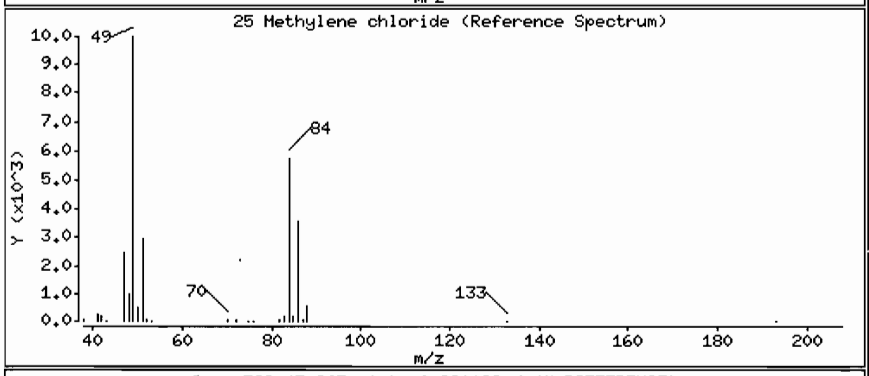
25 Methylene chloride Concentration: 0.58 ppbv

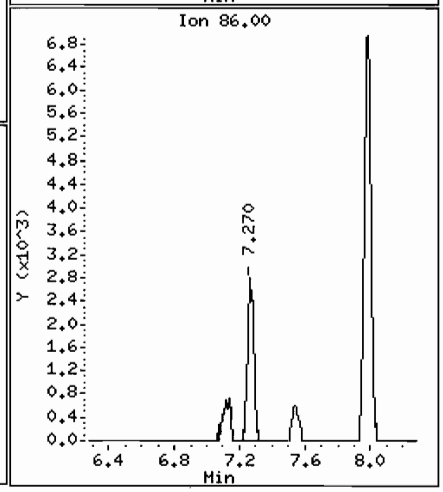


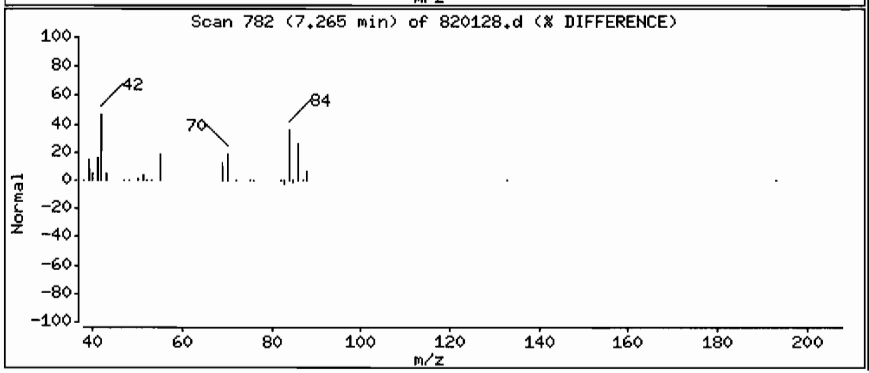












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

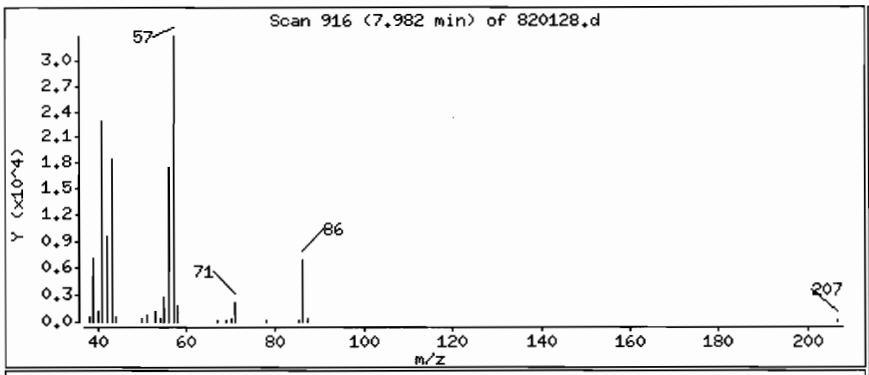
Client ID: CE-VAPOR-8 Instrument: F.i

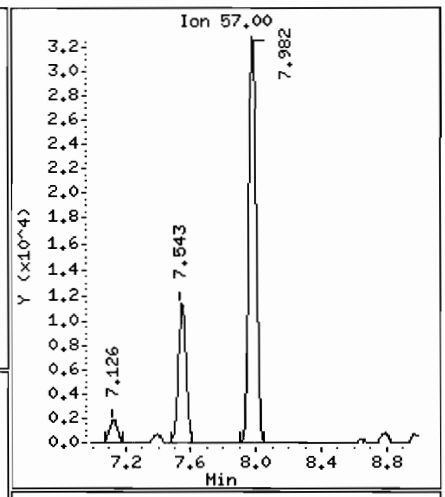
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

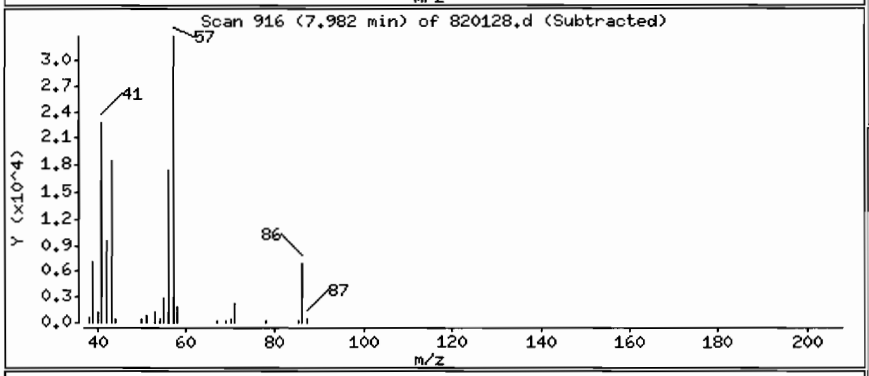
Purge Volume: 200.0 Operator: wrd

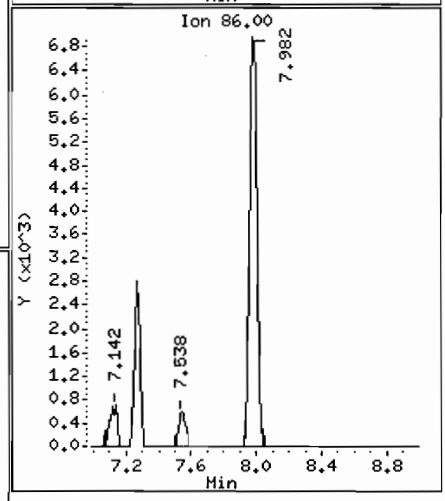
Column phase: RTX-624 Column diameter: 0.32

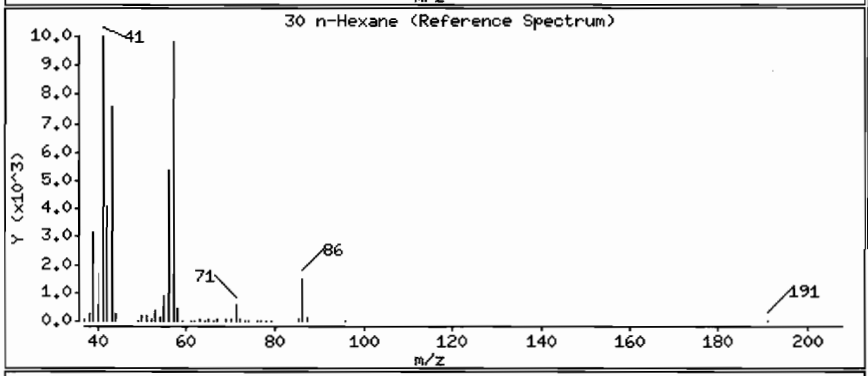
30 n-Hexane Concentration: 3.5 ppbv

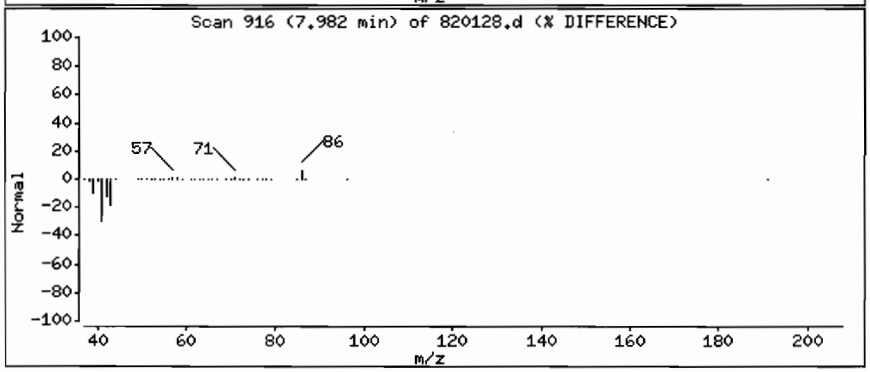












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

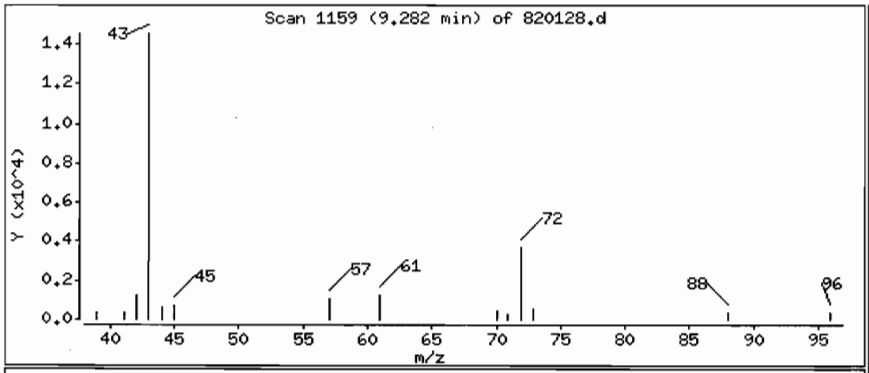
Client ID: CE-VAPOR-8 Instrument: F.i

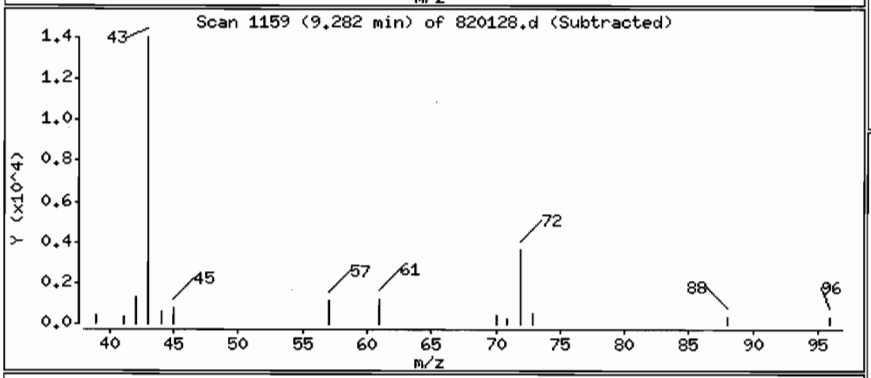
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

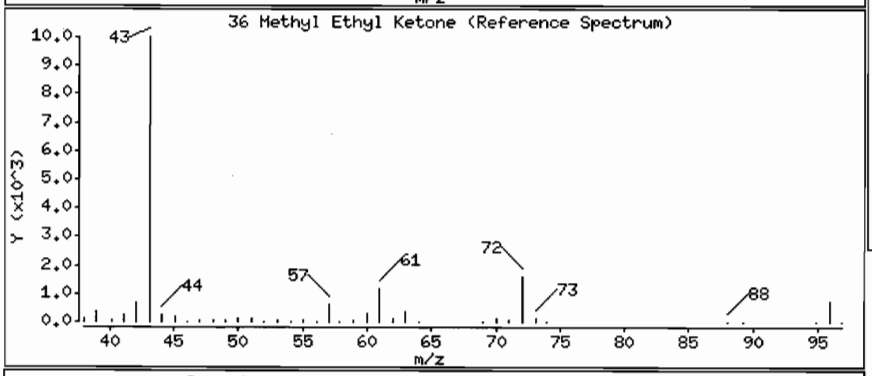
Purge Volume: 200.0 Operator: wrd

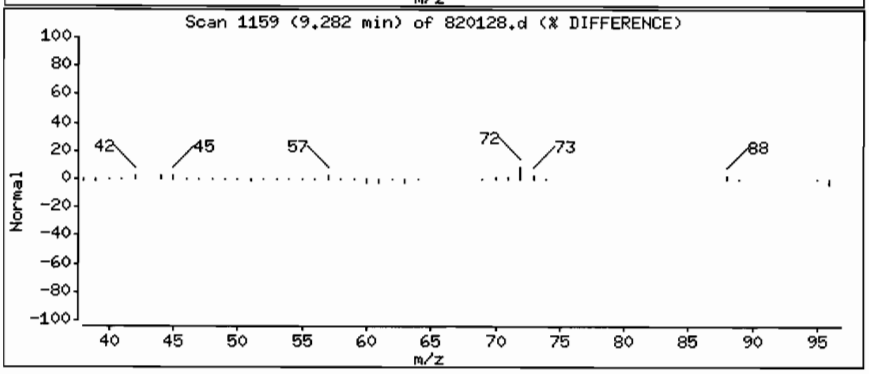
Column phase: RTX-624 Column diameter: 0.32

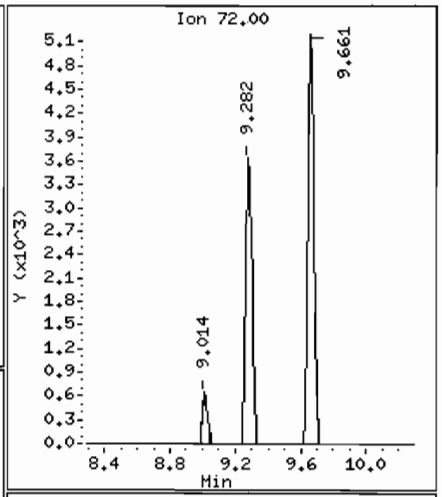
36 Methyl Ethyl Ketone Concentration: 0.92 ppbv

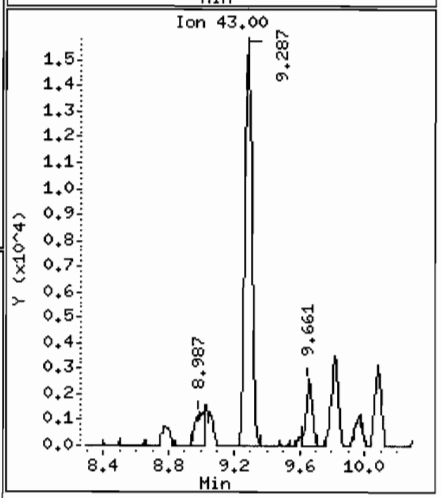












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

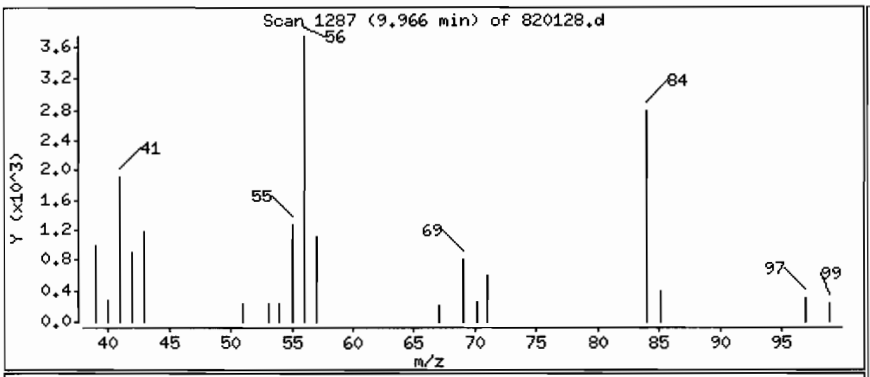
Client ID: CE-VAPOR-8 Instrument: F.i

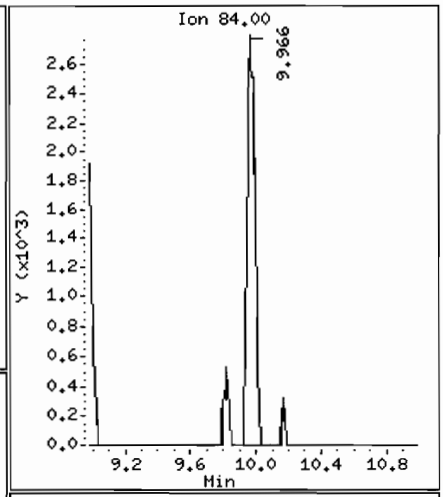
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

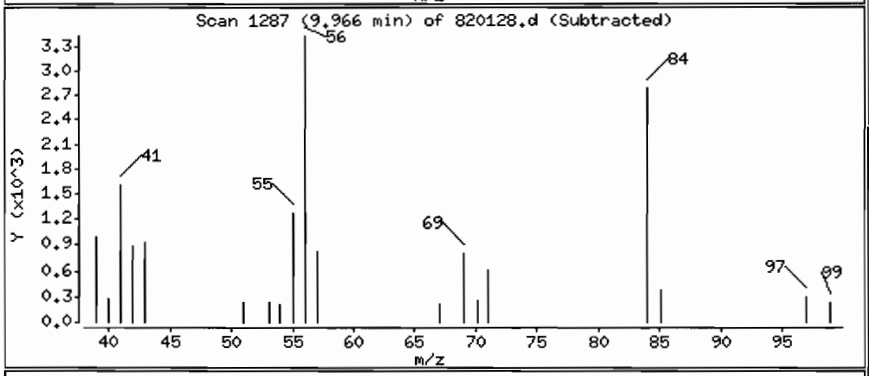
Purge Volume: 200.0 Operator: wrd

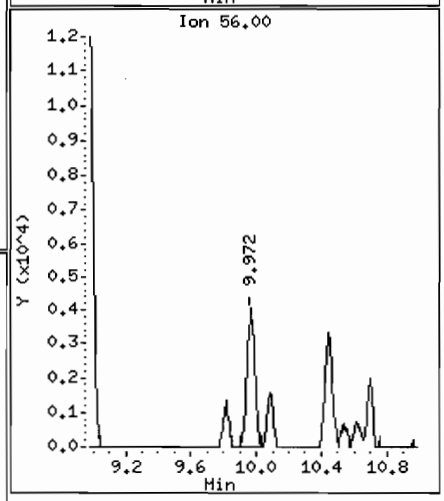
Column phase: RTX-624 Column diameter: 0.32

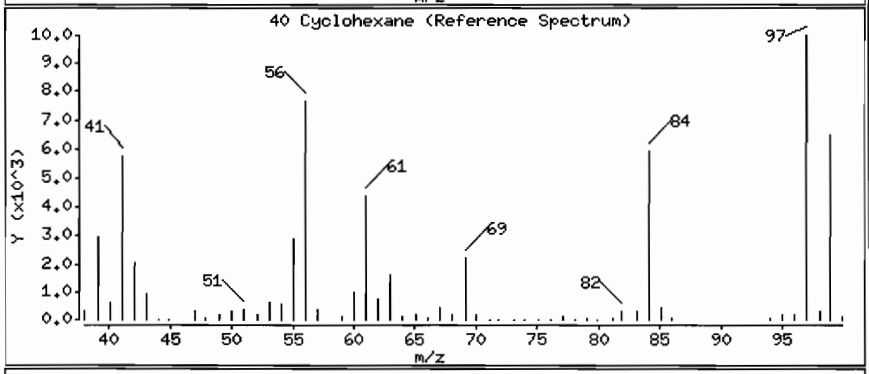
40 Cyclohexane Concentration: 0.33 ppbv

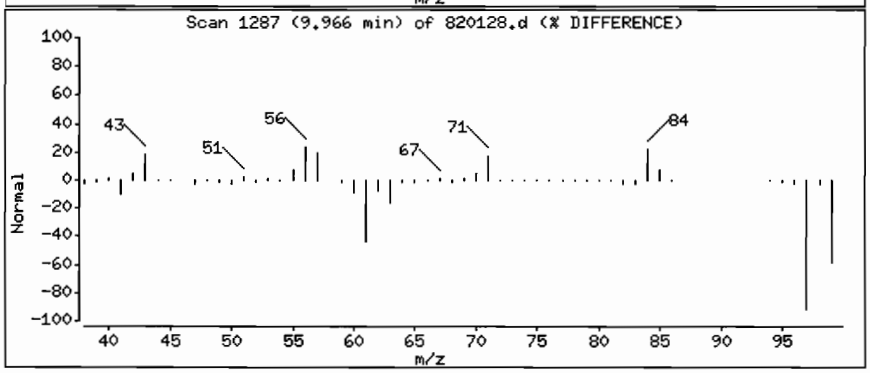












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

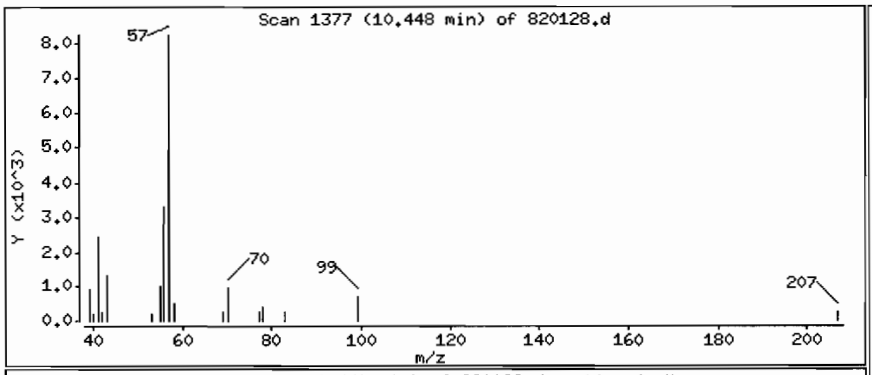
Operator: wrd

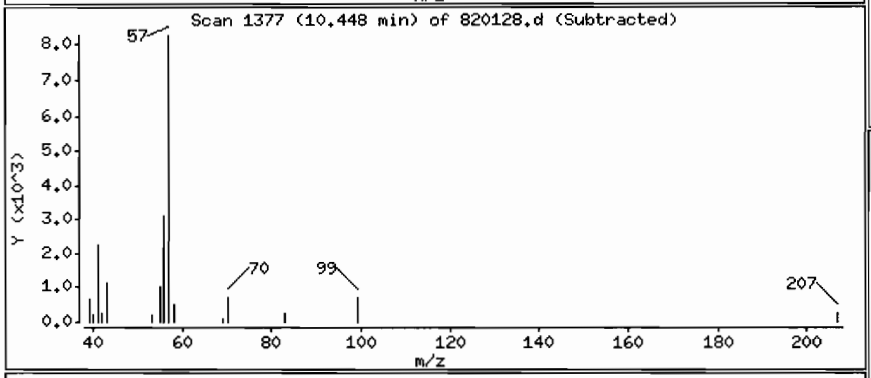
Column phase: RTX-624

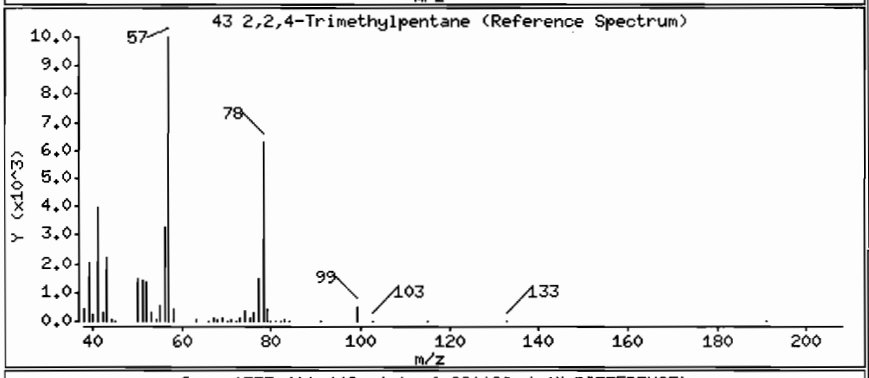
Column diameter: 0.32

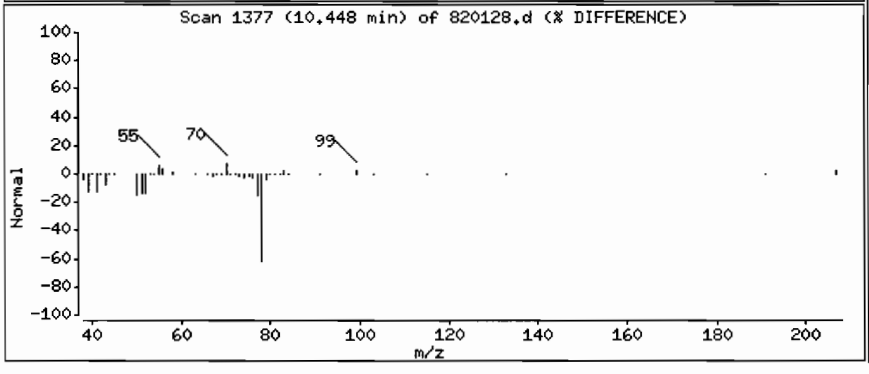
43 2,2,4-Trimethylpentane

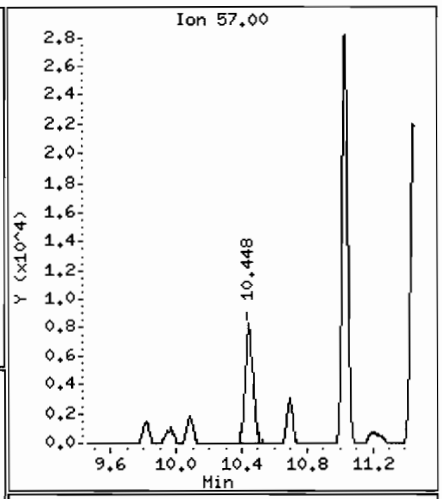
Concentration: 0.32 ppbv

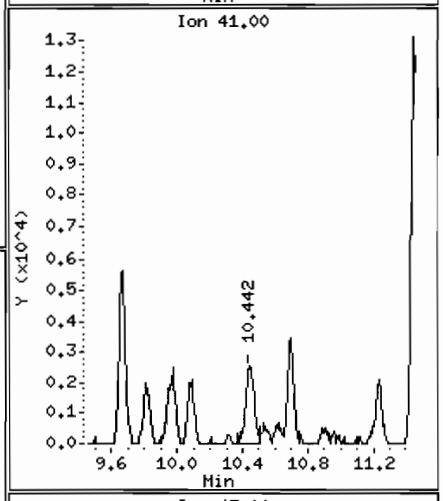


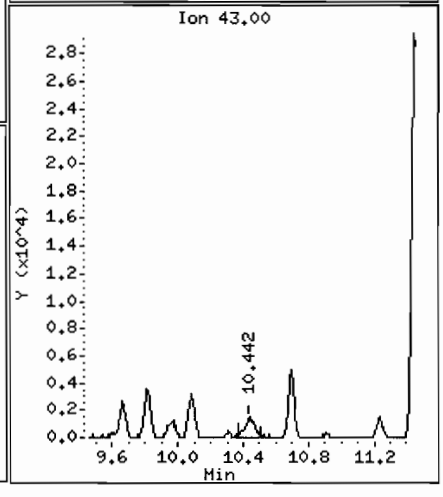












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

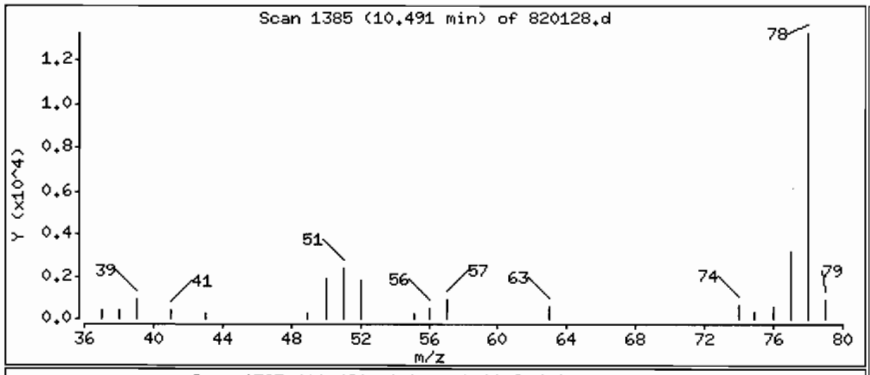
Client ID: CE-VAPOR-8 Instrument: F.i

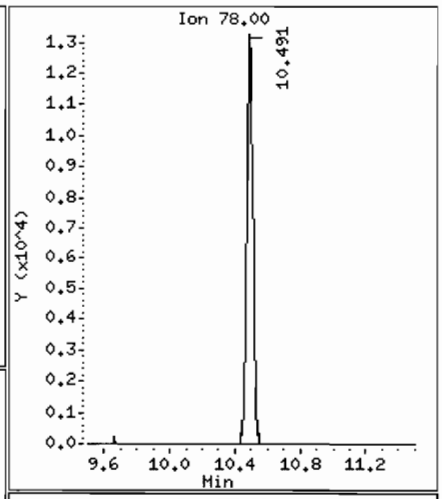
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

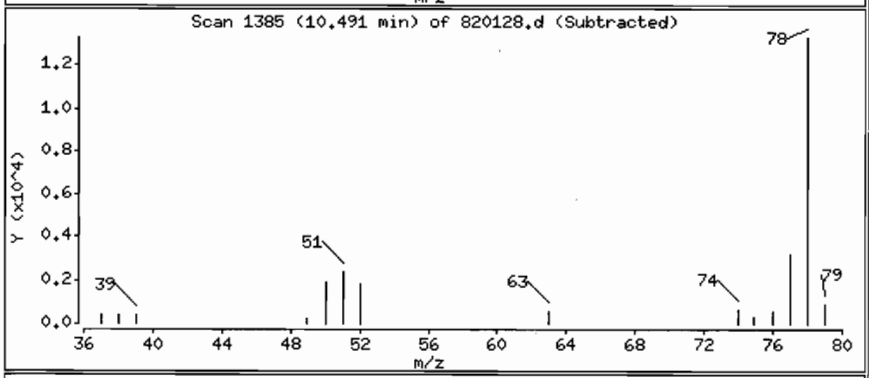
Purge Volume: 200.0 Operator: wrd

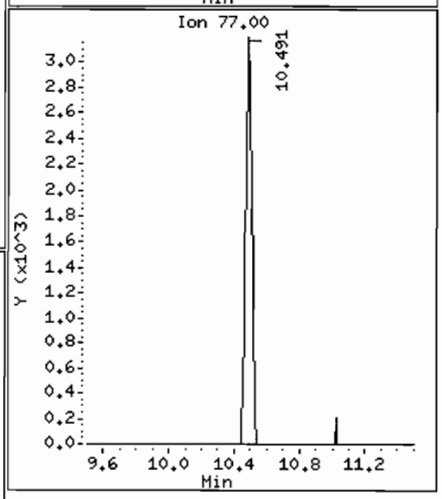
Column phase: RTX-624 Column diameter: 0.32

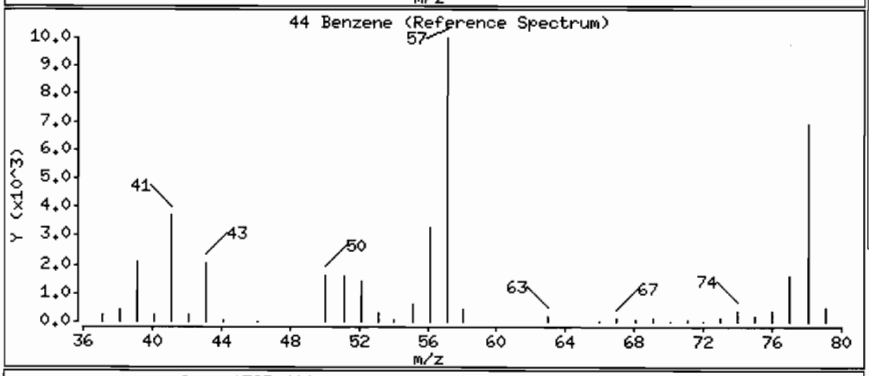
44 Benzene Concentration: 0.54 ppbv

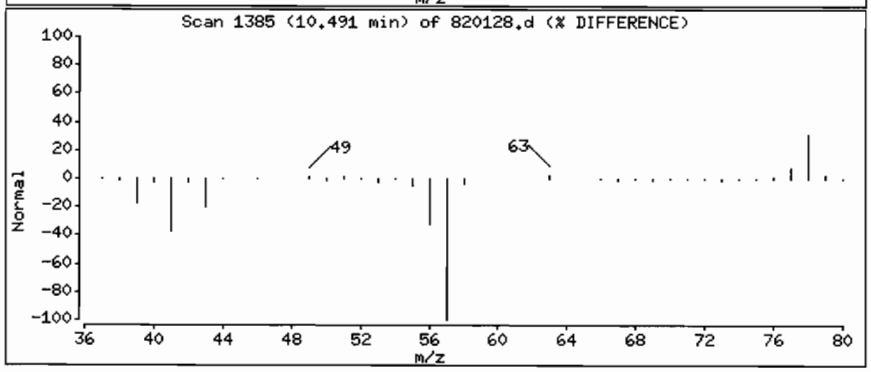












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

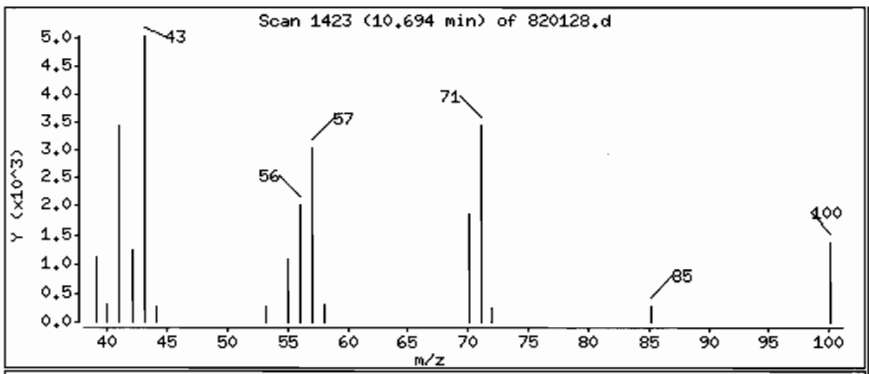
Client ID: CE-VAPOR-8 Instrument: F.i

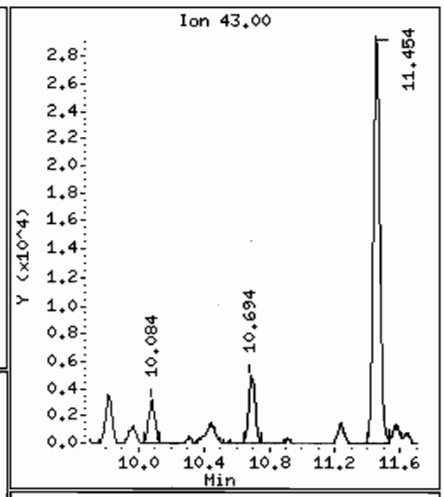
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

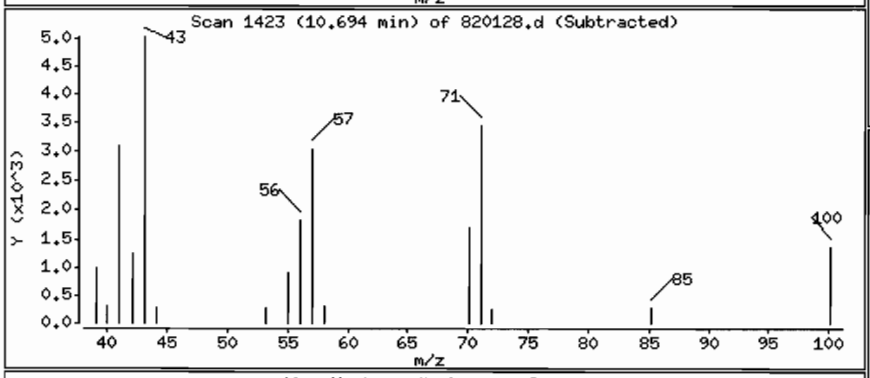
Purge Volume: 200.0 Operator: wrd

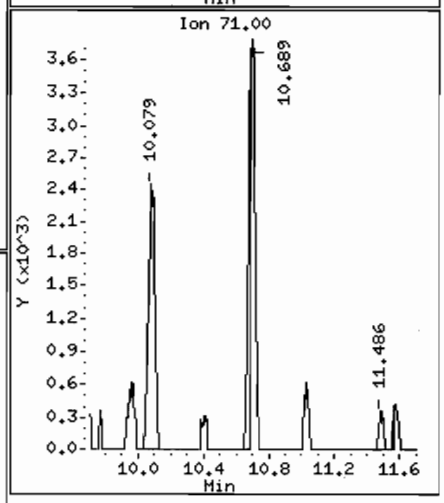
Column phase: RTX-624 Column diameter: 0.32

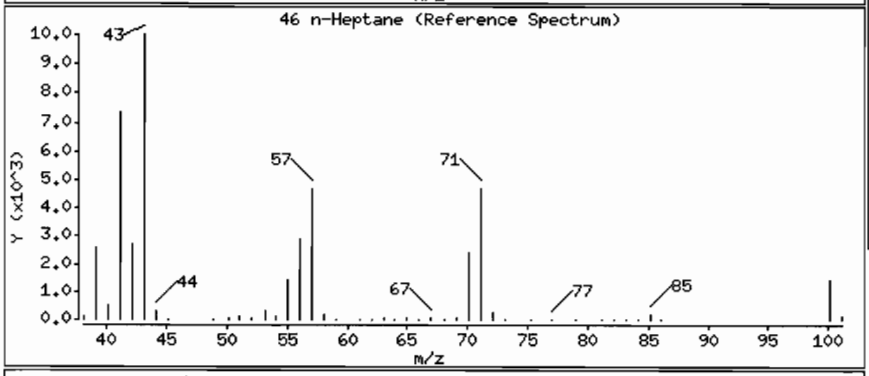
46 n-Heptane Concentration: 0.45 ppbv

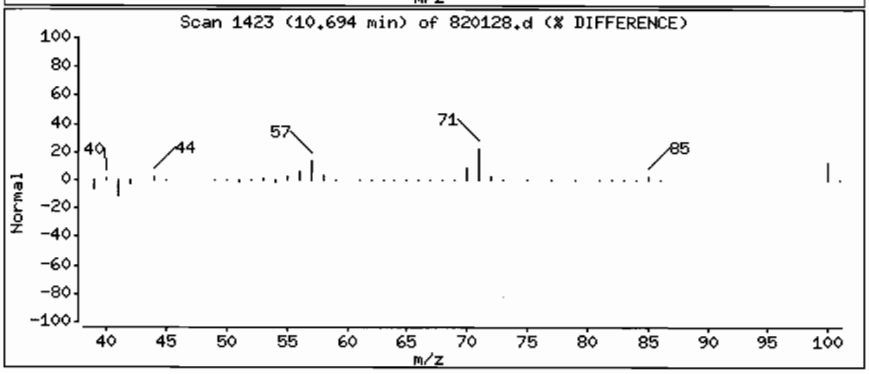












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

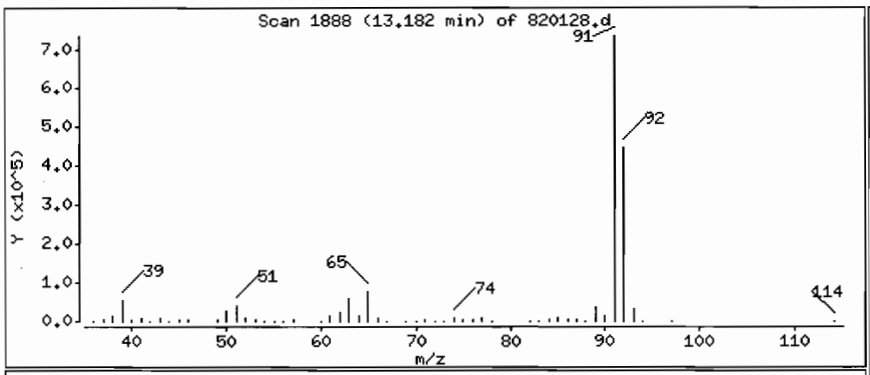
Operator: wrd

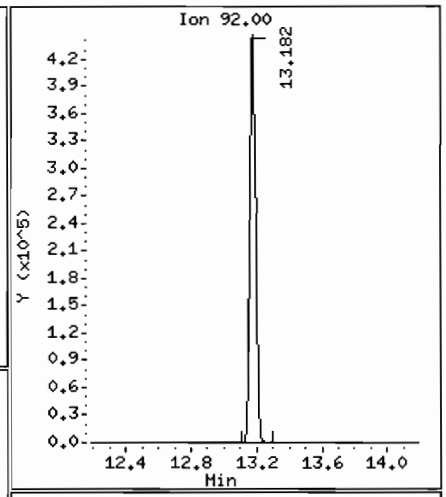
Column phase: RTX-624

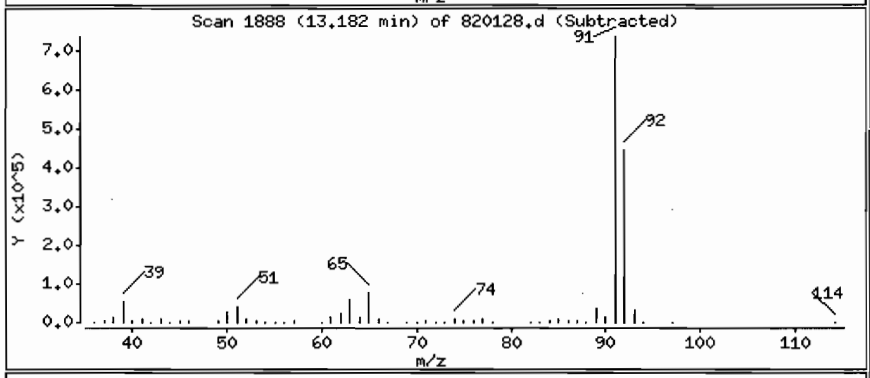
Column diameter: 0.32

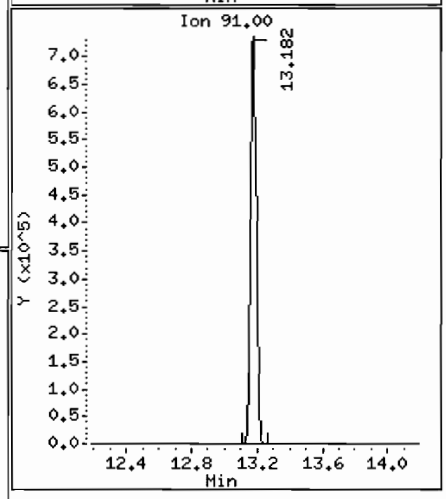
58 Toluene

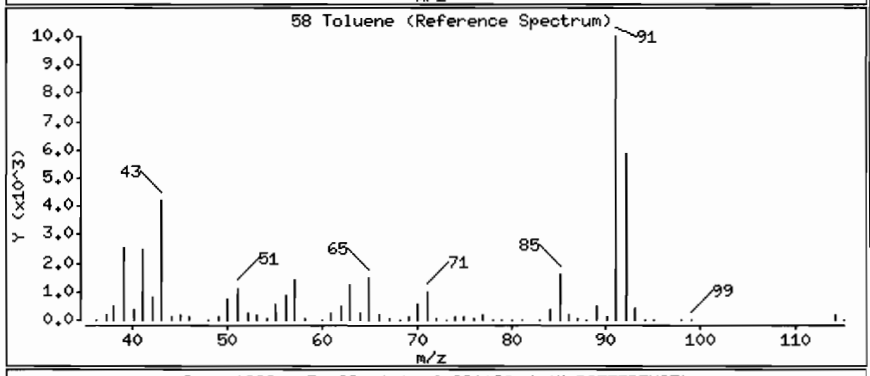
Concentration: 21 ppbv

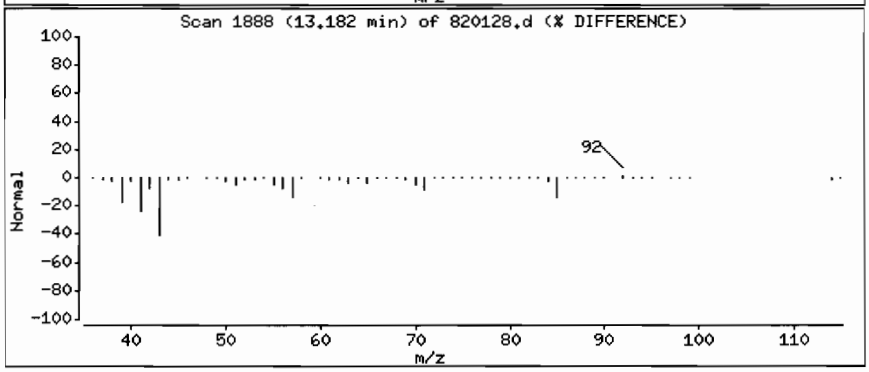












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

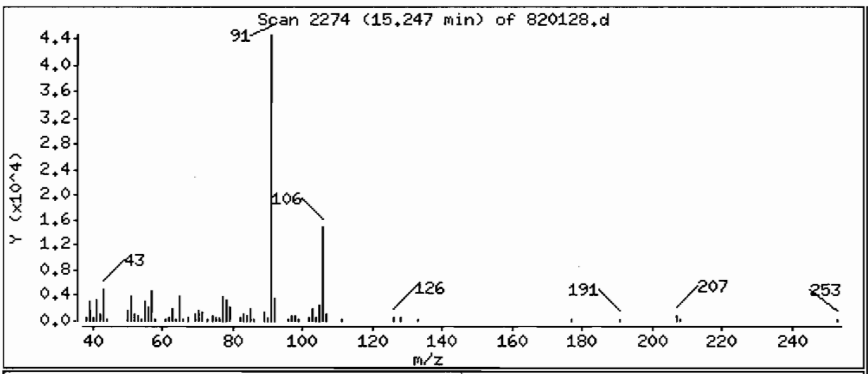
Client ID: CE-VAPOR-8 Instrument: F.i

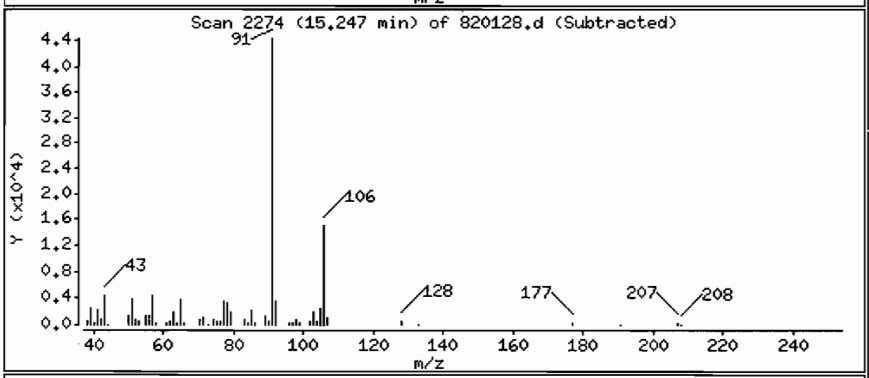
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

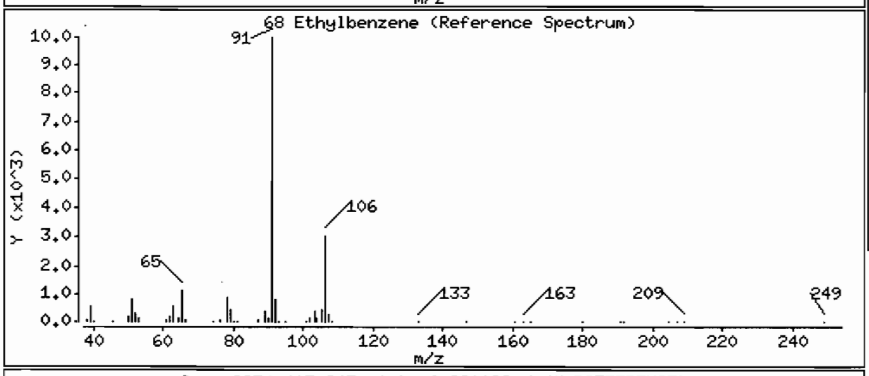
Purge Volume: 200.0 Operator: wrd

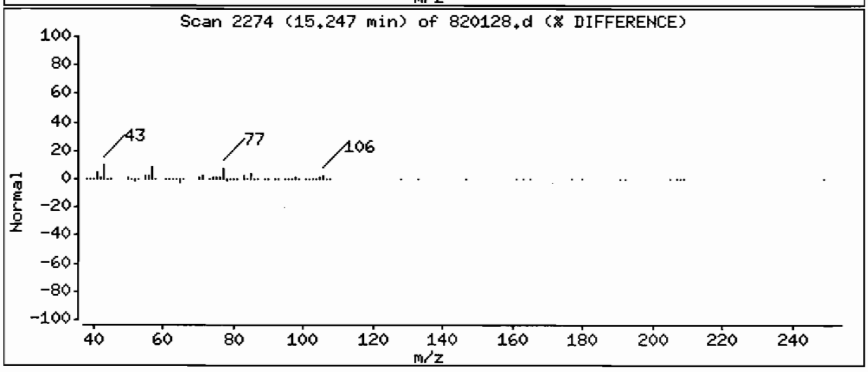
Column phase: RTX-624 Column diameter: 0.32

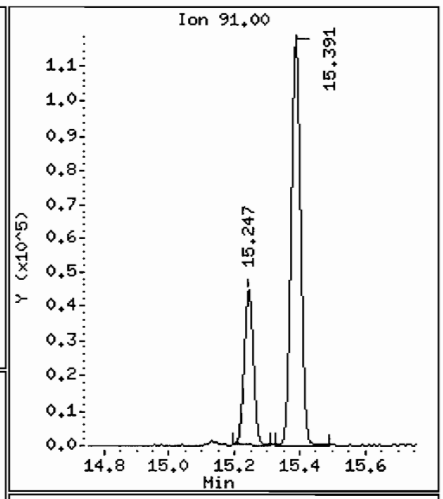
68 Ethylbenzene Concentration: 0.83 ppbv

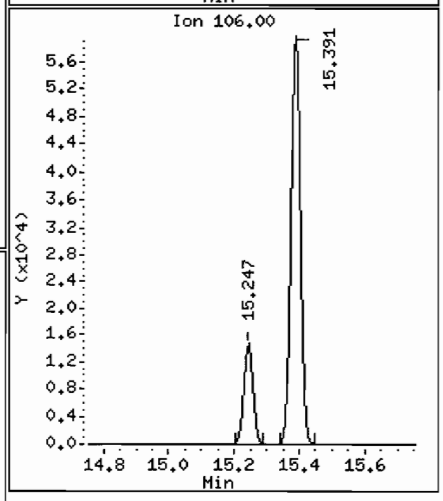












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

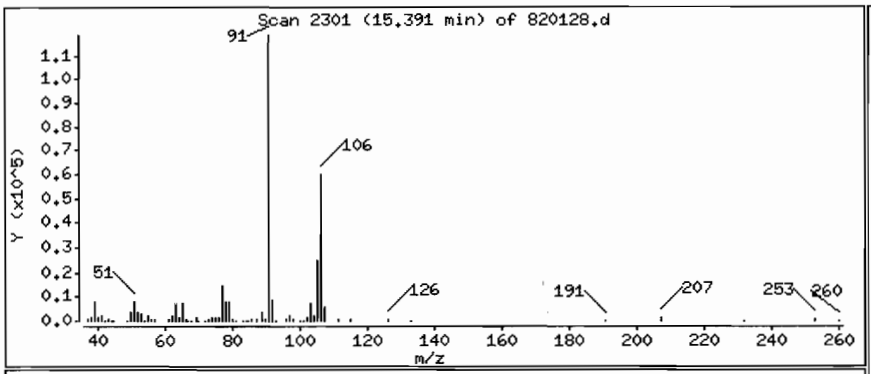
Client ID: CE-VAPOR-8 Instrument: F.i

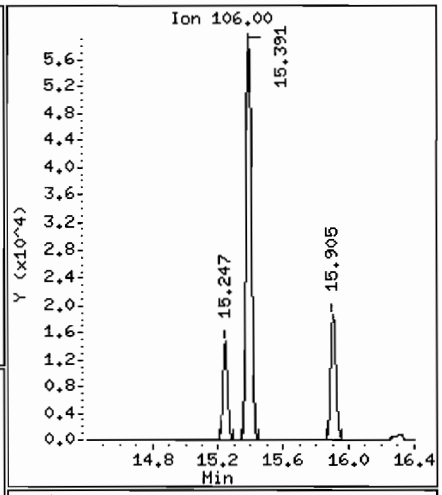
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

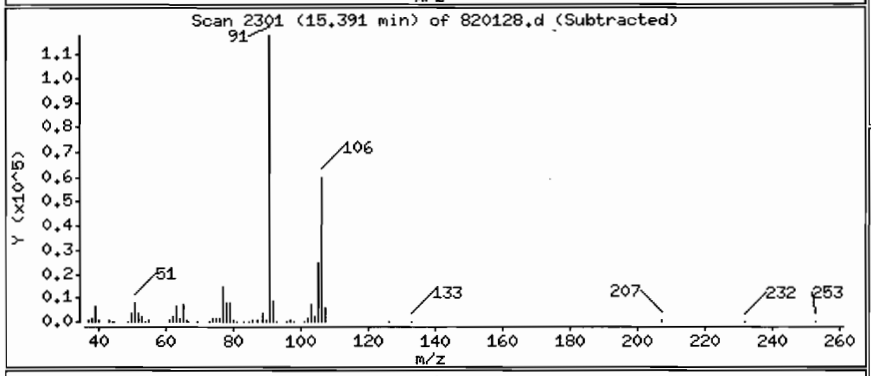
Purge Volume: 200.0 Operator: wrd

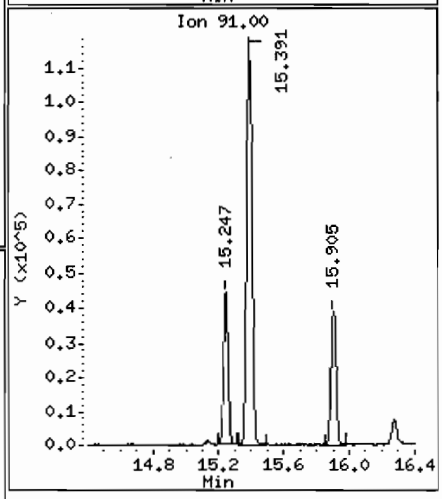
Column phase: RTX-624 Column diameter: 0.32

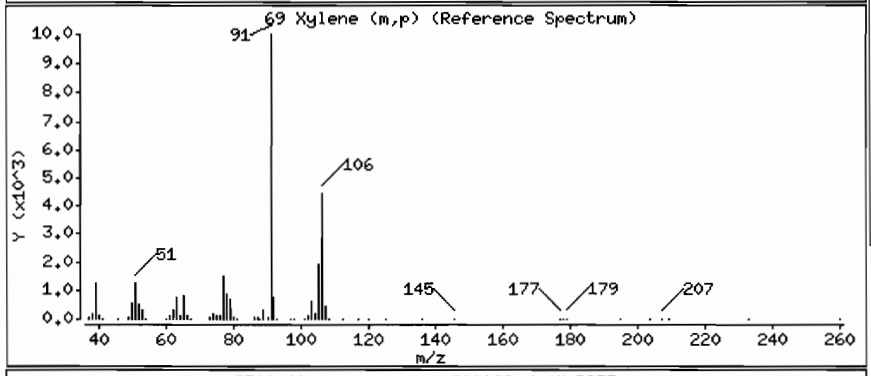
69 Xylene (m,p) Concentration: 2.8 ppbv

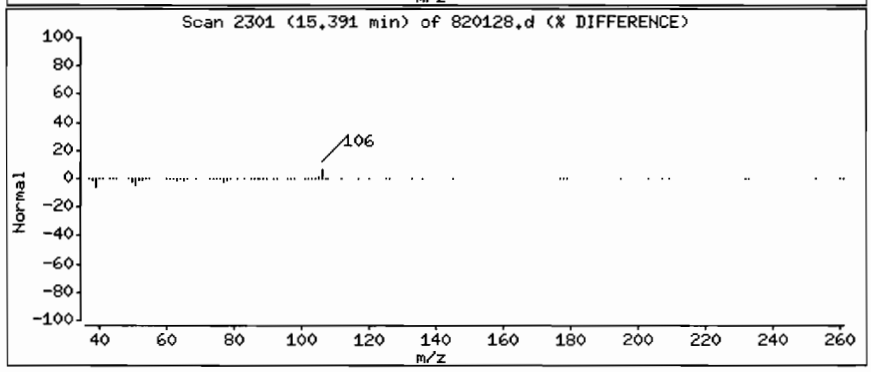












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

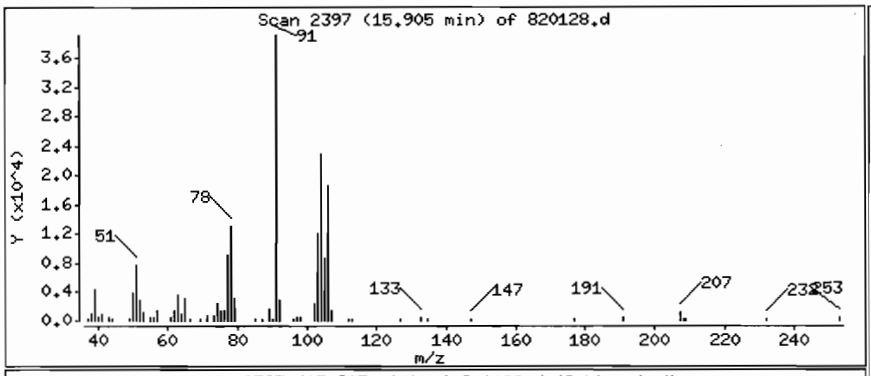
Client ID: CE-VAPOR-8 Instrument: F.i

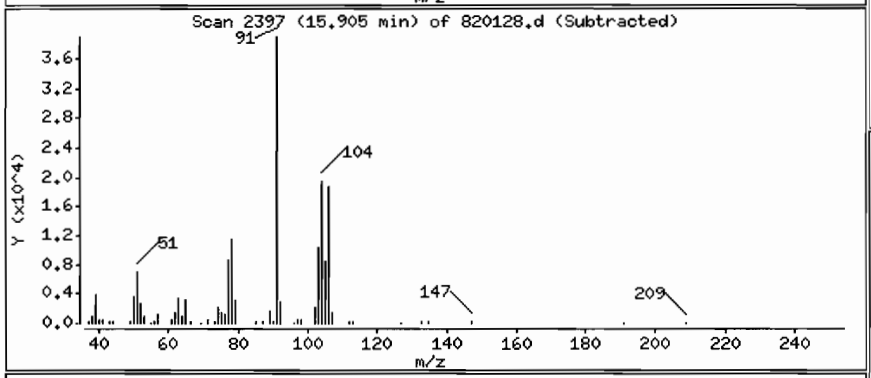
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

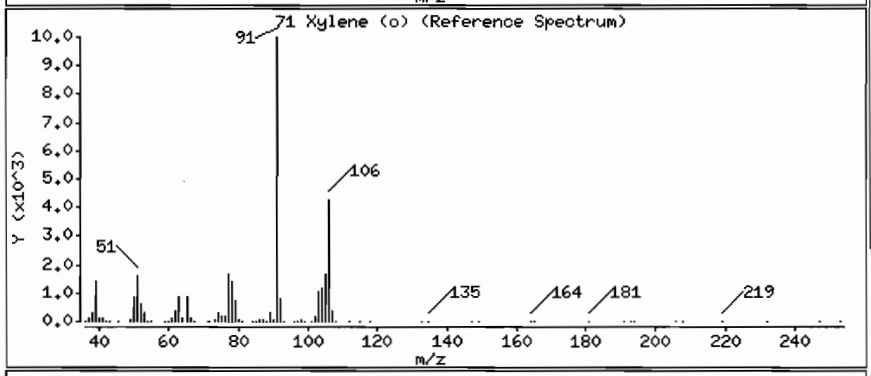
Purge Volume: 200.0 Operator: wrd

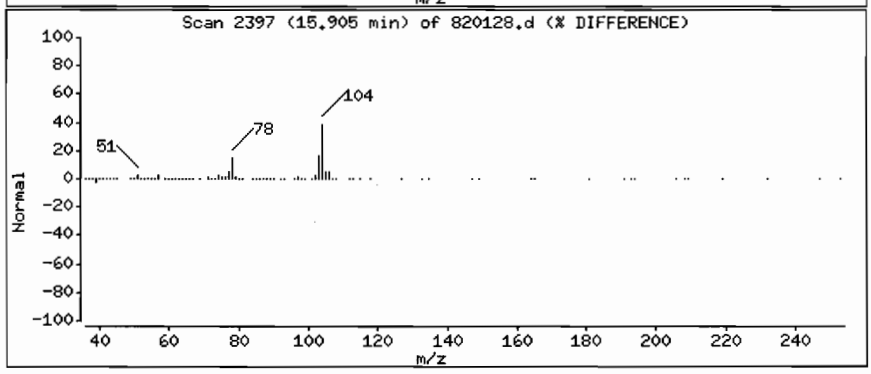
Column phase: RTX-624 Column diameter: 0.32

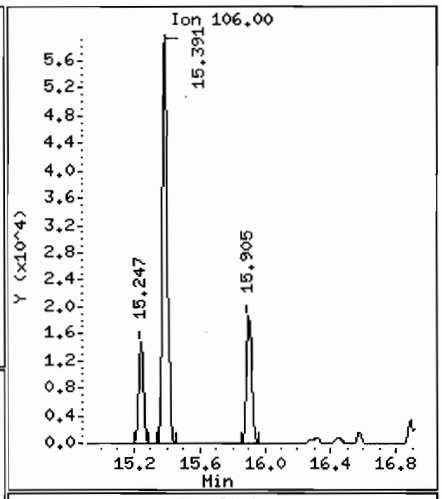
71 Xylene (o) Concentration: 0.88 ppbv

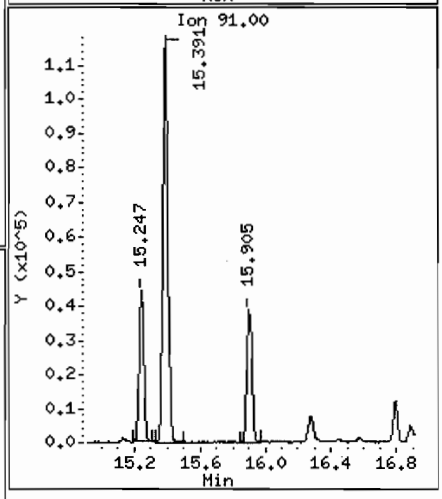












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

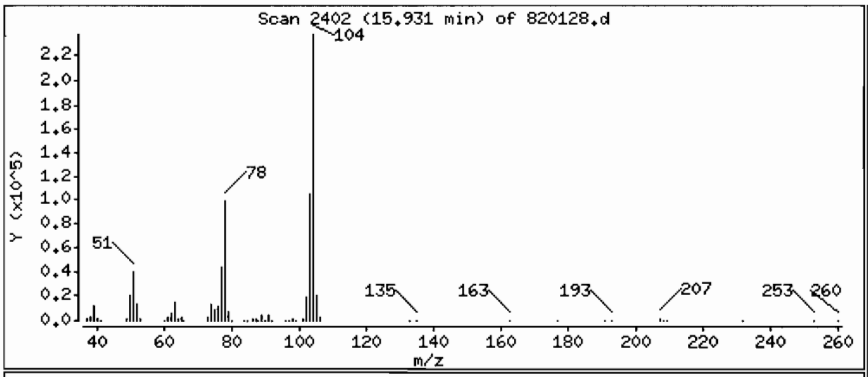
Operator: wrd

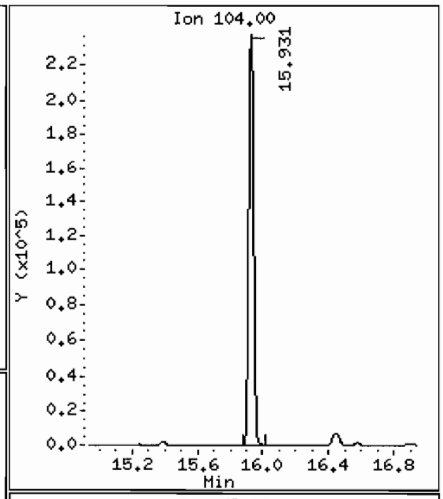
Column phase: RTX-624

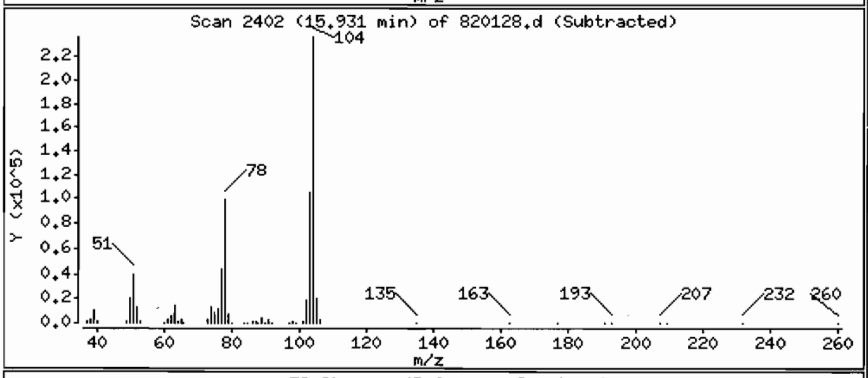
Column diameter: 0.32

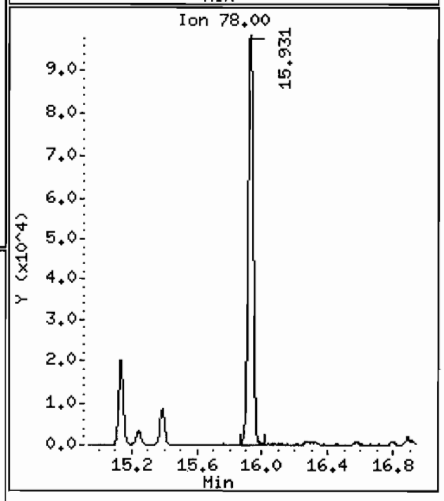
72 Styrene

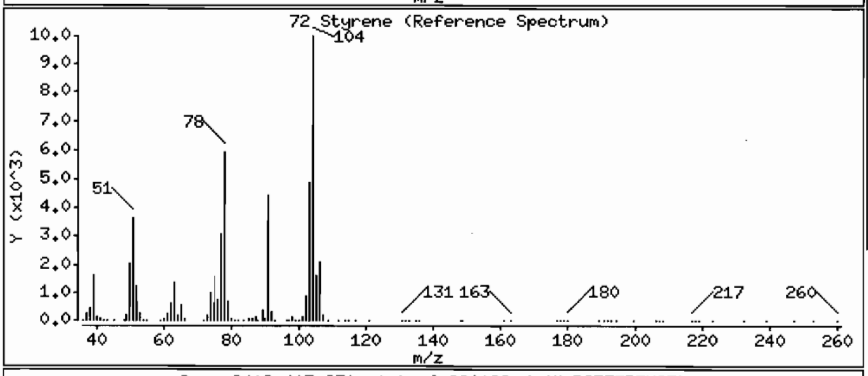
Concentration: 6.7 ppbv

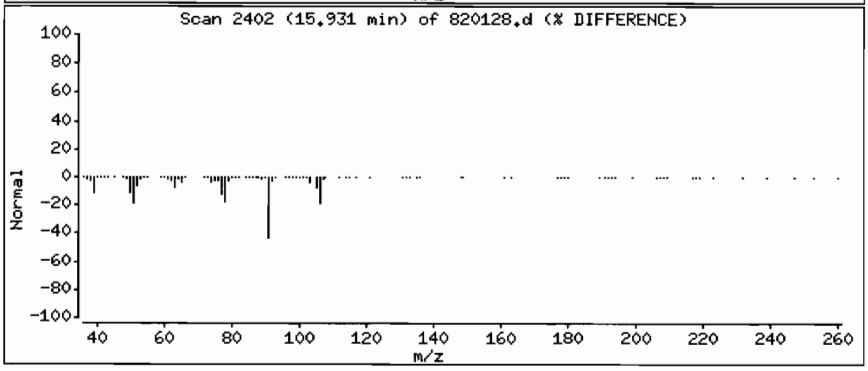












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

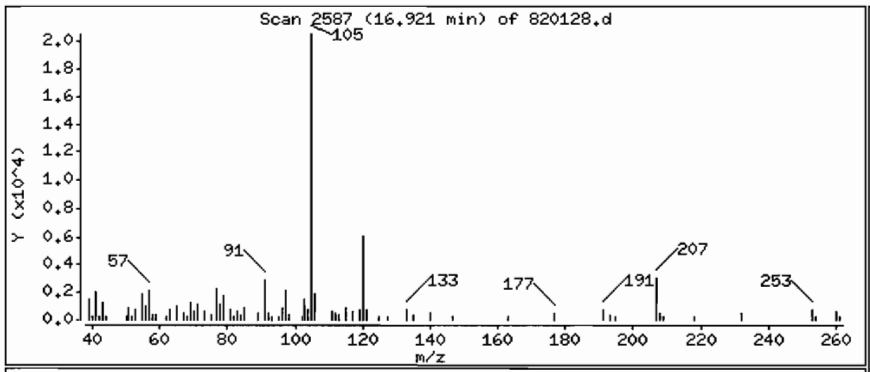
Client ID: CE-VAPOR-8 Instrument: F.i

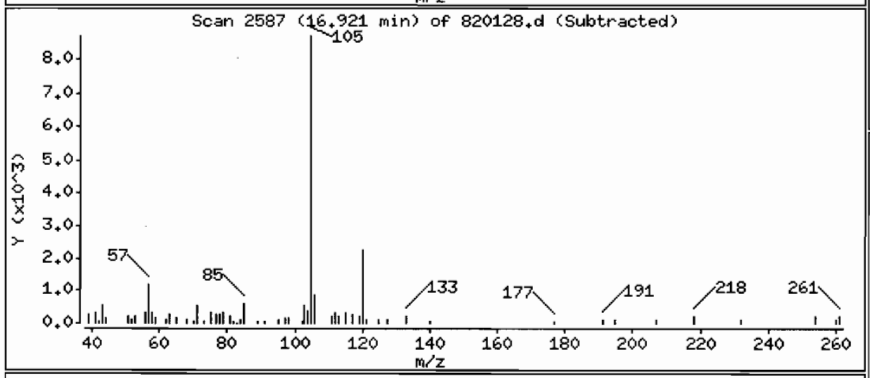
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

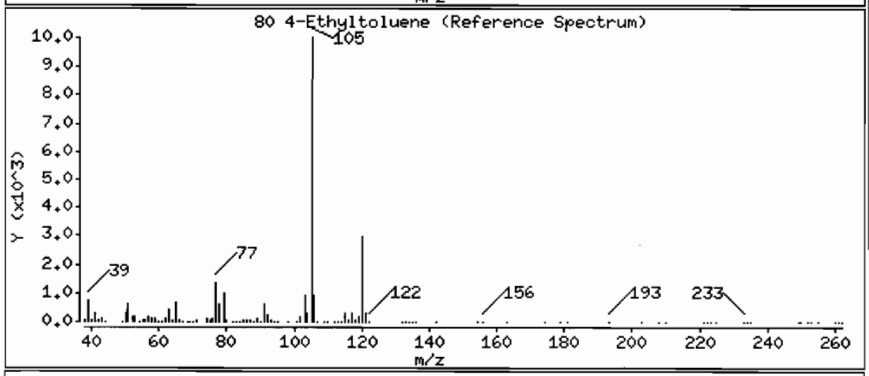
Purge Volume: 200.0 Operator: wrd

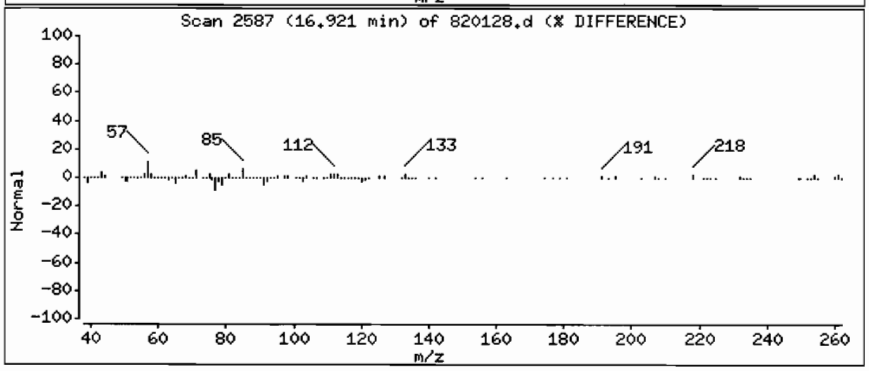
Column phase: RTX-624 Column diameter: 0.32

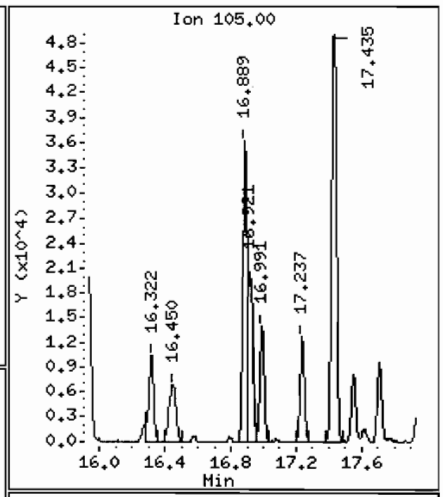
80 4-Ethyltoluene Concentration: 0.26 ppbv

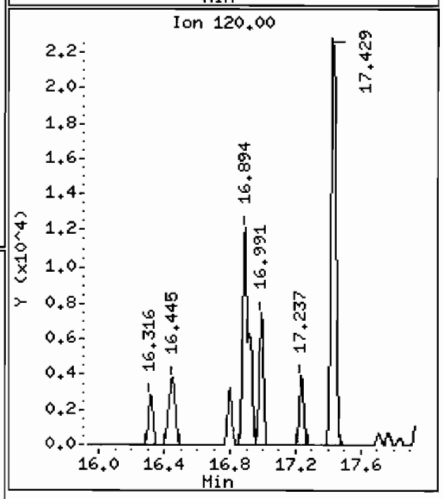












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

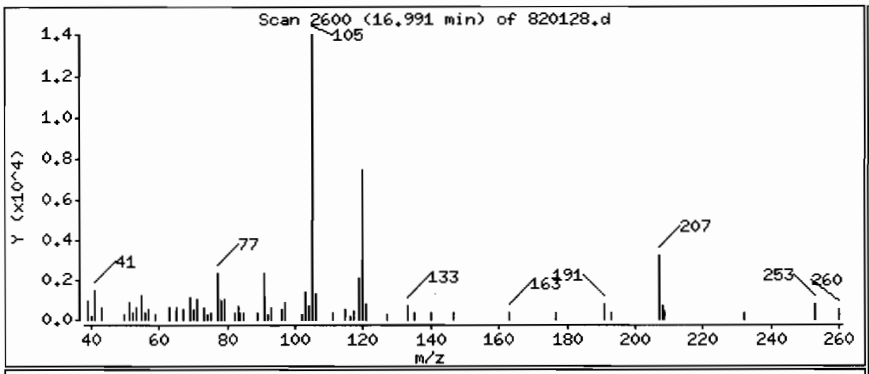
Client ID: CE-VAPOR-8 Instrument: F.i

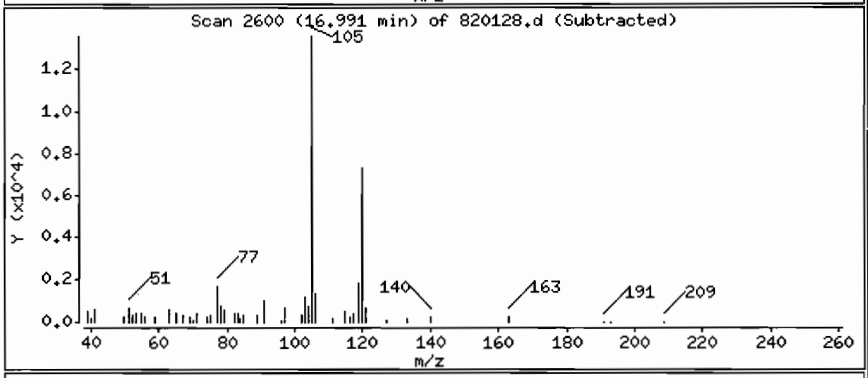
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

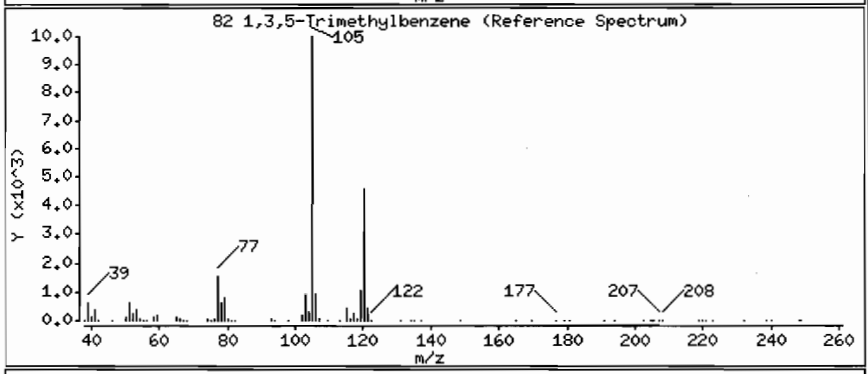
Purge Volume: 200.0 Operator: wrd

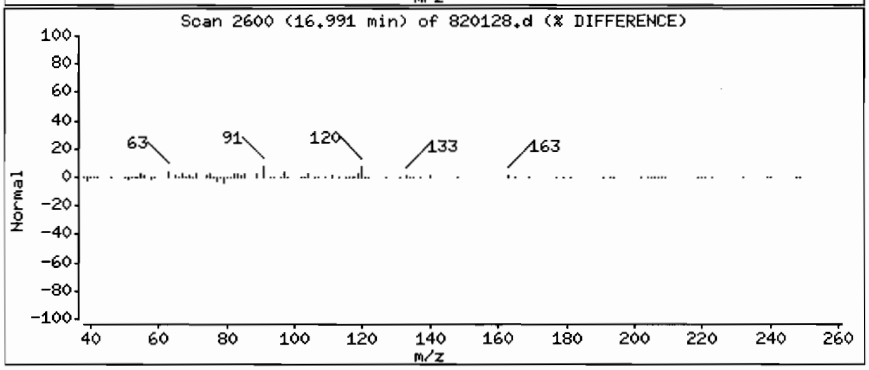
Column phase: RTX-624 Column diameter: 0.32

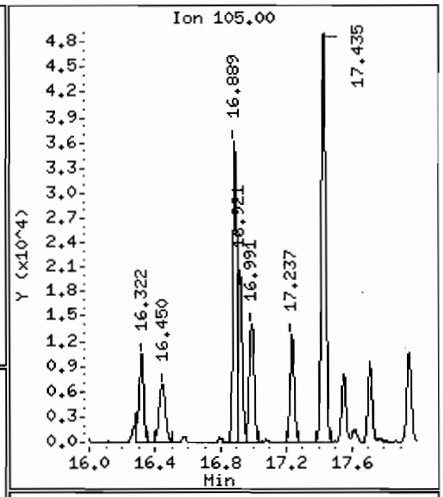
82 1,3,5-Trimethylbenzene Concentration: 0.24 ppbv

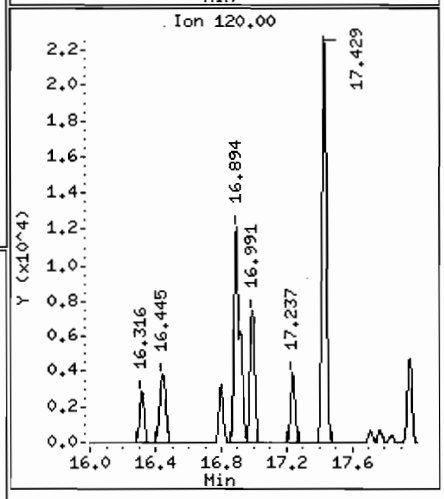












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

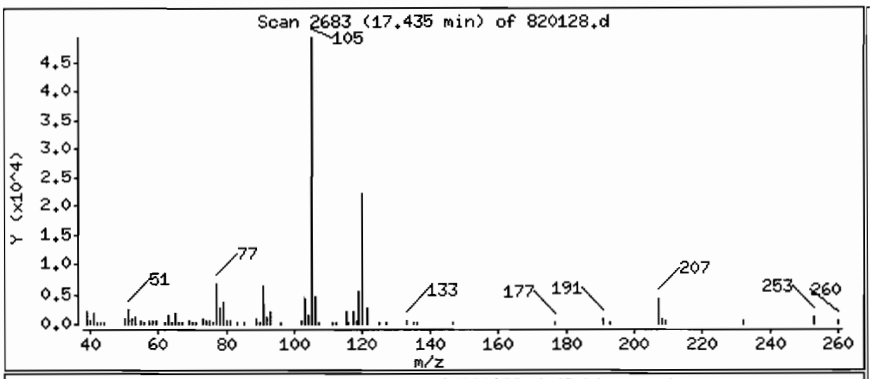
Operator: wrd

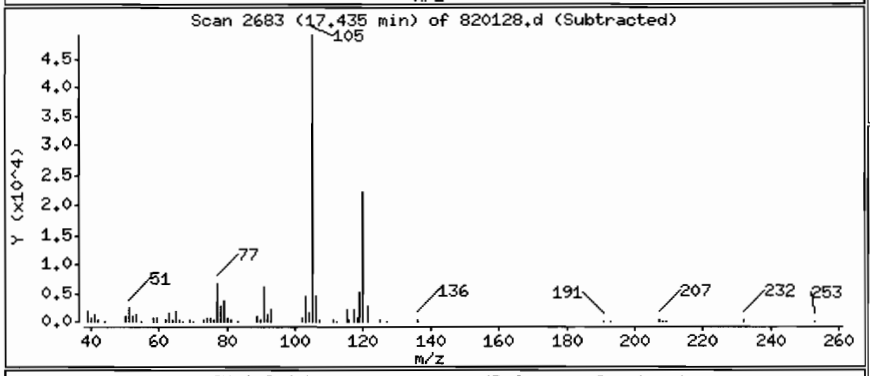
Column phase: RTX-624

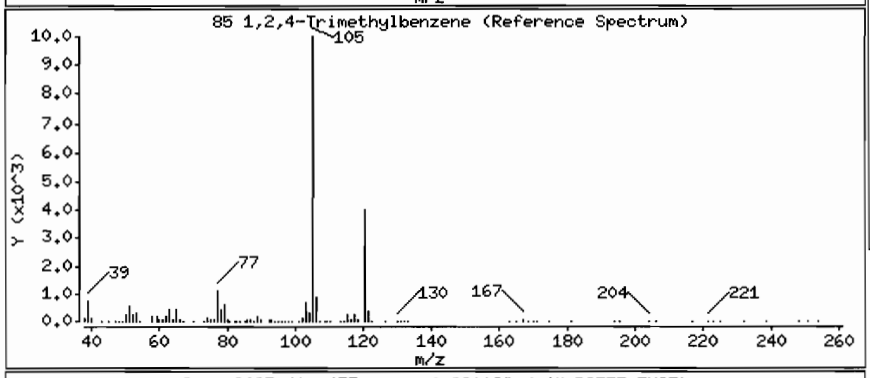
Column diameter: 0.32

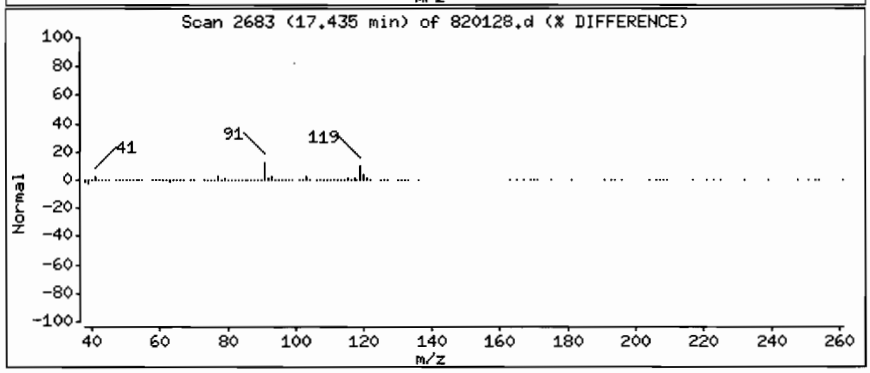
85 1,2,4-Trimethylbenzene

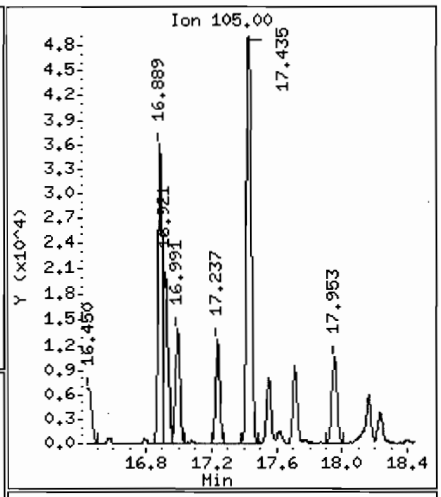
Concentration: 0.80 ppbv

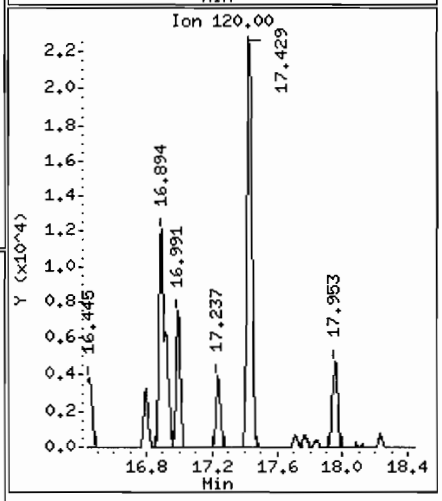












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

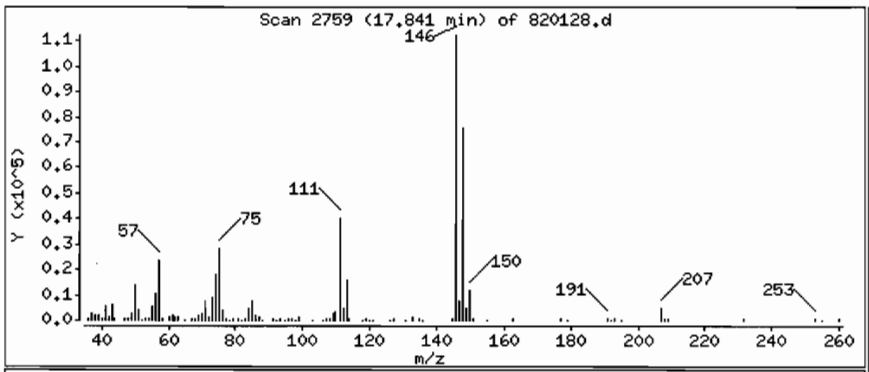
Client ID: CE-VAPOR-8 Instrument: F.i

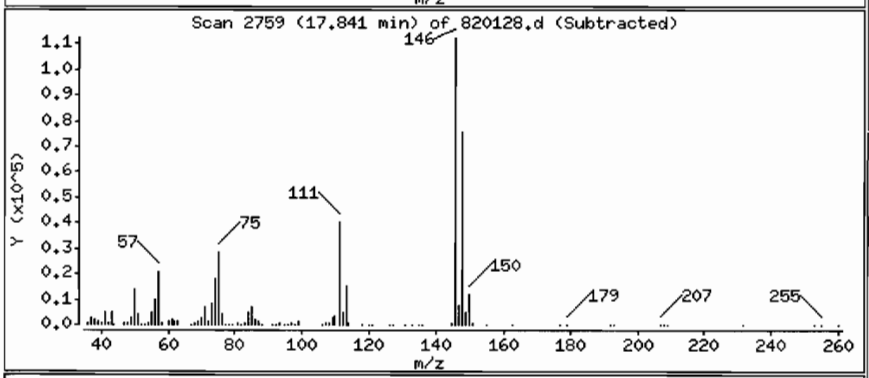
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

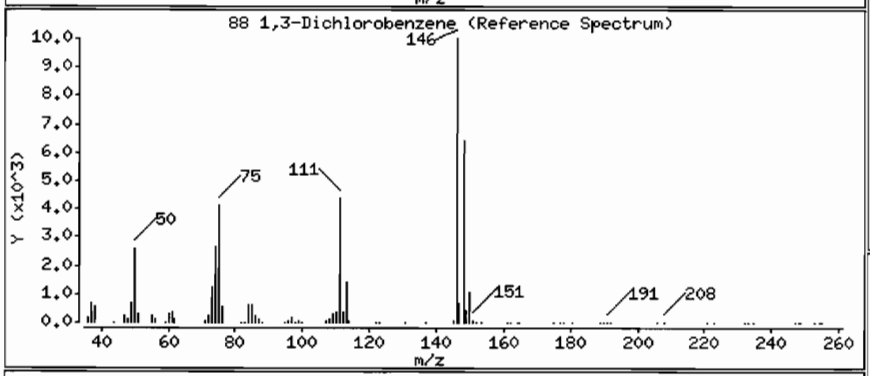
Purge Volume: 200.0 Operator: wrd

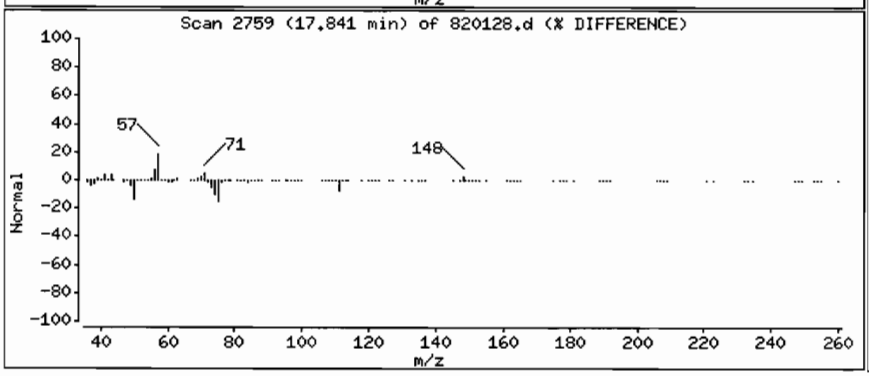
Column phase: RTX-624 Column diameter: 0.32

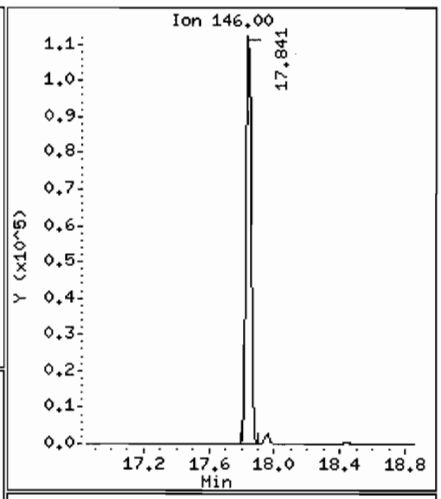
88 1,3-Dichlorobenzene Concentration: 2.5 ppbv

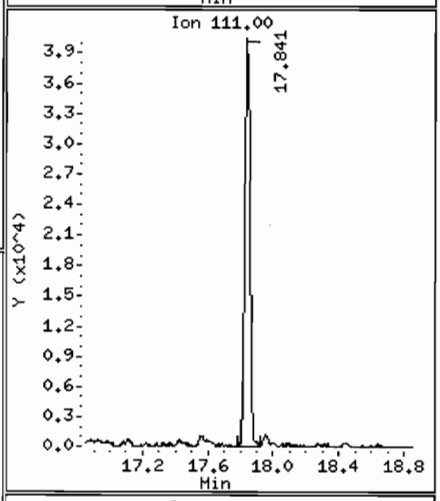


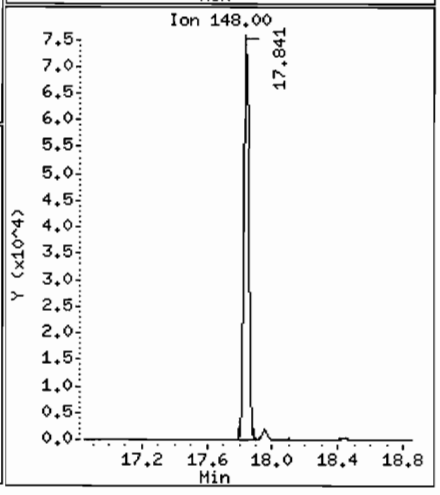












Standards – TO-15 Volatile

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

LAB FILE ID: RRF0.2=FDL002V RRF0.5=FDL005V
RRF5 =FDL05V RRF10 =FDL10V RRF15 =FDL15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.659	2.514	2.917	2.725		
1,2-Dichlorotetrafluoroethan	1.848	2.396	2.441	2.659	2.469		
Chloromethane		0.518	0.478	0.523	0.492		
Vinyl Chloride	0.488	0.642	0.667	0.748	0.699		
1,3-Butadiene	0.300	0.431	0.470	0.518	0.485		
Bromomethane	0.663	0.807	0.805	0.969	0.924		
Chloroethane		0.350	0.357	0.400	0.386		
Bromoethene	0.611	0.826	0.841	1.002	0.994		
Trichlorofluoromethane	3.083	2.972	3.055	3.424	3.254		
Freon TF	1.409	1.613	1.654	1.900	1.864		
1,1-Dichloroethene	0.526	0.693	0.713	0.838	0.831		
Acetone			1.396	1.189	1.105		
Isopropyl Alcohol			0.844	0.863	0.802		
Carbon disulfide		2.060	2.148	2.457	2.398		
3-Chloropropene	0.569	0.793	0.777	0.854	0.814		
Methylene chloride		0.824	0.747	0.806	0.767		
tert-Butyl Alcohol			1.475	1.581	1.522		
Methyl tert-Butyl Ether	1.945	2.472	2.504	2.842	2.741		
trans-1,2-Dichloroethene	0.845	1.102	1.168	1.301	1.244		
n-Hexane	1.434	1.075	1.074	1.208	1.161		
1,1-Dichloroethane *	1.128	1.389	1.435	1.609	1.525		*
Methyl Ethyl Ketone		0.480	0.383	0.424	0.414		
cis-1,2-Dichloroethene	0.660	0.820	0.860	1.007	0.996		
1,2-Dichloroethene,Total	0.752	0.961	1.014	1.154	1.120		
Chloroform	1.602	2.049	2.049	2.299	2.232		
Tetrahydrofuran			0.145	0.158	0.151		
1,1,1-Trichloroethane	0.376	0.494	0.508	0.576	0.563		
Cyclohexane	0.177	0.222	0.221	0.261	0.258		
Carbon tetrachloride	0.454	0.525	0.559	0.645	0.638		
2,2,4-Trimethylpentane	0.574	0.686	0.702	0.792	0.771		
Benzene	0.619	0.488	0.493	0.564	0.557		
1,2-Dichloroethane	0.219	0.297	0.298	0.327	0.313		
n-Heptane	0.239	0.240	0.249	0.272	0.261		
Trichloroethene	0.198	0.253	0.261	0.300	0.296		
1,2-Dichloropropane	0.127	0.164	0.170	0.194	0.188		
1,4-Dioxane			0.081	0.087	0.085		
Bromodichloromethane	0.302	0.414	0.468	0.542	0.533		

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

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

LAB FILE ID: RRF0.2=FDL002V RRF0.5=FDL005V
RRF5 =FDL05V RRF10 =FDL10V RRF15 =FDL15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene	0.228	0.284	0.309	0.361	0.356			
Methyl Isobutyl Ketone		0.300	0.330	0.372	0.357			
Toluene	0.570	0.390	0.404	0.470	0.466			
trans-1,3-Dichloropropene	0.262	0.334	0.370	0.417	0.412			
1,1,2-Trichloroethane	0.145	0.184	0.192	0.224	0.221			
Tetrachloroethene	0.320	0.368	0.391	0.475	0.480			
Methyl Butyl Ketone		0.304	0.330	0.367	0.359			
Dibromochloromethane	0.303	0.402	0.503	0.612	0.615			
1,2-Dibromoethane	0.290	0.377	0.413	0.485	0.486			
Chlorobenzene	* 0.489	0.562	0.593	0.690	0.694			*
Ethylbenzene	0.892	0.931	0.981	1.117	1.097			
Xylene (m,p)	0.351	0.361	0.400	0.457	0.452			
Xylene (o)	0.324	0.354	0.389	0.448	0.448			
Xylenes, Total	0.324	0.354	0.389	0.448	0.448			
Styrene	0.350	0.464	0.581	0.695	0.703			
Bromoform	0.319	0.400	0.537	0.668	0.679			
1,1,2,2-Tetrachloroethane	0.410	0.514	0.544	0.611	0.600			
4-Ethyltoluene	1.057	1.151	1.251	1.421	1.399			
1,3,5-Trimethylbenzene	0.768	0.916	1.060	1.202	1.183			
2-Chlorotoluene	0.804	1.030	1.053	1.175	1.141			
1,2,4-Trimethylbenzene	0.854	0.971	1.084	1.222	1.198			
1,3-Dichlorobenzene	0.624	0.706	0.781	0.910	0.906			
1,4-Dichlorobenzene	0.651	0.714	0.782	0.914	0.916			
1,2-Dichlorobenzene	0.584	0.683	0.751	0.870	0.864			
1,2,4-Trichlorobenzene		0.549	0.586	0.729	0.745			
Hexachlorobutadiene	0.384	0.470	0.509	0.602	0.599			

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

FORM VI VOA

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

LAB FILE ID: RRF20 =FDL20V RRF40 =FDL40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.534	2.270				2.603	8.4
1,2-Dichlorotetrafluoroethan	2.317	2.080				2.316	11.7
Chloromethane	0.461	0.421				0.482	7.9
Vinyl Chloride	0.662	0.606				0.644	12.8
1,3-Butadiene	0.460	0.426				0.441	15.8
Bromomethane	0.884	0.834				0.841	11.8
Chloroethane	0.372	0.350				0.369	5.6
Bromoethene	0.970	0.904				0.878	15.6
Trichlorofluoromethane	3.145	2.857				3.113	6.0
Freon TF	1.858	1.759				1.722	10.2
1,1-Dichloroethene	0.837	0.801				0.748	15.3
Acetone	1.030	0.941				1.132	15.3
Isopropyl Alcohol	0.771	0.690				0.794	8.6
Carbon disulfide	2.370	2.243				2.279	6.8
3-Chloropropene	0.779	0.720				0.758	12.2
Methylene chloride	0.740	0.678				0.760	6.9
tert-Butyl Alcohol	1.465	1.346				1.478	5.9
Methyl tert-Butyl Ether	2.693	2.531				2.532	11.6
trans-1,2-Dichloroethene	1.215	1.118				1.142	13.0
n-Hexane	1.128	1.052				1.162	11.4
1,1-Dichloroethane *	1.493	1.375				1.422	10.8*
Methyl Ethyl Ketone	0.408	0.383				0.415	8.7
cis-1,2-Dichloroethene	0.997	0.949				0.898	14.2
1,2-Dichloroethene,Total	1.106	1.033				1.020	13.3
Chloroform	2.180	2.047				2.065	11.0
Tetrahydrofuran	0.145	0.136				0.147	5.4
1,1,1-Trichloroethane	0.552	0.526				0.514	13.1
Cyclohexane	0.258	0.250				0.235	13.0
Carbon tetrachloride	0.633	0.614				0.581	12.4
2,2,4-Trimethylpentane	0.755	0.710				0.713	10.2
Benzene	0.554	0.538				0.545	8.2
1,2-Dichloroethane	0.304	0.288				0.292	11.8
n-Heptane	0.249	0.227				0.248	6.0
Trichloroethene	0.297	0.291				0.271	13.7
1,2-Dichloropropane	0.185	0.177				0.172	13.0
1,4-Dioxane	0.084	0.080				0.083	3.5
Bromodichloromethane	0.524	0.501				0.469	18.3

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

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Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

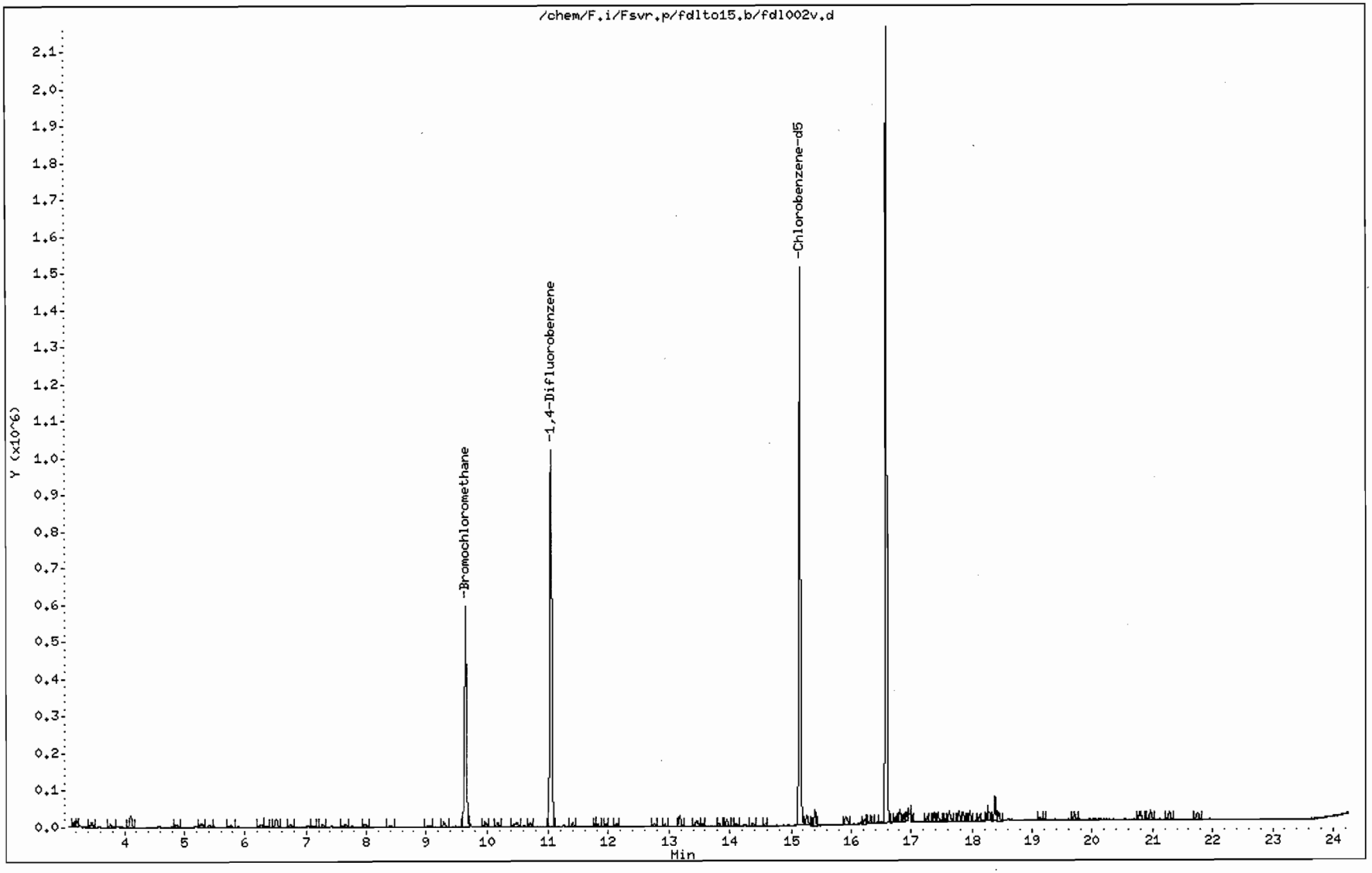
LAB FILE ID: RRF20 =FDL20V RRF40 =FDL40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.352	0.342				0.319	15.4
Methyl Isobutyl Ketone	0.342	0.318				0.336	7.7
Toluene	0.470	0.450				0.460	12.7
trans-1,3-Dichloropropene	0.405	0.390				0.370	15.0
1,1,2-Trichloroethane	0.222	0.214				0.200	14.5
Tetrachloroethene	0.494	0.498				0.432	16.5
Methyl Butyl Ketone	0.343	0.318				0.337	7.2
Dibromochloromethane	0.624	0.617				0.525	24.4
1,2-Dibromoethane	0.493	0.480				0.432	17.8
Chlorobenzene *	0.706	0.698				0.633	13.5*
Ethylbenzene	1.089	1.024				1.019	8.6
Xylene (m,p)	0.455	0.435				0.416	10.9
Xylene (o)	0.445	0.431				0.406	12.5
Xylenes, Total	0.445	0.431				0.406	12.5
Styrene	0.710	0.693				0.599	23.8
Bromoform	0.688	0.672				0.566	26.8
1,1,2,2-Tetrachloroethane	0.594	0.554				0.547	12.7
4-Ethyltoluene	1.376	1.300				1.279	10.6
1,3,5-Trimethylbenzene	1.165	1.090				1.055	15.1
2-Chlorotoluene	1.132	1.043				1.054	11.7
1,2,4-Trimethylbenzene	1.176	1.110				1.088	12.2
1,3-Dichlorobenzene	0.907	0.885				0.817	14.1
1,4-Dichlorobenzene	0.912	0.890				0.826	13.3
1,2-Dichlorobenzene	0.862	0.837				0.779	14.2
1,2,4-Trichlorobenzene	0.761	0.761				0.688	13.8
Hexachlorobutadiene	0.595	0.554				0.530	15.4

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

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl002v.d
Date : 03-FEB-2010 21:06
Client ID: ASTD0.2
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl002v.d
Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
Inj Date : 03-FEB-2010 21:06
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD0002;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 21:06 Cal File: fdl002v.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.172	(0.328)	3708	0.20000	0.42(aQ)
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	15257	0.20000	0.26(a)
3 Chlorodifluoromethane	51	3.263	3.269	(0.338)	5910	0.20000	0.25(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	8271	0.20000	0.16(a)
5 Chloromethane	50	3.590	3.595	(0.372)	3177	0.20000	0.29(a)
6 Butane	43	3.772	3.777	(0.391)	7578	0.20000	0.43(a)
7 Vinyl chloride	62	3.814	3.820	(0.395)	2182	0.20000	0.15(a)
8 Butadiene	54	3.889	3.889	(0.403)	1344	0.20000	0.14(aM)
9 Bromomethane	94	4.579	4.579	(0.475)	2967	0.20000	0.16(a)
10 Chloroethane	64	4.809	4.809	(0.499)	973	0.20000	0.12(aQ)
11 2-Methylbutane	43	4.874	4.884	(0.505)	5015	0.20000	0.31
12 Vinyl bromide	106	5.195	5.200	(0.539)	2736	0.20000	0.14(aM)
13 Trichlorofluoromethane	101	5.280	5.291	(0.547)	13800	0.20000	0.20
14 Pentane	43	5.414	5.425	(0.561)	6109	0.20000	0.28(a)
15 Ethanol	45	5.762	5.751	(0.597)	6403	0.20000	1.2(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
16	Ethyl ether	59	5.890	5.890	(0.611)	1527	0.20000	0.14 (a)
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.286	6.281	(0.652)	6308	0.20000	0.16 (a)
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	6.345	6.350	(0.658)	2356	0.20000	0.14 (a)
20	Acetone	43	6.516	6.516	(0.676)	40817	0.20000	1.6 (a)
21	Carbon disulfide	76	6.751	6.757	(0.700)	7810	0.20000	0.15 (a)
22	Isopropyl alcohol	45	Compound Not Detected.					
23	3-Chloro-1-propene	41	7.024	7.030	(0.728)	2545	0.20000	0.15 (a)
24	Acetonitrile	41	7.110	7.110	(0.737)	3791	0.20000	0.39 (a)
25	Methylene chloride	49	7.281	7.281	(0.755)	5548	0.20000	0.33 (a)
26	2-Methyl-2-propanol	59	7.415	7.399	(0.769)	4993	0.20000	0.15 (aM)
27	Methyl tert-butyl ether	73	7.623	7.623	(0.790)	8704	0.20000	0.15 (a)
28	trans-1,2-Dichloroethene	61	7.671	7.672	(0.795)	3781	0.20000	0.15 (a)
29	Acrylonitrile	53	7.768	7.763	(0.805)	1318	0.20000	0.12 (a)
30	Hexane	57	7.982	7.993	(0.828)	6418	0.20000	0.25 (a)
31	1,1-Dichloroethane	63	8.399	8.404	(0.871)	5050	0.20000	0.16 (aM)
32	Vinyl acetate	43	8.410	8.415	(0.872)	5340	0.20000	0.14 (aM)
M 33	1,2-Dichloroethene,Total	61				6734	0.40000	0.29
34	cis-1,2-Dichloroethene	96	9.282	9.293	(0.962)	2953	0.20000	0.15 (a)
35	Ethyl acetate	88	Compound Not Detected.					
36	2-Butanone (MEK)	72	9.292	9.293	(0.963)	2857	0.20000	0.31 (aQ)
* 37	Bromochloromethane	128	9.645	9.656	(1.000)	223786	10.0000	
38	Tetrahydrofuran	42	9.688	9.667	(0.877)	2259	0.20000	0.14 (a)
39	Chloroform	83	9.720	9.726	(1.008)	7171	0.20000	0.16 (a)
40	Cyclohexane	84	9.983	9.983	(0.904)	3946	0.20000	0.15 (a)
41	1,1,1-Trichloroethane	97	9.972	9.977	(0.903)	8364	0.20000	0.15 (a)
42	Carbon tetrachloride	117	10.170	10.175	(0.921)	10101	0.20000	0.16 (a)
43	Isooctane	57	10.453	10.459	(0.947)	12753	0.20000	0.16 (a)
44	Benzene	78	10.496	10.502	(0.951)	13761	0.20000	0.23
45	1,2-Dichloroethane	62	10.603	10.609	(0.960)	4878	0.20000	0.15 (a)
46	n-Heptane	43	10.705	10.705	(0.969)	5313	0.20000	0.19 (a)
* 47	1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1111655	10.0000	
48	n-Butanol	56	11.245	11.234	(1.018)	2453	0.20000	0.26 (a)
49	Trichloroethene	95	11.400	11.400	(1.032)	4413	0.20000	0.15 (a)
50	1,2-Dichloropropane	63	11.769	11.780	(1.066)	2833	0.20000	0.15 (a)
51	Methyl methacrylate	69	11.823	11.823	(1.071)	2555	0.20000	0.12 (aQ)
52	Dibromomethane	174	11.957	11.962	(1.083)	4211	0.20000	0.14 (a)
53	1,4-Dioxane	88	Compound Not Detected.					
54	Dichlorobromomethane	83	12.128	12.133	(1.098)	6715	0.20000	0.13 (a)
55	cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	5064	0.20000	0.14 (a)
56	4-Methyl-2-pentanone (MIBK)	43	12.925	12.920	(1.171)	5125	0.20000	0.14 (a)
57	n-Octane	43	13.171	13.171	(1.193)	7078	0.20000	0.18 (a)
58	Toluene	92	13.187	13.187	(0.871)	12195	0.20000	0.25
59	trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	5831	0.20000	0.14 (a)
60	1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	3097	0.20000	0.14 (a)
61	Tetrachloroethene	166	13.952	13.952	(0.922)	6848	0.20000	0.15 (a)
62	2-Hexanone	43	14.096	14.097	(0.931)	5549	0.20000	0.15 (a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.369	14.375	(0.949)	6491	0.20000	0.12(a)
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	6202	0.20000	0.13(a)
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1070315	10.0000	
	66 Chlorobenzene	112	15.177	15.183	(1.002)	10460	0.20000	0.15(a)
	67 n-Nonane	57	15.279	15.273	(1.009)	6870	0.20000	0.17(a)
	68 Ethylbenzene	91	15.252	15.252	(1.007)	19096	0.20000	0.18(a)
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	15046	0.40000	0.34(a)
M	70 Xylenes, Total	106				21980	0.20000	0.51
	71 o-Xylene	106	15.915	15.915	(1.051)	6934	0.20000	0.16(a)
	72 Styrene	104	15.937	15.937	(1.053)	7490	0.20000	0.12(a)
	73 Bromoform	173	16.226	16.226	(1.072)	6839	0.20000	0.11(a)
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	19172	0.20000	0.15(a)
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	8788	0.20000	0.15(a)
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	22717	0.20000	0.15(a)
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	8212	0.20000	0.16(a)
	79 n-Decane	57	16.873	16.873	(1.114)	8648	0.20000	0.16(a)
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	22621	0.20000	0.17(a)
	81 2-Chlorotoluene	91	16.964	16.969	(1.120)	17215	0.20000	0.15(aM)
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	16442	0.20000	0.15(a)
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	17226	0.20000	0.15(a)
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	18288	0.20000	0.16(a)
	86 sec-Butylbenzene	105	17.622	17.627	(1.164)	23635	0.20000	0.15(a)
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	20730	0.20000	0.14(a)
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.179)	13362	0.20000	0.15(a)
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	13931	0.20000	0.16(a)
	90 Benzyl chloride	91	18.114	18.120	(1.196)	16248	0.20000	0.15(a)
	91 Undecane	57	18.248	18.248	(1.205)	9516	0.20000	0.15(a)
	92 n-Butylbenzene	91	18.285	18.285	(1.208)	18064	0.20000	0.15(a)
	93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	12494	0.20000	0.15(a)
	94 Dodecane	57	19.703	19.703	(1.301)	9776	0.20000	0.16(aM)
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	11853	0.20000	0.16(a)
	96 Hexachlorobutadiene	225	20.965	20.966	(1.385)	8217	0.20000	0.14(a)
	97 Naphthalene	128	21.276	21.281	(1.405)	29669	0.20000	0.19(a)
	98 1,2,3-Trichlorobenzene	180	21.747	21.752	(1.436)	11495	0.20000	0.17(a)

QC Flag Legend

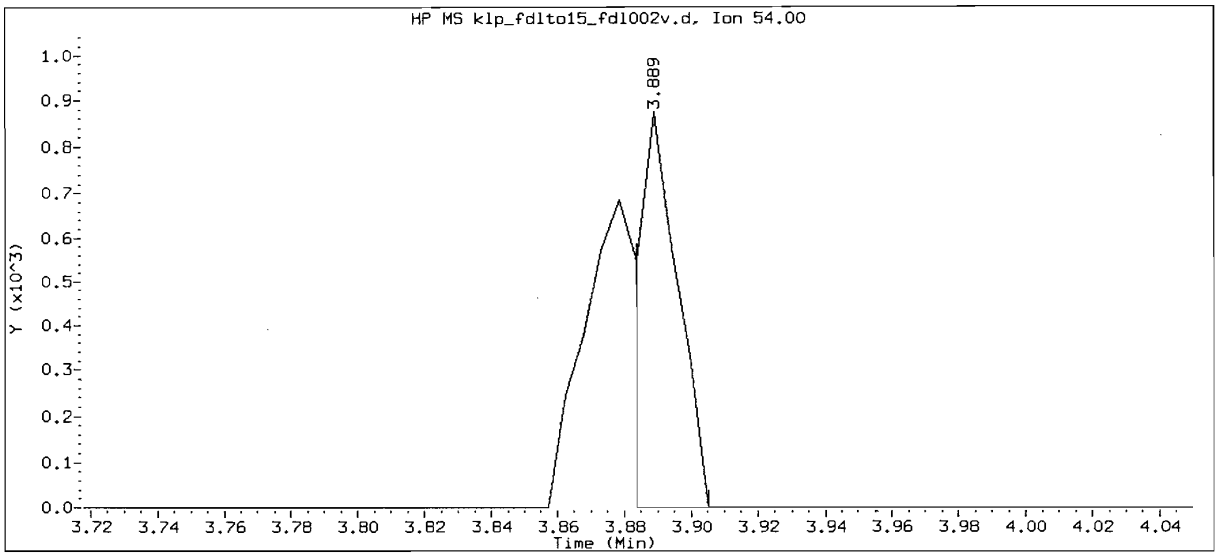
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

MANUAL INTEGRATION REPORT

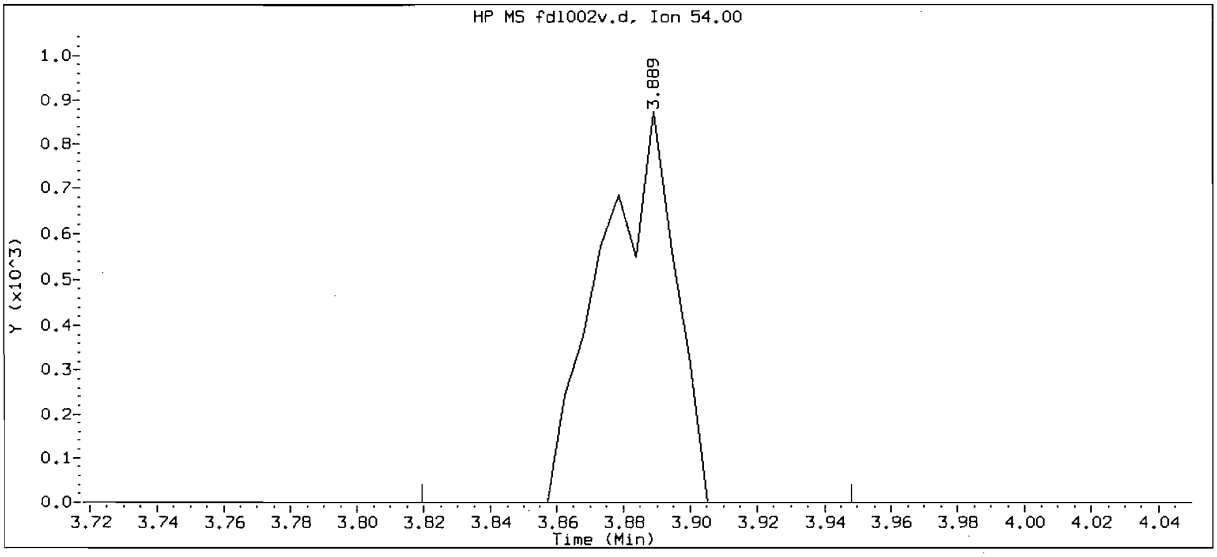
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Butadiene

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 106-99-0

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41



Original Integration: Area = 742



Final Integration: Area = 1344

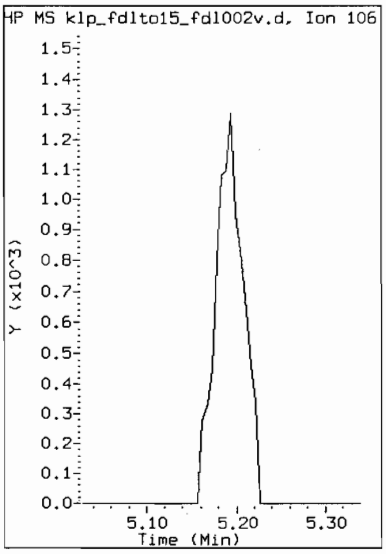
Manual Integration Reason: MI2 - Peak missed

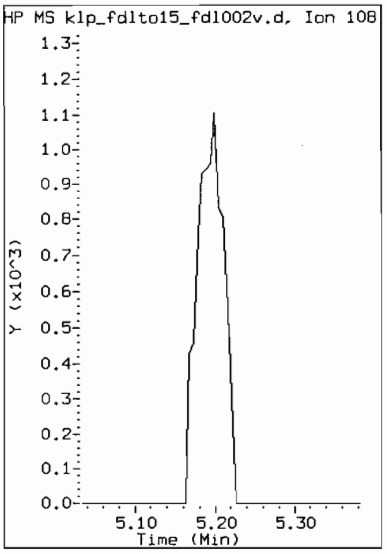
MANUAL INTEGRATION REPORT

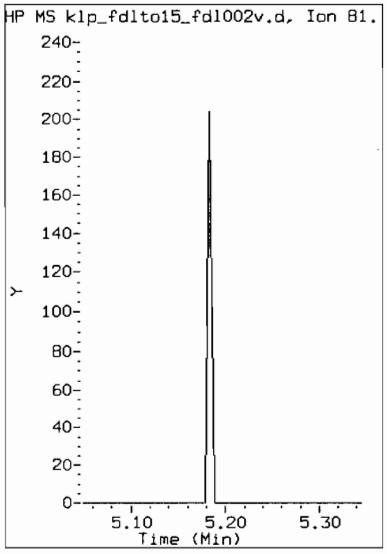
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Vinyl bromide

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 593-60-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

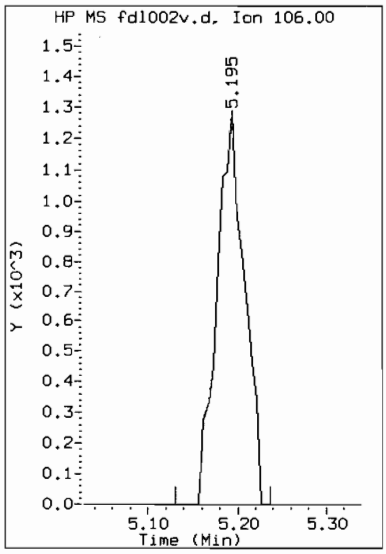


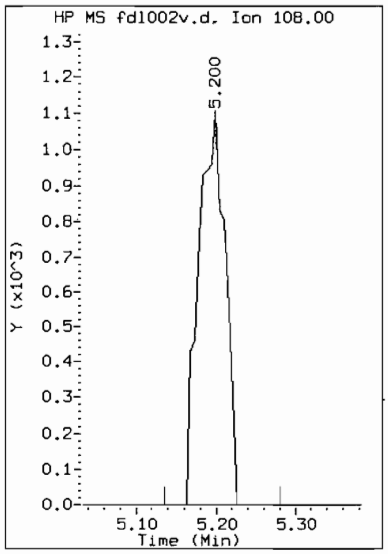


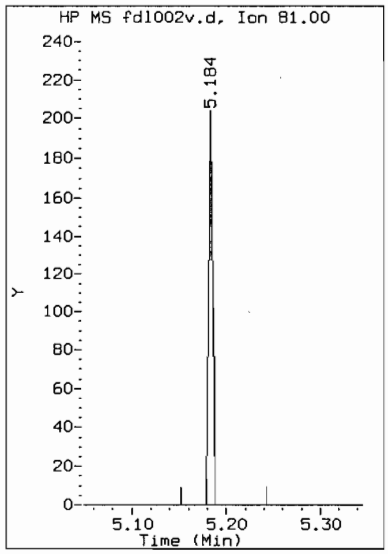


Original Integrations:

Area = 0 Area = 0 Area = 0







Final Integrations:

Area = 2736 Area = 2591 Area = 65

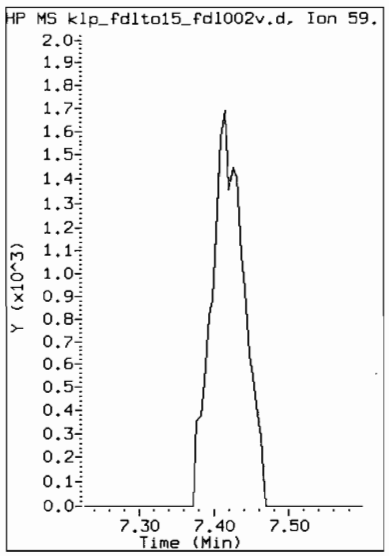
Manual Integration Reason: MI2 - Peak missed

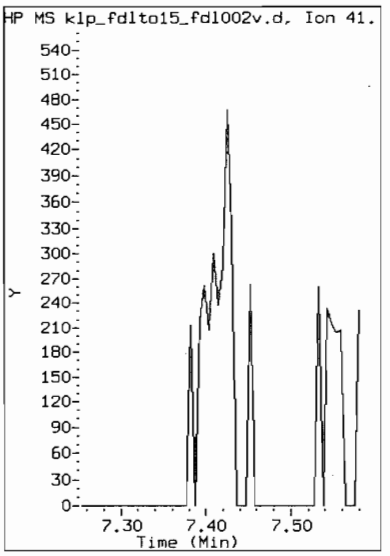
MANUAL INTEGRATION REPORT

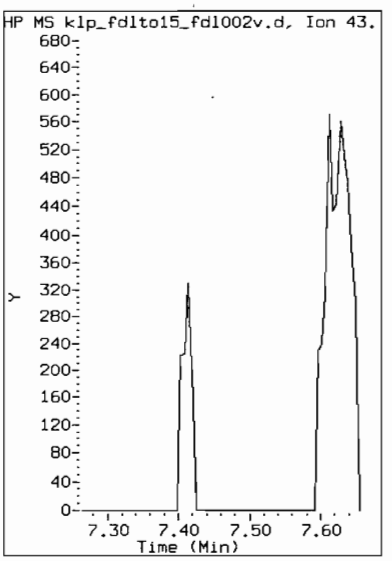
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: 2-Methyl-2-propanol

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 75-65-0

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

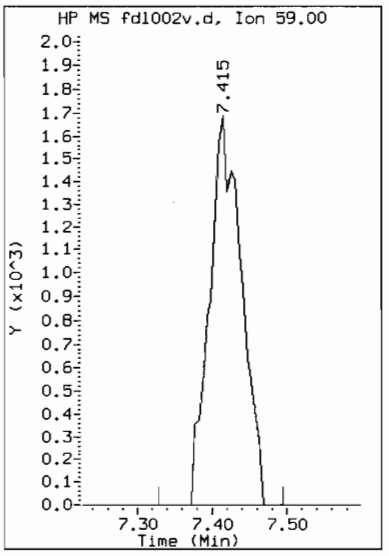


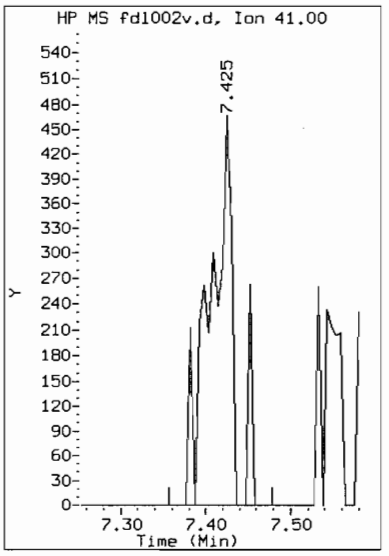


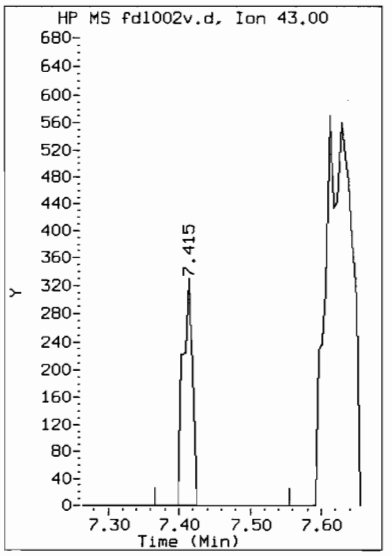


Original Integrations:

Area = 0 Area = 0 Area = 0







Final Integrations:

Area = 4993 Area = 893 Area = 312

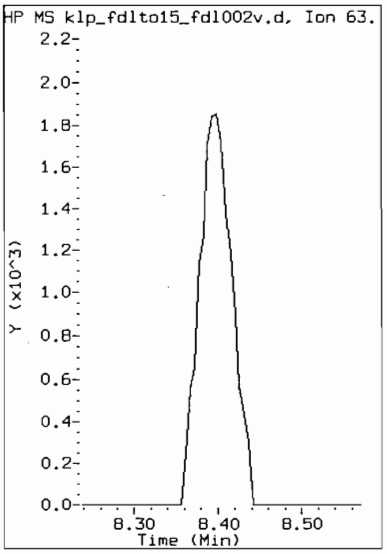
Manual Integration Reason: MI2 - Peak missed

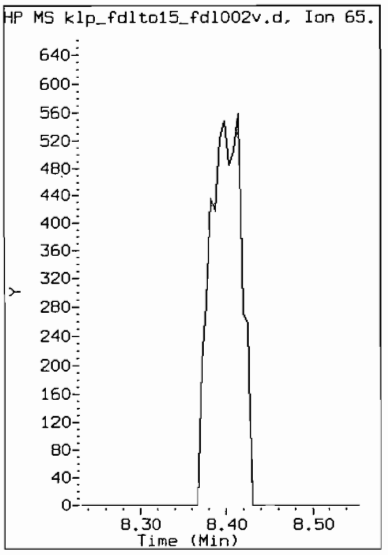
MANUAL INTEGRATION REPORT

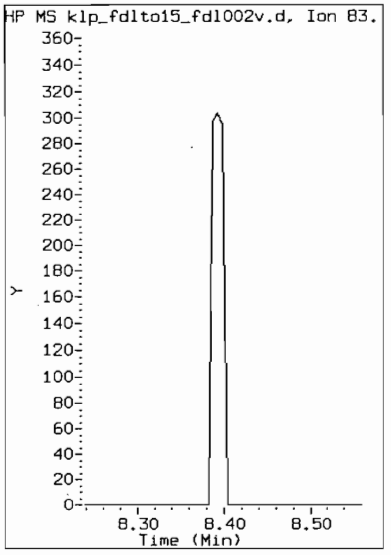
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: 1,1-Dichloroethane

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 75-34-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

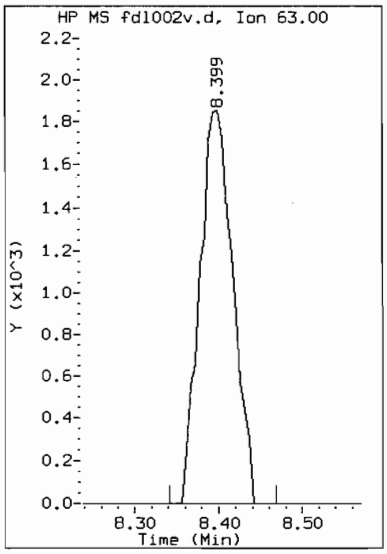


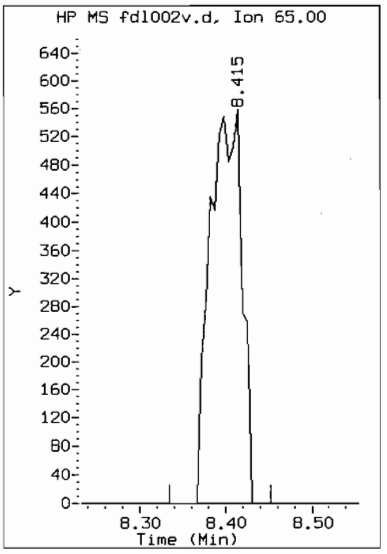


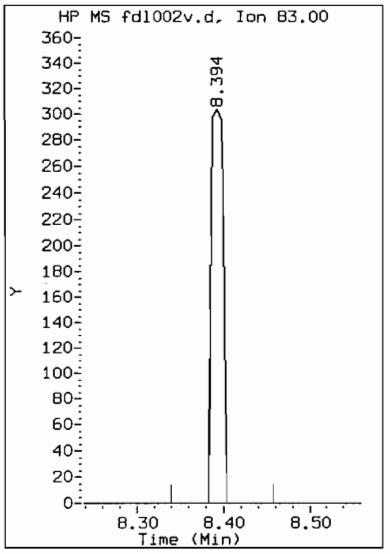


Original Integrations:

Area = 0 Area = 0 Area = 0







Final Integrations:

Area = 5050 Area = 1440 Area = 287

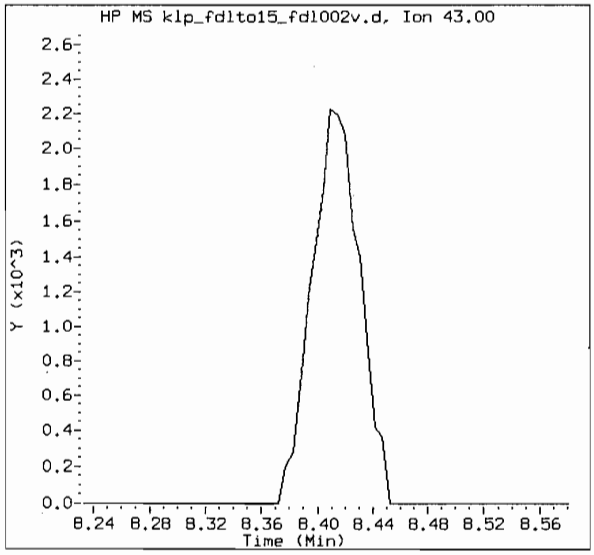
Manual Integration Reason: MI2 - Peak missed

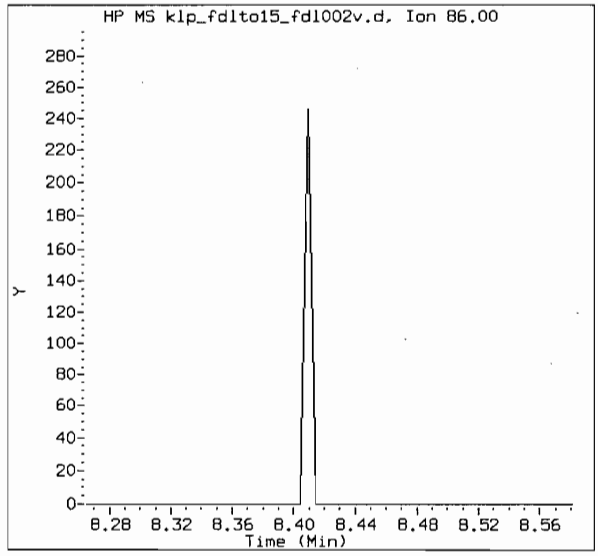
MANUAL INTEGRATION REPORT

Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Vinyl acetate

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 108-05-4

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

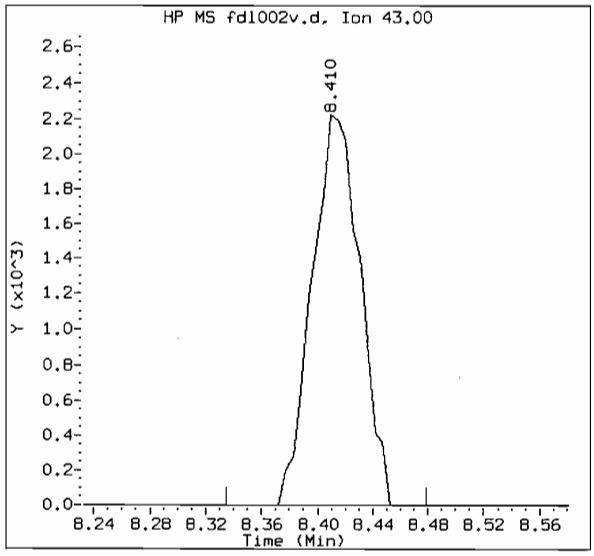


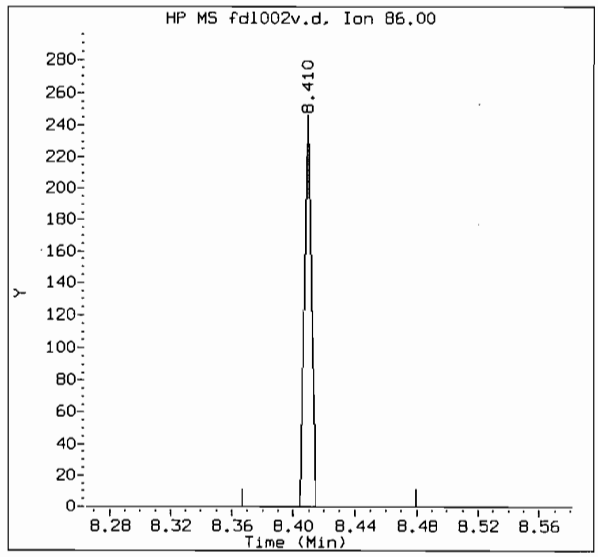


Original Integrations:

Area = 3871

Area = 971





Final Integrations:

Area = 5340

Area = 78

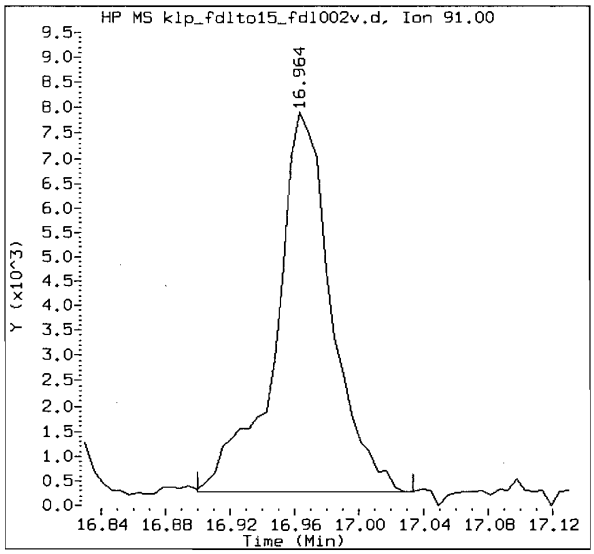
Manual Integration Reason: MI2 - Peak missed

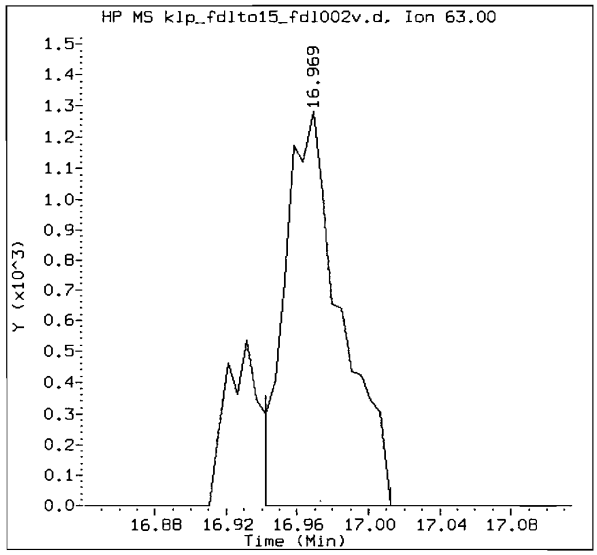
MANUAL INTEGRATION REPORT

Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

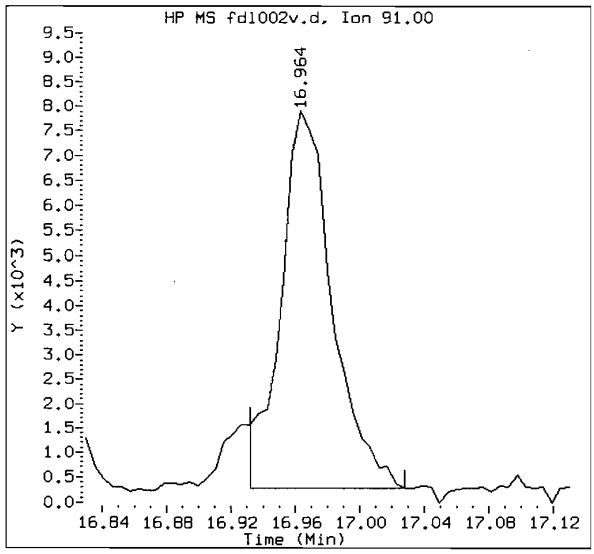


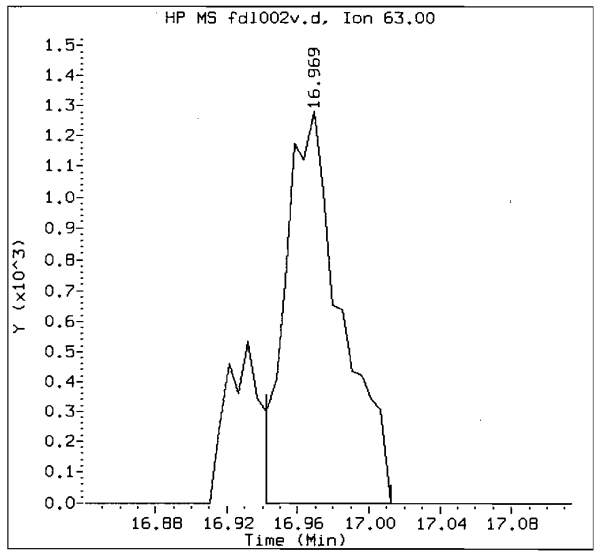


Original Integrations:

Area = 18573

Area = 2834





Final Integrations:

Area = 17215

Area = 2834

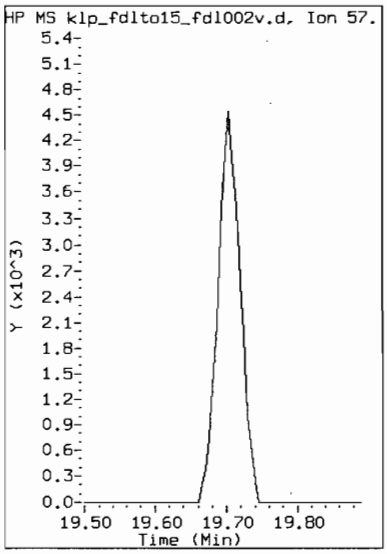
Manual Integration Reason: MI1 - Poor automated baseline

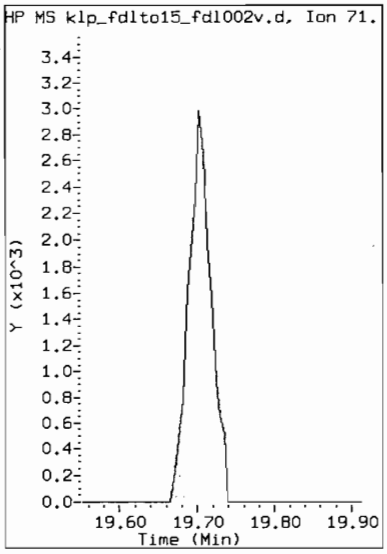
MANUAL INTEGRATION REPORT

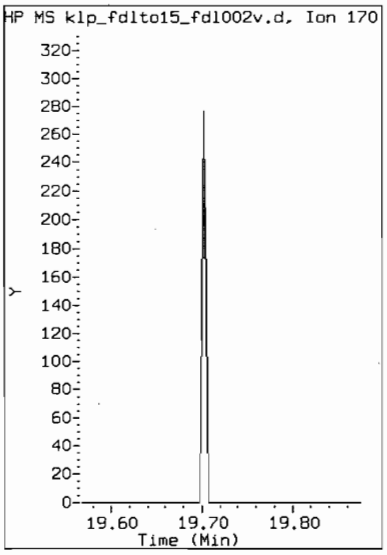
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Dodecane

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 112-40-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

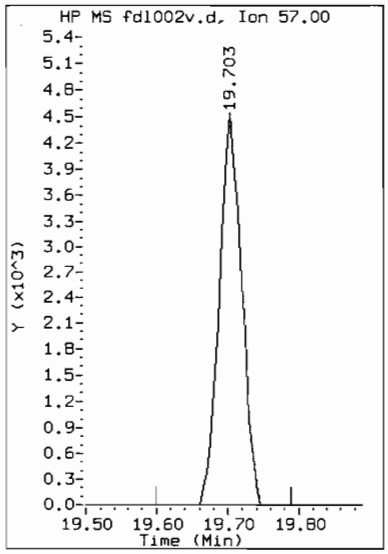


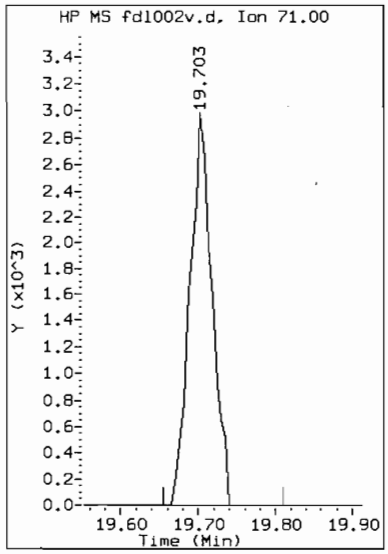


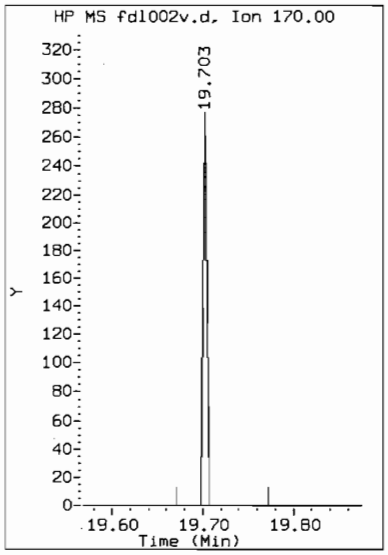


Original Integrations:

Area = 0 Area = 0 Area = 0







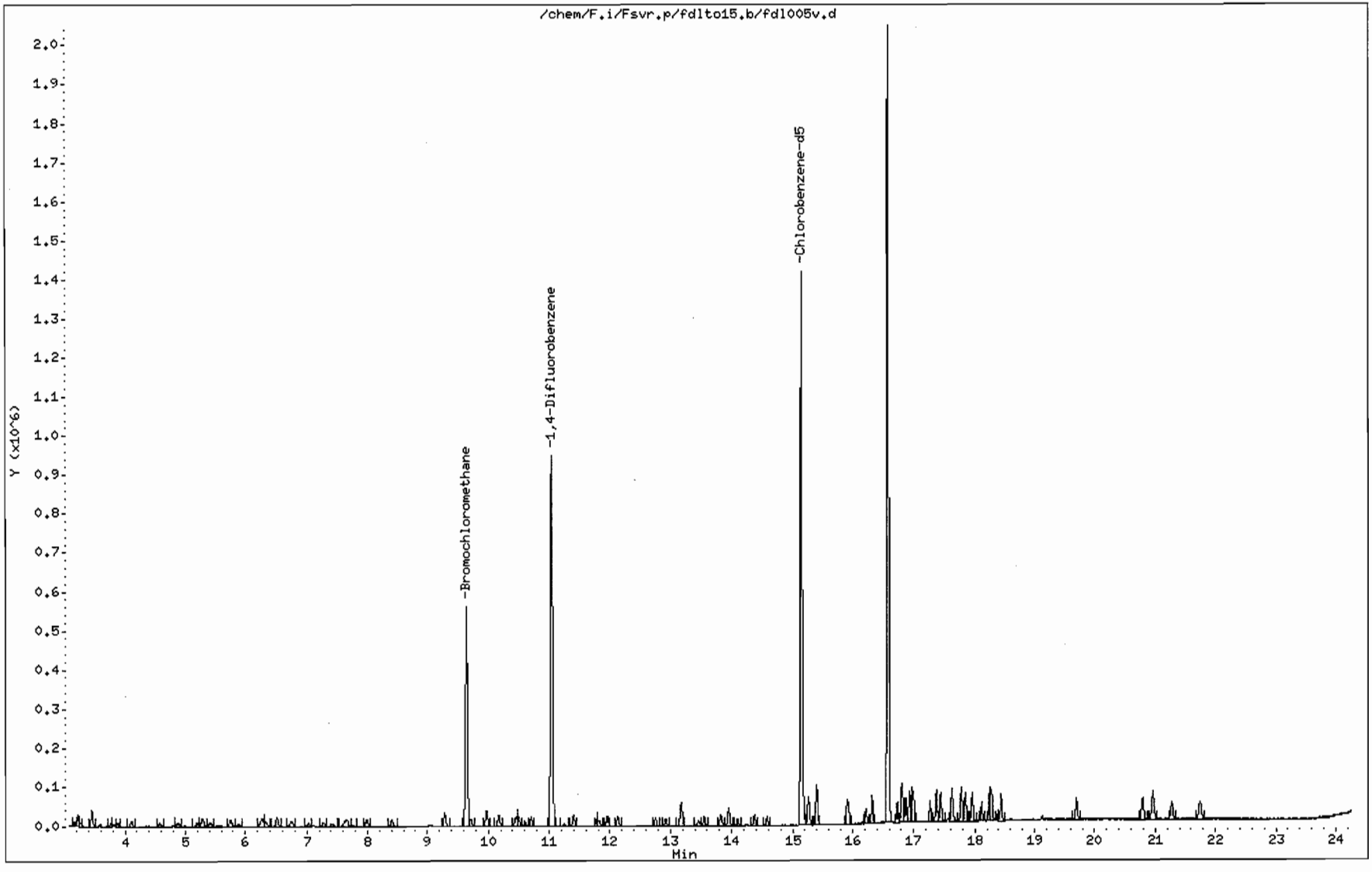
Final Integrations:

Area = 9776 Area = 5983 Area = 88

Manual Integration Reason: MI2 - Peak missed

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl005v.d
Date : 03-FEB-2010 21:57
Client ID: ASTD0.5
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl005v.d
Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
Inj Date : 03-FEB-2010 21:57
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD0005;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 21:57 Cal File: fdl005v.d
Als bottle: 2 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	4975	0.50000	0.62
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	27113	0.50000	0.51
3 Chlorodifluoromethane	51	3.269	3.269	(0.339)	11079	0.50000	0.52
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	24430	0.50000	0.52
5 Chloromethane	50	3.590	3.595	(0.372)	5280	0.50000	0.54
6 Butane	43	3.777	3.777	(0.392)	8422	0.50000	0.52
7 Vinyl chloride	62	3.814	3.820	(0.395)	6543	0.50000	0.50
8 Butadiene	54	3.889	3.889	(0.403)	4390	0.50000	0.49(a)
9 Bromomethane	94	4.579	4.579	(0.475)	8230	0.50000	0.48
10 Chloroethane	64	4.809	4.809	(0.499)	3564	0.50000	0.47(a)
11 2-Methylbutane	43	4.879	4.884	(0.506)	6984	0.50000	0.47
12 Vinyl bromide	106	5.189	5.200	(0.538)	8423	0.50000	0.47
13 Trichlorofluoromethane	101	5.285	5.291	(0.548)	30299	0.50000	0.48
14 Pentane	43	5.414	5.425	(0.561)	10413	0.50000	0.52
15 Ethanol	45	5.762	5.751	(0.597)	26994	5.00000	5.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16	Ethyl ether	59	5.895	5.890	(0.611)	4818	0.50000	0.48
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.281	6.281	(0.651)	16442	0.50000	0.47
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	6.339	6.350	(0.657)	7070	0.50000	0.46
20	Acetone	43	6.511	6.516	(0.675)	39809	0.50000	1.7(a)
21	Carbon disulfide	76	6.751	6.757	(0.700)	20997	0.50000	0.45(a)
22	Isopropyl alcohol	45	Compound Not Detected.					
23	3-Chloro-1-propene	41	7.029	7.030	(0.729)	8086	0.50000	0.52
24	Acetonitrile	41	7.104	7.110	(0.737)	4806	0.50000	0.54(a)
25	Methylene chloride	49	7.281	7.281	(0.755)	8403	0.50000	0.54
26	2-Methyl-2-propanol	59	7.415	7.399	(0.769)	13924	0.50000	0.46(a)
27	Methyl tert-butyl ether	73	7.629	7.623	(0.791)	25201	0.50000	0.49(a)
28	trans-1,2-Dichloroethene	61	7.666	7.672	(0.795)	11238	0.50000	0.48
29	Acrylonitrile	53	7.757	7.763	(0.804)	4716	0.50000	0.47(a)
30	Hexane	57	7.987	7.993	(0.828)	10959	0.50000	0.46(a)
31	1,1-Dichloroethane	63	8.399	8.404	(0.871)	14162	0.50000	0.49
32	Vinyl acetate	43	8.410	8.415	(0.872)	16123	0.50000	0.45(a)
M 33	1,2-Dichloroethene,Total	61				19602	1.00000	0.94
34	cis-1,2-Dichloroethene	96	9.292	9.293	(0.963)	8364	0.50000	0.46
35	Ethyl acetate	88	9.308	9.298	(0.965)	430	0.50000	0.27(aQ)
36	2-Butanone(MEK)	72	9.292	9.293	(0.963)	4899	0.50000	0.58(Q)
* 37	Bromochloromethane	128	9.646	9.656	(1.000)	203898	10.0000	
38	Tetrahydrofuran	42	9.672	9.667	(0.876)	6976	0.50000	0.47(a)
39	Chloroform	83	9.720	9.726	(1.008)	20890	0.50000	0.50
40	Cyclohexane	84	9.983	9.983	(0.904)	11215	0.50000	0.47
41	1,1,1-Trichloroethane	97	9.972	9.977	(0.903)	24999	0.50000	0.48
42	Carbon tetrachloride	117	10.175	10.175	(0.922)	26560	0.50000	0.45
43	Isooctane	57	10.459	10.459	(0.947)	34739	0.50000	0.48
44	Benzene	78	10.501	10.502	(0.951)	24686	0.50000	0.45
45	1,2-Dichloroethane	62	10.603	10.609	(0.960)	15015	0.50000	0.51
46	n-Heptane	43	10.699	10.705	(0.969)	12165	0.50000	0.48
* 47	1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1012268	10.0000	
48	n-Butanol	56	11.245	11.234	(1.018)	4629	0.50000	0.54(a)
49	Trichloroethene	95	11.395	11.400	(1.032)	12789	0.50000	0.47
50	1,2-Dichloropropane	63	11.775	11.780	(1.066)	8303	0.50000	0.48
51	Methyl methacrylate	69	11.823	11.823	(1.071)	7030	0.50000	0.37(aQ)
52	Dibromomethane	174	11.957	11.962	(1.083)	11713	0.50000	0.42
53	1,4-Dioxane	88	Compound Not Detected.					
54	Dichlorobromomethane	83	12.133	12.133	(1.099)	20950	0.50000	0.44
55	cis-1,3-Dichloropropene	75	12.764	12.759	(1.156)	14374	0.50000	0.45
56	4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.171)	15174	0.50000	0.45(a)
57	n-Octane	43	13.166	13.171	(1.192)	17484	0.50000	0.50
58	Toluene	92	13.187	13.187	(0.871)	19259	0.50000	0.42
59	trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	16884	0.50000	0.45
60	1,1,2-Trichloroethane	83	13.818	13.824	(0.913)	9109	0.50000	0.46
61	Tetrachloroethene	166	13.952	13.952	(0.922)	18199	0.50000	0.43
62	2-Hexanone	43	14.102	14.097	(0.931)	15026	0.50000	0.45(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	19894	0.50000	0.38
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	18627	0.50000	0.44
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	988647	10.0000	
	66 Chlorobenzene	112	15.177	15.183	(1.002)	27793	0.50000	0.44
	67 n-Nonane	57	15.273	15.273	(1.009)	18205	0.50000	0.50
	68 Ethylbenzene	91	15.252	15.252	(1.007)	46042	0.50000	0.46
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	35707	1.00000	0.87
M	70 Xylenes, Total	106				53234	0.50000	1.3
	71 o-Xylene	106	15.915	15.915	(1.051)	17527	0.50000	0.44(Q)
	72 Styrene	104	15.937	15.937	(1.053)	22929	0.50000	0.39
	73 Bromoform	173	16.226	16.226	(1.072)	19787	0.50000	0.35
	74 Isopropylbenzene	105	16.322	16.327	(1.078)	54275	0.50000	0.46
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	25388	0.50000	0.47
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	64548	0.50000	0.47
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	22969	0.50000	0.50
	79 n-Decane	57	16.873	16.873	(1.114)	23568	0.50000	0.48(a)
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	56917	0.50000	0.45
	81 2-Chlorotoluene	91	16.964	16.969	(1.120)	50900	0.50000	0.49
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	45291	0.50000	0.43
	83 Alpha Methyl Styrene	118	17.263	17.269	(1.140)	18399	0.50000	0.36
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	47394	0.50000	0.45
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	48003	0.50000	0.45
	86 sec-Butylbenzene	105	17.622	17.627	(1.164)	67950	0.50000	0.46
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	59099	0.50000	0.44
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.179)	34905	0.50000	0.43
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	35312	0.50000	0.43
	90 Benzyl chloride	91	18.114	18.120	(1.196)	39523	0.50000	0.41
	91 Undecane	57	18.248	18.248	(1.205)	27253	0.50000	0.47(a)
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	52634	0.50000	0.46
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	33784	0.50000	0.44
	94 Dodecane	57	19.703	19.703	(1.301)	25485	0.50000	0.44(a)
	95 1,2,4-Trichlorobenzene	180	20.789	20.794	(1.373)	27147	0.50000	0.40(a)
	96 Hexachlorobutadiene	225	20.965	20.966	(1.385)	23250	0.50000	0.44
	97 Naphthalene	128	21.276	21.281	(1.405)	62190	0.50000	0.43(a)
	98 1,2,3-Trichlorobenzene	180	21.747	21.752	(1.436)	26006	0.50000	0.42

QC Flag Legend

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

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl05v.d

Page 4

Date : 03-FEB-2010 22:48

Client ID: ASTD005

Instrument: F.i

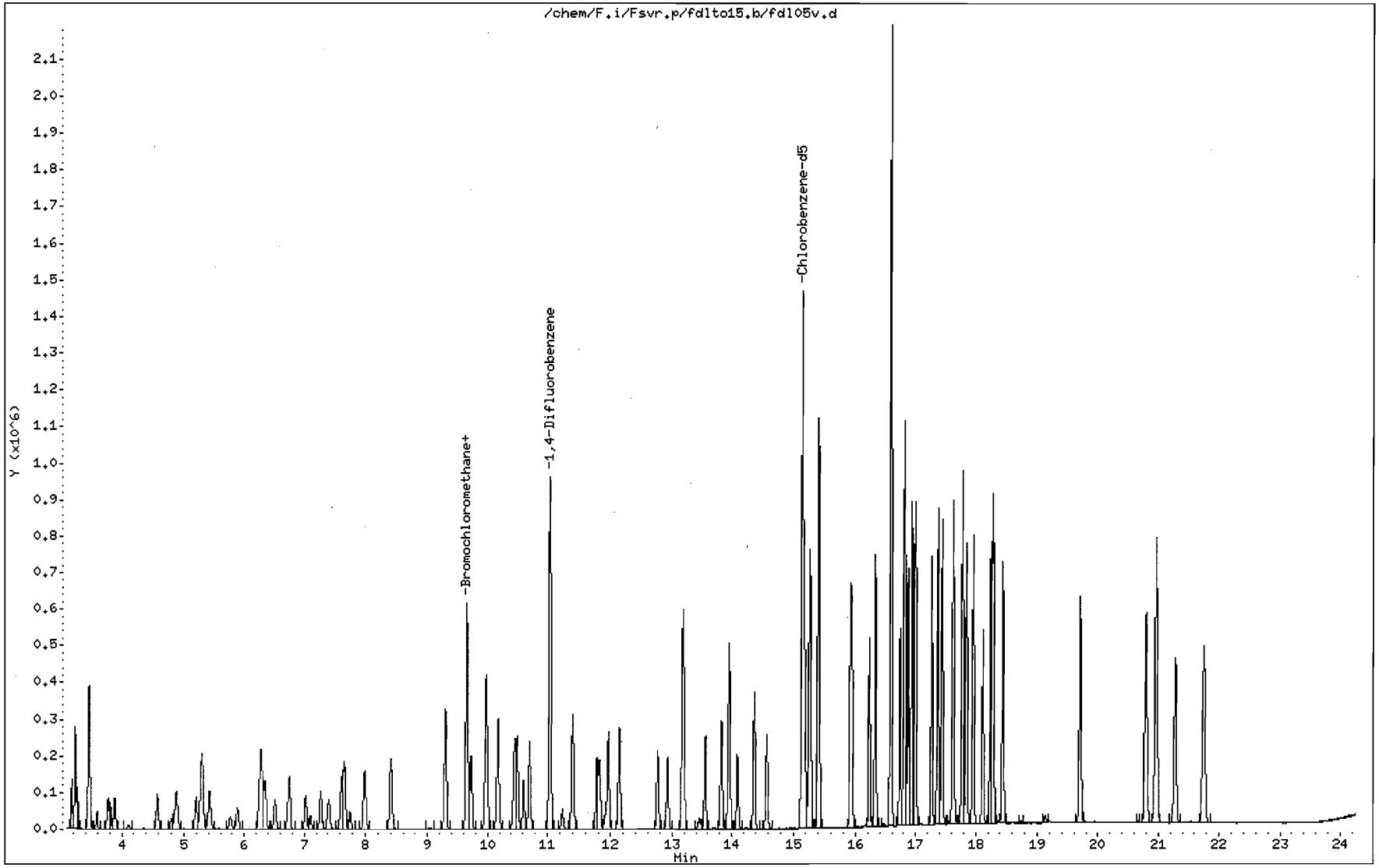
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl05v.d
Lab Smp Id: ASTD005 Client Smp ID: ASTD005
Inj Date : 03-FEB-2010 22:48
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD005;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 22:48 Cal File: fdl05v.d
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	40103	5.00000	5.0
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	257699	5.00000	4.8
3 Chlorodifluoromethane	51	3.269	3.269	(0.339)	111459	5.00000	5.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	250197	5.00000	5.3
5 Chloromethane	50	3.595	3.595	(0.372)	49044	5.00000	5.0
6 Butane	43	3.777	3.777	(0.391)	83898	5.00000	5.2
7 Vinyl chloride	62	3.820	3.820	(0.396)	68393	5.00000	5.2
8 Butadiene	54	3.884	3.889	(0.402)	48218	5.00000	5.3
9 Bromomethane	94	4.579	4.579	(0.474)	82502	5.00000	4.8
10 Chloroethane	64	4.809	4.809	(0.498)	36644	5.00000	4.8
11 2-Methylbutane	43	4.879	4.884	(0.506)	69799	5.00000	4.7
12 Vinyl bromide	106	5.200	5.200	(0.539)	86230	5.00000	4.8
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	313156	5.00000	4.9
14 Pentane	43	5.419	5.425	(0.562)	102748	5.00000	5.1
15 Ethanol	45	5.767	5.751	(0.598)	51782	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.890	5.890	(0.610)	50998	5.00000	5.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.280	6.281	(0.651)	169558	5.00000	4.8
	18 Acrolein	56	6.243	6.243	(0.647)	26201	5.00000	4.7(a)
	19 1,1-Dichloroethene	96	6.345	6.350	(0.657)	73136	5.00000	4.8
	20 Acetone	43	6.516	6.516	(0.675)	143056	5.00000	6.2
	21 Carbon disulfide	76	6.757	6.757	(0.700)	220136	5.00000	4.7
	22 Isopropyl alcohol	45	6.730	6.719	(0.697)	86537	5.00000	5.3
	23 3-Chloro-1-propene	41	7.029	7.030	(0.728)	79617	5.00000	5.1
	24 Acetonitrile	41	7.110	7.110	(0.737)	45648	5.00000	5.1
	25 Methylene chloride	49	7.281	7.281	(0.754)	76616	5.00000	4.9
	26 2-Methyl-2-propanol	59	7.409	7.399	(0.768)	151240	5.00000	5.0
	27 Methyl tert-butyl ether	73	7.629	7.623	(0.790)	256712	5.00000	4.9
	28 trans-1,2-Dichloroethene	61	7.666	7.672	(0.794)	119739	5.00000	5.1
	29 Acrylonitrile	53	7.757	7.763	(0.804)	47976	5.00000	4.7
	30 Hexane	57	7.992	7.993	(0.828)	110101	5.00000	4.6
	31 1,1-Dichloroethane	63	8.404	8.404	(0.871)	147134	5.00000	5.0
	32 Vinyl acetate	43	8.415	8.415	(0.872)	177458	5.00000	4.9(a)
M	33 1,2-Dichloroethene,Total	61				207939	10.0000	9.9
	34 cis-1,2-Dichloroethene	96	9.287	9.293	(0.962)	88200	5.00000	4.8
	35 Ethyl acetate	88	9.298	9.298	(0.963)	7070	5.00000	4.4(aQ)
	36 2-Butanone(MEK)	72	9.292	9.293	(0.963)	39223	5.00000	4.6(Q)
*	37 Bromochloromethane	128	9.651	9.656	(1.000)	205008	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	73911	5.00000	4.9(a)
	39 Chloroform	83	9.726	9.726	(1.008)	210013	5.00000	5.0
	40 Cyclohexane	84	9.982	9.983	(0.904)	112636	5.00000	4.7
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	258238	5.00000	4.9
	42 Carbon tetrachloride	117	10.175	10.175	(0.922)	284550	5.00000	4.8
	43 Isooctane	57	10.459	10.459	(0.947)	357239	5.00000	4.9
	44 Benzene	78	10.501	10.502	(0.951)	251027	5.00000	4.5
	45 1,2-Dichloroethane	62	10.603	10.609	(0.960)	151430	5.00000	5.1
	46 n-Heptane	43	10.705	10.705	(0.969)	126819	5.00000	5.0
*	47 1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1017601	10.0000	
	48 n-Butanol	56	11.240	11.234	(1.018)	40184	5.00000	4.6(a)
	49 Trichloroethene	95	11.400	11.400	(1.032)	132664	5.00000	4.8
	50 1,2-Dichloropropane	63	11.780	11.780	(1.067)	86635	5.00000	4.9
	51 Methyl methacrylate	69	11.823	11.823	(1.071)	87356	5.00000	4.6
	52 Dibromomethane	174	11.962	11.962	(1.083)	126048	5.00000	4.5
	53 1,4-Dioxane	88	11.919	11.914	(1.079)	41036	5.00000	4.8(a)
	54 Dichlorobromomethane	83	12.133	12.133	(1.099)	237912	5.00000	5.0
	55 cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	157337	5.00000	4.8
	56 4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.171)	168058	5.00000	4.9
	57 n-Octane	43	13.171	13.171	(1.193)	183291	5.00000	5.2
	58 Toluene	92	13.192	13.187	(0.871)	207085	5.00000	4.4
	59 trans-1,3-Dichloropropene	75	13.556	13.551	(1.228)	188058	5.00000	5.0
	60 1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	98484	5.00000	4.8
	61 Tetrachloroethene	166	13.952	13.952	(0.921)	200149	5.00000	4.5
	62 2-Hexanone	43	14.096	14.097	(0.931)	169011	5.00000	4.9

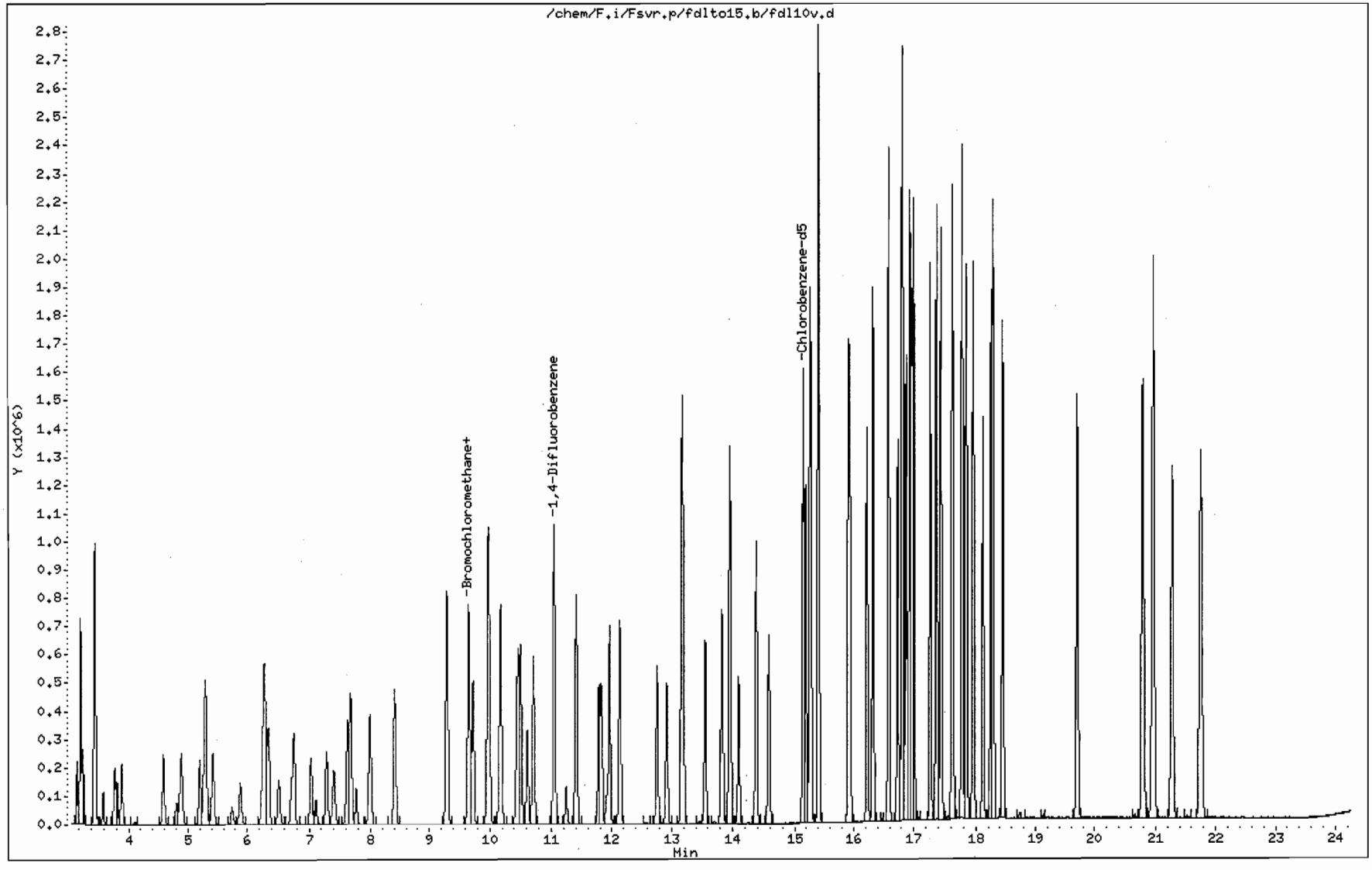
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	257429	5.00000	4.8
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	211380	5.00000	4.8
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1024276	10.0000	
	66 Chlorobenzene	112	15.182	15.183	(1.002)	303942	5.00000	4.7
	67 n-Nonane	57	15.273	15.273	(1.008)	191906	5.00000	5.0
	68 Ethylbenzene	91	15.252	15.252	(1.007)	502333	5.00000	4.8
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	409309	10.0000	9.6
M	70 Xylenes, Total	106				608655	5.00000	15
	71 o-Xylene	106	15.910	15.915	(1.050)	199346	5.00000	4.8
	72 Styrene	104	15.937	15.937	(1.052)	297459	5.00000	4.8
	73 Bromoform	173	16.226	16.226	(1.071)	275254	5.00000	4.7
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	604268	5.00000	4.9
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	278634	5.00000	5.0
	77 n-Propylbenzene	91	16.803	16.803	(1.109)	719091	5.00000	5.1
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	236579	5.00000	4.9
	79 n-Decane	57	16.873	16.873	(1.114)	262224	5.00000	5.1
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	640706	5.00000	4.9
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	539327	5.00000	5.0
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.122)	542972	5.00000	5.0
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	263133	5.00000	5.0
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	535677	5.00000	4.9
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	555305	5.00000	5.0
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	766656	5.00000	5.0
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	685860	5.00000	5.0
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.178)	400015	5.00000	4.8
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	400766	5.00000	4.7
	90 Benzyl chloride	91	18.114	18.120	(1.196)	482493	5.00000	4.8
	91 Undecane	57	18.248	18.248	(1.205)	310811	5.00000	5.1
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	609799	5.00000	5.2
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	384547	5.00000	4.8
	94 Dodecane	57	19.703	19.703	(1.301)	301138	5.00000	5.0
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	299993	5.00000	4.3
	96 Hexachlorobutadiene	225	20.965	20.966	(1.384)	260620	5.00000	4.8
	97 Naphthalene	128	21.281	21.281	(1.405)	646004	5.00000	4.3
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	285122	5.00000	4.4

QC Flag Legend

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

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl10v.d
Date : 03-FEB-2010 23:39
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl10v.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 03-FEB-2010 23:39
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD010;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 23:39 Cal File: fdl10v.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	96136	10.0000	10
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	681231	10.0000	11
3 Chlorodifluoromethane	51	3.269	3.269	(0.338)	262444	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.461	3.461	(0.358)	621084	10.0000	11
5 Chloromethane	50	3.595	3.595	(0.372)	122094	10.0000	11
6 Butane	43	3.777	3.777	(0.391)	201947	10.0000	11
7 Vinyl chloride	62	3.820	3.820	(0.396)	174728	10.0000	12
8 Butadiene	54	3.889	3.889	(0.403)	120998	10.0000	12
9 Bromomethane	94	4.579	4.579	(0.474)	226306	10.0000	12
10 Chloroethane	64	4.809	4.809	(0.498)	93494	10.0000	11
11 2-Methylbutane	43	4.884	4.884	(0.506)	170631	10.0000	10
12 Vinyl bromide	106	5.200	5.200	(0.538)	234018	10.0000	11
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	799685	10.0000	11
14 Pentane	43	5.425	5.425	(0.562)	253947	10.0000	11
15 Ethanol	45	5.751	5.751	(0.596)	89080	15.0000	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.890	5.890	(0.610)	131529	10.0000	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.281	6.281	(0.650)	443770	10.0000	11
	18 Acrolein	56	6.243	6.243	(0.647)	67735	10.0000	11
	19 1,1-Dichloroethene	96	6.350	6.350	(0.658)	195827	10.0000	11
	20 Acetone	43	6.516	6.516	(0.675)	277717	10.0000	11
	21 Carbon disulfide	76	6.757	6.757	(0.700)	573821	10.0000	11
	22 Isopropyl alcohol	45	6.719	6.719	(0.696)	201625	10.0000	11
	23 3-Chloro-1-propene	41	7.030	7.030	(0.728)	199483	10.0000	11
	24 Acetonitrile	41	7.110	7.110	(0.736)	109335	10.0000	11
	25 Methylene chloride	49	7.281	7.281	(0.754)	188259	10.0000	11
	26 2-Methyl-2-propanol	59	7.399	7.399	(0.766)	369240	10.0000	11
	27 Methyl tert-butyl ether	73	7.623	7.623	(0.789)	663702	10.0000	11
	28 trans-1,2-Dichloroethene	61	7.672	7.672	(0.794)	303775	10.0000	11
	29 Acrylonitrile	53	7.763	7.763	(0.804)	125719	10.0000	11
	30 Hexane	57	7.993	7.993	(0.828)	282217	10.0000	10
	31 1,1-Dichloroethane	63	8.404	8.404	(0.870)	375793	10.0000	11
	32 Vinyl acetate	43	8.415	8.415	(0.871)	447687	10.0000	11
M	33 1,2-Dichloroethene,Total	61				538977	20.0000	23
	34 cis-1,2-Dichloroethene	96	9.293	9.293	(0.962)	235202	10.0000	11
	35 Ethyl acetate	88	9.298	9.298	(0.963)	19059	10.0000	10
	36 2-Butanone(MEK)	72	9.293	9.293	(0.962)	99073	10.0000	10
*	37 Bromochloromethane	128	9.656	9.656	(1.000)	233561	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	180590	10.0000	11
	39 Chloroform	83	9.726	9.726	(1.007)	536955	10.0000	11
	40 Cyclohexane	84	9.983	9.983	(0.904)	299109	10.0000	11
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	659937	10.0000	11
	42 Carbon tetrachloride	117	10.175	10.175	(0.922)	739843	10.0000	11
	43 Isooctane	57	10.459	10.459	(0.947)	907997	10.0000	11
	44 Benzene	78	10.502	10.502	(0.951)	646208	10.0000	10
	45 1,2-Dichloroethane	62	10.609	10.609	(0.961)	374467	10.0000	11
	46 n-Heptane	43	10.705	10.705	(0.969)	311798	10.0000	11
*	47 1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1146409	10.0000	
	48 n-Butanol	56	11.234	11.234	(1.017)	101895	10.0000	10
	49 Trichloroethene	95	11.400	11.400	(1.032)	343722	10.0000	11
	50 1,2-Dichloropropane	63	11.780	11.780	(1.067)	222527	10.0000	11
	51 Methyl methacrylate	69	11.823	11.823	(1.071)	236756	10.0000	11
	52 Dibromomethane	174	11.962	11.962	(1.083)	346679	10.0000	11
	53 1,4-Dioxane	88	11.914	11.914	(1.079)	99737	10.0000	10
	54 Dichlorobromomethane	83	12.133	12.133	(1.099)	620827	10.0000	12
	55 cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	414136	10.0000	11
	56 4-Methyl-2-pentanone(MIBK)	43	12.920	12.920	(1.170)	426185	10.0000	11
	57 n-Octane	43	13.171	13.171	(1.193)	439643	10.0000	11
	58 Toluene	92	13.187	13.187	(0.871)	539668	10.0000	10
	59 trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	478614	10.0000	11
	60 1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	257773	10.0000	11
	61 Tetrachloroethene	166	13.952	13.952	(0.921)	545169	10.0000	11
	62 2-Hexanone	43	14.097	14.097	(0.931)	421484	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)	
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	703011	10.0000	12	
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	557439	10.0000	11	
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1148672	10.0000		
	66 Chlorobenzene	112	15.183	15.183	(1.002)	792356	10.0000	11	
	67 n-Nonane	57	15.273	15.273	(1.008)	474315	10.0000	11	
	68 Ethylbenzene	91	15.252	15.252	(1.007)	1283302	10.0000	11	
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	1050240	20.0000	22	
M	70 Xylenes, Total	106				1564893	10.0000	34	
	71 o-Xylene	106	15.915	15.915	(1.051)	514653	10.0000	11	
	72 Styrene	104	15.937	15.937	(1.052)	798437	10.0000	12	
	73 Bromoform	173	16.226	16.226	(1.071)	767570	10.0000	12	
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	1552537	10.0000	11	
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	701578	10.0000	11	
	77 n-Propylbenzene	91	16.803	16.803	(1.109)	1810461	10.0000	11	
	78 1,2,3-Trichloropropane	75	16.820	16.820	(1.111)	578590	10.0000	11	
	79 n-Decane	57	16.873	16.873	(1.114)	631963	10.0000	11	
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	1632087	10.0000	11	
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	1350081	10.0000	11	(M)
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.122)	1381020	10.0000	11	
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	713144	10.0000	12	
	84 tert-butylbenzene	119	17.371	17.371	(1.147)	1353902	10.0000	11	
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	1403396	10.0000	11	
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	1943158	10.0000	11	
	87 4-Isopropyltoluene	119	17.782	17.782	(1.174)	1756773	10.0000	11	
	88 1,3-Dichlorobenzene	146	17.852	17.852	(1.179)	1045117	10.0000	11	
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	1049886	10.0000	11	
	90 Benzyl chloride	91	18.120	18.120	(1.196)	1303700	10.0000	12	
	91 Undecane	57	18.248	18.248	(1.205)	748796	10.0000	11	
	92 n-Butylbenzene	91	18.285	18.285	(1.207)	1519078	10.0000	11	
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	998842	10.0000	11	
	94 Dodecane	57	19.703	19.703	(1.301)	735881	10.0000	11	
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	837505	10.0000	11	
	96 Hexachlorobutadiene	225	20.966	20.966	(1.384)	691982	10.0000	11	
	97 Naphthalene	128	21.281	21.281	(1.405)	1813410	10.0000	11	
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	788528	10.0000	11	

QC Flag Legend

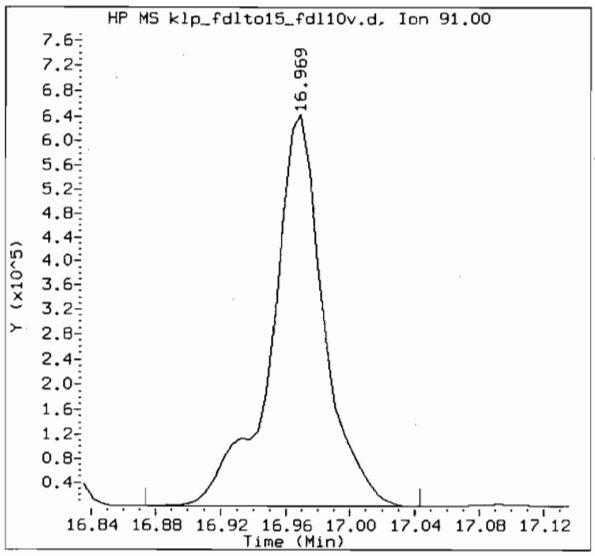
M - Compound response manually integrated.

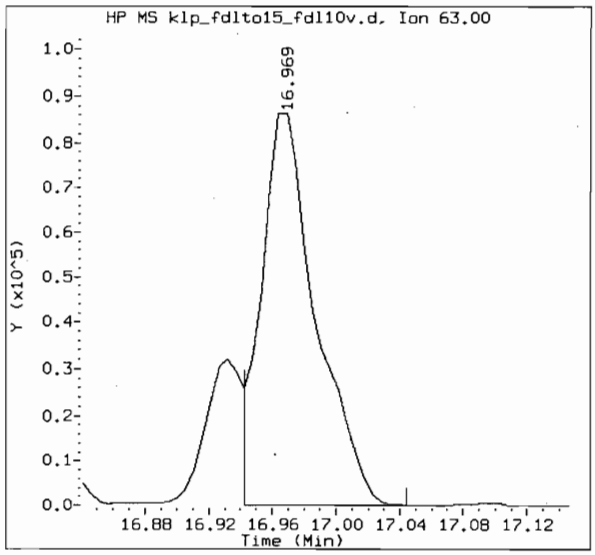
MANUAL INTEGRATION REPORT

Data File Name: fdl10v.d
Client Sample ID: ASTD010
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 03-FEB-2010 23:39
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

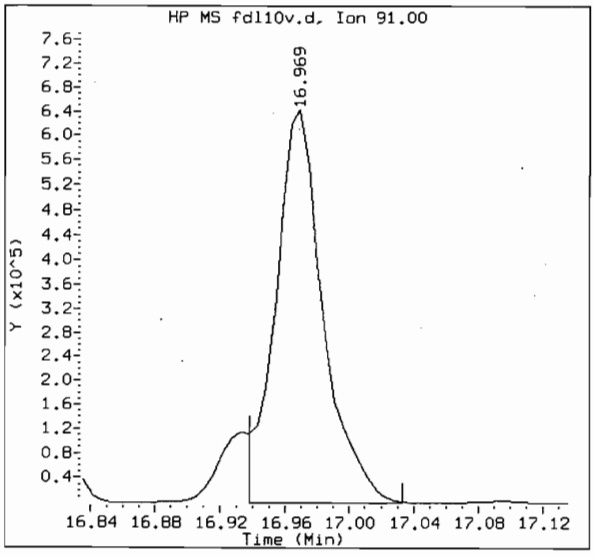


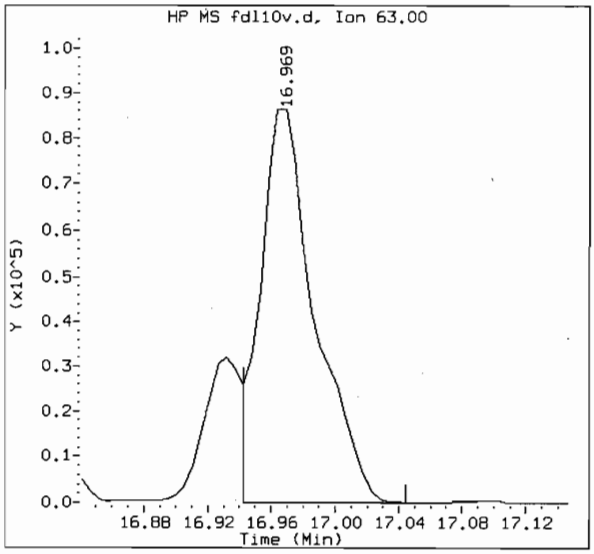


Original Integrations:

Area = 1472545

Area = 209417





Final Integrations:

Area = 1350081

Area = 209417

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl15v.d

Date : 04-FEB-2010 00:29

Client ID: ASTD015

Instrument: F.i

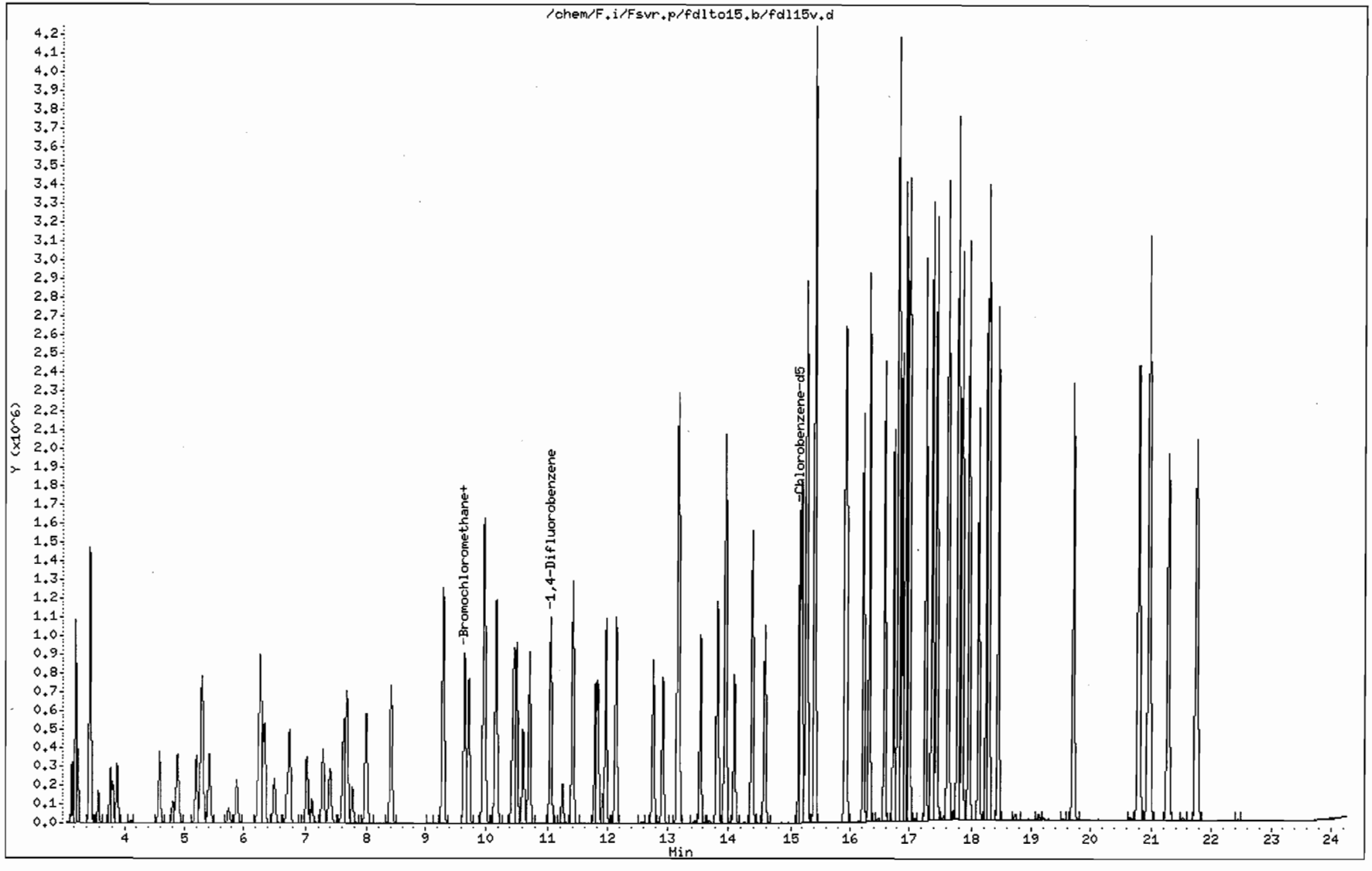
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 04-FEB-2010 00:29
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD015;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 00:29 Cal File: fdl15v.d
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.172	(0.328)	143901	15.0000	15
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	1017333	15.0000	16
3 Chlorodifluoromethane	51	3.263	3.269	(0.338)	396083	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	921750	15.0000	16
5 Chloromethane	50	3.590	3.595	(0.372)	183668	15.0000	15
6 Butane	43	3.771	3.777	(0.391)	300093	15.0000	15
7 Vinyl chloride	62	3.814	3.820	(0.395)	260853	15.0000	16
8 Butadiene	54	3.884	3.889	(0.402)	181017	15.0000	16
9 Bromomethane	94	4.579	4.579	(0.474)	344798	15.0000	16
10 Chloroethane	64	4.804	4.809	(0.498)	144297	15.0000	16
11 2-Methylbutane	43	4.879	4.884	(0.506)	251735	15.0000	14
12 Vinyl bromide	106	5.200	5.200	(0.539)	371025	15.0000	17
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	1214845	15.0000	16
14 Pentane	43	5.424	5.425	(0.562)	372218	15.0000	15
15 Ethanol	45	5.745	5.751	(0.595)	116393	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
16	Ethyl ether	59	5.885	5.890	(0.610)	203376	15.0000	17	
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.275	6.281	(0.650)	695894	15.0000	16	
18	Acrolein	56	6.243	6.243	(0.647)	104669	15.0000	15	
19	1,1-Dichloroethene	96	6.345	6.350	(0.657)	310165	15.0000	17	
20	Acetone	43	6.510	6.516	(0.675)	412510	15.0000	15	
21	Carbon disulfide	76	6.751	6.757	(0.700)	895313	15.0000	16	
22	Isopropyl alcohol	45	6.714	6.719	(0.696)	299321	15.0000	15	
23	3-Chloro-1-propene	41	7.024	7.030	(0.728)	303750	15.0000	16	
24	Acetonitrile	41	7.110	7.110	(0.737)	163810	15.0000	15	
25	Methylene chloride	49	7.281	7.281	(0.754)	286155	15.0000	15	
26	2-Methyl-2-propanol	59	7.399	7.399	(0.767)	568319	15.0000	15	
27	Methyl tert-butyl ether	73	7.618	7.623	(0.789)	1023081	15.0000	16	
28	trans-1,2-Dichloroethene	61	7.671	7.672	(0.795)	464231	15.0000	16	
29	Acrylonitrile	53	7.762	7.763	(0.804)	192343	15.0000	16	
30	Hexane	57	7.992	7.993	(0.828)	433250	15.0000	15	
31	1,1-Dichloroethane	63	8.404	8.404	(0.871)	569238	15.0000	16	
32	Vinyl acetate	43	8.415	8.415	(0.872)	681877	15.0000	16	
M 33	1,2-Dichloroethene,Total	61				835890	30.0000	33	
34	cis-1,2-Dichloroethene	96	9.287	9.293	(0.962)	371659	15.0000	17	
35	Ethyl acetate	88	9.303	9.298	(0.964)	30764	15.0000	16	
36	2-Butanone(MEK)	72	9.287	9.293	(0.962)	154411	15.0000	15	(Q)
* 37	Bromochloromethane	128	9.651	9.656	(1.000)	248848	10.0000		
38	Tetrahydrofuran	42	9.667	9.667	(0.875)	273286	15.0000	15	
39	Chloroform	83	9.726	9.726	(1.008)	833219	15.0000	16	
40	Cyclohexane	84	9.982	9.983	(0.904)	467405	15.0000	16	
41	1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	1018622	15.0000	16	
42	Carbon tetrachloride	117	10.175	10.175	(0.922)	1154384	15.0000	16	
43	Isooctane	57	10.453	10.459	(0.947)	1393879	15.0000	16	
44	Benzene	78	10.501	10.502	(0.951)	1007582	15.0000	15	
45	1,2-Dichloroethane	62	10.603	10.609	(0.960)	565371	15.0000	16	
46	n-Heptane	43	10.705	10.705	(0.969)	472212	15.0000	16	
* 47	1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1205420	10.0000		
48	n-Butanol	56	11.229	11.234	(1.017)	155517	15.0000	15	
49	Trichloroethene	95	11.400	11.400	(1.032)	534653	15.0000	16	
50	1,2-Dichloropropane	63	11.775	11.780	(1.066)	340486	15.0000	16	(Q)
51	Methyl methacrylate	69	11.817	11.823	(1.070)	368572	15.0000	16	
52	Dibromomethane	174	11.962	11.962	(1.083)	555649	15.0000	17	
53	1,4-Dioxane	88	11.908	11.914	(1.078)	153388	15.0000	15	
54	Dichlorobromomethane	83	12.128	12.133	(1.098)	963962	15.0000	17	
55	cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	644631	15.0000	17	
56	4-Methyl-2-pentanone(MIBK)	43	12.919	12.920	(1.170)	645423	15.0000	16	
57	n-Octane	43	13.171	13.171	(1.193)	655897	15.0000	16	
58	Toluene	92	13.187	13.187	(0.871)	842457	15.0000	15	
59	trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	744485	15.0000	17	
60	1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	399119	15.0000	17	
61	Tetrachloroethene	166	13.952	13.952	(0.922)	866494	15.0000	17	
62	2-Hexanone	43	14.096	14.097	(0.931)	648420	15.0000	16	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	1110782	15.0000	18	
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	877371	15.0000	17	
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1203687	10.0000		
	66 Chlorobenzene	112	15.182	15.183	(1.003)	1253865	15.0000	16	
	67 n-Nonane	57	15.273	15.273	(1.009)	714667	15.0000	16	
	68 Ethylbenzene	91	15.252	15.252	(1.007)	1981045	15.0000	16	
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	1633467	30.0000	33	
M	70 Xylenes, Total	106				2441743	15.0000	50	
	71 o-Xylene	106	15.910	15.915	(1.051)	808276	15.0000	17	
	72 Styrene	104	15.937	15.937	(1.053)	1268825	15.0000	18	
	73 Bromoform	173	16.226	16.226	(1.072)	1225507	15.0000	18	
	74 Isopropylbenzene	105	16.322	16.327	(1.078)	2403587	15.0000	17	
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	1083397	15.0000	16	
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	2770015	15.0000	17	
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	876052	15.0000	16	
	79 n-Decane	57	16.873	16.873	(1.114)	948049	15.0000	16	
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	2525658	15.0000	16	
	81 2-Chlorotoluene	91	16.969	16.969	(1.121)	2060126	15.0000	16	(M)
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	2135512	15.0000	17	
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.141)	1130772	15.0000	18	
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	2111872	15.0000	17	
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	2163758	15.0000	17	
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	2980708	15.0000	17	
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	2724134	15.0000	17	
	88 1,3-Dichlorobenzene	146	17.846	17.852	(1.179)	1636366	15.0000	17	
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	1653925	15.0000	17	
	90 Benzyl chloride	91	18.114	18.120	(1.196)	2014947	15.0000	17	
	91 Undecane	57	18.248	18.248	(1.205)	1108050	15.0000	16	
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	2306280	15.0000	17	
	93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	1560890	15.0000	17	
	94 Dodecane	57	19.703	19.703	(1.301)	1125087	15.0000	16	
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	1344792	15.0000	16	
	96 Hexachlorobutadiene	225	20.965	20.966	(1.385)	1081833	15.0000	17	
	97 Naphthalene	128	21.276	21.281	(1.405)	2841533	15.0000	16	
	98 1,2,3-Trichlorobenzene	180	21.746	21.752	(1.436)	1250472	15.0000	17	

QC Flag Legend

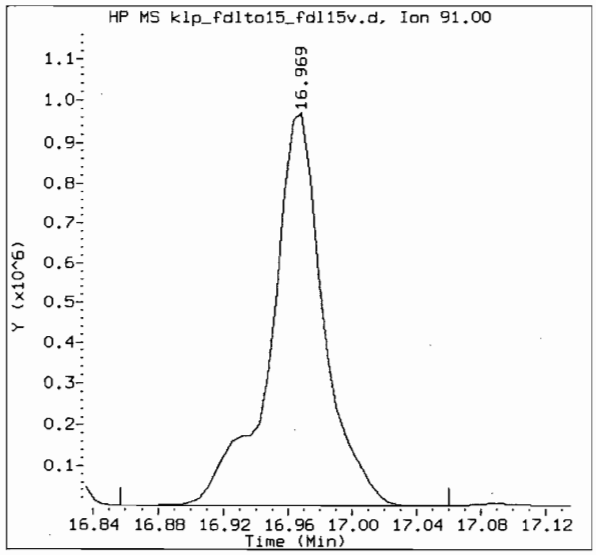
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

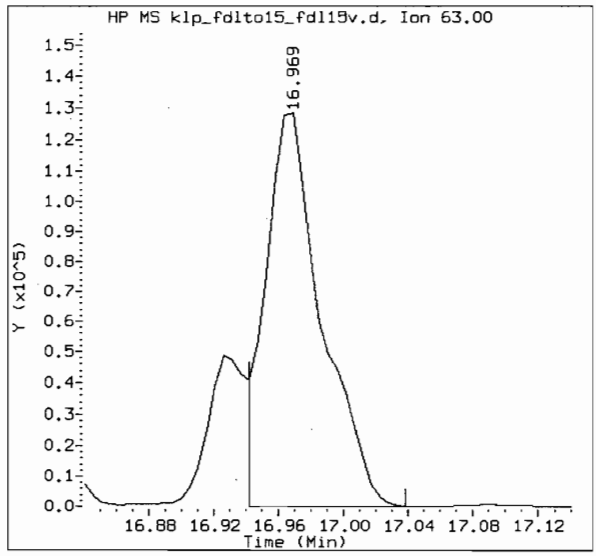
MANUAL INTEGRATION REPORT

Data File Name: fdl15v.d
Client Sample ID: ASTD015
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 04-FEB-2010 00:29
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

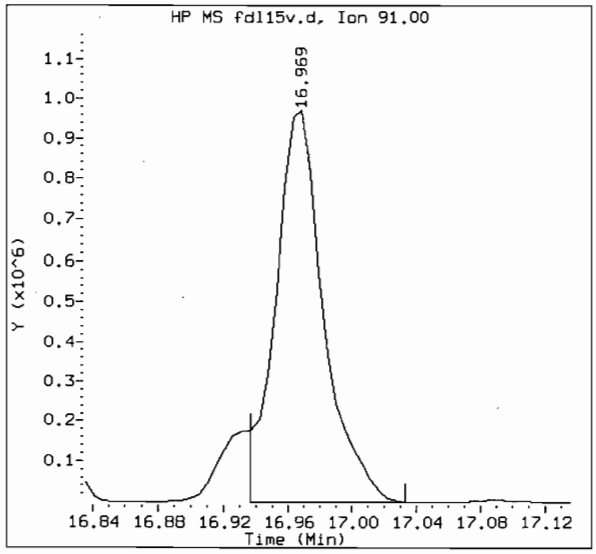


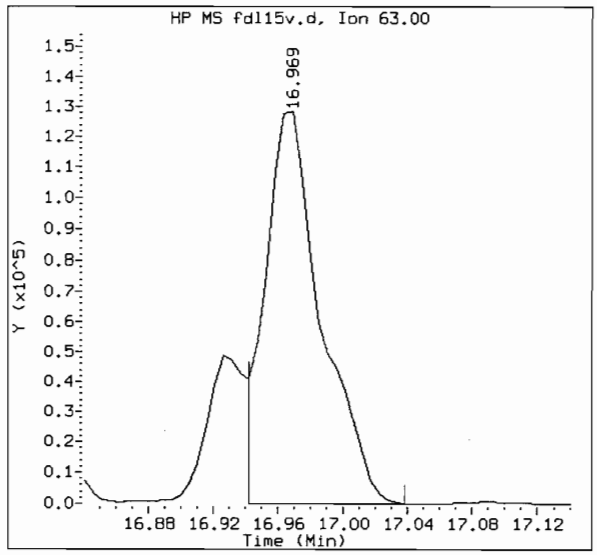


Original Integrations:

Area = 2264902

Area = 311524





Final Integrations:

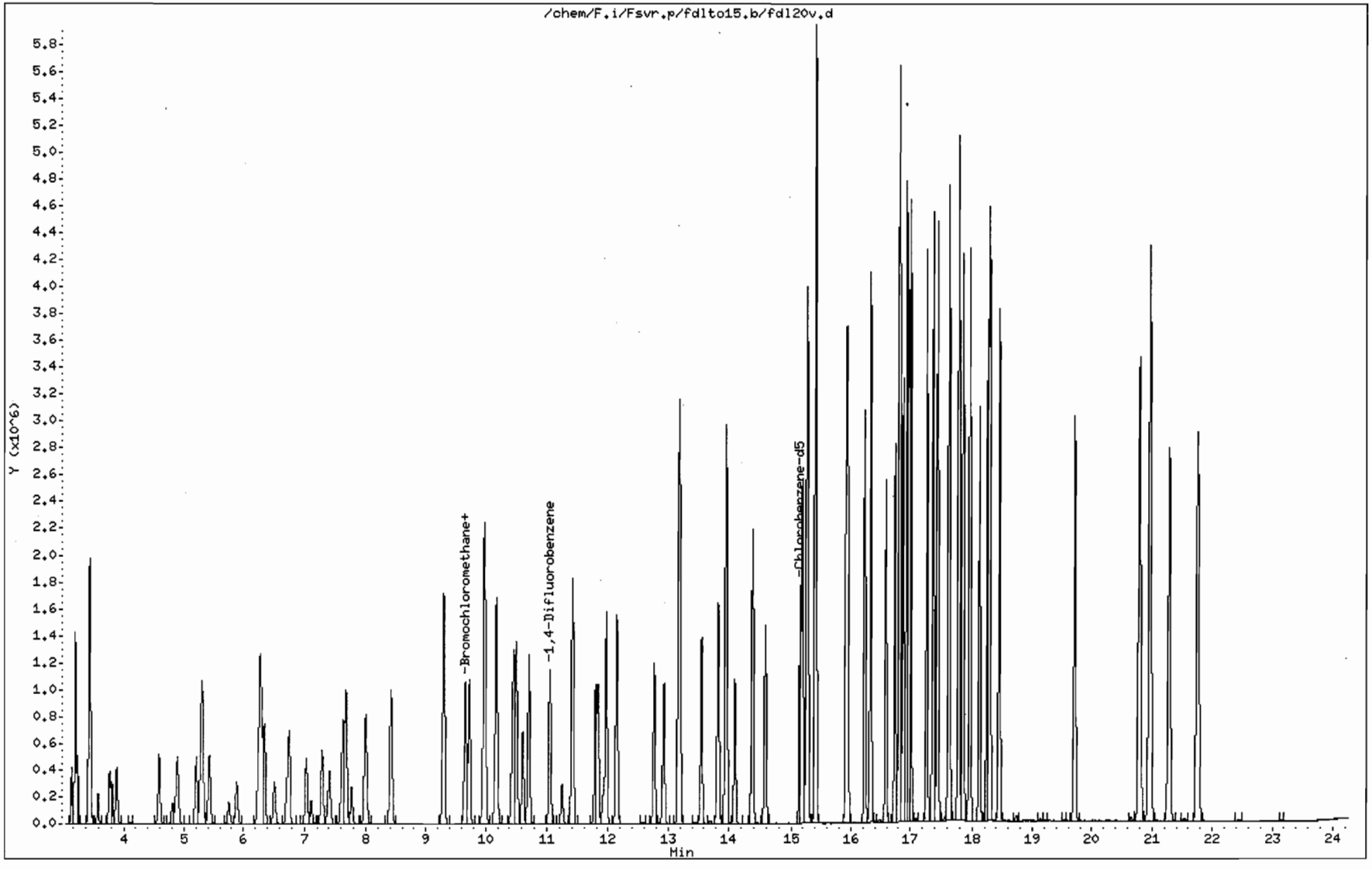
Area = 2060126

Area = 311524

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fd1to15.b/fd120v.d
Date : 04-FEB-2010 01:19
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 04-FEB-2010 01:19
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD020;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 01:19 Cal File: fdl20v.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	190829	20.0000	18
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	1352346	20.0000	19
3 Chlorodifluoromethane	51	3.268	3.269	(0.338)	522090	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.461	3.461	(0.358)	1236631	20.0000	20
5 Chloromethane	50	3.595	3.595	(0.372)	245880	20.0000	19
6 Butane	43	3.777	3.777	(0.391)	403383	20.0000	19
7 Vinyl chloride	62	3.820	3.820	(0.396)	353578	20.0000	21
8 Butadiene	54	3.889	3.889	(0.403)	245783	20.0000	21
9 Bromomethane	94	4.585	4.579	(0.475)	471999	20.0000	21
10 Chloroethane	64	4.809	4.809	(0.498)	198309	20.0000	20
11 2-Methylbutane	43	4.884	4.884	(0.506)	344310	20.0000	18
12 Vinyl bromide	106	5.200	5.200	(0.538)	517583	20.0000	22
13 Trichlorofluoromethane	101	5.296	5.291	(0.548)	1678470	20.0000	20
14 Pentane	43	5.424	5.425	(0.562)	515990	20.0000	20
15 Ethanol	45	5.756	5.751	(0.596)	242856	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16	Ethyl ether	59	5.885	5.890	(0.609)	287720	20.0000	22
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.280	6.281	(0.650)	991735	20.0000	22
18	Acrolein	56	6.243	6.243	(0.647)	148038	20.0000	20
19	1,1-Dichloroethene	96	6.350	6.350	(0.658)	446798	20.0000	22
20	Acetone	43	6.516	6.516	(0.675)	549774	20.0000	18
21	Carbon disulfide	76	6.757	6.757	(0.700)	1264783	20.0000	21
22	Isopropyl alcohol	45	6.724	6.719	(0.696)	411367	20.0000	19
23	3-Chloro-1-propene	41	7.029	7.030	(0.728)	415868	20.0000	21
24	Acetonitrile	41	7.110	7.110	(0.736)	223801	20.0000	19
25	Methylene chloride	49	7.281	7.281	(0.754)	395222	20.0000	19
26	2-Methyl-2-propanol	59	7.398	7.399	(0.766)	782071	20.0000	20
27	Methyl tert-butyl ether	73	7.623	7.623	(0.789)	1436980	20.0000	21
28	trans-1,2-Dichloroethene	61	7.671	7.672	(0.794)	648394	20.0000	21
29	Acrylonitrile	53	7.762	7.763	(0.804)	269797	20.0000	20
30	Hexane	57	7.992	7.993	(0.828)	601763	20.0000	19
31	1,1-Dichloroethane	63	8.404	8.404	(0.870)	796827	20.0000	21
32	Vinyl acetate	43	8.420	8.415	(0.872)	931299	20.0000	20
M 33	1,2-Dichloroethene,Total	61				1180512	40.0000	43
34	cis-1,2-Dichloroethene	96	9.292	9.293	(0.962)	532118	20.0000	22
35	Ethyl acetate	88	9.308	9.298	(0.964)	42604	20.0000	20
36	2-Butanone(MEK)	72	9.292	9.293	(0.962)	217672	20.0000	20(Q)
* 37	Bromochloromethane	128	9.656	9.656	(1.000)	266836	10.0000	
38	Tetrahydrofuran	42	9.672	9.667	(0.876)	372169	20.0000	20
39	Chloroform	83	9.726	9.726	(1.007)	1163610	20.0000	21
40	Cyclohexane	84	9.982	9.983	(0.904)	663810	20.0000	22
41	1,1,1-Trichloroethane	97	9.977	9.977	(0.903)	1419622	20.0000	21
42	Carbon tetrachloride	117	10.175	10.175	(0.921)	1628493	20.0000	22
43	Isooctane	57	10.459	10.459	(0.947)	1941453	20.0000	21
44	Benzene	78	10.507	10.502	(0.951)	1425534	20.0000	20
45	1,2-Dichloroethane	62	10.608	10.609	(0.960)	781288	20.0000	21
46	n-Heptane	43	10.705	10.705	(0.969)	640590	20.0000	20
* 47	1,4-Difluorobenzene	114	11.047	11.042	(1.000)	1285876	10.0000	
48	n-Butanol	56	11.234	11.234	(1.017)	224003	20.0000	20
49	Trichloroethene	95	11.405	11.400	(1.032)	764913	20.0000	22
50	1,2-Dichloropropane	63	11.780	11.780	(1.066)	474957	20.0000	21
51	Methyl methacrylate	69	11.823	11.823	(1.070)	522053	20.0000	22
52	Dibromomethane	174	11.962	11.962	(1.083)	807272	20.0000	23
53	1,4-Dioxane	88	11.914	11.914	(1.078)	217537	20.0000	20
54	Dichlorobromomethane	83	12.133	12.133	(1.098)	1348572	20.0000	22
55	cis-1,3-Dichloropropene	75	12.759	12.759	(1.155)	906498	20.0000	22
56	4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.170)	878731	20.0000	20
57	n-Octane	43	13.171	13.171	(1.192)	879757	20.0000	20
58	Toluene	92	13.192	13.187	(0.871)	1198176	20.0000	20
59	trans-1,3-Dichloropropene	75	13.556	13.551	(1.227)	1041874	20.0000	22
60	1,1,2-Trichloroethane	83	13.823	13.824	(0.913)	564461	20.0000	22
61	Tetrachloroethene	166	13.952	13.952	(0.921)	1258061	20.0000	23
62	2-Hexanone	43	14.096	14.097	(0.931)	874161	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.374	14.375	(0.949)	1588994	20.0000	24
	64 Ethylene Dibromide	107	14.583	14.578	(0.963)	1256623	20.0000	23
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1274137	10.0000	
	66 Chlorobenzene	112	15.182	15.183	(1.002)	1797914	20.0000	22
	67 n-Nonane	57	15.273	15.273	(1.008)	980346	20.0000	21
	68 Ethylbenzene	91	15.252	15.252	(1.007)	2774688	20.0000	21
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	2316944	40.0000	44
M	70 Xylenes, Total	106				3452154	20.0000	67
	71 o-Xylene	106	15.915	15.915	(1.051)	1135210	20.0000	22
	72 Styrene	104	15.937	15.937	(1.052)	1809029	20.0000	24
	73 Bromoform	173	16.225	16.226	(1.071)	1752288	20.0000	24
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	3369131	20.0000	22
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	1512812	20.0000	22
	77 n-Propylbenzene	91	16.809	16.803	(1.110)	3816950	20.0000	22
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	1197788	20.0000	20
	79 n-Decane	57	16.873	16.873	(1.114)	1277839	20.0000	20
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	3507083	20.0000	22
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	2883426	20.0000	21(M)
	82 1,3,5-Trimethylbenzene	105	17.001	16.996	(1.123)	2969349	20.0000	22
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	1596417	20.0000	24
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	2926835	20.0000	22
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	2995651	20.0000	22
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	4126658	20.0000	22
	87 4-Isopropyltoluene	119	17.782	17.782	(1.174)	3789005	20.0000	22
	88 1,3-Dichlorobenzene	146	17.852	17.852	(1.179)	2310684	20.0000	22
	89 1,4-Dichlorobenzene	146	17.964	17.959	(1.186)	2324170	20.0000	22
	90 Benzyl chloride	91	18.119	18.120	(1.196)	2799663	20.0000	22
	91 Undecane	57	18.248	18.248	(1.205)	1478496	20.0000	20
	92 n-Butylbenzene	91	18.285	18.285	(1.207)	3170340	20.0000	22
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	2196389	20.0000	22
	94 Dodecane	57	19.703	19.703	(1.301)	1489571	20.0000	20
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	1939304	20.0000	22
	96 Hexachlorobutadiene	225	20.965	20.966	(1.384)	1515603	20.0000	22
	97 Naphthalene	128	21.281	21.281	(1.405)	4045561	20.0000	22
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	1804351	20.0000	23

QC Flag Legend

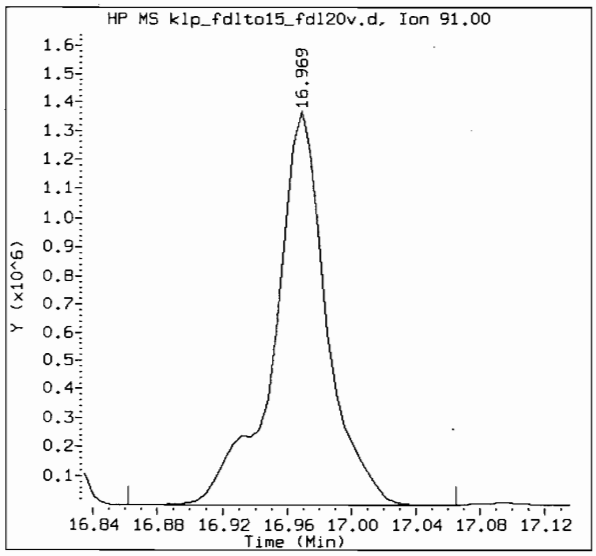
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

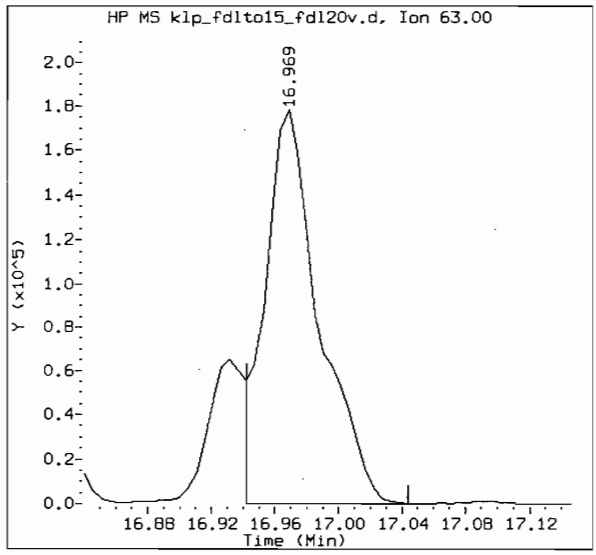
MANUAL INTEGRATION REPORT

Data File Name: fdl20v.d
Client Sample ID: ASTD020
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 04-FEB-2010 01:19
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

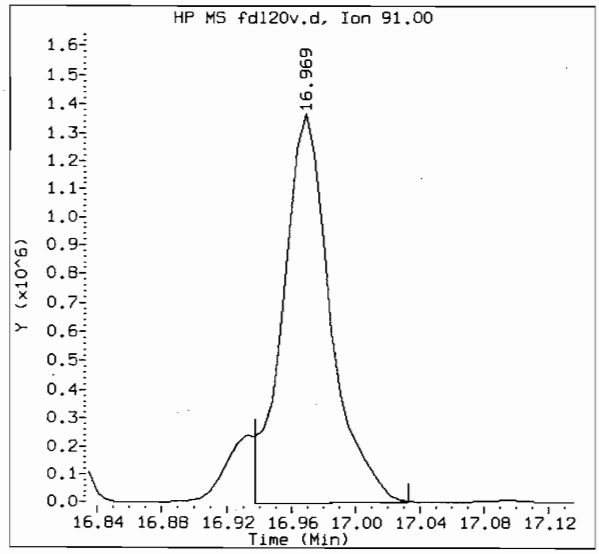


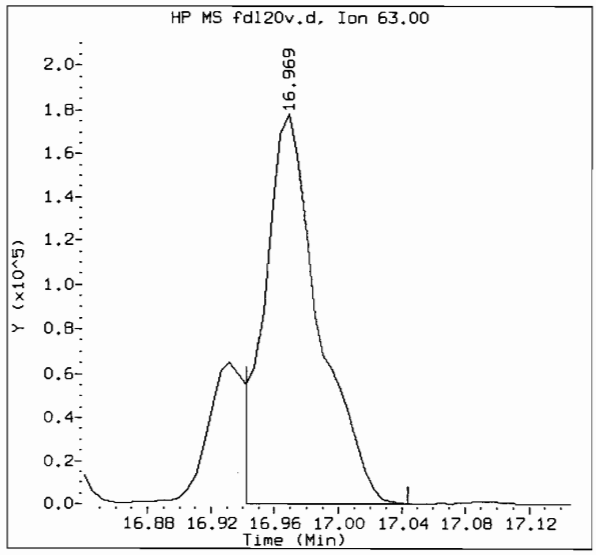


Original Integrations:

Area = 3119407

Area = 426357





Final Integrations:

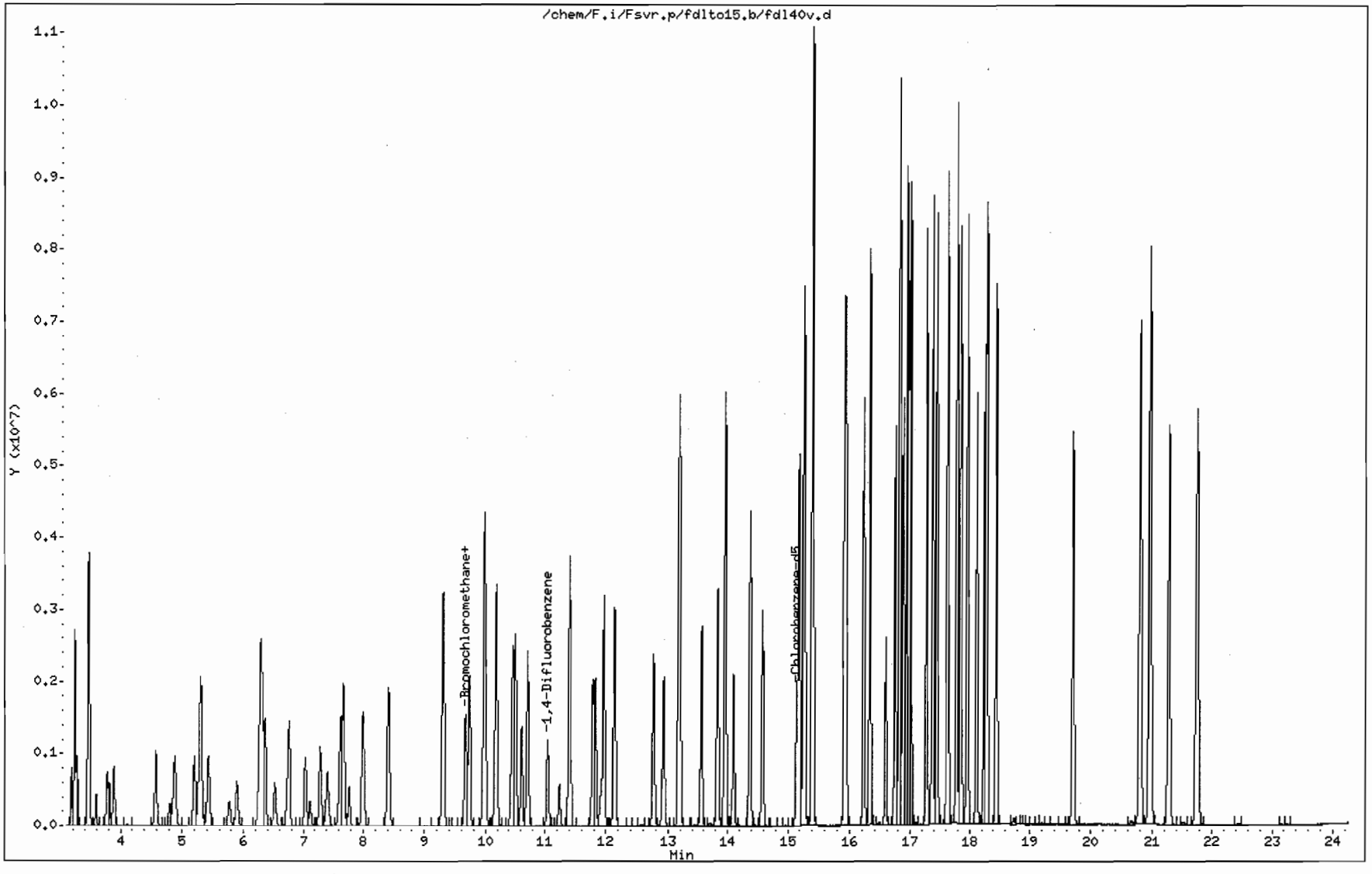
Area = 2883426

Area = 426357

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fd1to15.b/fd140v.d
Date : 04-FEB-2010 02:09
Client ID: ASTD040
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 04-FEB-2010 02:09
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD040;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	375084	40.0000	33
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	2590813	40.0000	35
3 Chlorodifluoromethane	51	3.269	3.269	(0.339)	1012436	40.0000	34
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.461	3.461	(0.359)	2373597	40.0000	36
5 Chloromethane	50	3.595	3.595	(0.372)	480759	40.0000	35
6 Butane	43	3.777	3.777	(0.391)	787722	40.0000	35
7 Vinyl chloride	62	3.820	3.820	(0.396)	692346	40.0000	38
8 Butadiene	54	3.889	3.889	(0.403)	486014	40.0000	39
9 Bromomethane	94	4.585	4.579	(0.475)	951413	40.0000	40
10 Chloroethane	64	4.809	4.809	(0.498)	399594	40.0000	38
11 2-Methylbutane	43	4.884	4.884	(0.506)	667106	40.0000	32
12 Vinyl bromide	106	5.200	5.200	(0.539)	1032181	40.0000	41(A)
13 Trichlorofluoromethane	101	5.296	5.291	(0.549)	3260911	40.0000	37
14 Pentane	43	5.425	5.425	(0.562)	997734	40.0000	35
15 Ethanol	45	5.762	5.751	(0.597)	537030	100.000	79

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	16 Ethyl ether	59	5.885	5.890	(0.610)	572623	40.0000	41(A)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.281	6.281	(0.651)	2008191	40.0000	41(A)
	18 Acrolein	56	6.243	6.243	(0.647)	291746	40.0000	38
	19 1,1-Dichloroethene	96	6.350	6.350	(0.658)	914187	40.0000	43(A)
	20 Acetone	43	6.516	6.516	(0.675)	1074460	40.0000	33
	21 Carbon disulfide	76	6.757	6.757	(0.700)	2559806	40.0000	39
	22 Isopropyl alcohol	45	6.730	6.719	(0.697)	787652	40.0000	35
	23 3-Chloro-1-propene	41	7.030	7.030	(0.728)	821807	40.0000	38
	24 Acetonitrile	41	7.115	7.110	(0.737)	461635	40.0000	37
	25 Methylene chloride	49	7.281	7.281	(0.754)	773631	40.0000	36
	26 2-Methyl-2-propanol	59	7.409	7.399	(0.768)	1536880	40.0000	36
	27 Methyl tert-butyl ether	73	7.623	7.623	(0.790)	2889086	40.0000	40
	28 trans-1,2-Dichloroethene	61	7.677	7.672	(0.795)	1275822	40.0000	39
	29 Acrylonitrile	53	7.768	7.763	(0.805)	542523	40.0000	38
	30 Hexane	57	7.993	7.993	(0.828)	1200446	40.0000	36
	31 1,1-Dichloroethane	63	8.404	8.404	(0.871)	1569169	40.0000	39
	32 Vinyl acetate	43	8.421	8.415	(0.872)	1796574	40.0000	36
M	33 1,2-Dichloroethene,Total	61				2358917	80.0000	81
	34 cis-1,2-Dichloroethene	96	9.293	9.293	(0.963)	1083095	40.0000	42(A)
	35 Ethyl acetate	88	9.303	9.298	(0.964)	89160	40.0000	40
	36 2-Butanone(MEK)	72	9.293	9.293	(0.963)	437340	40.0000	37(Q)
*	37 Bromochloromethane	128	9.651	9.656	(1.000)	285350	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	731369	40.0000	37
	39 Chloroform	83	9.731	9.726	(1.008)	2335998	40.0000	40
	40 Cyclohexane	84	9.983	9.983	(0.904)	1343495	40.0000	42(A)
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.903)	2824543	40.0000	41(A)
	42 Carbon tetrachloride	117	10.175	10.175	(0.921)	3298212	40.0000	42(A)
	43 Isooctane	57	10.459	10.459	(0.947)	3814448	40.0000	40
	44 Benzene	78	10.507	10.502	(0.951)	2891400	40.0000	40
	45 1,2-Dichloroethane	62	10.609	10.609	(0.960)	1546449	40.0000	39
	46 n-Heptane	43	10.705	10.705	(0.969)	1218665	40.0000	37
*	47 1,4-Difluorobenzene	114	11.047	11.042	(1.000)	1342630	10.0000	
	48 n-Butanol	56	11.234	11.234	(1.017)	457414	40.0000	40
	49 Trichloroethene	95	11.406	11.400	(1.032)	1563269	40.0000	43(A)
	50 1,2-Dichloropropane	63	11.780	11.780	(1.066)	949393	40.0000	41(AQ)
	51 Methyl methacrylate	69	11.823	11.823	(1.070)	1059091	40.0000	42(AQ)
	52 Dibromomethane	174	11.962	11.962	(1.083)	1711538	40.0000	47(A)
	53 1,4-Dioxane	88	11.914	11.914	(1.078)	431285	40.0000	38
	54 Dichlorobromomethane	83	12.133	12.133	(1.098)	2688523	40.0000	43(A)
	55 cis-1,3-Dichloropropene	75	12.764	12.759	(1.155)	1837602	40.0000	43(A)
	56 4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.170)	1710667	40.0000	38
	57 n-Octane	43	13.176	13.171	(1.193)	1621557	40.0000	35
	58 Toluene	92	13.192	13.187	(0.871)	2406491	40.0000	39
	59 trans-1,3-Dichloropropene	75	13.556	13.551	(1.227)	2092364	40.0000	42(A)
	60 1,1,2-Trichloroethane	83	13.829	13.824	(0.913)	1143733	40.0000	43(A)
	61 Tetrachloroethene	166	13.952	13.952	(0.921)	2661236	40.0000	46(A)
	62 2-Hexanone	43	14.097	14.097	(0.931)	1701067	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.380	14.375	(0.949)	3295428	40.0000	47 (A)
	64 Ethylene Dibromide	107	14.583	14.578	(0.963)	2563200	40.0000	44 (A)
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1335703	10.0000	
	66 Chlorobenzene	112	15.183	15.183	(1.002)	3727433	40.0000	44 (A)
	67 n-Nonane	57	15.279	15.273	(1.009)	1837988	40.0000	37
	68 Ethylbenzene	91	15.252	15.252	(1.007)	5468467	40.0000	40 (A)
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	4646229	80.0000	84 (A)
M	70 Xylenes, Total	106				6948090	40.0000	130 (A)
	71 o-Xylene	106	15.915	15.915	(1.051)	2301861	40.0000	42 (A)
	72 Styrene	104	15.942	15.937	(1.053)	3704417	40.0000	46 (A)
	73 Bromoform	173	16.226	16.226	(1.071)	3592781	40.0000	47 (A)
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	6720620	40.0000	42 (A)
	76 1,1,2,2-Tetrachloroethane	83	16.739	16.734	(1.105)	2959470	40.0000	41 (A)
	77 n-Propylbenzene	91	16.809	16.803	(1.110)	7220892	40.0000	39
	78 1,2,3-Trichloropropane	75	16.825	16.820	(1.111)	2262601	40.0000	36
	79 n-Decane	57	16.878	16.873	(1.114)	2370439	40.0000	35
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	6945644	40.0000	41 (A)
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	5572127	40.0000	40 (M)
	82 1,3,5-Trimethylbenzene	105	17.001	16.996	(1.123)	5822185	40.0000	41 (A)
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	3276419	40.0000	47 (A)
	84 tert-butylbenzene	119	17.371	17.371	(1.147)	5944674	40.0000	42 (A)
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	5930758	40.0000	41 (A)
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	8108795	40.0000	41 (A)
	87 4-Isopropyltoluene	119	17.782	17.782	(1.174)	7620244	40.0000	42 (A)
	88 1,3-Dichlorobenzene	146	17.852	17.852	(1.179)	4727626	40.0000	43 (A)
	89 1,4-Dichlorobenzene	146	17.964	17.959	(1.186)	4754178	40.0000	43 (A)
	90 Benzyl chloride	91	18.119	18.120	(1.196)	5523669	40.0000	42 (A)
	91 Undecane	57	18.253	18.248	(1.205)	2657239	40.0000	34
	92 n-Butylbenzene	91	18.285	18.285	(1.207)	6065812	40.0000	39
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	4473809	40.0000	43 (A)
	94 Dodecane	57	19.708	19.703	(1.301)	2681458	40.0000	34
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	4064059	40.0000	44 (A)
	96 Hexachlorobutadiene	225	20.966	20.966	(1.384)	2958969	40.0000	42 (A)
	97 Naphthalene	128	21.281	21.281	(1.405)	8311364	40.0000	42 (A)
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	3651708	40.0000	44 (A)

QC Flag Legend

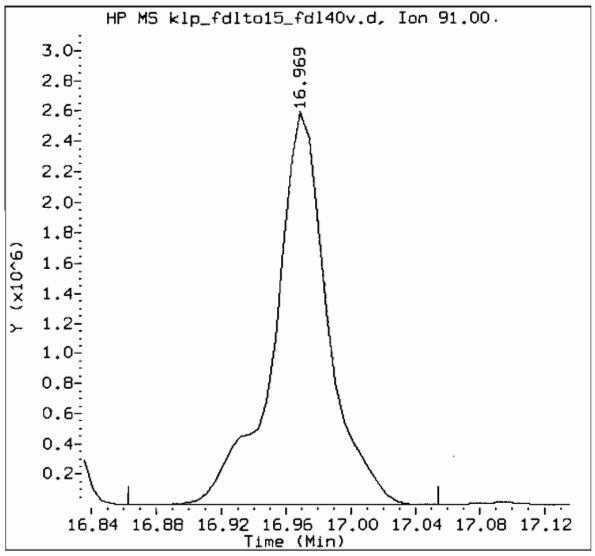
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

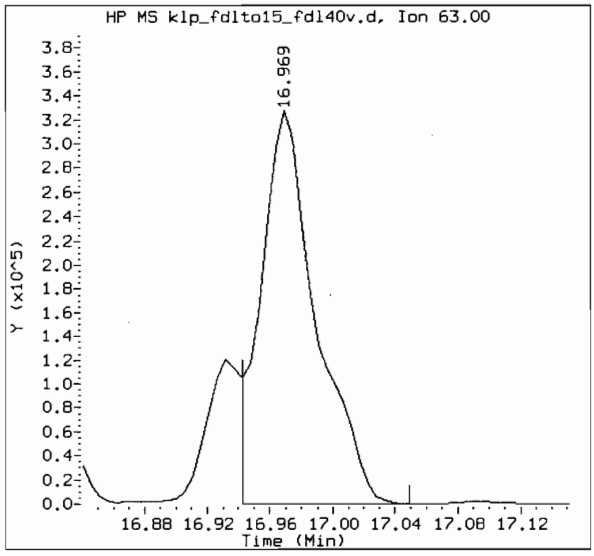
MANUAL INTEGRATION REPORT

Data File Name: fdl40v.d
Client Sample ID: ASTD040
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 04-FEB-2010 02:09
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

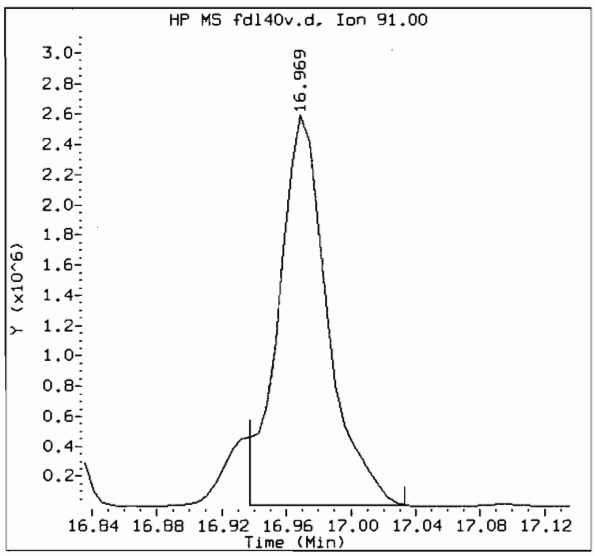


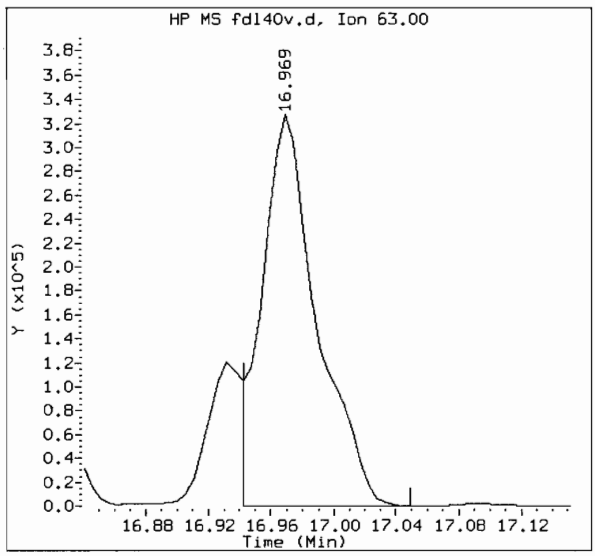


Original Integrations:

Area = 6049804

Area = 803359





Final Integrations:

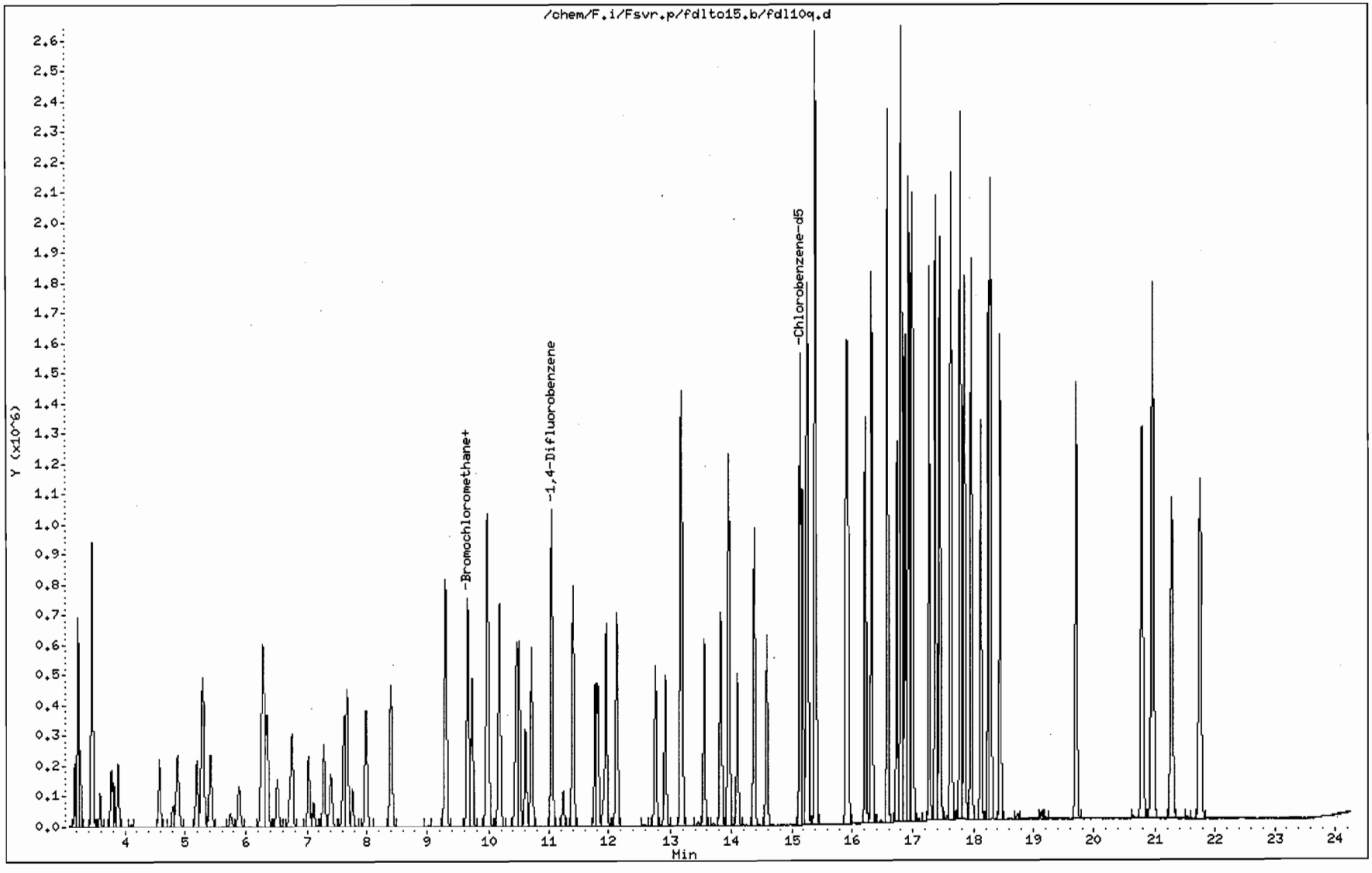
Area = 5572127

Area = 803359

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl10q.d
Date : 04-FEB-2010 03:51
Client ID: FA020310ICV
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl10q.d
Lab Smp Id: FA020310ICV Client Smp ID: FA020310ICV
Inj Date : 04-FEB-2010 03:51
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : FA020310ICV;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Propene	41	3.167	3.172	(0.328)	93330	10.3625	10
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	667087	11.2031	11
3 Chlorodifluoromethane	51	3.263	3.269	(0.338)	260530	10.9800	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	604345	11.4094	11
5 Chloromethane	50	3.590	3.595	(0.372)	119517	10.8365	11
6 Butane	43	3.777	3.777	(0.391)	191636	10.5626	11
7 Vinyl chloride	62	3.814	3.820	(0.395)	167133	11.3347	11
8 Butadiene	54	3.884	3.889	(0.402)	120479	11.9298	12
9 Bromomethane	94	4.579	4.579	(0.474)	199803	10.3891	10
10 Chloroethane	64	4.809	4.809	(0.498)	86901	10.2885	10
11 2-Methylbutane	43	4.879	4.884	(0.506)	160284	9.57856	9.6
12 Vinyl bromide	106	5.200	5.200	(0.539)	222210	11.0597	11
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	757978	10.6452	11
14 Pentane	43	5.419	5.425	(0.562)	240922	10.6228	11
15 Ethanol	45	5.751	5.751	(0.596)	69030	12.7409	13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	16 Ethyl ether	59	5.885	5.890	(0.610)	120939	10.6967	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.275	6.281	(0.650)	467942	11.8761	12
	18 Acrolein	56	6.243	6.243	(0.647)	55690	8.95761	9.0
	19 1,1-Dichloroethene	96	6.345	6.350	(0.657)	210585	12.2968	12
	20 Acetone	43	6.511	6.516	(0.675)	274176	10.5866	11
	21 Carbon disulfide	76	6.757	6.757	(0.700)	567107	10.8782	11
	22 Isopropyl alcohol	45	6.714	6.719	(0.696)	181288	9.98139	10
	23 3-Chloro-1-propene	41	7.029	7.030	(0.728)	200319	11.5547	12
	24 Acetonitrile	41	7.110	7.110	(0.737)	106748	10.7232	11
	25 Methylene chloride	49	7.276	7.281	(0.754)	199231	11.4541	11
	26 2-Methyl-2-propanol	59	7.393	7.399	(0.766)	333391	9.86059	9.9
	27 Methyl tert-butyl ether	73	7.623	7.623	(0.790)	652510	11.2646	11
	28 trans-1,2-Dichloroethene	61	7.671	7.672	(0.795)	297674	11.3983	11
	29 Acrylonitrile	53	7.757	7.763	(0.804)	122241	10.8146	11
	30 Hexane	57	7.992	7.993	(0.828)	276210	10.3956	10
	31 1,1-Dichloroethane	63	8.399	8.404	(0.870)	366700	11.2734	11
	32 Vinyl acetate	43	8.415	8.415	(0.872)	429915	10.6868	11
M	33 1,2-Dichloroethene,Total	61				535746	22.9827	23
	34 cis-1,2-Dichloroethene	96	9.287	9.293	(0.962)	238072	11.5844	12
	35 Ethyl acetate	88	9.298	9.298	(0.963)	18968	10.6061	11
	36 2-Butanone(MEK)	72	9.292	9.293	(0.963)	97730	10.2871	10
*	37 Bromochloromethane	128	9.651	9.656	(1.000)	228732	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	178382	10.8449	11
	39 Chloroform	83	9.726	9.726	(1.008)	528516	11.1870	11
	40 Cyclohexane	84	9.983	9.983	(0.904)	293000	11.1190	11
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	643758	11.2011	11
	42 Carbon tetrachloride	117	10.175	10.175	(0.922)	711290	10.9319	11
	43 Isooctane	57	10.459	10.459	(0.947)	899476	11.2736	11
	44 Benzene	78	10.501	10.502	(0.951)	630004	10.3321	10
	45 1,2-Dichloroethane	62	10.603	10.609	(0.960)	364779	11.1578	11
	46 n-Heptane	43	10.705	10.705	(0.969)	307778	11.0777	11
*	47 1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1119202	10.0000	
	48 n-Butanol	56	11.234	11.234	(1.017)	84913	8.90187	8.9
	49 Trichloroethene	95	11.400	11.400	(1.032)	334643	11.0394	11
	50 1,2-Dichloropropane	63	11.775	11.780	(1.066)	210272	10.9084	11
	51 Methyl methacrylate	69	11.823	11.823	(1.071)	227970	10.9008	11
	52 Dibromomethane	174	11.962	11.962	(1.083)	333493	10.9156	11
	53 1,4-Dioxane	88	11.914	11.914	(1.079)	83769	8.96635	9.0
	54 Dichlorobromomethane	83	12.128	12.133	(1.098)	616528	11.7448	12
	55 cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	391935	10.9758	11
	56 4-Methyl-2-pentanone(MIBK)	43	12.920	12.920	(1.170)	419190	11.1304	11
	57 n-Octane	43	13.171	13.171	(1.193)	429092	11.1160	11
	58 Toluene	92	13.187	13.187	(0.871)	513727	9.91080	9.9
	59 trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	453879	10.9629	11
	60 1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	234140	10.3744	10
	61 Tetrachloroethene	166	13.952	13.952	(0.922)	507061	10.4143	10
	62 2-Hexanone	43	14.096	14.097	(0.931)	409775	10.7958	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	692477	11.7048	12
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	519175	10.6695	11
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1126614	10.0000	
	66 Chlorobenzene	112	15.182	15.183	(1.003)	748782	10.4978	10
	67 n-Nonane	57	15.273	15.273	(1.009)	462239	11.0404	11
	68 Ethylbenzene	91	15.252	15.252	(1.007)	1222597	10.6524	11
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	986419	21.0533	21
M	70 Xylenes, Total	106				1465394	32.0624	32
	71 o-Xylene	106	15.910	15.915	(1.051)	478975	10.4798	10
	72 Styrene	104	15.937	15.937	(1.053)	751828	11.1338	11
	73 Bromoform	173	16.226	16.226	(1.072)	747398	11.7141	12
	74 Isopropylbenzene	105	16.322	16.327	(1.078)	1495087	11.0112	11
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	649545	10.5468	11
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	1736689	11.0891	11
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	558927	10.5968	11
	79 n-Decane	57	16.873	16.873	(1.114)	610987	10.8134	11
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	1593640	11.0571	11
	81 2-Chlorotoluene	91	16.969	16.969	(1.121)	1313825	11.0646	11
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	1295503	10.9003	11
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.141)	677111	11.6305	12
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	1319415	11.0499	11
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	1294959	10.5653	11
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	1880638	11.1761	11
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	1691757	11.1179	11
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.179)	960963	10.4399	10
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	965269	10.3771	10
	90 Benzyl chloride	91	18.114	18.120	(1.196)	1205208	10.8777	11
	91 Undecane	57	18.248	18.248	(1.205)	717066	10.7877	11
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	1466378	11.2781	11
	93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	897040	10.2243	10
	94 Dodecane	57	19.703	19.703	(1.301)	689966	10.4218	10
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	716658	9.24017	9.2
	96 Hexachlorobutadiene	225	20.960	20.966	(1.384)	610618	10.2173	10
	97 Naphthalene	128	21.276	21.281	(1.405)	1558180	9.41378	9.4
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.437)	690615	9.77358	9.8

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: fdlto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: FA020310ICV Client Smp ID: FA020310ICV
Level: LOW Operator: pad
Data Type: MS DATA SampleType: LCS
SpikeList File: all.spk Quant Type: ISTD
Sublist File: full.sub
Method File: /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Misc Info: FA020310ICV;020310FA;1;200

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1	Propene	10	10	103.63	70-130
2	Dichlorodifluorome	10	11	112.03	70-130
3	Chlorodifluorometh	10	11	109.80	70-130
4	1,2-Dichloro-1,1,2	10	11	114.09	70-130
5	Chloromethane	10	11	108.37	70-130
6	Butane	10	11	105.63	70-130
7	Vinyl chloride	10	11	113.35	70-130
8	Butadiene	10	12	119.30	70-130
9	Bromomethane	10	10	103.89	70-130
10	Chloroethane	10	10	102.88	70-130
11	2-Methylbutane	10	9.6	95.79	70-130
12	Vinyl bromide	10	11	110.60	70-130
13	Trichlorofluoromet	10	11	106.45	70-130
14	Pentane	10	11	106.23	70-130
15	Ethanol	10	13	127.41	70-130
16	Ethyl ether	10	11	106.97	70-130
18	Acrolein	10	9.0	89.58	70-130
17	1,1,2-Trichloro-1,	10	12	118.76	70-130
19	1,1-Dichloroethene	10	12	122.97	70-130
20	Acetone	10	11	105.87	70-130
22	Isopropyl alcohol	10	10	99.81	70-130
21	Carbon disulfide	10	11	108.78	70-130
23	3-Chloro-1-propene	10	12	115.55	70-130
24	Acetonitrile	10	11	107.23	70-130
25	Methylene chloride	10	11	114.54	70-130
26	2-Methyl-2-propano	10	9.9	98.61	70-130
27	Methyl tert-butyl	10	11	112.65	70-130
28	trans-1,2-Dichloro	10	11	113.98	70-130
29	Acrylonitrile	10	11	108.15	70-130
30	Hexane	10	10	103.96	70-130
32	Vinyl acetate	10	11	106.87	70-130
31	1,1-Dichloroethane	10	11	112.73	70-130
36	2-Butanone(MEK)	10	10	102.87	70-130

SPIKE		COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35	Ethyl acetate	10	11	106.06	70-130
	34	cis-1,2-Dichloroet	10	12	115.84	70-130
M	33	1,2-Dichloroethene	20	23	115.00	70-130
	39	Chloroform	10	11	111.87	70-130
	38	Tetrahydrofuran	10	11	108.45	70-130
	41	1,1,1-Trichloroeth	10	11	112.01	70-130
	40	Cyclohexane	10	11	111.19	70-130
	42	Carbon tetrachlori	10	11	109.32	70-130
	43	Isooctane	10	11	112.74	70-130
	44	Benzene	10	10	103.32	70-130
	45	1,2-Dichloroethane	10	11	111.58	70-130
	46	n-Heptane	10	11	110.78	70-130
	48	n-Butanol	10	8.9	89.02	70-130
	49	Trichloroethene	10	11	110.39	70-130
	51	Methyl methacrylat	10	11	109.01	70-130
	50	1,2-Dichloropropan	10	11	109.08	70-130
	53	1,4-Dioxane	10	9.0	89.66	70-130
	52	Dibromomethane	10	11	109.16	70-130
	54	Dichlorobromometha	10	12	117.45	70-130
	55	cis-1,3-Dichloropr	10	11	109.76	70-130
	56	4-Methyl-2-pentano	10	11	111.30	70-130
	57	n-Octane	10	11	111.16	70-130
	58	Toluene	10	9.9	99.11	70-130
	59	trans-1,3-Dichloro	10	11	109.63	70-130
	60	1,1,2-Trichloroeth	10	10	103.74	70-130
	61	Tetrachloroethene	10	10	104.14	70-130
	62	2-Hexanone	10	11	107.96	70-130
	63	Chlorodibromometha	10	12	117.05	70-130
	64	Ethylene Dibromide	10	11	106.69	70-130
	67	n-Nonane	10	11	110.40	70-130
	66	Chlorobenzene	10	10	104.98	70-130
	68	Ethylbenzene	10	11	106.52	70-130
	69	Xylene (m,p)	20	21	105.27	70-130
	71	o-Xylene	10	10	104.80	70-130
M	70	Xylenes, Total	30	32	106.87	70-130
	72	Styrene	10	11	111.34	70-130
	73	Bromoform	10	12	117.14	70-130
	74	Isopropylbenzene	10	11	110.11	70-130
	76	1,1,2,2-Tetrachlor	10	11	105.47	70-130
	79	n-Decane	10	11	108.13	70-130
	77	n-Propylbenzene	10	11	110.89	70-130
	78	1,2,3-Trichloropro	10	11	105.97	70-130
	80	4-Ethyltoluene	10	11	110.57	70-130
	82	1,3,5-Trimethylben	10	11	109.00	70-130
	81	2-Chlorotoluene	10	11	110.65	70-130
	83	Alpha Methyl Styre	10	12	116.31	70-130
	84	tert-butylbenzene	10	11	110.50	70-130

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
85	1,2,4-Trimethylben	10	11	105.65	70-130
86	sec-Butylbenzene	10	11	111.76	70-130
87	4-Isopropyltoluene	10	11	111.18	70-130
88	1,3-Dichlorobenzen	10	10	104.40	70-130
89	1,4-Dichlorobenzen	10	10	103.77	70-130
91	Undecane	10	11	107.88	70-130
90	Benzyl chloride	10	11	108.78	70-130
92	n-Butylbenzene	10	11	112.78	70-130
93	1,2-Dichlorobenzen	10	10	102.24	70-130
94	Dodecane	10	10	104.22	70-130
95	1,2,4-Trichloroben	10	9.2	92.40	70-130
96	Hexachlorobutadien	10	10	102.17	70-130
97	Naphthalene	10	9.4	94.14	70-130
98	1,2,3-Trichloroben	10	9.8	97.74	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date: 02/16/10 Time: 1408

Lab File ID: FDL10NV Init. Calib. Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Init. Calib. Times: 2106 0209

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

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.603	2.686	0.01	3.2	30.0
1,2-Dichlorotetrafluoroethan	2.316	2.424	0.01	4.7	30.0
Chloromethane	0.482	0.460	0.01	4.6	30.0
Vinyl Chloride	0.644	0.626	0.01	2.8	30.0
1,3-Butadiene	0.441	0.427	0.01	3.2	30.0
Bromomethane	0.841	0.796	0.01	5.4	30.0
Chloroethane	0.369	0.311	0.01	15.7	30.0
Bromoethene	0.878	0.850	0.01	3.2	30.0
Trichlorofluoromethane	3.113	2.926	0.01	6.0	30.0
Freon TF	1.722	1.796	0.01	4.3	30.0
1,1-Dichloroethene	0.748	0.785	0.01	4.9	30.0
Acetone	1.132	1.022	0.01	9.7	30.0
Isopropyl Alcohol	0.794	0.701	0.01	11.7	30.0
Carbon disulfide	2.279	2.191	0.01	3.9	30.0
3-Chloropropene	0.758	0.695	0.01	8.3	30.0
Methylene chloride	0.760	0.685	0.01	9.9	30.0
tert-Butyl Alcohol	1.478	1.351	0.01	8.6	30.0
Methyl tert-Butyl Ether	2.532	2.553	0.01	0.8	30.0
trans-1,2-Dichloroethene	1.142	1.136	0.01	0.5	30.0
n-Hexane	1.162	1.036	0.01	10.8	30.0
1,1-Dichloroethane	1.422	1.399	0.1	1.6	30.0
Methyl Ethyl Ketone	0.415	0.378	0.01	8.9	30.0
cis-1,2-Dichloroethene	0.898	0.941	0.01	4.8	30.0
1,2-Dichloroethene,Total	1.020	1.039	0.01	1.9	30.0
Chloroform	2.065	2.131	0.01	3.2	30.0
Tetrahydrofuran	0.147	0.132	0.01	10.2	30.0
1,1,1-Trichloroethane	0.514	0.554	0.01	7.8	30.0
Cyclohexane	0.235	0.243	0.01	3.4	30.0
Carbon tetrachloride	0.581	0.637	0.01	9.6	30.0
2,2,4-Trimethylpentane	0.713	0.699	0.01	2.0	30.0
Benzene	0.545	0.521	0.01	4.4	30.0
1,2-Dichloroethane	0.292	0.298	0.01	2.0	30.0
n-Heptane	0.248	0.229	0.01	7.7	30.0
Trichloroethene	0.271	0.289	0.01	6.6	30.0
1,2-Dichloropropane	0.172	0.172	0.01	0.0	30.0
1,4-Dioxane	0.083	0.081	0.01	2.4	30.0
Bromodichloromethane	0.469	0.510	0.01	8.7	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date: 02/16/10 Time: 1408

Lab File ID: FDL10NV Init. Calib. Date(s): 02/03/10 02/04/10

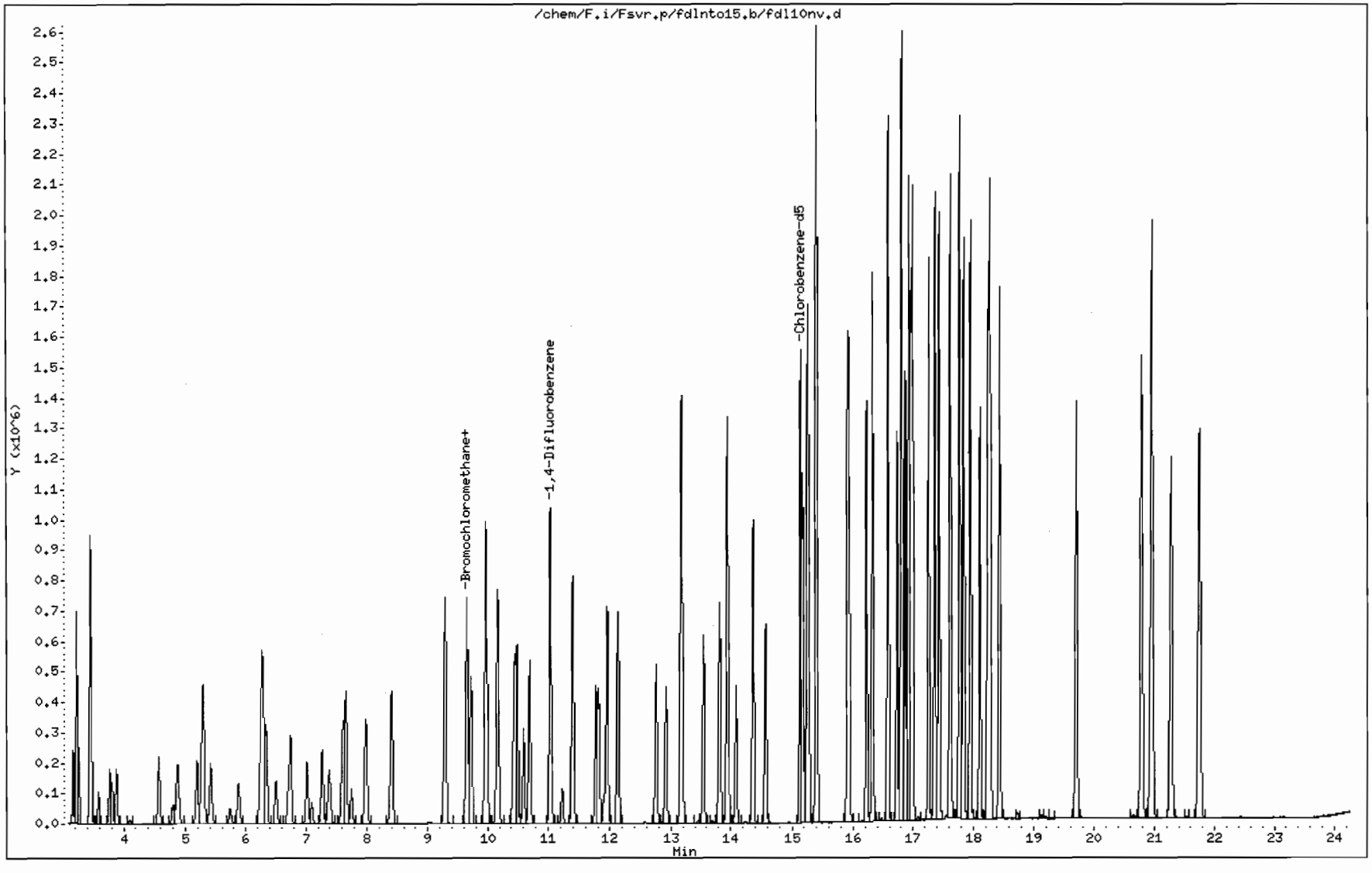
Heated Purge: (Y/N) N Init. Calib. Times: 2106 0209

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.319	0.333	0.01	4.4	30.0
Methyl Isobutyl Ketone	0.336	0.313	0.01	6.8	30.0
Toluene	0.460	0.445	0.01	3.3	30.0
trans-1,3-Dichloropropene	0.370	0.388	0.01	4.9	30.0
1,1,2-Trichloroethane	0.200	0.210	0.01	5.0	30.0
Tetrachloroethene	0.432	0.493	0.01	14.1	30.0
Methyl Butyl Ketone	0.337	0.315	0.01	6.5	30.0
Dibromochloromethane	0.525	0.611	0.01	16.4	30.0
1,2-Dibromoethane	0.432	0.476	0.01	10.2	30.0
Chlorobenzene	0.633	0.679	0.3	7.3	30.0
Ethylbenzene	1.019	1.046	0.01	2.6	30.0
Xylene (m,p)	0.416	0.438	0.01	5.3	30.0
Xylene (o)	0.406	0.430	0.01	5.9	30.0
Xylenes, Total	0.406	0.430	0.01	5.9	30.0
Styrene	0.599	0.667	0.01	11.4	30.0
Bromoform	0.566	0.686	0.01	21.2	30.0
1,1,2,2-Tetrachloroethane	0.547	0.567	0.01	3.6	30.0
4-Ethyltoluene	1.279	1.350	0.01	5.6	30.0
1,3,5-Trimethylbenzene	1.055	1.145	0.01	8.5	30.0
2-Chlorotoluene	1.054	1.210	0.01	14.8	30.0
1,2,4-Trimethylbenzene	1.088	1.164	0.01	7.0	30.0
1,3-Dichlorobenzene	0.817	0.913	0.01	11.8	30.0
1,4-Dichlorobenzene	0.826	0.917	0.01	11.0	30.0
1,2-Dichlorobenzene	0.779	0.868	0.01	11.4	30.0
1,2,4-Trichlorobenzene	0.688	0.734	0.01	6.7	30.0
Hexachlorobutadiene	0.530	0.594	0.01	12.1	30.0

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nv.d
Date : 16-FEB-2010 14:08
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 16-FEB-2010 14:08
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD010;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	658577	10.0000	10
4 1,2-Dichlorotetrafluoroethane	85	3.456	3.461	(0.358)	594296	10.0000	10
5 Chloromethane	50	3.584	3.595	(0.372)	112715	10.0000	9.5
7 Vinyl Chloride	62	3.809	3.820	(0.395)	153474	10.0000	9.7
8 1,3-Butadiene	54	3.884	3.889	(0.403)	104734	10.0000	9.7
9 Bromomethane	94	4.569	4.579	(0.474)	195045	10.0000	9.5
10 Chloroethane	64	4.799	4.809	(0.497)	76272	10.0000	8.4
12 Bromoethene	106	5.189	5.200	(0.538)	208357	10.0000	9.7
13 Trichlorofluoromethane	101	5.285	5.291	(0.548)	717295	10.0000	9.4
17 Freon TF	101	6.270	6.281	(0.650)	440398	10.0000	10
19 1,1-Dichloroethene	96	6.339	6.350	(0.657)	192491	10.0000	10
20 Acetone	43	6.505	6.516	(0.674)	250566	10.0000	9.0
22 Isopropyl Alcohol	45	6.708	6.719	(0.696)	171957	10.0000	8.8
21 Carbon disulfide	76	6.746	6.757	(0.699)	537253	10.0000	9.6
23 3-Chloropropene	41	7.019	7.030	(0.728)	170373	10.0000	9.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	25 Methylene chloride	49	7.270	7.281	(0.754)	167911	10.0000	9.0
	26 tert-Butyl Alcohol	59	7.388	7.399	(0.766)	331216	10.0000	9.1
	27 Methyl tert-Butyl Ether	73	7.613	7.623	(0.789)	625857	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.661	7.672	(0.794)	278643	10.0000	10
	30 n-Hexane	57	7.987	7.993	(0.828)	253902	10.0000	8.9
	31 1,1-Dichloroethane	63	8.394	8.404	(0.870)	342971	10.0000	9.8
	36 Methyl Ethyl Ketone	72	9.282	9.293	(0.962)	92762	10.0000	9.1(Q)
	34 cis-1,2-Dichloroethene	96	9.282	9.293	(0.962)	230790	10.0000	10
M	33 1,2-Dichloroethene,Total	61				509433	20.0000	20
*	37 Bromochloromethane	128	9.645	9.656	(1.000)	245168	10.0000	
	39 Chloroform	83	9.715	9.726	(1.007)	522421	10.0000	10
	38 Tetrahydrofuran	42	9.661	9.667	(0.875)	154831	10.0000	9.0
	41 1,1,1-Trichloroethane	97	9.966	9.977	(0.903)	648197	10.0000	11
	40 Cyclohexane	84	9.977	9.983	(0.904)	283838	10.0000	10
	42 Carbon tetrachloride	117	10.164	10.175	(0.921)	744841	10.0000	11
	43 2,2,4-Trimethylpentane	57	10.448	10.459	(0.947)	817451	10.0000	9.8
	44 Benzene	78	10.496	10.502	(0.951)	609689	10.0000	9.6
	45 1,2-Dichloroethane	62	10.598	10.609	(0.960)	349197	10.0000	10
	46 n-Heptane	43	10.699	10.705	(0.969)	267432	10.0000	9.2
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1169759	10.0000	
	49 Trichloroethene	95	11.395	11.400	(1.032)	337599	10.0000	11
	50 1,2-Dichloropropane	63	11.769	11.780	(1.066)	201074	10.0000	10
	53 1,4-Dioxane	88	11.908	11.914	(1.079)	94945	10.0000	9.7
	54 Bromodichloromethane	83	12.122	12.133	(1.098)	597225	10.0000	11
	55 cis-1,3-Dichloropropene	75	12.754	12.759	(1.156)	389744	10.0000	10
	56 Methyl Isobutyl Ketone	43	12.914	12.920	(1.170)	366312	10.0000	9.3
	58 Toluene	92	13.182	13.187	(0.871)	516558	10.0000	9.7
	59 trans-1,3-Dichloropropene	75	13.545	13.551	(1.227)	454175	10.0000	10
	60 1,1,2-Trichloroethane	83	13.818	13.824	(0.913)	243603	10.0000	10
	61 Tetrachloroethene	166	13.947	13.952	(0.922)	571943	10.0000	11
	62 Methyl Butyl Ketone	43	14.086	14.097	(0.931)	365870	10.0000	9.4
	63 Dibromochloromethane	129	14.369	14.375	(0.949)	709763	10.0000	12
	64 1,2-Dibromoethane	107	14.573	14.578	(0.963)	553265	10.0000	11
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1160990	10.0000	
	66 Chlorobenzene	112	15.177	15.183	(1.003)	787968	10.0000	11
	68 Ethylbenzene	91	15.247	15.252	(1.007)	1214276	10.0000	10
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	1016785	20.0000	21
	71 Xylene (o)	106	15.905	15.915	(1.051)	499552	10.0000	11
M	70 Xylenes, Total	106				1516337	10.0000	32
	72 Styrene	104	15.931	15.937	(1.053)	774381	10.0000	11
	73 Bromoform	173	16.220	16.226	(1.072)	796368	10.0000	12
	76 1,1,2,2-Tetrachloroethane	83	16.728	16.734	(1.105)	658053	10.0000	10
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	1567705	10.0000	11
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	1329172	10.0000	11
	81 2-Chlorotoluene	91	16.964	16.969	(1.121)	1288663	10.0000	11(M)
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	1351778	10.0000	11
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	1059703	10.0000	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
89 1,4-Dichlorobenzene	146	17.954	17.959	(1.186)	1064675	10.0000	11
93 1,2-Dichlorobenzene	146	18.435	18.446	(1.218)	1007611	10.0000	11
95 1,2,4-Trichlorobenzene	180	20.784	20.794	(1.373)	851615	10.0000	11
96 Hexachlorobutadiene	225	20.955	20.966	(1.385)	689913	10.0000	11

QC Flag Legend

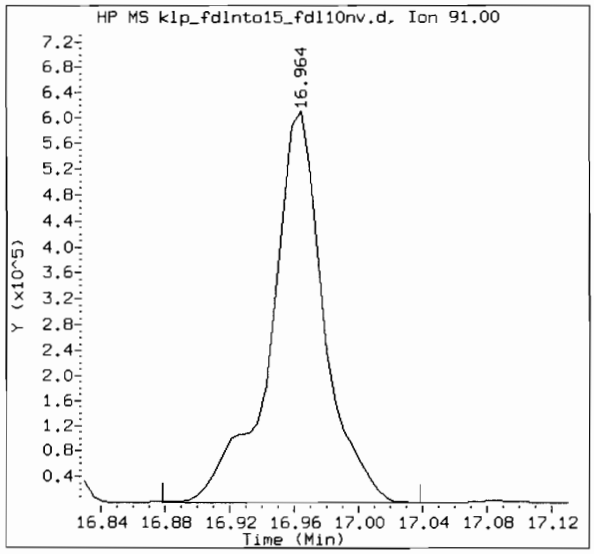
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

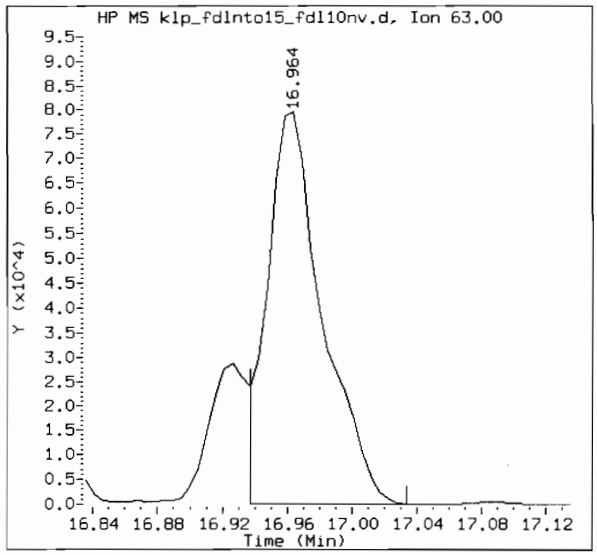
MANUAL INTEGRATION REPORT

Data File Name: fdl10nv.d
Client Sample ID: ASTD010
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 16-FEB-2010 14:08
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/25/2010 08:50

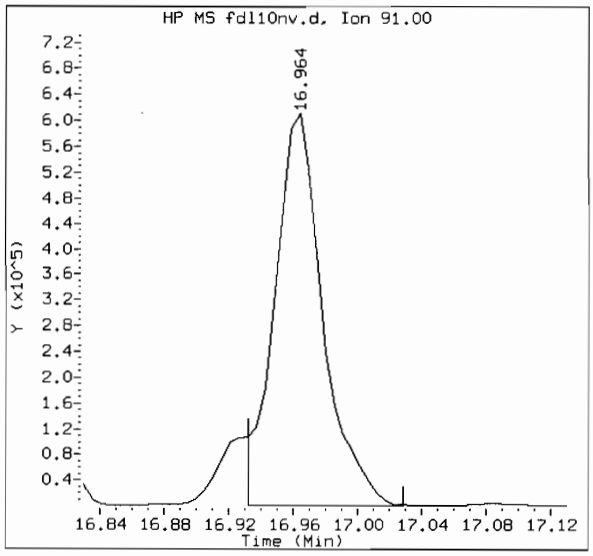


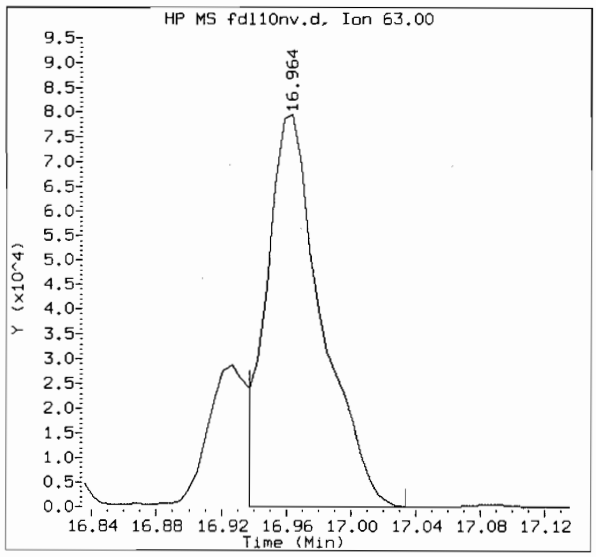


Original Integrations:

Area = 1405057

Area = 193020





Final Integrations:

Area = 1288663

Area = 193020

Manual Integration Reason: MI1 - Poor automated baseline

Raw QC Data – TO-15 Volatile

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl01pv.d

Date : 03-FEB-2010 19:25

Client ID: VBFB

Instrument: F.i

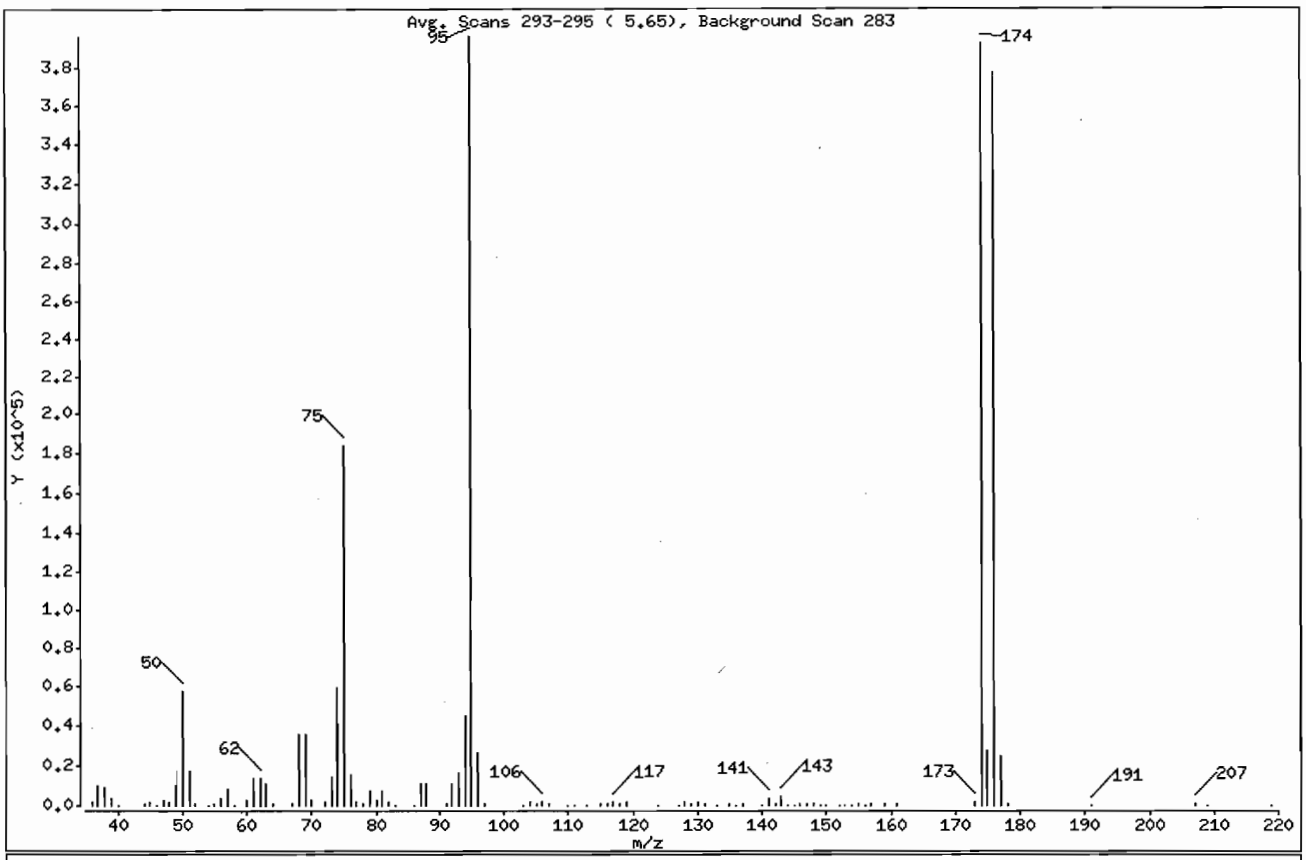
Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.45
75	30.00 - 66.00% of mass 95	46.49
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.46 (0.47)
174	50.00 - 120.00% of mass 95	99.00
175	4.00 - 9.00% of mass 174	6.84 (6.91)
176	93.00 - 101.00% of mass 174	95.24 (96.20)
177	5.00 - 9.00% of mass 176	6.12 (6.43)

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl01pv.d

Date : 03-FEB-2010 19:25

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: fdl01pv.d

Spectrum: Avg. Scans 293-295 (5.65), Background Scan 283

Location of Maximum: 95.00

Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1667	69.00	35856	105.00	545	145.00	402
37.00	10011	70.00	2544	106.00	1566	146.00	754
38.00	9203	72.00	1579	107.00	459	147.00	490
39.00	4052	73.00	14130	110.00	155	148.00	1034
40.00	116	74.00	59320	111.00	243	149.00	439
44.00	1022	75.00	184256	113.00	193	150.00	428
45.00	2210	76.00	15782	115.00	466	152.00	237
46.00	69	77.00	1691	116.00	1355	153.00	312
47.00	2347	78.00	1154	117.00	2085	154.00	276
48.00	1419	79.00	7504	118.00	1352	155.00	1161
49.00	10468	80.00	2386	119.00	1873	156.00	140
50.00	57272	81.00	7728	124.00	250	157.00	719
51.00	17568	82.00	1679	127.00	163	159.00	556
52.00	676	83.00	163	128.00	1470	161.00	606
54.00	67	86.00	183	129.00	859	173.00	1835
55.00	611	87.00	10950	130.00	1605	174.00	392384
56.00	3869	88.00	10603	131.00	613	175.00	27112
57.00	8122	91.00	1189	133.00	181	176.00	377472
58.00	296	92.00	10556	135.00	659	177.00	24264
60.00	2344	93.00	16252	136.00	147	178.00	754
61.00	13459	94.00	44704	137.00	704	191.00	47
62.00	13703	95.00	396352	140.00	161	207.00	628
63.00	10895	96.00	26848	141.00	3886	209.00	42
64.00	1072	97.00	971	142.00	496	219.00	69
67.00	825	103.00	285	143.00	4170		
68.00	35528	104.00	1561	144.00	242		

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl01pv.d

Date : 03-FEB-2010 19:25

Client ID: VBFB

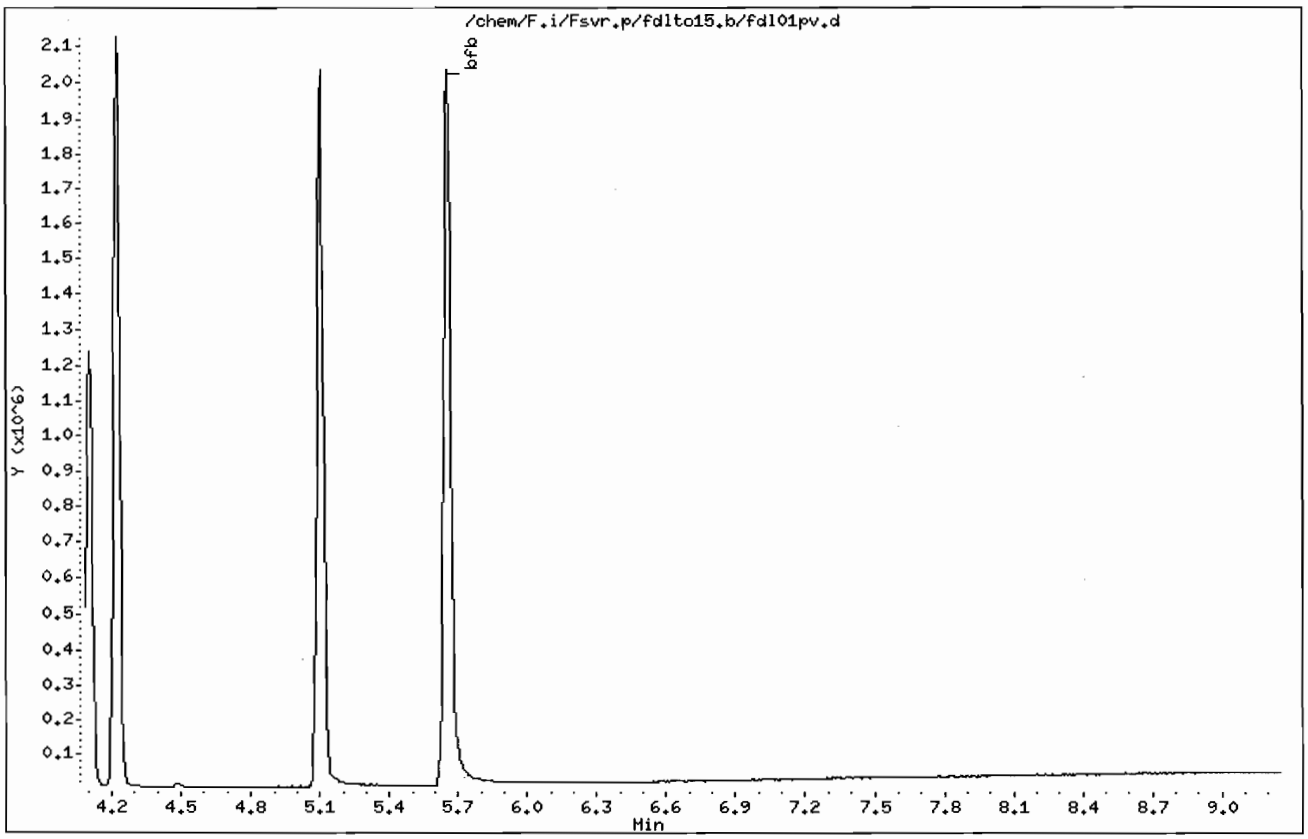
Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl15pv.d

Date : 16-FEB-2010 13:20

Client ID: VBFB

Instrument: F.i

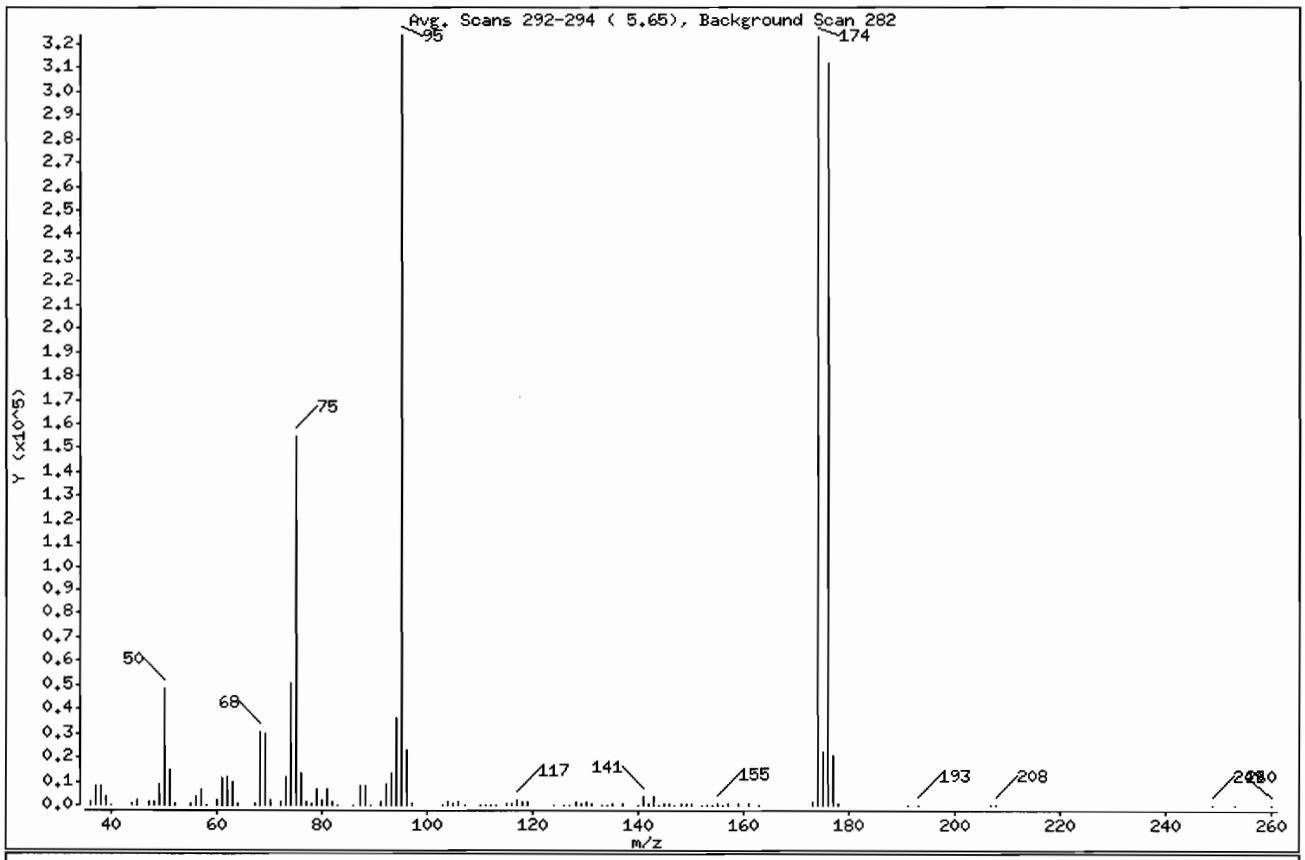
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	15.03
75	30.00 - 66.00% of mass 95	47.79
96	5.00 - 9.00% of mass 95	7.11
173	Less than 2.00% of mass 174	0.50 (0.50)
174	50.00 - 120.00% of mass 95	99.71
175	4.00 - 9.00% of mass 174	6.87 (6.89)
176	93.00 - 101.00% of mass 174	96.34 (96.62)
177	5.00 - 9.00% of mass 176	6.42 (6.67)

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl15pv.d

Date : 16-FEB-2010 13:20

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: fdl15pv.d

Spectrum: Avg. Scans 292-294 (5.65), Background Scan 282

Location of Maximum: 95.00

Number of points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1444	73.00	11808	110.00	69	147.00	225
37.00	8174	74.00	50576	111.00	101	148.00	858
38.00	7904	75.00	154688	112.00	66	149.00	395
39.00	3536	76.00	13558	113.00	75	150.00	375
40.00	76	77.00	1508	115.00	446	152.00	74
44.00	939	78.00	934	116.00	1115	153.00	104
45.00	2046	79.00	6568	117.00	1979	154.00	249
47.00	1597	80.00	2247	118.00	1220	155.00	1048
48.00	1253	81.00	6995	119.00	1559	156.00	183
49.00	8809	82.00	1384	124.00	78	157.00	648
50.00	48656	83.00	139	126.00	77	159.00	446
51.00	14838	86.00	146	127.00	136	161.00	499
52.00	514	87.00	7914	128.00	1297	163.00	4
55.00	590	88.00	8201	129.00	635	173.00	1625
56.00	3384	89.00	84	130.00	1381	174.00	322816
57.00	7016	91.00	1171	131.00	480	175.00	22232
58.00	270	92.00	9028	133.00	38	176.00	311872
60.00	2089	93.00	13765	134.00	82	177.00	20792
61.00	11509	94.00	36792	135.00	514	178.00	628
62.00	11677	95.00	323712	137.00	563	191.00	17
63.00	9512	96.00	23032	140.00	250	193.00	48
64.00	863	97.00	764	141.00	3517	207.00	38
67.00	572	103.00	164	142.00	420	208.00	43
68.00	30160	104.00	1299	143.00	3462	249.00	84
69.00	29512	105.00	547	144.00	146	253.00	16
70.00	2356	106.00	1285	145.00	381	260.00	84
72.00	1281	107.00	370	146.00	553		

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl15pv.d

Date : 16-FEB-2010 13:20

Client ID: VBFB

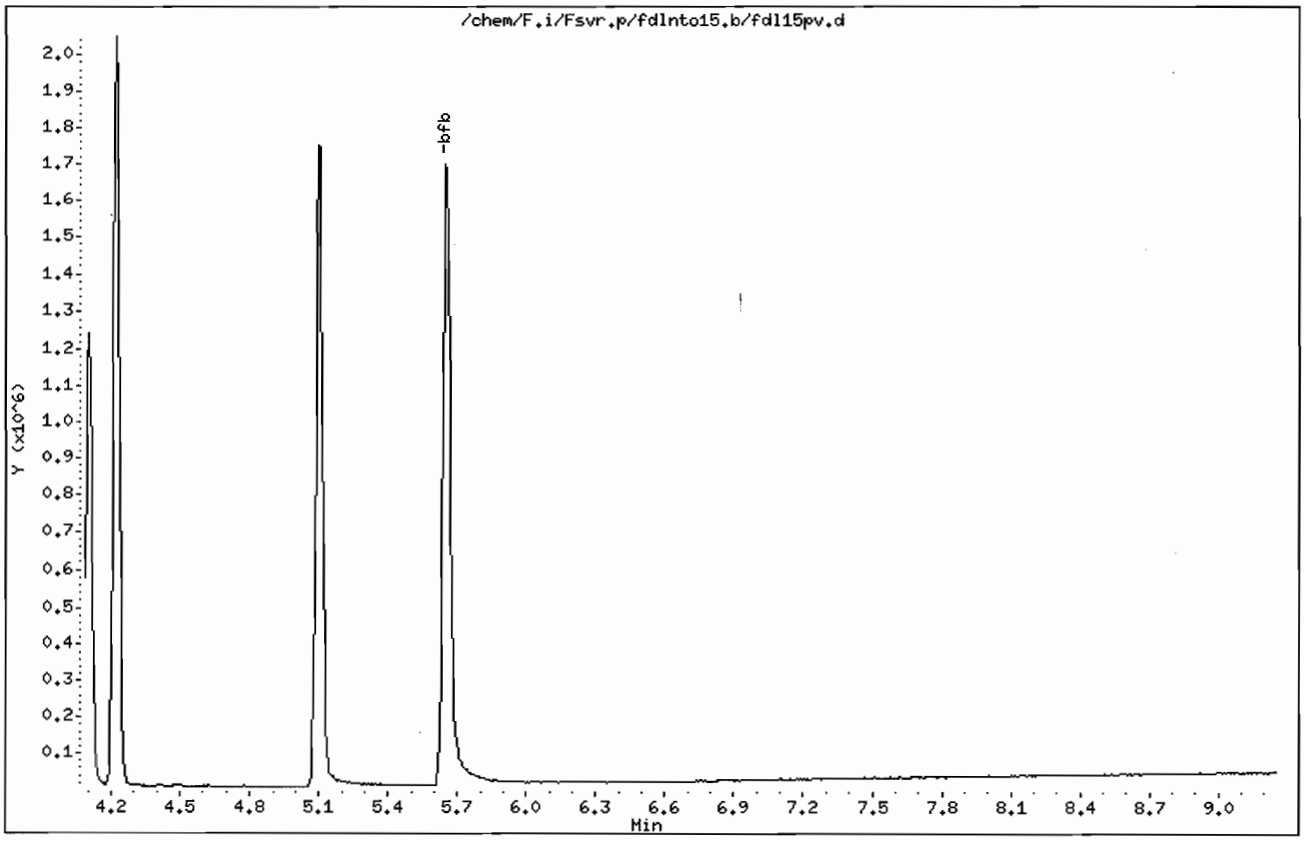
Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: MBLK021610FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDLB01N

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: MBLK021610FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDLB01N

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdlb01n.d

Page 4

Date : 16-FEB-2010 15:49

Client ID: MBLK021610FA

Instrument: F.i

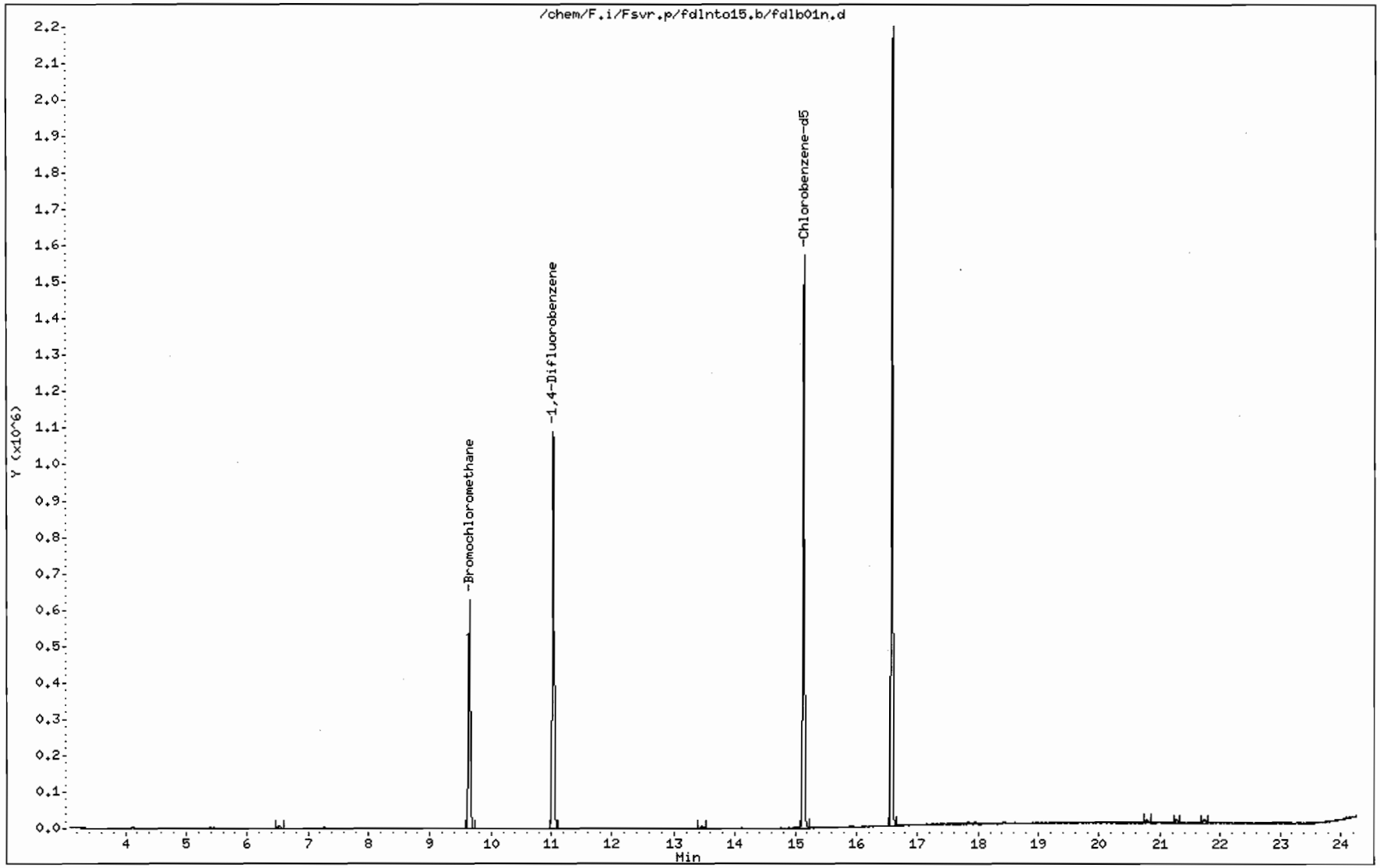
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/fdlb01n.d
Lab Smp Id: MBLK021610FA Client Smp ID: MBLK021610FA
Inj Date : 16-FEB-2010 15:49
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : MBLK021610FA;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	258747	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1244234	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1179849	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: FA021610LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDL10NQ

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	11	
74-87-3	Chloromethane	9.8	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	9.2	
593-60-2	Bromoethene	11	
75-69-4	Trichlorofluoromethane	10	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	9.1	
67-63-0	Isopropyl Alcohol	8.6	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	9.6	
75-09-2	Methylene chloride	9.8	
75-65-0	tert-Butyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	10	
110-54-3	n-Hexane	9.3	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	9.8	
156-59-2	cis-1,2-Dichloroethene	11	
540-59-0	1,2-Dichloroethene,Total	22	
67-66-3	Chloroform	11	
109-99-9	Tetrahydrofuran	9.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	11	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	10	
142-82-5	n-Heptane	9.4	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: FA021610LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDL10NQ

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

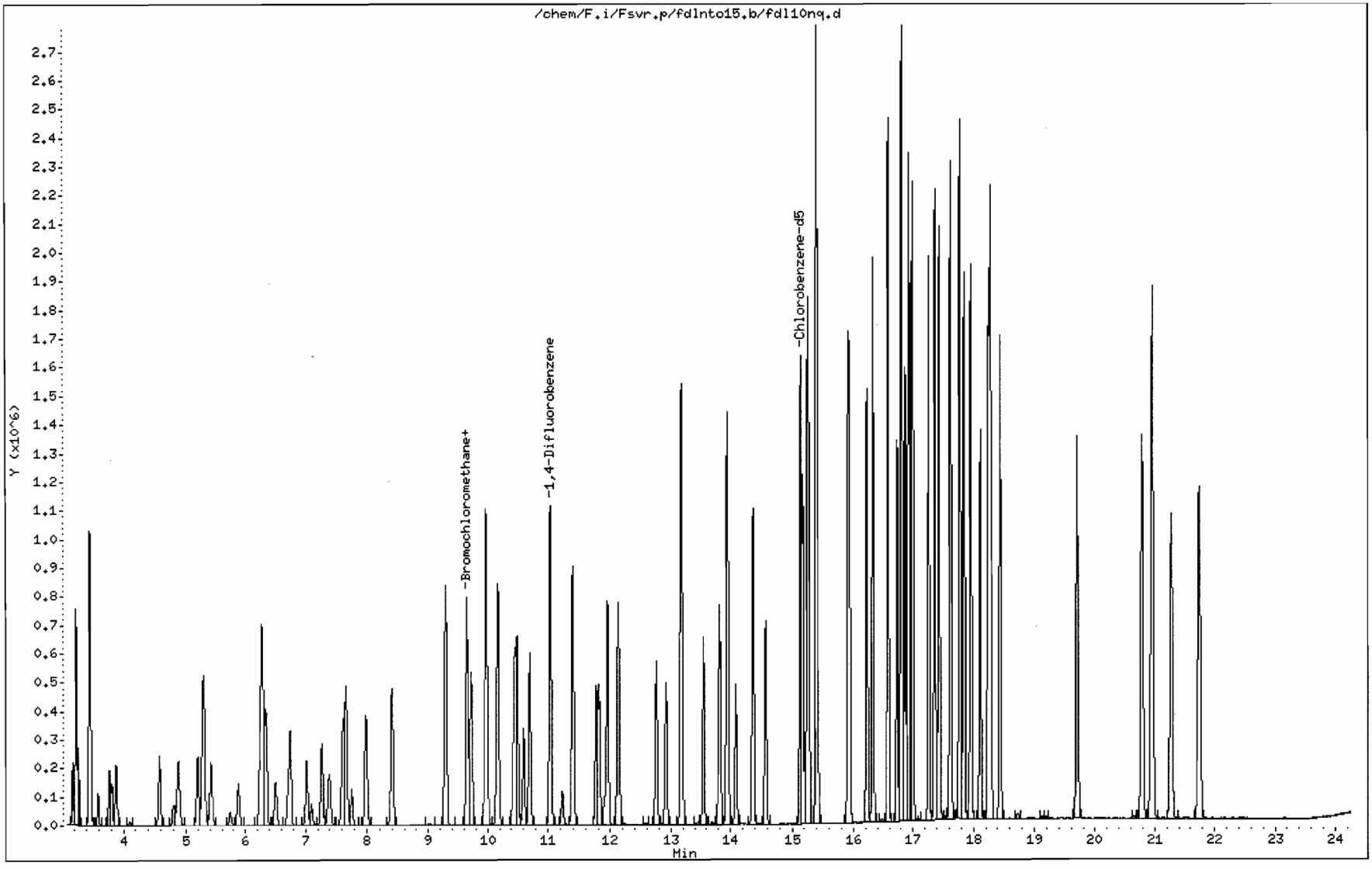
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	10	
123-91-1	1,4-Dioxane	9.0	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	9.5	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	12	
591-78-6	Methyl Butyl Ketone	9.4	
124-48-1	Dibromochloromethane	12	
106-93-4	1,2-Dibromoethane	11	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	21	
95-47-6	Xylene (o)	11	
1330-20-7	Xylenes, Total	33	
100-42-5	Styrene	11	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	10	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	11	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	9.0	
87-68-3	Hexachlorobutadiene	9.9	

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nq.d
Date : 16-FEB-2010 14:59
Client ID: FA021610LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nq.d
Lab Smp Id: FA021610LCS Client Smp ID: FA021610LCS
Inj Date : 16-FEB-2010 14:59
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : FA021610LCS;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	721482	10.5481	11
4 1,2-Dichlorotetrafluoroethane	85	3.456	3.461	(0.358)	651309	10.7042	11
5 Chloromethane	50	3.590	3.595	(0.372)	124313	9.81229	9.8
7 Vinyl Chloride	62	3.814	3.820	(0.395)	173503	10.2434	10
8 1,3-Butadiene	54	3.884	3.889	(0.403)	123176	10.6179	11
9 Bromomethane	94	4.574	4.579	(0.474)	219827	9.95056	10
10 Chloroethane	64	4.804	4.809	(0.498)	89145	9.18790	9.2
12 Bromoethene	106	5.194	5.200	(0.539)	250611	10.8585	11
13 Trichlorofluoromethane	101	5.291	5.291	(0.549)	821729	10.0466	10
17 Freon TF	101	6.280	6.281	(0.651)	543835	12.0155	12
19 1,1-Dichloroethene	96	6.345	6.350	(0.658)	245347	12.4721	12
20 Acetone	43	6.510	6.516	(0.675)	272153	9.14811	9.1
22 Isopropyl Alcohol	45	6.708	6.719	(0.696)	180221	8.63813	8.6
21 Carbon disulfide	76	6.751	6.757	(0.700)	620181	10.3562	10
23 3-Chloropropene	41	7.024	7.030	(0.728)	191029	9.59245	9.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	7.270	7.281	(0.754)	196679	9.84359	9.8	
	26 tert-Butyl Alcohol	59	7.388	7.399	(0.766)	352247	9.06962	9.1	
	27 Methyl tert-Butyl Ether	73	7.618	7.623	(0.790)	709854	10.6681	11	
	28 trans-1,2-Dichloroethene	61	7.666	7.672	(0.795)	308194	10.2735	10	
	30 n-Hexane	57	7.987	7.993	(0.828)	283746	9.29674	9.3	
	31 1,1-Dichloroethane	63	8.394	8.404	(0.870)	385359	10.3134	10	
	36 Methyl Ethyl Ketone	72	9.282	9.293	(0.962)	106584	9.76670	9.8	(Q)
	34 cis-1,2-Dichloroethene	96	9.282	9.293	(0.962)	268035	11.3540	11	
M	33 1,2-Dichloroethene,Total	61				576229	21.6275	22	
*	37 Bromochloromethane	128	9.645	9.656	(1.000)	262745	10.0000		(Q)
	39 Chloroform	83	9.715	9.726	(1.007)	582938	10.7416	11	
	38 Tetrahydrofuran	42	9.661	9.667	(0.875)	169102	9.10199	9.1	
	41 1,1,1-Trichloroethane	97	9.972	9.977	(0.904)	713537	10.9918	11	
	40 Cyclohexane	84	9.977	9.983	(0.904)	322893	10.8485	11	
	42 Carbon tetrachloride	117	10.170	10.175	(0.921)	815011	11.0899	11	
	43 2,2,4-Trimethylpentane	57	10.448	10.459	(0.947)	919348	10.2016	10	
	44 Benzene	78	10.496	10.502	(0.951)	691743	10.0440	10	
	45 1,2-Dichloroethane	62	10.598	10.609	(0.960)	386688	10.4718	10	
	46 n-Heptane	43	10.699	10.705	(0.969)	295400	9.41316	9.4	
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1264139	10.0000		
	49 Trichloroethene	95	11.395	11.400	(1.032)	373010	10.8943	11	
	50 1,2-Dichloropropane	63	11.775	11.780	(1.067)	219457	10.0796	10	
	53 1,4-Dioxane	88	11.908	11.914	(1.079)	95425	9.04291	9.0	
	54 Bromodichloromethane	83	12.122	12.133	(1.098)	674739	11.3800	11	
	55 cis-1,3-Dichloropropene	75	12.754	12.759	(1.156)	425028	10.5379	11	
	56 Methyl Isobutyl Ketone	43	12.914	12.920	(1.170)	405223	9.52593	9.5	
	58 Toluene	92	13.182	13.187	(0.871)	570837	10.0153	10	
	59 trans-1,3-Dichloropropene	75	13.545	13.551	(1.227)	485045	10.3725	10	
	60 1,1,2-Trichloroethane	83	13.818	13.824	(0.913)	256831	10.3492	10	
	61 Tetrachloroethene	166	13.947	13.952	(0.922)	624154	11.6584	12	
	62 Methyl Butyl Ketone	43	14.086	14.097	(0.931)	394181	9.44452	9.4	
	63 Dibromochloromethane	129	14.369	14.375	(0.949)	800022	12.2980	12	
	64 1,2-Dibromoethane	107	14.572	14.578	(0.963)	592450	11.0728	11	
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1238797	10.0000		
	66 Chlorobenzene	112	15.177	15.183	(1.003)	849339	10.8292	11	
	68 Ethylbenzene	91	15.247	15.252	(1.007)	1324787	10.4975	10	
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	1100402	21.3592	21	
	71 Xylene (o)	106	15.905	15.915	(1.051)	533246	10.6107	11	
M	70 Xylenes, Total	106				1633648	32.5069	33	
	72 Styrene	104	15.931	15.937	(1.053)	829227	11.1679	11	
	73 Bromoform	173	16.220	16.226	(1.072)	870456	12.4073	12	
	76 1,1,2,2-Tetrachloroethane	83	16.728	16.734	(1.105)	684815	10.1125	10	
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	1727329	10.8993	11	
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	1408195	10.7755	11	
	81 2-Chlorotoluene	91	16.964	16.969	(1.121)	1389696	10.6437	11	(M)
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	1396521	10.3621	10	
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	1076137	10.6324	11	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	17.953	17.959	(1.186)	1075461	10.5147	11
93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	998503	10.3502	10
95 1,2,4-Trichlorobenzene	180	20.783	20.794	(1.373)	768104	9.00665	9.0
96 Hexachlorobutadiene	225	20.955	20.966	(1.385)	653541	9.94524	9.9

QC Flag Legend

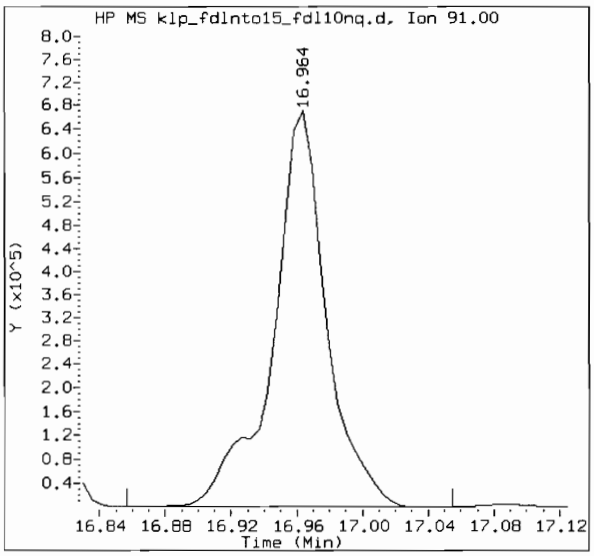
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

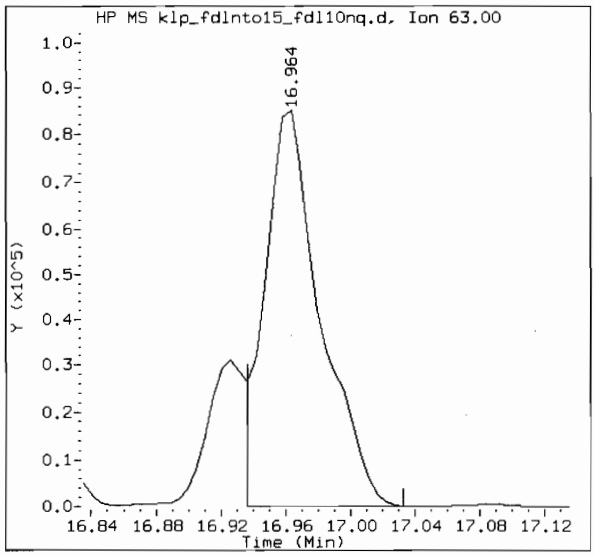
MANUAL INTEGRATION REPORT

Data File Name: fdl10nq.d
Client Sample ID: FA021610LCS
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 16-FEB-2010 14:59
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/25/2010 08:50

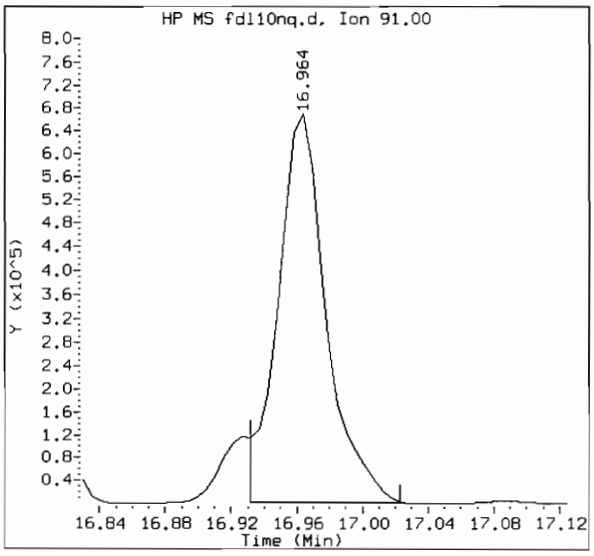


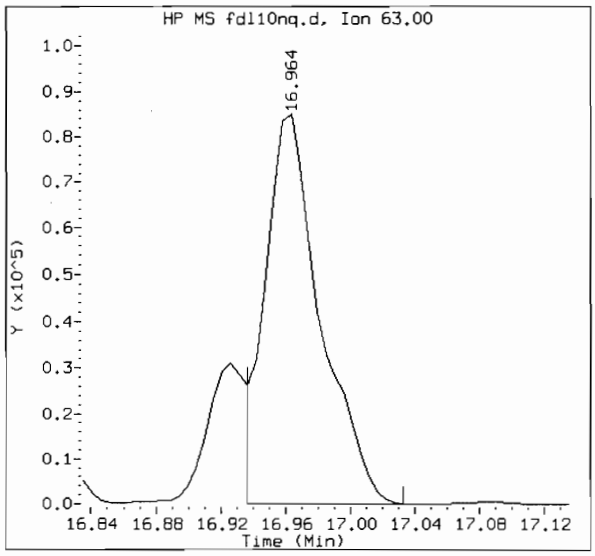


Original Integrations:

Area = 1529476

Area = 205306





Final Integrations:

Area = 1389696

Area = 205306

Manual Integration Reason: MI1 - Poor automated baseline

Sample Preparation – TO-15 Volatile

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
AKRF1	135909	135909	2-12-10	0918	29.5	22	G5	J.J.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
820120	3427	0.0	N	4977	Y	2901 GDZAC	200ml/min
820121	2737	-13.7	"	4600	"	4806 CIYJ	"
820122	2632	-12.5	"	4708	"	3657 FDIAH	"
820123	4127	-22.4	Y	4685	"	2901 GDZAC	"
820124	4430	-12.5	"	4702	"	"	"
820125	4910	-11.2	"	4611	"	"	"
820126	3405	1.0	"	4687	"	"	"
820127	3571	-8.3	"	4689	"	"	"
820128	4873	-9.1	"	4621	"	4806 CIYJ	"

J.J. 2-12-2010

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

TestAmerica Burlington - Manual Integration Summary
SDG: fdlto15 curve Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD0.2	ASTD0.2	INIT. CALIB.	F	RTX-624	03-FEB-2010 21:06	FDL002V	
	3.889	Butadiene			MI2 - Peak missed	njr 02/04/10 09:17	02/9/10 NJR
	5.195	Vinyl bromide			MI2 - Peak missed	njr 02/04/10 09:17	
	7.415	2-Methyl-2-propanol			MI2 - Peak missed	njr 02/04/10 09:18	
	8.399	1,1-Dichloroethane			MI2 - Peak missed	njr 02/04/10 09:18	
	8.410	Vinyl acetate			MI2 - Peak missed	njr 02/04/10 09:18	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	KLP 02/09/10
	19.703	Dodecane			MI2 - Peak missed	njr 02/04/10 09:18	02/09/10 NJR
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	03-FEB-2010 23:39	FDL10V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	KLP 02/09/10
ASTD015	ASTD015	INIT. CALIB.	F	RTX-624	04-FEB-2010 00:29	FDL15V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:34	
ASTD020	ASTD020	INIT. CALIB.	F	RTX-624	04-FEB-2010 01:19	FDL20V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	
ASTD040	ASTD040	INIT. CALIB.	F	RTX-624	04-FEB-2010 02:09	FDL40V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	

Summary Generated: klp 02/09/2010 10:48 Secondary Review(1): KLP 02/09/10 Secondary Review(2): NJR 02/09/10 Page 1

TestAmerica Burlington - Manual Integration Summary
SDG: NY135909 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD0.2	ASTD0.2	INIT. CALIB.	F	RTX-624	03-FEB-2010 21:06	FDL002V	
	3.889	Butadiene			MI2 - Peak missed	njr 02/04/10 09:17	
	5.195	Vinyl bromide			MI2 - Peak missed	njr 02/04/10 09:17	
	7.415	2-Methyl-2-propanol			MI2 - Peak missed	njr 02/04/10 09:18	
	8.399	1,1-Dichloroethane			MI2 - Peak missed	njr 02/04/10 09:18	
	8.410	Vinyl acetate			MI2 - Peak missed	njr 02/04/10 09:18	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	
	19.703	Dodecane			MI2 - Peak missed	njr 02/04/10 09:18	
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	03-FEB-2010 23:39	FDL10V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	
ASTD015	ASTD015	INIT. CALIB.	F	RTX-624	04-FEB-2010 00:29	FDL15V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:34	
ASTD020	ASTD020	INIT. CALIB.	F	RTX-624	04-FEB-2010 01:19	FDL20V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	
ASTD040	ASTD040	INIT. CALIB.	F	RTX-624	04-FEB-2010 02:09	FDL40V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	KLP 02/25/10
ASTD010	ASTD010	CONT. CALIB.	F	RTX-624	16-FEB-2010 14:08	FDL10NV	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/24/10 21:21	KLP 02/25/10
FA021610LCS	FA021610LCS	LCS	F	RTX-624	16-FEB-2010 14:59	FDL10NQ	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/24/10 21:18	1

Summary Generated: klp 02/24/2010 21:24 Secondary Review(1): NSA | 02/25/10 Secondary Review(2): _____ | _____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: FDL	Start Date: 02/03/10	Time: 1925	ISTD Lot #: 15696	Instrument ID: F
Test Method: T015	End Date: 02/04/10	Time: 1925	CAL STD Lot # see comments	Instrument: 5973
ICAL Date: 02/03/10			ICV / LCS Lot #	Column Type: RTX-624

	Manager MTP	Analyst	Analyst	Analyst WHD	Analyst
Name/Initial	Mark Phillips	Paul Daigle	Nicholas Rovner NTR	William D. Jordan	Karen L. Perkins / KLP
Signature	Mark Phillips	Paul D. / PAD			Karen L. Perkins

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1925	FDL01PV	N/A	BFB	N/A			PAD	N/A	✓	PAD/NTR	
2015	FDLB01	4633	IBLK		1	200		✓	✓	↓	
2106	FDL002V	3089	level 1		2	200		N/A	✓		14386 MI 9/16/10
2157	FDL005V	3413	level 2		3	200			✓	NTR	14385
2248	FDL05V	3535	level 3		4	200			✓		14318
2339	FDL10V	3642	level 4		5	200			✓		17391 MI
0029	FDL20V/15V	3510	level 5		6	200			✓		17389
0119	FDL20V	3643	level 6		7	200			✓		17387
0209	FDL40V	2691	level 7		8	200			✓		17386
0300	FDLB02	4633	IBLK		1	200		↓	✓		
0351	FDL10Q	3551	ICV		9	200		✓	✓		17650
0442	FDLB03	4633	MBLK		1	200		✓	✓		
0532	FDL002Q	3089	0.2 LLWS		2			✓	✓		14386 1↓
0622	FDL005Q	3413	0.5 RLWS		3			✓	✓		14385
0712	FDL05Q	3535	5.0 RLWS	↓	4	↓	↓	✓	✓		14318
1004	FDLB04	4633	IBLK	NA	1	200	WHD	✓	✓	WHD	
1054	FDLCCV5	4985	CCV Tst		13	40		✓	✓		17383
1145	FDLB05	4633	IBLK		1	200		✓	✓		
1236	FDLLCS5	4984	LCS Tst		14	40		✓	✓		17384
1326	FDLB06	4633	IBLK	↓	1	200	↓	✓	✓	↓	

2/4/10

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FOLN	Start Date: 2/16/10	Time: 1320	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 2/17/10	Time: 1320	CAL STD Lot #	12391	Instrument: 5973
ICAL Date:	2/3/10			ICV / LCS Lot #	12657	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1320	FOL15PV		BFB	NA	NA	NA	WMD	NA	NA	WMD	
1408	FOL10NV	3642	CCV		1	200		NA	✓		AG
1459	FOL10NQ	6526	LCS		2			✓	✓		"
1549	FOLBOIN	4983	MBLK		3			✓	✓		
1631	8203240	Bag	135946	3.50	4	14		✓	✓		1:250 dil C
1722	8203250			2.500	5	20		✓	✓		C
1812	8203260			2.500	6	20		✓	✓		C
1903	8203270			1.610	7	31		✓	✓		C
1954	820328			1	8	200		✓	✓		GH C
2045	820329			1	9			✓	↑		CCl4 49 RV:2
2135	820 1200	3427	135909	10	10	20		✓	↓		RV 1:3.3
2229	8201210	2737			11			✓	✓		C High TICs
2320	8201220	2632			12			✓	↓		RV 1:3.3
0012	8201230	4127		9.97	13	59		✓	✓		CDF 2.94 / C
0100	820124	4430			14	200		✓	✓		C
0153	820125	4910			15			✓	↑		IPA 61 RV: 1.1.2
0244	820126	3405			16			✓	✓		GC
0336	820127	3571			17			✓	↑		Styrene 120 RV: 4.5
0427	820128	4823			2			✓	✓		C
0519	8201190	4370	135908	~~2.10~~	3	~~20~~		✓	↓		RV 1:6
0611	8202350	~~4575~~	135930	1	4	200		✓	✓		C
0732	8203291	BMB	135946	2	9	100	NJR	✓	✓		C
0823	8201251	4910	135909	2.27	15	88		✓	✓		C
0914	8201271	3571	↓	4.55	17	44		✓	✓		C
1006	8201200	3427	135909	3.33	10	60	WMD	✓	✓		C High TICs
1056	8201220	2632	↓	3.33	12	60	↓	✓	✓		C
1147	8201190	4370	135908	6.06	3	33	WMD	✓	✓		C

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

SUMMA Canister Dilution Spreadsheet

Client: akrf1
ETR: 135909
Analyst: wrd
Date: 02/14/10

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
820123A	-22.8	=	0.24	1.43	-4.4	=	0.70	4.20	2.94
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{" Hg}}{29.92\text{" Hg}} \times 6\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Preadjusted Pressure(psig)} + 14.7\text{psig}}{14.7\text{psig}} \times 6\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

Where:
29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
6 L = Volume of SUMMA canister at atmospheric pressure.

Sample Handling

ORIGIN ID: OXCA (203) 929-8140
RECEIVING
TESTAMERICA
128 LONG HILL CROSS ROAD
SHELTON, CT 06484
UNITED STATES US
Ship Date: 09FEB10
ActWgt: 12.0 LB MAN
System#: 585591/CAFE2361
Account: S 309102843
TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
(802) 660-1990
FedEx
Express
CLS05107/22/23
Delivery Address Barcode
BILL RECIPIENT
STANDARD OVERNIGHT
WED
Deliver By:
10FEB10
TRK# 4220 7055 7027
Form 0201
BTV
AA
05403 -VT-US
ZF BTVA
TAMPER
TAMPER

ORIGIN ID: OXCA (203) 929-8140
RECEIVING
TESTAMERICA
12B LONG HILL CROSS ROAD
SHELTON, CT 06484
UNITED STATES US
TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
Ship Date: 09FEB10
ActWgt: 7.0 LB MAN
System#: 585591/CAFE2361
Account: S 309102843
(802) 660-1990
FedEx
Express
CLS050107/22/23
Delivery Address Barcode
BILL RECIPIENT
STANDARD OVERNIGHT
TRK# 4220 7055 7016
Form 0201
WED
Deliver By
10FEB10
BTV AA
05403 -VT-US
ZF BTVA
EVIDENT

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: AKRF	Date Received: 02/10/10	Log In Date: 2/11/10	
ETR: 135907	Time Received: 1005	By: CM	
SDG: 135909	Received By: CK	Signature:	
Project: 29000	# Coolers Received: 4 Boxes	PM Signature:	
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 2/21/10	
List Air bill Number(s) or Attach a photocopy of the Air Bill:			

COOLER SCREEN	YES	NO	NA	COMMENTS
There is ***no*** evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		
If yes, list custody seal numbers:				

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

IR Gun ID: 96 Correction Factor (CF) = 0 °C

Cooler 1: AIR	°C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

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

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X			
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

COCs contain scribbles and write overs

FSR002:12.19.07:3

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 200-1086-1

Job Description: CE Flushing College Point

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Don C Dawicki
Project Manager II
8/31/2010 3:43 PM

Don C Dawicki
Project Manager II
don.dawicki@testamericainc.com
08/31/2010

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

Table of Contents

Cover Title Page 1

Data Summaries 4

- Report Narrative 4
- Manual Integration Summary 5
- Sample Summary 7
- Executive Summary 8
- Method Summary 14
- Method / Analyst Summary 15
- Sample Datasheets 16
- QC Data Summary 43
- Data Qualifiers 55
- QC Association Summary 56
- Lab Chronicle 57

Organic Sample Data 60

- Air - GC/MS VOA 60
  - Method TO15 60
    - Method TO15 QC Summary 61
    - Method TO15 Sample Data 73
    - Standards Data 246
      - Method TO15 ICAL Data 246
      - Method TO15 CCAL Data 284
    - Raw QC Data 305
      - Method TO15 Tune Data 305
      - Method TO15 Blank Data 317
      - Method TO15 LCS/LCSD Data 333
    - Method TO15 Run Logs 345

Table of Contents

Method TO15 Prep Data 352

Air Canister Dilution 353

Pre-shipment Certification 354

LCS Data 355

Blank Data 357

Tune Data 365

IS/RT Data 367

Clean Canister Data 369

ICAL Data 376

ICV/CCV Data 386

Run Logs 392

Shipping and Receiving Documents 397

Client Chain of Custody 398

Sample Receipt Checklist 401

CASE NARRATIVE

Client: AKRF Inc

Project: CE Flushing College Point

Report Number: 200-1086-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 08/12/2010; the samples arrived in good condition.

Volatile Organics
The analyses for several of the samples in this delivery group were accomplished at dilution based on screen analyses that showed the presence of non-target analytes at concentrations sufficient to interfere with instrument operation in full strength analyses.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Analysis Batch Number: 5588

Lab Sample ID: 200-1086-1 Client Sample ID: CE-AA

Date Analyzed: 08/25/10 08:54 Lab File ID: fdtj021.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.22	Baseline event	wrd	08/25/10 09:54
Isopropyl alcohol	6.65	Peak not found by the data system	wrd	08/25/10 09:54

Lab Sample ID: 200-1086-3 Client Sample ID: CE-VAPOR-2

Date Analyzed: 08/25/10 10:36 Lab File ID: fdtj023.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.91	Baseline event	wrd	08/25/10 12:17

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Analysis Batch Number: 5661

Lab Sample ID: 200-1086-6 Client Sample ID: CE-VAPOR-5

Date Analyzed: 08/25/10 19:50 Lab File ID: fdtk007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.21	Baseline event	wrd	08/26/10 09:14
Isopropyl alcohol	6.65	Analyte misidentified by the data system	wrd	08/26/10 09:15
4-Ethyltoluene	16.86	Baseline event	wrd	08/26/10 09:17

Lab Sample ID: 200-1086-9 Client Sample ID: CE-VAPOR-8

Date Analyzed: 08/25/10 22:22 Lab File ID: fdtk010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.89	Baseline event	wrd	08/26/10 09:23

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-1086-1	CE-AA	Air	08/10/2010 1403	08/12/2010 0820
200-1086-2	CE-VAPOR-1	Air	08/10/2010 1357	08/12/2010 0820
200-1086-3	CE-VAPOR-2	Air	08/10/2010 1357	08/12/2010 0820
200-1086-4	CE-VAPOR-3	Air	08/10/2010 1357	08/12/2010 0820
200-1086-5	CE-VAPOR-4	Air	08/10/2010 1356	08/12/2010 0820
200-1086-6	CE-VAPOR-5	Air	08/10/2010 1347	08/12/2010 0820
200-1086-7	CE-VAPOR-6	Air	08/10/2010 1348	08/12/2010 0820
200-1086-8	CE-VAPOR-7	Air	08/10/2010 1349	08/12/2010 0820
200-1086-9	CE-VAPOR-8	Air	08/10/2010 1349	08/12/2010 0820

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-1	**CE-AA**				
Chloromethane		0.51	0.50	ppb v/v	TO-15
Chloromethane		1.1	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.24	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Acetone		28	5.0	ppb v/v	TO-15
Acetone		67	12	ug/m3	TO-15
n-Hexane		0.27	0.20	ppb v/v	TO-15
n-Hexane		0.96	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		4.2	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		12	1.5	ug/m3	TO-15
2,2,4-Trimethylpentane		0.20	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.92	0.93	ug/m3	TO-15
Benzene		0.23	0.20	ppb v/v	TO-15
Benzene		0.74	0.64	ug/m3	TO-15
n-Heptane		0.29	0.20	ppb v/v	TO-15
n-Heptane		1.2	0.82	ug/m3	TO-15
Toluene		0.67	0.20	ppb v/v	TO-15
Toluene		2.5	0.75	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		0.56	0.50	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		2.3	2.0	ug/m3	TO-15
Xylene (total)		0.23	0.20	ppb v/v	TO-15
Xylene (total)		1.0	0.87	ug/m3	TO-15
200-1086-2	**CE-VAPOR-1**				
Methyl Butyl Ketone (2-Hexanone)		2.7	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		11	10	ug/m3	TO-15
Xylene, o-		1.9	1.0	ppb v/v	TO-15
Xylene, o-		8.2	4.3	ug/m3	TO-15
Xylene (total)		3.5	1.0	ppb v/v	TO-15
Xylene (total)		15	4.3	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.1	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		10	4.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-3	**CE-VAPOR-2**				
Acetone		34	25	ppb v/v	TO-15
Acetone		81	59	ug/m3	TO-15
Methyl Ethyl Ketone		7.0	2.5	ppb v/v	TO-15
Methyl Ethyl Ketone		21	7.4	ug/m3	TO-15
2,2,4-Trimethylpentane		1.6	1.0	ppb v/v	TO-15
2,2,4-Trimethylpentane		7.5	4.7	ug/m3	TO-15
Benzene		1.0	1.0	ppb v/v	TO-15
Benzene		3.3	3.2	ug/m3	TO-15
n-Heptane		4.3	1.0	ppb v/v	TO-15
n-Heptane		18	4.1	ug/m3	TO-15
Tetrachloroethene		1.0	1.0	ppb v/v	TO-15
Tetrachloroethene		6.9	6.8	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		9.8	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		40	10	ug/m3	TO-15
Xylene (total)		2.0	1.0	ppb v/v	TO-15
Xylene (total)		8.8	4.3	ug/m3	TO-15
4-Ethyltoluene		1.2	1.0	ppb v/v	TO-15
4-Ethyltoluene		5.8	4.9	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.7	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		13	4.9	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.2	1.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		5.7	4.9	ug/m3	TO-15
200-1086-4	**CE-VAPOR-3**				
Cyclohexane		1.3	1.0	ppb v/v	TO-15
Cyclohexane		4.4	3.4	ug/m3	TO-15
n-Heptane		5.0	1.0	ppb v/v	TO-15
n-Heptane		20	4.1	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		10	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		42	10	ug/m3	TO-15
Ethylbenzene		4.7	1.0	ppb v/v	TO-15
Ethylbenzene		21	4.3	ug/m3	TO-15
m,p-Xylene		2.6	2.5	ppb v/v	TO-15
m,p-Xylene		11	11	ug/m3	TO-15
Xylene, o-		11	1.0	ppb v/v	TO-15
Xylene, o-		47	4.3	ug/m3	TO-15
Xylene (total)		13	1.0	ppb v/v	TO-15
Xylene (total)		58	4.3	ug/m3	TO-15
1,3,5-Trimethylbenzene		7.2	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		36	4.9	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.0	1.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		5.0	4.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-5	**CE-VAPOR-4**				
Cyclohexane		1.1	1.0	ppb v/v	TO-15
Cyclohexane		3.6	3.4	ug/m3	TO-15
Benzene		1.2	1.0	ppb v/v	TO-15
Benzene		3.7	3.2	ug/m3	TO-15
n-Heptane		2.8	1.0	ppb v/v	TO-15
n-Heptane		12	4.1	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		8.9	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		36	10	ug/m3	TO-15
Ethylbenzene		2.6	1.0	ppb v/v	TO-15
Ethylbenzene		11	4.3	ug/m3	TO-15
Xylene, o-		7.3	1.0	ppb v/v	TO-15
Xylene, o-		32	4.3	ug/m3	TO-15
Xylene (total)		9.4	1.0	ppb v/v	TO-15
Xylene (total)		41	4.3	ug/m3	TO-15
1,3,5-Trimethylbenzene		4.3	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		21	4.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-6	**CE-VAPOR-5**				
Chloromethane		0.83	0.50	ppb v/v	TO-15
Chloromethane		1.7	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.22	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.2	1.1	ug/m3	TO-15
Acetone		10	5.0	ppb v/v	TO-15
Acetone		24	12	ug/m3	TO-15
Carbon disulfide		3.0	0.50	ppb v/v	TO-15
Carbon disulfide		9.3	1.6	ug/m3	TO-15
n-Hexane		0.72	0.20	ppb v/v	TO-15
n-Hexane		2.6	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		4.1	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		12	1.5	ug/m3	TO-15
Tetrahydrofuran		7.5	5.0	ppb v/v	TO-15
Tetrahydrofuran		22	15	ug/m3	TO-15
Cyclohexane		0.89	0.20	ppb v/v	TO-15
Cyclohexane		3.1	0.69	ug/m3	TO-15
2,2,4-Trimethylpentane		0.90	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		4.2	0.93	ug/m3	TO-15
Benzene		1.3	0.20	ppb v/v	TO-15
Benzene		4.3	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.33	0.20	ppb v/v	TO-15
1,2-Dichloroethane		1.3	0.81	ug/m3	TO-15
n-Heptane		0.40	0.20	ppb v/v	TO-15
n-Heptane		1.6	0.82	ug/m3	TO-15
methyl isobutyl ketone		3.6	0.50	ppb v/v	TO-15
methyl isobutyl ketone		15	2.0	ug/m3	TO-15
Toluene		3.1	0.20	ppb v/v	TO-15
Toluene		12	0.75	ug/m3	TO-15
Ethylbenzene		1.8	0.20	ppb v/v	TO-15
Ethylbenzene		7.8	0.87	ug/m3	TO-15
m,p-Xylene		4.9	0.50	ppb v/v	TO-15
m,p-Xylene		21	2.2	ug/m3	TO-15
Xylene, o-		1.3	0.20	ppb v/v	TO-15
Xylene, o-		5.7	0.87	ug/m3	TO-15
Xylene (total)		6.2	0.20	ppb v/v	TO-15
Xylene (total)		27	0.87	ug/m3	TO-15
Styrene		1.4	0.20	ppb v/v	TO-15
Styrene		5.9	0.85	ug/m3	TO-15
4-Ethyltoluene		0.20	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.98	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.23	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.1	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.84	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		4.1	0.98	ug/m3	TO-15
1,4-Dichlorobenzene		2.2	0.20	ppb v/v	TO-15
1,4-Dichlorobenzene		13	1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-7	**CE-VAPOR-6**				
Carbon disulfide		15	7.6	ppb v/v	TO-15
Carbon disulfide		48	24	ug/m3	TO-15
Methyl Ethyl Ketone		180	7.6	ppb v/v	TO-15
Methyl Ethyl Ketone		530	23	ug/m3	TO-15
Tetrahydrofuran		420	76	ppb v/v	TO-15
Tetrahydrofuran		1200	230	ug/m3	TO-15
methyl isobutyl ketone		41	7.6	ppb v/v	TO-15
methyl isobutyl ketone		170	31	ug/m3	TO-15
Toluene		4.8	3.1	ppb v/v	TO-15
Toluene		18	12	ug/m3	TO-15
Xylene (total)		5.9	3.1	ppb v/v	TO-15
Xylene (total)		26	13	ug/m3	TO-15
Styrene		4.1	3.1	ppb v/v	TO-15
Styrene		18	13	ug/m3	TO-15
200-1086-8	**CE-VAPOR-7**				
Methyl Ethyl Ketone		380	13	ppb v/v	TO-15
Methyl Ethyl Ketone		1100	37	ug/m3	TO-15
Tetrahydrofuran		770	130	ppb v/v	TO-15
Tetrahydrofuran		2300	370	ug/m3	TO-15
methyl isobutyl ketone		44	13	ppb v/v	TO-15
methyl isobutyl ketone		180	52	ug/m3	TO-15
Xylene (total)		6.4	5.1	ppb v/v	TO-15
Xylene (total)		28	22	ug/m3	TO-15
Styrene		9.8	5.1	ppb v/v	TO-15
Styrene		42	22	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-9	**CE-VAPOR-8**				
Carbon disulfide		17	10	ppb v/v	TO-15
Carbon disulfide		52	31	ug/m3	TO-15
Methyl Ethyl Ketone		200	10	ppb v/v	TO-15
Methyl Ethyl Ketone		600	29	ug/m3	TO-15
Tetrahydrofuran		560	100	ppb v/v	TO-15
Tetrahydrofuran		1600	290	ug/m3	TO-15
Cyclohexane		5.2	4.0	ppb v/v	TO-15
Cyclohexane		18	14	ug/m3	TO-15
methyl isobutyl ketone		28	10	ppb v/v	TO-15
methyl isobutyl ketone		120	41	ug/m3	TO-15
Toluene		4.9	4.0	ppb v/v	TO-15
Toluene		18	15	ug/m3	TO-15
Xylene (total)		6.3	4.0	ppb v/v	TO-15
Xylene (total)		27	17	ug/m3	TO-15
Styrene		5.8	4.0	ppb v/v	TO-15
Styrene		25	17	ug/m3	TO-15

METHOD SUMMARY

Client: AKRF Inc

Job Number: 200-1086-1

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 200-1086-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-AA**

Lab Sample ID: 200-1086-1
Client Matrix: Air

Date Sampled: 08/10/2010 1403
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	08/25/2010 0854		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0854		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.51		0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.24		0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	28		0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	0.50	U	0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.27		0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	4.2		0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	5.0	U	0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.20	U	0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.20		0.013	0.20
Benzene	0.23		0.050	0.20
1,2-Dichloroethane	0.20	U	0.015	0.20
n-Heptane	0.29		0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	0.50	U	0.064	0.50
Toluene	0.67		0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20
Methyl Butyl Ketone (2-Hexanone)	0.56		0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-AA**

Lab Sample ID: 200-1086-1
Client Matrix: Air

Date Sampled: 08/10/2010 1403
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	08/25/2010 0854		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0854		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	0.20	U	0.014	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.050	0.20
Xylene (total)	0.23		0.15	0.20
Styrene	0.20	U	0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20	U	0.064	0.20
1,3,5-Trimethylbenzene	0.20	U	0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.20	U	0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	0.20	U	0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.1		0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.4		0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	67		2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	1.6	U	0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	0.96		0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	12		0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	15	U	0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-AA**

Lab Sample ID: 200-1086-1
Client Matrix: Air

Date Sampled: 08/10/2010 1403
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	08/25/2010 0854		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0854		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	0.69	U	0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	0.92		0.061	0.93
Benzene	0.74		0.16	0.64
1,2-Dichloroethane	0.81	U	0.061	0.81
n-Heptane	1.2		0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	2.0	U	0.26	2.0
Toluene	2.5		0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4
Methyl Butyl Ketone (2-Hexanone)	2.3		0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	0.87	U	0.061	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.22	0.87
Xylene (total)	1.0		0.65	0.87
Styrene	0.85	U	0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98	U	0.31	0.98
1,3,5-Trimethylbenzene	0.98	U	0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	0.98	U	0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	1.2	U	0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 200-1086-2
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj022.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 0945		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0945		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	25	U	5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	2.5	U	0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.0	U	0.065	1.0
Benzene	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0	U	0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	2.7		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 200-1086-2
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtj022.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 0945			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 0945			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	1.0	U	0.070	1.0
m,p-Xylene	2.5	U	0.12	2.5
Xylene, o-	1.9		0.25	1.0
Xylene (total)	3.5		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.0	U	0.32	1.0
1,3,5-Trimethylbenzene	2.1		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.0	U	0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	59	U	12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	7.4	U	0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 200-1086-2
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj022.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 0945		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0945		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.4	U	0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	4.7	U	0.30	4.7
Benzene	3.2	U	0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	4.1	U	0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.8	U	0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	11		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	4.3	U	0.30	4.3
m,p-Xylene	11	U	0.50	11
Xylene, o-	8.2		1.1	4.3
Xylene (total)	15		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	4.9	U	1.6	4.9
1,3,5-Trimethylbenzene	10		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	4.9	U	1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-2**

Lab Sample ID: 200-1086-3
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj023.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 1036		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 1036		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	34		5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	7.0		0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.6		0.065	1.0
Benzene	1.0		0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	4.3		0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0		0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	9.8		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-2**

Lab Sample ID: 200-1086-3
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtj023.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1036			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1036			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	1.0	U	0.070	1.0
m,p-Xylene	2.5	U	0.12	2.5
Xylene, o-	1.0	U	0.25	1.0
Xylene (total)	2.0		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.2		0.32	1.0
1,3,5-Trimethylbenzene	2.7		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.2		0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	81		12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	21		0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-2**

Lab Sample ID: 200-1086-3
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i
Preparation:	Summa Canister		Lab File ID:	fdtj023.d
Dilution:	5.0		Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1036		Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1036		Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.4	U	0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	7.5		0.30	4.7
Benzene	3.3		0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	18		0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.9		0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	40		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	4.3	U	0.30	4.3
m,p-Xylene	11	U	0.50	11
Xylene, o-	4.3	U	1.1	4.3
Xylene (total)	8.8		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	5.8		1.6	4.9
1,3,5-Trimethylbenzene	13		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	5.7		1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 200-1086-4
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj026.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 1309		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 1309		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	25	U	5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	2.5	U	0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.3		0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.0	U	0.065	1.0
Benzene	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	5.0		0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0	U	0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	10		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 200-1086-4
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtj026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1309			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1309			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	4.7		0.070	1.0
m,p-Xylene	2.6		0.12	2.5
Xylene, o-	11		0.25	1.0
Xylene (total)	13		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.0	U	0.32	1.0
1,3,5-Trimethylbenzene	7.2		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.0		0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	59	U	12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	7.4	U	0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 200-1086-4
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtj026.d
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	08/25/2010 1309		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 1309		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	4.4		0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	4.7	U	0.30	4.7
Benzene	3.2	U	0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	20		0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.8	U	0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	42		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	21		0.30	4.3
m,p-Xylene	11		0.50	11
Xylene, o-	47		1.1	4.3
Xylene (total)	58		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	4.9	U	1.6	4.9
1,3,5-Trimethylbenzene	36		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	5.0		1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-4**

Lab Sample ID: 200-1086-5
Client Matrix: Air

Date Sampled: 08/10/2010 1356
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk006.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 1859		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 1859		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	25	U	5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	2.5	U	0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.1		0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.0	U	0.065	1.0
Benzene	1.2		0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	2.8		0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0	U	0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	8.9		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-4**

Lab Sample ID: 200-1086-5
Client Matrix: Air

Date Sampled: 08/10/2010 1356
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk006.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1859			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1859			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	2.6		0.070	1.0
m,p-Xylene	2.5	U	0.12	2.5
Xylene, o-	7.3		0.25	1.0
Xylene (total)	9.4		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.0	U	0.32	1.0
1,3,5-Trimethylbenzene	4.3		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.0	U	0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	59	U	12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	7.4	U	0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-4**

Lab Sample ID: 200-1086-5
Client Matrix: Air

Date Sampled: 08/10/2010 1356
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk006.d
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	08/25/2010 1859		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 1859		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.6		0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	4.7	U	0.30	4.7
Benzene	3.7		0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	12		0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.8	U	0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	36		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	11		0.30	4.3
m,p-Xylene	11	U	0.50	11
Xylene, o-	32		1.1	4.3
Xylene (total)	41		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	4.9	U	1.6	4.9
1,3,5-Trimethylbenzene	21		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	4.9	U	1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 200-1086-6
Client Matrix: Air

Date Sampled: 08/10/2010 1347
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1950			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1950			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.83		0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.22		0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	10		0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	3.0		0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.72		0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	4.1		0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	7.5		0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.89		0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.90		0.013	0.20
Benzene	1.3		0.050	0.20
1,2-Dichloroethane	0.33		0.015	0.20
n-Heptane	0.40		0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	3.6		0.064	0.50
Toluene	3.1		0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 200-1086-6
Client Matrix: Air

Date Sampled: 08/10/2010 1347
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk007.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	08/25/2010 1950		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 1950		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	1.8		0.014	0.20
m,p-Xylene	4.9		0.023	0.50
Xylene, o-	1.3		0.050	0.20
Xylene (total)	6.2		0.15	0.20
Styrene	1.4		0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20		0.064	0.20
1,3,5-Trimethylbenzene	0.23		0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.84		0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	2.2		0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.7		0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.2		0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	24		2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	9.3		0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	2.6		0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	12		0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	22		0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 200-1086-6
Client Matrix: Air

Date Sampled: 08/10/2010 1347
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1950			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1950			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.1		0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	4.2		0.061	0.93
Benzene	4.3		0.16	0.64
1,2-Dichloroethane	1.3		0.061	0.81
n-Heptane	1.6		0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	15		0.26	2.0
Toluene	12		0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	7.8		0.061	0.87
m,p-Xylene	21		0.10	2.2
Xylene, o-	5.7		0.22	0.87
Xylene (total)	27		0.65	0.87
Styrene	5.9		0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98		0.31	0.98
1,3,5-Trimethylbenzene	1.1		0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	4.1		0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	13		0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 200-1086-7
Client Matrix: Air

Date Sampled: 08/10/2010 1348
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk008.d	
Dilution:	15.3		Initial Weight/Volume:	58	mL
Date Analyzed:	08/25/2010 2041		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2041		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	7.6	U	0.18	7.6
1,2-Dichlorotetrafluoroethane	3.1	U	0.18	3.1
Chloromethane	7.6	U	0.32	7.6
Vinyl chloride	3.1	U	0.38	3.1
1,3-Butadiene	3.1	U	0.41	3.1
Bromomethane	3.1	U	0.21	3.1
Chloroethane	7.6	U	1.5	7.6
Bromoethene(Vinyl Bromide)	3.1	U	0.76	3.1
Trichlorofluoromethane	3.1	U	0.76	3.1
Freon TF	3.1	U	0.76	3.1
1,1-Dichloroethene	3.1	U	0.23	3.1
Acetone	76	U	15	76
Isopropyl alcohol	76	U	0.66	76
Carbon disulfide	15		0.76	7.6
3-Chloropropene	7.6	U	0.44	7.6
Methylene Chloride	7.6	U	0.46	7.6
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.1	U	0.20	3.1
trans-1,2-Dichloroethene	3.1	U	0.76	3.1
n-Hexane	3.1	U	0.35	3.1
1,1-Dichloroethane	3.1	U	0.20	3.1
Methyl Ethyl Ketone	180		0.98	7.6
cis-1,2-Dichloroethene	3.1	U	0.76	3.1
1,2-Dichloroethene, Total	3.1	U	1.5	3.1
Chloroform	3.1	U	0.76	3.1
Tetrahydrofuran	420		1.5	76
1,1,1-Trichloroethane	3.1	U	0.76	3.1
Cyclohexane	3.1	U	0.18	3.1
Carbon tetrachloride	3.1	U	0.76	3.1
2,2,4-Trimethylpentane	3.1	U	0.20	3.1
Benzene	3.1	U	0.76	3.1
1,2-Dichloroethane	3.1	U	0.23	3.1
n-Heptane	3.1	U	0.41	3.1
Trichloroethene	3.1	U	0.21	3.1
1,2-Dichloropropane	3.1	U	0.24	3.1
1,4-Dioxane	76	U	0.54	76
Bromodichloromethane	3.1	U	0.76	3.1
cis-1,3-Dichloropropene	3.1	U	0.76	3.1
methyl isobutyl ketone	41		0.98	7.6
Toluene	4.8		0.76	3.1
trans-1,3-Dichloropropene	3.1	U	0.98	3.1
1,1,2-Trichloroethane	3.1	U	0.76	3.1
Tetrachloroethene	3.1	U	0.26	3.1
Methyl Butyl Ketone (2-Hexanone)	7.6	U	0.43	7.6
Dibromochloromethane	3.1	U	0.76	3.1
1,2-Dibromoethane	3.1	U	0.18	3.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 200-1086-7
Client Matrix: Air

Date Sampled: 08/10/2010 1348
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk008.d
Dilution:	15.3			Initial Weight/Volume:	58 mL
Date Analyzed:	08/25/2010 2041			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 2041			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	3.1	U	0.76	3.1
Ethylbenzene	3.1	U	0.21	3.1
m,p-Xylene	7.6	U	0.35	7.6
Xylene, o-	3.1	U	0.76	3.1
Xylene (total)	5.9		2.3	3.1
Styrene	4.1		0.76	3.1
Bromoform	3.1	U	0.76	3.1
1,1,2,2-Tetrachloroethane	3.1	U	0.76	3.1
4-Ethyltoluene	3.1	U	0.98	3.1
1,3,5-Trimethylbenzene	3.1	U	0.98	3.1
2-Chlorotoluene	3.1	U	0.98	3.1
1,2,4-Trimethylbenzene	3.1	U	0.98	3.1
1,3-Dichlorobenzene	3.1	U	0.28	3.1
1,4-Dichlorobenzene	3.1	U	0.32	3.1
1,2-Dichlorobenzene	3.1	U	0.26	3.1
1,2,4-Trichlorobenzene	7.6	U	0.49	7.6
Hexachlorobutadiene	3.1	U	0.34	3.1

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	38	U	0.91	38
1,2-Dichlorotetrafluoroethane	21	U	1.3	21
Chloromethane	16	U	0.66	16
Vinyl chloride	7.8	U	0.98	7.8
1,3-Butadiene	6.8	U	0.91	6.8
Bromomethane	12	U	0.83	12
Chloroethane	20	U	4.0	20
Bromoethene(Vinyl Bromide)	13	U	3.3	13
Trichlorofluoromethane	17	U	4.3	17
Freon TF	23	U	5.9	23
1,1-Dichloroethene	12	U	0.91	12
Acetone	180	U	36	180
Isopropyl alcohol	190	U	1.6	190
Carbon disulfide	48		2.4	24
3-Chloropropene	24	U	1.4	24
Methylene Chloride	27	U	1.6	27
tert-Butyl alcohol	230	U	4.6	230
Methyl tert-butyl ether	11	U	0.72	11
trans-1,2-Dichloroethene	12	U	3.0	12
n-Hexane	11	U	1.2	11
1,1-Dichloroethane	12	U	0.81	12
Methyl Ethyl Ketone	530		2.9	23
cis-1,2-Dichloroethene	12	U	3.0	12
1,2-Dichloroethene, Total	12	U	6.1	12
Chloroform	15	U	3.7	15
Tetrahydrofuran	1200		4.5	230
1,1,1-Trichloroethane	17	U	4.2	17

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 200-1086-7
Client Matrix: Air

Date Sampled: 08/10/2010 1348
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk008.d	
Dilution:	15.3		Initial Weight/Volume:	58	mL
Date Analyzed:	08/25/2010 2041		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2041		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	11	U	0.63	11
Carbon tetrachloride	19	U	4.8	19
2,2,4-Trimethylpentane	14	U	0.93	14
Benzene	9.8	U	2.4	9.8
1,2-Dichloroethane	12	U	0.93	12
n-Heptane	13	U	1.7	13
Trichloroethene	16	U	1.2	16
1,2-Dichloropropane	14	U	1.1	14
1,4-Dioxane	280	U	1.9	280
Bromodichloromethane	21	U	5.1	21
cis-1,3-Dichloropropene	14	U	3.5	14
methyl isobutyl ketone	170		4.0	31
Toluene	18		2.9	12
trans-1,3-Dichloropropene	14	U	4.4	14
1,1,2-Trichloroethane	17	U	4.2	17
Tetrachloroethene	21	U	1.8	21
Methyl Butyl Ketone (2-Hexanone)	31	U	1.8	31
Dibromochloromethane	26	U	6.5	26
1,2-Dibromoethane	24	U	1.4	24
Chlorobenzene	14	U	3.5	14
Ethylbenzene	13	U	0.93	13
m,p-Xylene	33	U	1.5	33
Xylene, o-	13	U	3.3	13
Xylene (total)	26		10	13
Styrene	18		3.3	13
Bromoform	32	U	7.9	32
1,1,2,2-Tetrachloroethane	21	U	5.3	21
4-Ethyltoluene	15	U	4.8	15
1,3,5-Trimethylbenzene	15	U	4.8	15
2-Chlorotoluene	16	U	5.1	16
1,2,4-Trimethylbenzene	15	U	4.8	15
1,3-Dichlorobenzene	18	U	1.7	18
1,4-Dichlorobenzene	18	U	1.9	18
1,2-Dichlorobenzene	18	U	1.6	18
1,2,4-Trichlorobenzene	57	U	3.6	57
Hexachlorobutadiene	33	U	3.6	33

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 200-1086-8
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk009.d	
Dilution:	25.3		Initial Weight/Volume:	35	mL
Date Analyzed:	08/25/2010 2132		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2132		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	13	U	0.30	13
1,2-Dichlorotetrafluoroethane	5.1	U	0.30	5.1
Chloromethane	13	U	0.53	13
Vinyl chloride	5.1	U	0.63	5.1
1,3-Butadiene	5.1	U	0.68	5.1
Bromomethane	5.1	U	0.35	5.1
Chloroethane	13	U	2.5	13
Bromoethene(Vinyl Bromide)	5.1	U	1.3	5.1
Trichlorofluoromethane	5.1	U	1.3	5.1
Freon TF	5.1	U	1.3	5.1
1,1-Dichloroethene	5.1	U	0.38	5.1
Acetone	130	U	25	130
Isopropyl alcohol	130	U	1.1	130
Carbon disulfide	13	U	1.3	13
3-Chloropropene	13	U	0.73	13
Methylene Chloride	13	U	0.76	13
tert-Butyl alcohol	130	U	2.5	130
Methyl tert-butyl ether	5.1	U	0.33	5.1
trans-1,2-Dichloroethene	5.1	U	1.3	5.1
n-Hexane	5.1	U	0.58	5.1
1,1-Dichloroethane	5.1	U	0.33	5.1
Methyl Ethyl Ketone	380		1.6	13
cis-1,2-Dichloroethene	5.1	U	1.3	5.1
1,2-Dichloroethene, Total	5.1	U	2.5	5.1
Chloroform	5.1	U	1.3	5.1
Tetrahydrofuran	770		2.5	130
1,1,1-Trichloroethane	5.1	U	1.3	5.1
Cyclohexane	5.1	U	0.30	5.1
Carbon tetrachloride	5.1	U	1.3	5.1
2,2,4-Trimethylpentane	5.1	U	0.33	5.1
Benzene	5.1	U	1.3	5.1
1,2-Dichloroethane	5.1	U	0.38	5.1
n-Heptane	5.1	U	0.68	5.1
Trichloroethene	5.1	U	0.35	5.1
1,2-Dichloropropane	5.1	U	0.40	5.1
1,4-Dioxane	130	U	0.89	130
Bromodichloromethane	5.1	U	1.3	5.1
cis-1,3-Dichloropropene	5.1	U	1.3	5.1
methyl isobutyl ketone	44		1.6	13
Toluene	5.1	U	1.3	5.1
trans-1,3-Dichloropropene	5.1	U	1.6	5.1
1,1,2-Trichloroethane	5.1	U	1.3	5.1
Tetrachloroethene	5.1	U	0.43	5.1
Methyl Butyl Ketone (2-Hexanone)	13	U	0.71	13
Dibromochloromethane	5.1	U	1.3	5.1
1,2-Dibromoethane	5.1	U	0.30	5.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 200-1086-8
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk009.d
Dilution:	25.3			Initial Weight/Volume:	35 mL
Date Analyzed:	08/25/2010 2132			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 2132			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	5.1	U	1.3	5.1
Ethylbenzene	5.1	U	0.35	5.1
m,p-Xylene	13	U	0.58	13
Xylene, o-	5.1	U	1.3	5.1
Xylene (total)	6.4		3.8	5.1
Styrene	9.8		1.3	5.1
Bromoform	5.1	U	1.3	5.1
1,1,2,2-Tetrachloroethane	5.1	U	1.3	5.1
4-Ethyltoluene	5.1	U	1.6	5.1
1,3,5-Trimethylbenzene	5.1	U	1.6	5.1
2-Chlorotoluene	5.1	U	1.6	5.1
1,2,4-Trimethylbenzene	5.1	U	1.6	5.1
1,3-Dichlorobenzene	5.1	U	0.46	5.1
1,4-Dichlorobenzene	5.1	U	0.53	5.1
1,2-Dichlorobenzene	5.1	U	0.43	5.1
1,2,4-Trichlorobenzene	13	U	0.81	13
Hexachlorobutadiene	5.1	U	0.56	5.1

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	63	U	1.5	63
1,2-Dichlorotetrafluoroethane	35	U	2.1	35
Chloromethane	26	U	1.1	26
Vinyl chloride	13	U	1.6	13
1,3-Butadiene	11	U	1.5	11
Bromomethane	20	U	1.4	20
Chloroethane	33	U	6.7	33
Bromoethene(Vinyl Bromide)	22	U	5.5	22
Trichlorofluoromethane	28	U	7.1	28
Freon TF	39	U	9.7	39
1,1-Dichloroethene	20	U	1.5	20
Acetone	300	U	59	300
Isopropyl alcohol	310	U	2.7	310
Carbon disulfide	39	U	3.9	39
3-Chloropropene	40	U	2.3	40
Methylene Chloride	44	U	2.6	44
tert-Butyl alcohol	380	U	7.7	380
Methyl tert-butyl ether	18	U	1.2	18
trans-1,2-Dichloroethene	20	U	5.0	20
n-Hexane	18	U	2.1	18
1,1-Dichloroethane	20	U	1.3	20
Methyl Ethyl Ketone	1100		4.8	37
cis-1,2-Dichloroethene	20	U	5.0	20
1,2-Dichloroethene, Total	20	U	10	20
Chloroform	25	U	6.2	25
Tetrahydrofuran	2300		7.5	370
1,1,1-Trichloroethane	28	U	6.9	28

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 200-1086-8
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk009.d	
Dilution:	25.3		Initial Weight/Volume:	35	mL
Date Analyzed:	08/25/2010 2132		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2132		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	17	U	1.0	17
Carbon tetrachloride	32	U	8.0	32
2,2,4-Trimethylpentane	24	U	1.5	24
Benzene	16	U	4.0	16
1,2-Dichloroethane	20	U	1.5	20
n-Heptane	21	U	2.8	21
Trichloroethene	27	U	1.9	27
1,2-Dichloropropane	23	U	1.9	23
1,4-Dioxane	460	U	3.2	460
Bromodichloromethane	34	U	8.5	34
cis-1,3-Dichloropropene	23	U	5.7	23
methyl isobutyl ketone	180		6.6	52
Toluene	19	U	4.8	19
trans-1,3-Dichloropropene	23	U	7.3	23
1,1,2-Trichloroethane	28	U	6.9	28
Tetrachloroethene	34	U	2.9	34
Methyl Butyl Ketone (2-Hexanone)	52	U	2.9	52
Dibromochloromethane	43	U	11	43
1,2-Dibromoethane	39	U	2.3	39
Chlorobenzene	23	U	5.8	23
Ethylbenzene	22	U	1.5	22
m,p-Xylene	55	U	2.5	55
Xylene, o-	22	U	5.5	22
Xylene (total)	28		16	22
Styrene	42		5.4	22
Bromoform	52	U	13	52
1,1,2,2-Tetrachloroethane	35	U	8.7	35
4-Ethyltoluene	25	U	8.0	25
1,3,5-Trimethylbenzene	25	U	8.0	25
2-Chlorotoluene	26	U	8.4	26
1,2,4-Trimethylbenzene	25	U	8.0	25
1,3-Dichlorobenzene	30	U	2.7	30
1,4-Dichlorobenzene	30	U	3.2	30
1,2-Dichlorobenzene	30	U	2.6	30
1,2,4-Trichlorobenzene	94	U	6.0	94
Hexachlorobutadiene	54	U	5.9	54

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 200-1086-9
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk010.d
Dilution:	20		Initial Weight/Volume: 44 mL
Date Analyzed:	08/25/2010 2222		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 2222		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	10	U	0.24	10
1,2-Dichlorotetrafluoroethane	4.0	U	0.24	4.0
Chloromethane	10	U	0.42	10
Vinyl chloride	4.0	U	0.50	4.0
1,3-Butadiene	4.0	U	0.54	4.0
Bromomethane	4.0	U	0.28	4.0
Chloroethane	10	U	2.0	10
Bromoethene(Vinyl Bromide)	4.0	U	1.0	4.0
Trichlorofluoromethane	4.0	U	1.0	4.0
Freon TF	4.0	U	1.0	4.0
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	100	U	20	100
Isopropyl alcohol	100	U	0.86	100
Carbon disulfide	17		1.0	10
3-Chloropropene	10	U	0.58	10
Methylene Chloride	10	U	0.60	10
tert-Butyl alcohol	100	U	2.0	100
Methyl tert-butyl ether	4.0	U	0.26	4.0
trans-1,2-Dichloroethene	4.0	U	1.0	4.0
n-Hexane	4.0	U	0.46	4.0
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	200		1.3	10
cis-1,2-Dichloroethene	4.0	U	1.0	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.0	U	1.0	4.0
Tetrahydrofuran	560		2.0	100
1,1,1-Trichloroethane	4.0	U	1.0	4.0
Cyclohexane	5.2		0.24	4.0
Carbon tetrachloride	4.0	U	1.0	4.0
2,2,4-Trimethylpentane	4.0	U	0.26	4.0
Benzene	4.0	U	1.0	4.0
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	4.0	U	0.54	4.0
Trichloroethene	4.0	U	0.28	4.0
1,2-Dichloropropane	4.0	U	0.32	4.0
1,4-Dioxane	100	U	0.70	100
Bromodichloromethane	4.0	U	1.0	4.0
cis-1,3-Dichloropropene	4.0	U	1.0	4.0
methyl isobutyl ketone	28		1.3	10
Toluene	4.9		1.0	4.0
trans-1,3-Dichloropropene	4.0	U	1.3	4.0
1,1,2-Trichloroethane	4.0	U	1.0	4.0
Tetrachloroethene	4.0	U	0.34	4.0
Methyl Butyl Ketone (2-Hexanone)	10	U	0.56	10
Dibromochloromethane	4.0	U	1.0	4.0
1,2-Dibromoethane	4.0	U	0.24	4.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 200-1086-9
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk010.d
Dilution:	20			Initial Weight/Volume:	44 mL
Date Analyzed:	08/25/2010 2222			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 2222			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	4.0	U	1.0	4.0
Ethylbenzene	4.0	U	0.28	4.0
m,p-Xylene	10	U	0.46	10
Xylene, o-	4.0	U	1.0	4.0
Xylene (total)	6.3		3.0	4.0
Styrene	5.8		1.0	4.0
Bromoform	4.0	U	1.0	4.0
1,1,2,2-Tetrachloroethane	4.0	U	1.0	4.0
4-Ethyltoluene	4.0	U	1.3	4.0
1,3,5-Trimethylbenzene	4.0	U	1.3	4.0
2-Chlorotoluene	4.0	U	1.3	4.0
1,2,4-Trimethylbenzene	4.0	U	1.3	4.0
1,3-Dichlorobenzene	4.0	U	0.36	4.0
1,4-Dichlorobenzene	4.0	U	0.42	4.0
1,2-Dichlorobenzene	4.0	U	0.34	4.0
1,2,4-Trichlorobenzene	10	U	0.64	10
Hexachlorobutadiene	4.0	U	0.44	4.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	49	U	1.2	49
1,2-Dichlorotetrafluoroethane	28	U	1.7	28
Chloromethane	21	U	0.87	21
Vinyl chloride	10	U	1.3	10
1,3-Butadiene	8.8	U	1.2	8.8
Bromomethane	16	U	1.1	16
Chloroethane	26	U	5.3	26
Bromoethene(Vinyl Bromide)	17	U	4.4	17
Trichlorofluoromethane	22	U	5.6	22
Freon TF	31	U	7.7	31
1,1-Dichloroethene	16	U	1.2	16
Acetone	240	U	47	240
Isopropyl alcohol	250	U	2.1	250
Carbon disulfide	52		3.1	31
3-Chloropropene	31	U	1.8	31
Methylene Chloride	35	U	2.1	35
tert-Butyl alcohol	300	U	6.1	300
Methyl tert-butyl ether	14	U	0.94	14
trans-1,2-Dichloroethene	16	U	4.0	16
n-Hexane	14	U	1.6	14
1,1-Dichloroethane	16	U	1.1	16
Methyl Ethyl Ketone	600		3.8	29
cis-1,2-Dichloroethene	16	U	4.0	16
1,2-Dichloroethene, Total	16	U	7.9	16
Chloroform	20	U	4.9	20
Tetrahydrofuran	1600		5.9	290
1,1,1-Trichloroethane	22	U	5.5	22

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 200-1086-9
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk010.d
Dilution:	20		Initial Weight/Volume: 44 mL
Date Analyzed:	08/25/2010 2222		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 2222		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	18		0.83	14
Carbon tetrachloride	25	U	6.3	25
2,2,4-Trimethylpentane	19	U	1.2	19
Benzene	13	U	3.2	13
1,2-Dichloroethane	16	U	1.2	16
n-Heptane	16	U	2.2	16
Trichloroethene	21	U	1.5	21
1,2-Dichloropropane	18	U	1.5	18
1,4-Dioxane	360	U	2.5	360
Bromodichloromethane	27	U	6.7	27
cis-1,3-Dichloropropene	18	U	4.5	18
methyl isobutyl ketone	120		5.2	41
Toluene	18		3.8	15
trans-1,3-Dichloropropene	18	U	5.8	18
1,1,2-Trichloroethane	22	U	5.5	22
Tetrachloroethene	27	U	2.3	27
Methyl Butyl Ketone (2-Hexanone)	41	U	2.3	41
Dibromochloromethane	34	U	8.5	34
1,2-Dibromoethane	31	U	1.8	31
Chlorobenzene	18	U	4.6	18
Ethylbenzene	17	U	1.2	17
m,p-Xylene	43	U	2.0	43
Xylene, o-	17	U	4.3	17
Xylene (total)	27		13	17
Styrene	25		4.3	17
Bromoform	41	U	10	41
1,1,2,2-Tetrachloroethane	27	U	6.9	27
4-Ethyltoluene	20	U	6.3	20
1,3,5-Trimethylbenzene	20	U	6.3	20
2-Chlorotoluene	21	U	6.6	21
1,2,4-Trimethylbenzene	20	U	6.3	20
1,3-Dichlorobenzene	24	U	2.2	24
1,4-Dichlorobenzene	24	U	2.5	24
1,2-Dichlorobenzene	24	U	2.0	24
1,2,4-Trichlorobenzene	74	U	4.7	74
Hexachlorobutadiene	43	U	4.7	43

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5588/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1825
Date Prepared: 08/24/2010 1825

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtj004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.50	U	0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.20	U	0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	5.0	U	0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	0.50	U	0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	0.50	U	0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	5.0	U	0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.20	U	0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.20	U	0.013	0.20
Benzene	0.20	U	0.050	0.20
1,2-Dichloroethane	0.20	U	0.015	0.20
n-Heptane	0.20	U	0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	0.50	U	0.064	0.50
Toluene	0.20	U	0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5588/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1825
Date Prepared: 08/24/2010 1825

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtj004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	0.20	U	0.014	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.050	0.20
Xylene (total)	0.20	U	0.15	0.20
Styrene	0.20	U	0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20	U	0.064	0.20
1,3,5-Trimethylbenzene	0.20	U	0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.20	U	0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	0.20	U	0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5588/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1825
Date Prepared: 08/24/2010 1825

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ug/m3

Instrument ID: F.i
Lab File ID: fdtj004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.0	U	0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.1	U	0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	12	U	2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	1.6	U	0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	0.70	U	0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	1.5	U	0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	15	U	0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1
Cyclohexane	0.69	U	0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	0.93	U	0.061	0.93
Benzene	0.64	U	0.16	0.64
1,2-Dichloroethane	0.81	U	0.061	0.81
n-Heptane	0.82	U	0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	2.0	U	0.26	2.0
Toluene	0.75	U	0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-5588/3	Analysis Batch:	200-5588	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtj004.d
Dilution:	1.0	Units:	ug/m3	Initial Weight/Volume:	200 mL
Date Analyzed:	08/24/2010 1825			Final Weight/Volume:	200 mL
Date Prepared:	08/24/2010 1825			Injection Volume:	200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	0.87	U	0.061	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.22	0.87
Xylene (total)	0.87	U	0.65	0.87
Styrene	0.85	U	0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98	U	0.31	0.98
1,3,5-Trimethylbenzene	0.98	U	0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	0.98	U	0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	1.2	U	0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-5588/2
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1734
Date Prepared: 08/24/2010 1734

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtj003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.51	95	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.00	90	70 - 130	
Chloromethane	10.0	8.87	89	70 - 130	
Vinyl chloride	10.0	9.61	96	70 - 130	
1,3-Butadiene	10.0	9.72	97	70 - 130	
Bromomethane	10.0	9.22	92	70 - 130	
Chloroethane	10.0	9.28	93	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.1	101	70 - 130	
Trichlorofluoromethane	10.0	9.43	94	70 - 130	
Freon TF	10.0	10.8	108	70 - 130	
1,1-Dichloroethene	10.0	11.4	114	70 - 130	
Acetone	10.0	8.88	89	70 - 130	
Isopropyl alcohol	10.0	8.86	89	70 - 130	
Carbon disulfide	10.0	9.95	100	70 - 130	
3-Chloropropene	10.0	8.76	88	70 - 130	
Methylene Chloride	10.0	9.61	96	70 - 130	
tert-Butyl alcohol	10.0	8.94	89	70 - 130	
Methyl tert-butyl ether	10.0	9.73	97	70 - 130	
trans-1,2-Dichloroethene	10.0	9.36	94	70 - 130	
n-Hexane	10.0	9.41	94	70 - 130	
1,1-Dichloroethane	10.0	9.53	95	70 - 130	
Methyl Ethyl Ketone	10.0	9.83	98	70 - 130	
cis-1,2-Dichloroethene	10.0	10.8	108	70 - 130	
Chloroform	10.0	9.59	96	70 - 130	
Tetrahydrofuran	10.0	9.79	98	70 - 130	
1,1,1-Trichloroethane	10.0	9.53	95	70 - 130	
Cyclohexane	10.0	10.1	101	70 - 130	
Carbon tetrachloride	10.0	9.64	96	70 - 130	
2,2,4-Trimethylpentane	10.0	9.49	95	70 - 130	
Benzene	10.0	9.06	91	70 - 130	
1,2-Dichloroethane	10.0	9.14	91	70 - 130	
n-Heptane	10.0	9.11	91	70 - 130	
Trichloroethene	10.0	9.74	97	70 - 130	
1,2-Dichloropropane	10.0	9.25	93	70 - 130	
1,4-Dioxane	10.0	9.77	98	70 - 130	
Bromodichloromethane	10.0	10.4	104	70 - 130	
cis-1,3-Dichloropropene	10.0	9.44	94	70 - 130	
methyl isobutyl ketone	10.0	9.61	96	70 - 130	
Toluene	10.0	9.94	99	70 - 130	
trans-1,3-Dichloropropene	10.0	9.19	92	70 - 130	
1,1,2-Trichloroethane	10.0	9.62	96	70 - 130	
Tetrachloroethene	10.0	9.44	94	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70 - 130	
Dibromochloromethane	10.0	10.6	106	70 - 130	

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-5588/2	Analysis Batch:	200-5588	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtj003.d
Dilution:	1.0	Units:	ppb v/v	Initial Weight/Volume:	200 mL
Date Analyzed:	08/24/2010 1734			Final Weight/Volume:	200 mL
Date Prepared:	08/24/2010 1734			Injection Volume:	200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromoethane	10.0	10.0	100	70 - 130	
Chlorobenzene	10.0	9.47	95	70 - 130	
Ethylbenzene	10.0	9.79	98	70 - 130	
m,p-Xylene	20.0	19.5	98	70 - 130	
Xylene, o-	10.0	9.54	95	70 - 130	
Styrene	10.0	10.1	101	70 - 130	
Bromoform	10.0	9.57	96	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.27	93	70 - 130	
4-Ethyltoluene	10.0	9.68	97	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.46	95	70 - 130	
2-Chlorotoluene	10.0	9.66	97	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.24	92	70 - 130	
1,3-Dichlorobenzene	10.0	8.66	87	70 - 130	
1,4-Dichlorobenzene	10.0	8.60	86	70 - 130	
1,2-Dichlorobenzene	10.0	8.63	86	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.56	76	70 - 130	
Hexachlorobutadiene	10.0	7.34	73	70 - 130	

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-5661/4	Analysis Batch:	200-5661	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtk004.d
Dilution:	1.0	Units:	ppb v/v	Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1717			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1717			Injection Volume:	200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.50	U	0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.20	U	0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	5.0	U	0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	0.50	U	0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	0.50	U	0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	5.0	U	0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.20	U	0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.20	U	0.013	0.20
Benzene	0.20	U	0.050	0.20
1,2-Dichloroethane	0.20	U	0.015	0.20
n-Heptane	0.20	U	0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	0.50	U	0.064	0.50
Toluene	0.20	U	0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5661/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/25/2010 1717
Date Prepared: 08/25/2010 1717

Analysis Batch: 200-5661
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtk004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	0.20	U	0.014	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.050	0.20
Xylene (total)	0.20	U	0.15	0.20
Styrene	0.20	U	0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20	U	0.064	0.20
1,3,5-Trimethylbenzene	0.20	U	0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.20	U	0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	0.20	U	0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5661/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/25/2010 1717
Date Prepared: 08/25/2010 1717

Analysis Batch: 200-5661
Prep Batch: N/A
Units: ug/m3

Instrument ID: F.i
Lab File ID: fdtk004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.0	U	0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.1	U	0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	12	U	2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	1.6	U	0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	0.70	U	0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	1.5	U	0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	15	U	0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1
Cyclohexane	0.69	U	0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	0.93	U	0.061	0.93
Benzene	0.64	U	0.16	0.64
1,2-Dichloroethane	0.81	U	0.061	0.81
n-Heptane	0.82	U	0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	2.0	U	0.26	2.0
Toluene	0.75	U	0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-5661/4	Analysis Batch:	200-5661	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtk004.d
Dilution:	1.0	Units:	ug/m3	Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1717			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1717			Injection Volume:	200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	0.87	U	0.061	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.22	0.87
Xylene (total)	0.87	U	0.65	0.87
Styrene	0.85	U	0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98	U	0.31	0.98
1,3,5-Trimethylbenzene	0.98	U	0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	0.98	U	0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	1.2	U	0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-5661/3	Analysis Batch:	200-5661	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtk003.d
Dilution:	1.0	Units:	ppb v/v	Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1627			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1627			Injection Volume:	200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.92	99	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.81	98	70 - 130	
Chloromethane	10.0	8.74	87	70 - 130	
Vinyl chloride	10.0	9.59	96	70 - 130	
1,3-Butadiene	10.0	9.61	96	70 - 130	
Bromomethane	10.0	9.12	91	70 - 130	
Chloroethane	10.0	9.26	93	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.89	99	70 - 130	
Trichlorofluoromethane	10.0	9.32	93	70 - 130	
Freon TF	10.0	10.9	109	70 - 130	
1,1-Dichloroethene	10.0	11.4	114	70 - 130	
Acetone	10.0	8.71	87	70 - 130	
Isopropyl alcohol	10.0	8.58	86	70 - 130	
Carbon disulfide	10.0	9.86	99	70 - 130	
3-Chloropropene	10.0	8.76	88	70 - 130	
Methylene Chloride	10.0	9.38	94	70 - 130	
tert-Butyl alcohol	10.0	8.80	88	70 - 130	
Methyl tert-butyl ether	10.0	9.69	97	70 - 130	
trans-1,2-Dichloroethene	10.0	9.32	93	70 - 130	
n-Hexane	10.0	9.28	93	70 - 130	
1,1-Dichloroethane	10.0	9.50	95	70 - 130	
Methyl Ethyl Ketone	10.0	9.75	98	70 - 130	
cis-1,2-Dichloroethene	10.0	10.9	109	70 - 130	
Chloroform	10.0	9.58	96	70 - 130	
Tetrahydrofuran	10.0	9.68	97	70 - 130	
1,1,1-Trichloroethane	10.0	9.51	95	70 - 130	
Cyclohexane	10.0	10.0	100	70 - 130	
Carbon tetrachloride	10.0	9.72	97	70 - 130	
2,2,4-Trimethylpentane	10.0	9.37	94	70 - 130	
Benzene	10.0	9.01	90	70 - 130	
1,2-Dichloroethane	10.0	9.02	90	70 - 130	
n-Heptane	10.0	9.00	90	70 - 130	
Trichloroethene	10.0	9.70	97	70 - 130	
1,2-Dichloropropane	10.0	9.14	91	70 - 130	
1,4-Dioxane	10.0	9.67	97	70 - 130	
Bromodichloromethane	10.0	10.4	104	70 - 130	
cis-1,3-Dichloropropene	10.0	9.24	92	70 - 130	
methyl isobutyl ketone	10.0	9.42	94	70 - 130	
Toluene	10.0	10.0	100	70 - 130	
trans-1,3-Dichloropropene	10.0	9.08	91	70 - 130	
1,1,2-Trichloroethane	10.0	9.66	97	70 - 130	
Tetrachloroethene	10.0	9.54	95	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70 - 130	
Dibromochloromethane	10.0	10.7	107	70 - 130	

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-5661/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/25/2010 1627
Date Prepared: 08/25/2010 1627

Analysis Batch: 200-5661
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtk003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromoethane	10.0	10.1	101	70 - 130	
Chlorobenzene	10.0	9.65	97	70 - 130	
Ethylbenzene	10.0	9.87	99	70 - 130	
m,p-Xylene	20.0	19.8	99	70 - 130	
Xylene, o-	10.0	9.78	98	70 - 130	
Styrene	10.0	10.4	104	70 - 130	
Bromoform	10.0	10.1	101	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.42	94	70 - 130	
4-Ethyltoluene	10.0	10.0	100	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.71	97	70 - 130	
2-Chlorotoluene	10.0	9.86	99	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.44	94	70 - 130	
1,3-Dichlorobenzene	10.0	9.03	90	70 - 130	
1,4-Dichlorobenzene	10.0	8.91	89	70 - 130	
1,2-Dichlorobenzene	10.0	8.75	88	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.87	79	70 - 130	
Hexachlorobutadiene	10.0	7.81	78	70 - 130	

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 200-1086-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: AKRF Inc

Job Number: 200-1086-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-5588					
LCS 200-5588/2	Lab Control Sample	T	Air	TO-15	
MB 200-5588/3	Method Blank	T	Air	TO-15	
200-1086-1	CE-AA	T	Air	TO-15	
200-1086-2	CE-VAPOR-1	T	Air	TO-15	
200-1086-3	CE-VAPOR-2	T	Air	TO-15	
200-1086-4	CE-VAPOR-3	T	Air	TO-15	
Analysis Batch:200-5661					
LCS 200-5661/3	Lab Control Sample	T	Air	TO-15	
MB 200-5661/4	Method Blank	T	Air	TO-15	
200-1086-5	CE-VAPOR-4	T	Air	TO-15	
200-1086-6	CE-VAPOR-5	T	Air	TO-15	
200-1086-7	CE-VAPOR-6	T	Air	TO-15	
200-1086-8	CE-VAPOR-7	T	Air	TO-15	
200-1086-9	CE-VAPOR-8	T	Air	TO-15	

Report Basis
T = Total

Client: AKRF Inc

Job Number: 200-1086-1

Laboratory Chronicle

Lab ID: 200-1086-1 **Client ID:** CE-AA

Sample Date/Time: 08/10/2010 14:03 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-1		200-5588		08/25/2010 08:54	1	TAL BUR	WRD
A:TO-15	200-1086-A-1		200-5588		08/25/2010 08:54	1	TAL BUR	WRD

Lab ID: 200-1086-2 **Client ID:** CE-VAPOR-1

Sample Date/Time: 08/10/2010 13:57 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-2		200-5588		08/25/2010 09:45	5	TAL BUR	WRD
A:TO-15	200-1086-A-2		200-5588		08/25/2010 09:45	5	TAL BUR	WRD

Lab ID: 200-1086-3 **Client ID:** CE-VAPOR-2

Sample Date/Time: 08/10/2010 13:57 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-3		200-5588		08/25/2010 10:36	5	TAL BUR	WRD
A:TO-15	200-1086-A-3		200-5588		08/25/2010 10:36	5	TAL BUR	WRD

Lab ID: 200-1086-4 **Client ID:** CE-VAPOR-3

Sample Date/Time: 08/10/2010 13:57 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-4		200-5588		08/25/2010 13:09	5	TAL BUR	WRD
A:TO-15	200-1086-A-4		200-5588		08/25/2010 13:09	5	TAL BUR	WRD

Lab ID: 200-1086-5 **Client ID:** CE-VAPOR-4

Sample Date/Time: 08/10/2010 13:56 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-5		200-5661		08/25/2010 18:59	5	TAL BUR	WRD
A:TO-15	200-1086-A-5		200-5661		08/25/2010 18:59	5	TAL BUR	WRD

Client: AKRF Inc

Job Number: 200-1086-1

Laboratory Chronicle

Lab ID: 200-1086-6 **Client ID:** CE-VAPOR-5

Sample Date/Time: 08/10/2010 13:47 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-6		200-5661		08/25/2010 19:50	1	TAL BUR	WRD
A:TO-15	200-1086-A-6		200-5661		08/25/2010 19:50	1	TAL BUR	WRD

Lab ID: 200-1086-7 **Client ID:** CE-VAPOR-6

Sample Date/Time: 08/10/2010 13:48 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-7		200-5661		08/25/2010 20:41	15.3	TAL BUR	WRD
A:TO-15	200-1086-A-7		200-5661		08/25/2010 20:41	15.3	TAL BUR	WRD

Lab ID: 200-1086-8 **Client ID:** CE-VAPOR-7

Sample Date/Time: 08/10/2010 13:49 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-8		200-5661		08/25/2010 21:32	25.3	TAL BUR	WRD
A:TO-15	200-1086-A-8		200-5661		08/25/2010 21:32	25.3	TAL BUR	WRD

Lab ID: 200-1086-9 **Client ID:** CE-VAPOR-8

Sample Date/Time: 08/10/2010 13:49 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-9		200-5661		08/25/2010 22:22	20	TAL BUR	WRD
A:TO-15	200-1086-A-9		200-5661		08/25/2010 22:22	20	TAL BUR	WRD

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-5588/3		200-5588		08/24/2010 18:25	1	TAL BUR	WRD
A:TO-15	MB 200-5588/3		200-5588		08/24/2010 18:25	1	TAL BUR	WRD
P:Summa Canister	MB 200-5661/4		200-5661		08/25/2010 17:17	1	TAL BUR	WRD
A:TO-15	MB 200-5661/4		200-5661		08/25/2010 17:17	1	TAL BUR	WRD

Client: AKRF Inc

Job Number: 200-1086-1

Laboratory Chronicle

Lab ID: **LCS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-5588/2		200-5588		08/24/2010 17:34	1	TAL BUR	WRD
A:TO-15	LCS 200-5588/2		200-5588		08/24/2010 17:34	1	TAL BUR	WRD
P:Summa Canister	LCS 200-5661/3		200-5661		08/25/2010 16:27	1	TAL BUR	WRD
A:TO-15	LCS 200-5661/3		200-5661		08/25/2010 16:27	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Method TO15

Volatile Organic Compounds (GC/MS)
by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtj003.d

Lab ID: LCS 200-5588/2 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.51	95	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.00	90	70-130	
Chloromethane	10.0	8.87	89	70-130	
Vinyl chloride	10.0	9.61	96	70-130	
1,3-Butadiene	10.0	9.72	97	70-130	
Bromomethane	10.0	9.22	92	70-130	
Chloroethane	10.0	9.28	93	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.1	101	70-130	
Trichlorofluoromethane	10.0	9.43	94	70-130	
Freon TF	10.0	10.8	108	70-130	
1,1-Dichloroethene	10.0	11.4	114	70-130	
Acetone	10.0	8.88	89	70-130	
Isopropyl alcohol	10.0	8.86	89	70-130	
Carbon disulfide	10.0	9.95	100	70-130	
3-Chloropropene	10.0	8.76	88	70-130	
Methylene Chloride	10.0	9.61	96	70-130	
tert-Butyl alcohol	10.0	8.94	89	70-130	
Methyl tert-butyl ether	10.0	9.73	97	70-130	
trans-1,2-Dichloroethene	10.0	9.36	94	70-130	
n-Hexane	10.0	9.41	94	70-130	
1,1-Dichloroethane	10.0	9.53	95	70-130	
Methyl Ethyl Ketone	10.0	9.83	98	70-130	
cis-1,2-Dichloroethene	10.0	10.8	108	70-130	
Chloroform	10.0	9.59	96	70-130	
Tetrahydrofuran	10.0	9.79	98	70-130	
1,1,1-Trichloroethane	10.0	9.53	95	70-130	
Cyclohexane	10.0	10.1	101	70-130	
Carbon tetrachloride	10.0	9.64	96	70-130	
2,2,4-Trimethylpentane	10.0	9.49	95	70-130	
Benzene	10.0	9.06	91	70-130	
1,2-Dichloroethane	10.0	9.14	91	70-130	
n-Heptane	10.0	9.11	91	70-130	
Trichloroethene	10.0	9.74	97	70-130	
1,2-Dichloropropane	10.0	9.25	93	70-130	
1,4-Dioxane	10.0	9.77	98	70-130	
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.44	94	70-130	
methyl isobutyl ketone	10.0	9.61	96	70-130	
Toluene	10.0	9.94	99	70-130	
trans-1,3-Dichloropropene	10.0	9.19	92	70-130	
1,1,2-Trichloroethane	10.0	9.62	96	70-130	
Tetrachloroethene	10.0	9.44	94	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtj003.d

Lab ID: LCS 200-5588/2 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70-130	
Dibromochloromethane	10.0	10.6	106	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Chlorobenzene	10.0	9.47	95	70-130	
Ethylbenzene	10.0	9.79	98	70-130	
m,p-Xylene	20.0	19.5	98	70-130	
Xylene, o-	10.0	9.54	95	70-130	
Styrene	10.0	10.1	101	70-130	
Bromoform	10.0	9.57	96	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.27	93	70-130	
4-Ethyltoluene	10.0	9.68	97	70-130	
1,3,5-Trimethylbenzene	10.0	9.46	95	70-130	
2-Chlorotoluene	10.0	9.66	97	70-130	
1,2,4-Trimethylbenzene	10.0	9.24	92	70-130	
1,3-Dichlorobenzene	10.0	8.66	87	70-130	
1,4-Dichlorobenzene	10.0	8.60	86	70-130	
1,2-Dichlorobenzene	10.0	8.63	86	70-130	
1,2,4-Trichlorobenzene	10.0	7.56	76	70-130	
Hexachlorobutadiene	10.0	7.34	73	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtk003.d

Lab ID: LCS 200-5661/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.92	99	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.81	98	70-130	
Chloromethane	10.0	8.74	87	70-130	
Vinyl chloride	10.0	9.59	96	70-130	
1,3-Butadiene	10.0	9.61	96	70-130	
Bromomethane	10.0	9.12	91	70-130	
Chloroethane	10.0	9.26	93	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.89	99	70-130	
Trichlorofluoromethane	10.0	9.32	93	70-130	
Freon TF	10.0	10.9	109	70-130	
1,1-Dichloroethene	10.0	11.4	114	70-130	
Acetone	10.0	8.71	87	70-130	
Isopropyl alcohol	10.0	8.58	86	70-130	
Carbon disulfide	10.0	9.86	99	70-130	
3-Chloropropene	10.0	8.76	88	70-130	
Methylene Chloride	10.0	9.38	94	70-130	
tert-Butyl alcohol	10.0	8.80	88	70-130	
Methyl tert-butyl ether	10.0	9.69	97	70-130	
trans-1,2-Dichloroethene	10.0	9.32	93	70-130	
n-Hexane	10.0	9.28	93	70-130	
1,1-Dichloroethane	10.0	9.50	95	70-130	
Methyl Ethyl Ketone	10.0	9.75	98	70-130	
cis-1,2-Dichloroethene	10.0	10.9	109	70-130	
Chloroform	10.0	9.58	96	70-130	
Tetrahydrofuran	10.0	9.68	97	70-130	
1,1,1-Trichloroethane	10.0	9.51	95	70-130	
Cyclohexane	10.0	10.0	100	70-130	
Carbon tetrachloride	10.0	9.72	97	70-130	
2,2,4-Trimethylpentane	10.0	9.37	94	70-130	
Benzene	10.0	9.01	90	70-130	
1,2-Dichloroethane	10.0	9.02	90	70-130	
n-Heptane	10.0	9.00	90	70-130	
Trichloroethene	10.0	9.70	97	70-130	
1,2-Dichloropropane	10.0	9.14	91	70-130	
1,4-Dioxane	10.0	9.67	97	70-130	
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.24	92	70-130	
methyl isobutyl ketone	10.0	9.42	94	70-130	
Toluene	10.0	10.0	100	70-130	
trans-1,3-Dichloropropene	10.0	9.08	91	70-130	
1,1,2-Trichloroethane	10.0	9.66	97	70-130	
Tetrachloroethene	10.0	9.54	95	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtk003.d

Lab ID: LCS 200-5661/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	10.1	101	70-130	
Chlorobenzene	10.0	9.65	97	70-130	
Ethylbenzene	10.0	9.87	99	70-130	
m,p-Xylene	20.0	19.8	99	70-130	
Xylene, o-	10.0	9.78	98	70-130	
Styrene	10.0	10.4	104	70-130	
Bromoform	10.0	10.1	101	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.42	94	70-130	
4-Ethyltoluene	10.0	10.0	100	70-130	
1,3,5-Trimethylbenzene	10.0	9.71	97	70-130	
2-Chlorotoluene	10.0	9.86	99	70-130	
1,2,4-Trimethylbenzene	10.0	9.44	94	70-130	
1,3-Dichlorobenzene	10.0	9.03	90	70-130	
1,4-Dichlorobenzene	10.0	8.91	89	70-130	
1,2-Dichlorobenzene	10.0	8.75	88	70-130	
1,2,4-Trichlorobenzene	10.0	7.87	79	70-130	
Hexachlorobutadiene	10.0	7.81	78	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtj004.d Lab Sample ID: MB 200-5588/3

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: F.i Date Analyzed: 08/24/2010 18:25

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-5588/2	fdtj003.d	08/24/2010 17:34
CE-AA	200-1086-1	fdtj021.d	08/25/2010 08:54
CE-VAPOR-1	200-1086-2	fdtj022.d	08/25/2010 09:45
CE-VAPOR-2	200-1086-3	fdtj023.d	08/25/2010 10:36
CE-VAPOR-3	200-1086-4	fdtj026.d	08/25/2010 13:09

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtk004.d Lab Sample ID: MB 200-5661/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: F.i Date Analyzed: 08/25/2010 17:17

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-5661/3	fdtk003.d	08/25/2010 16:27
CE-VAPOR-4	200-1086-5	fdtk006.d	08/25/2010 18:59
CE-VAPOR-5	200-1086-6	fdtk007.d	08/25/2010 19:50
CE-VAPOR-6	200-1086-7	fdtk008.d	08/25/2010 20:41
CE-VAPOR-7	200-1086-8	fdtk009.d	08/25/2010 21:32
CE-VAPOR-8	200-1086-9	fdtk010.d	08/25/2010 22:22

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdt001.d BFB Injection Date: 08/12/2010

Instrument ID: F.i BFB Injection Time: 16:52

Analysis Batch No.: 5141

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.1	
75	30.0 - 66.0% of mass 95	44.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.4	(0.6)1
174	50.0 - 120.0% of mass 95	72.2	
175	4.0 - 9.0 % of mass 174	5.0	(6.9)1
176	93.0 - 101.0% of mass 174	69.7	(96.5)1
177	5.0 - 9.0% of mass 176	4.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-5141/3	fdt003.d	08/12/2010	19:27
	IC 200-5141/4	fdt004.d	08/12/2010	20:19
	IC 200-5141/5	fdt005.d	08/12/2010	21:09
	ICIS 200-5141/6	fdt006.d	08/12/2010	22:01
	IC 200-5141/7	fdt007.d	08/12/2010	22:51
	IC 200-5141/8	fdt008.d	08/12/2010	23:42
	IC 200-5141/9	fdt009.d	08/13/2010	00:33
	ICV 200-5141/11	fdt011.d	08/13/2010	02:15

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtj001.d BFB Injection Date: 08/24/2010

Instrument ID: F.i BFB Injection Time: 15:53

Analysis Batch No.: 5588

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.6	
75	30.0 - 66.0% of mass 95	44.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.4	(0.6)1
174	50.0 - 120.0% of mass 95	64.3	
175	4.0 - 9.0 % of mass 174	4.3	(6.7)1
176	93.0 - 101.0% of mass 174	61.9	(96.3)1
177	5.0 - 9.0% of mass 176	4.0	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-5588/26	fdtj002.d	08/24/2010	16:43
	LCS 200-5588/2	fdtj003.d	08/24/2010	17:34
	MB 200-5588/3	fdtj004.d	08/24/2010	18:25
CE-AA	200-1086-1	fdtj021.d	08/25/2010	08:54
CE-VAPOR-1	200-1086-2	fdtj022.d	08/25/2010	09:45
CE-VAPOR-2	200-1086-3	fdtj023.d	08/25/2010	10:36
CE-VAPOR-3	200-1086-4	fdtj026.d	08/25/2010	13:09

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtk001.d BFB Injection Date: 08/25/2010

Instrument ID: F.i BFB Injection Time: 14:49

Analysis Batch No.: 5661

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.7	
75	30.0 - 66.0% of mass 95	43.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.4	(0.5)1
174	50.0 - 120.0% of mass 95	69.9	
175	4.0 - 9.0 % of mass 174	4.8	(6.9)1
176	93.0 - 101.0% of mass 174	67.3	(96.3)1
177	5.0 - 9.0% of mass 176	4.3	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-5661/2	fdtk002.d	08/25/2010	15:36
	LCS 200-5661/3	fdtk003.d	08/25/2010	16:27
	MB 200-5661/4	fdtk004.d	08/25/2010	17:17
CE-VAPOR-4	200-1086-5	fdtk006.d	08/25/2010	18:59
CE-VAPOR-5	200-1086-6	fdtk007.d	08/25/2010	19:50
CE-VAPOR-6	200-1086-7	fdtk008.d	08/25/2010	20:41
CE-VAPOR-7	200-1086-8	fdtk009.d	08/25/2010	21:32
CE-VAPOR-8	200-1086-9	fdtk010.d	08/25/2010	22:22

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Sample No.: ICIS 200-5141/6 Date Analyzed: 08/12/2010 22:01

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): fdt006.d Heated Purge: (Y/N) N

Calibration ID: 1849

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		355666	9.58	1768833	10.97	1758871	15.08
UPPER LIMIT		497932	9.91	2476366	11.30	2462419	15.41
LOWER LIMIT		213400	9.25	1061300	10.64	1055323	14.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-5141/11		424799	9.58	1992538	10.97	1732704	15.08

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Sample No.: CCVIS 200-5588/26 Date Analyzed: 08/24/2010 16:43

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): fdtj002.d Heated Purge: (Y/N) N

Calibration ID: 1849

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		478642	9.57	2373214	10.97	2205171	15.07
UPPER LIMIT		670099	9.90	3322500	11.30	3087239	15.40
LOWER LIMIT		287185	9.24	1423928	10.64	1323103	14.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-5588/2		480713	9.57	2367622	10.97	2205891	15.07
MB 200-5588/3		479821	9.57	2352829	10.96	2148238	15.07
200-1086-1	CE-AA	439109	9.57	1949321	10.96	1912622	15.07
200-1086-2	CE-VAPOR-1	438535	9.57	2164315	10.96	2017713	15.07
200-1086-3	CE-VAPOR-2	445649	9.58	2197864	10.97	1979206	15.07
200-1086-4	CE-VAPOR-3	426333	9.57	2072065	10.96	1721869	15.07

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Sample No.: CCVIS 200-5661/2 Date Analyzed: 08/25/2010 15:36

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): fdtk002.d Heated Purge: (Y/N) N

Calibration ID: 1849

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		506144	9.57	2487883	10.96	2264908	15.07
UPPER LIMIT		708602	9.90	3483036	11.29	3170871	15.40
LOWER LIMIT		303686	9.24	1492730	10.63	1358945	14.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-5661/3		492684	9.58	2427417	10.97	2227043	15.07
MB 200-5661/4		484386	9.57	2403893	10.96	2200469	15.06
200-1086-5	CE-VAPOR-4	435855	9.57	2185951	10.96	2023957	15.07
200-1086-6	CE-VAPOR-5	438264	9.57	2152695	10.96	1634310	15.06
200-1086-7	CE-VAPOR-6	471698	9.57	2369907	10.96	2037360	15.07
200-1086-8	CE-VAPOR-7	474757	9.57	2368828	10.96	1830149	15.07
200-1086-9	CE-VAPOR-8	467166	9.57	2332423	10.97	2013705	15.07

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.51		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	28		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.27		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	4.2		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20		0.20	0.013
71-43-2	Benzene	78.11	0.23		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.29		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.67		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.56		0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.23		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.1		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	67		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.96		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	12		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.92		0.93	0.061
71-43-2	Benzene	78.11	0.74		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	1.2		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	2.5		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.3		2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	1.0		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-1
Client Smp ID: CE-AA
Inj Date : 25-AUG-2010 08:54
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-1
Misc Info : 200,1,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	42379	0.44953	0.45(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.568	3.574	(0.373)	13936	0.50984	0.51
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	28047	0.24223	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	6778	0.07885	0.079(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.436	6.446	(0.672)	1578047	28.2521	28
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	6.655	6.655	(0.695)	73760	1.85678	1.9(aM)
23 Allyl chloride	41	Compound Not Detected.					

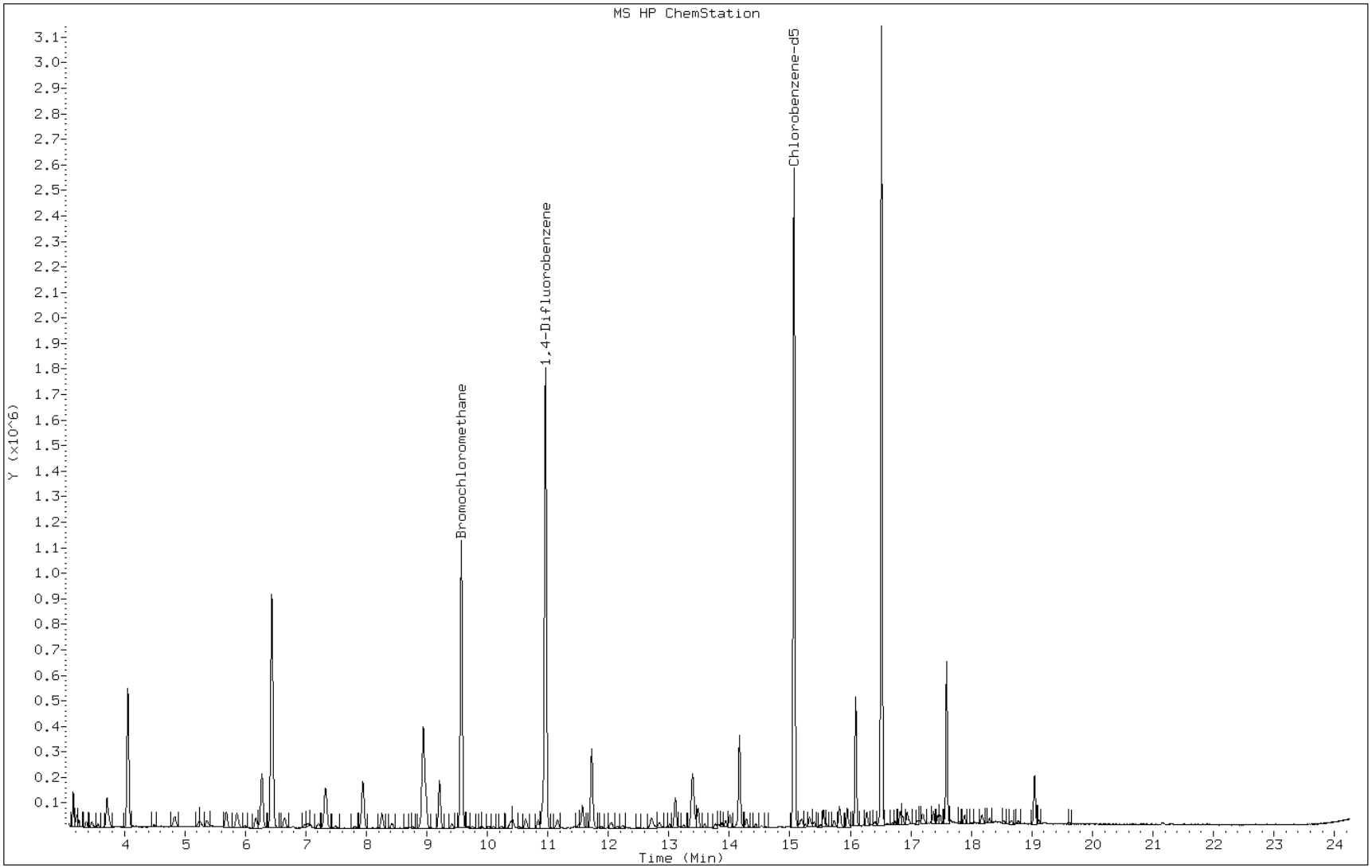
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
25	Methylene chloride	49	7.206	7.211	(0.753)	9771	0.24985	0.25(a)
26	Tert-butyl alcohol	59	7.324	7.329	(0.765)	311540	4.33032	4.3(a)
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	7.928	7.934	(0.828)	16931	0.27270	0.27
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	89729	4.22050	4.2(Q)
* 37	Bromochloromethane	128	9.571	9.581	(1.000)	439109	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	10.100	10.111	(0.921)	6995	0.07819	0.078(aQ)
43	2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	33479	0.19738	0.20
44	Benzene	78	10.421	10.432	(0.951)	30602	0.23207	0.23
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	10.635	10.641	(0.970)	16051	0.29382	0.29(Q)
* 47	1,4-Difluorobenzene	114	10.961	10.972	(1.000)	1949321	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	12.839	12.839	(1.171)	17850	0.26350	0.26(a)
58	Toluene	92	13.107	13.118	(0.870)	63284	0.67034	0.67
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	13.872	13.883	(0.920)	8612	0.11424	0.11(a)
62	2-Hexanone	43	14.011	14.022	(0.930)	36998	0.56467	0.56
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	1912622	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	15.182	15.188	(1.007)	18079	0.08423	0.084(a)
69	Xylene (m,p)	106	15.327	15.332	(1.017)	13940	0.16743	0.17(a)
M 70	Xylenes, Total	106				19390	0.23311	0.23
71	Xylene (o)	106	15.846	15.846	(1.051)	5450	0.06568	0.066(aH)
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	12374	0.04850	0.049(a)
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	30187	0.14109	0.14(a)
87	1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	8786	0.05881	0.059(a)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtj021.d	Date:	25-AUG-2010 08:54
Client ID:	CE-AA	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-1		
Lab Sample ID:	200-1086-1		



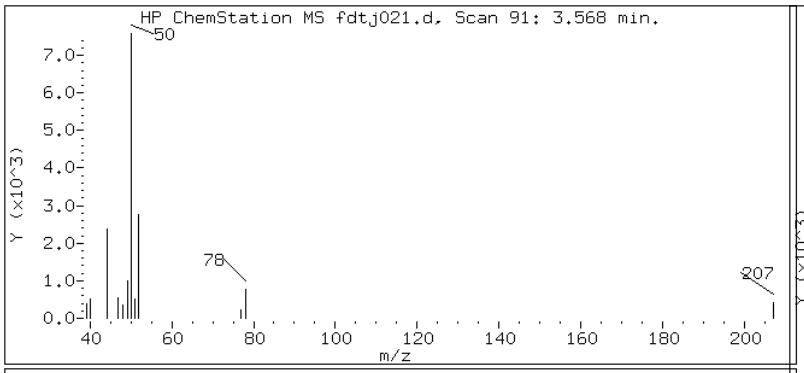
Data File: fdtj021.d

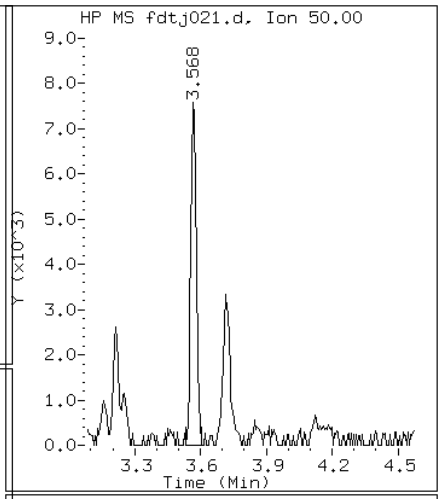
Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

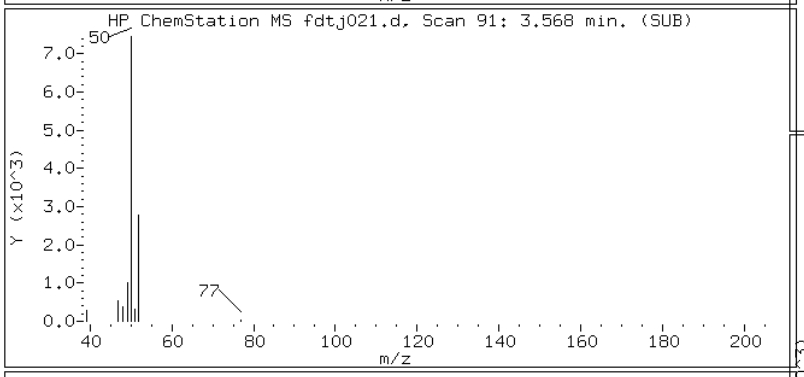
Client ID: CE-AA Instrument: F.i

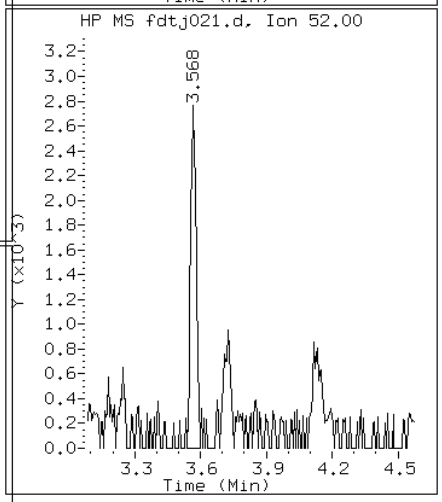
Sample Info: 200-1086-A-1 Operator: wrd

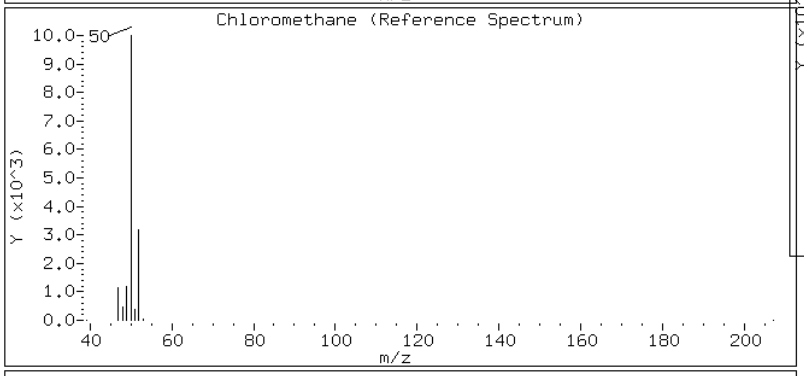
5 Chloromethane

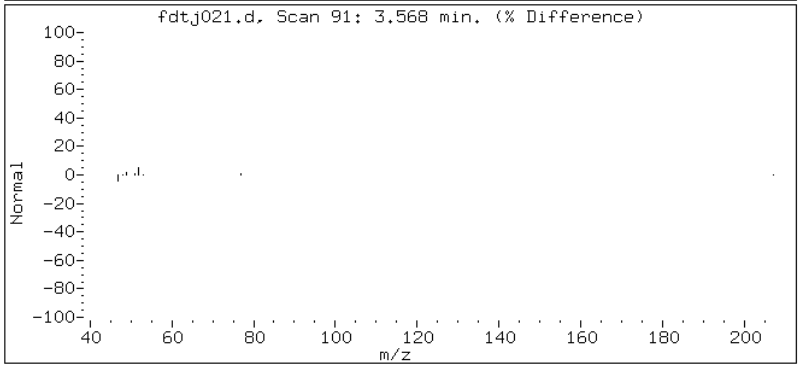












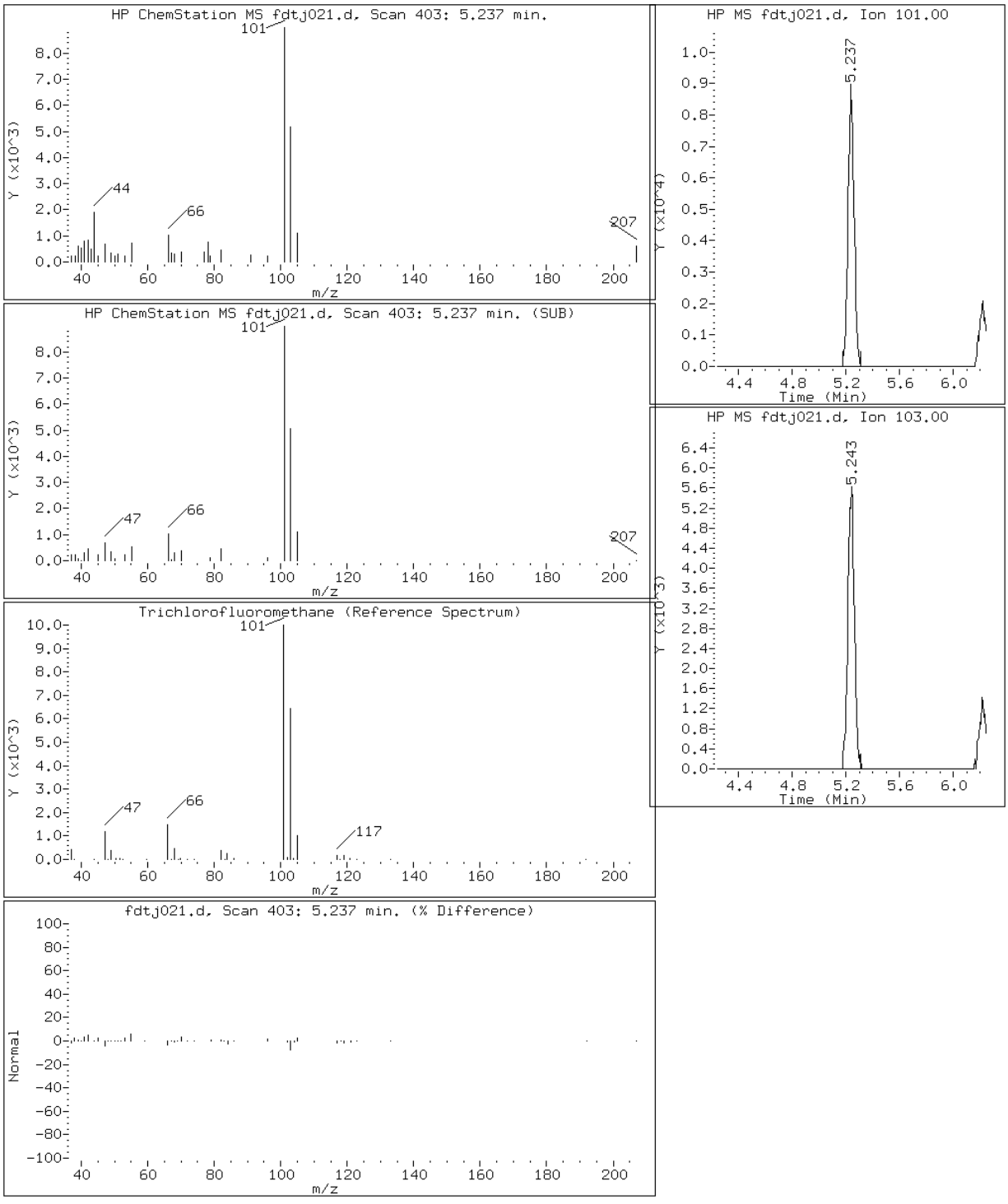
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

13 Trichlorofluoromethane



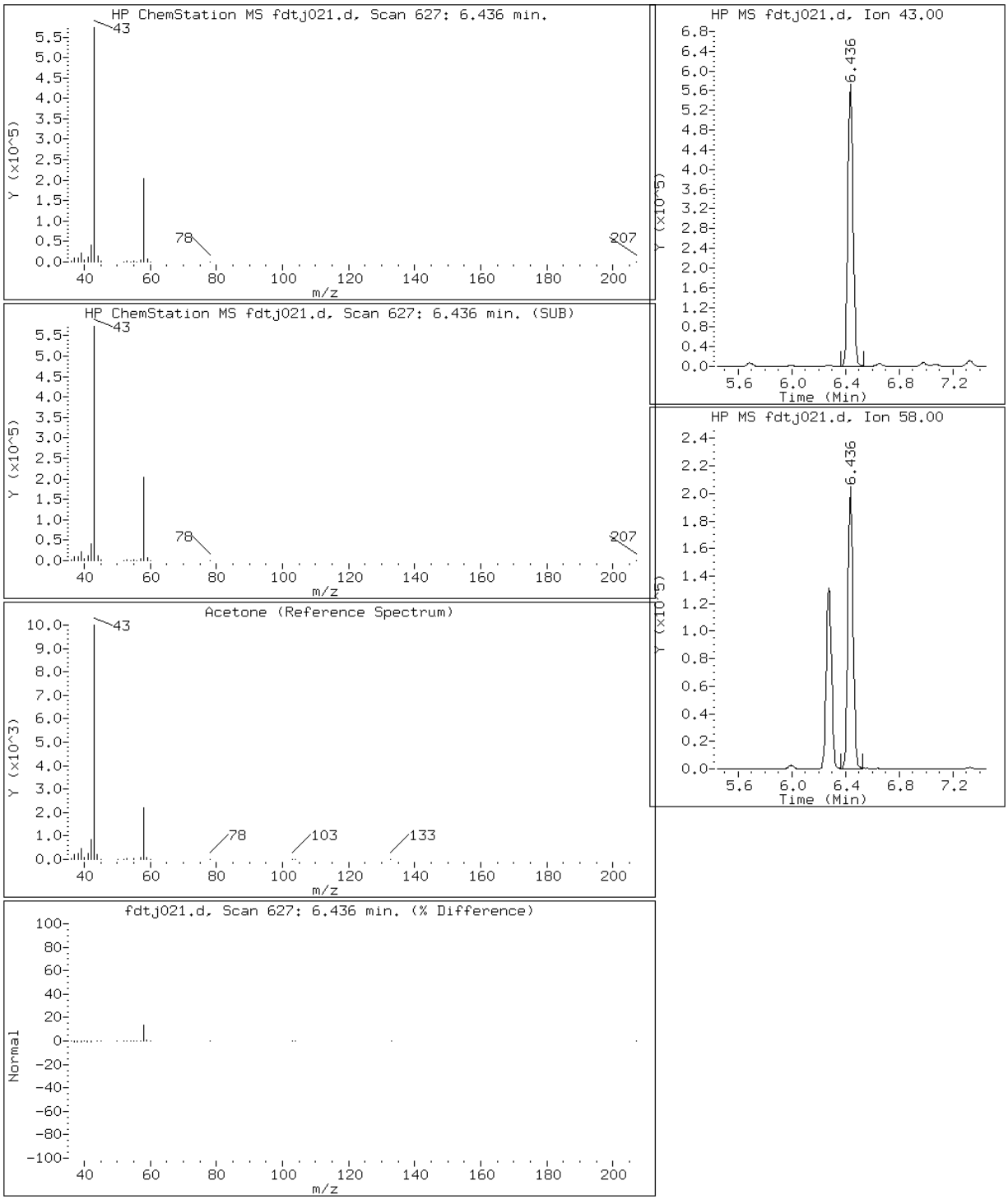
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

20 Acetone



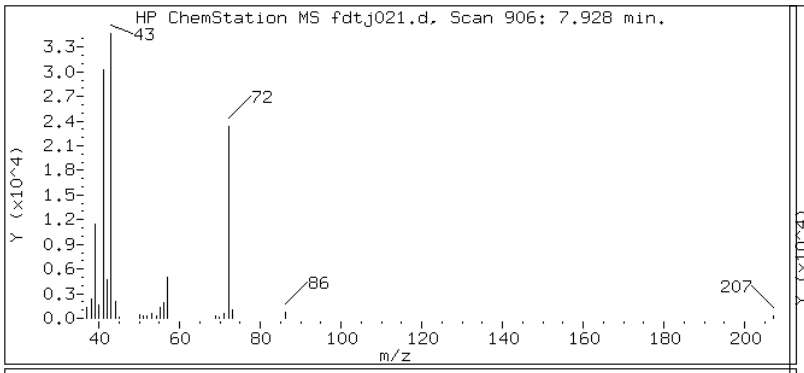
Data File: fdtj021.d

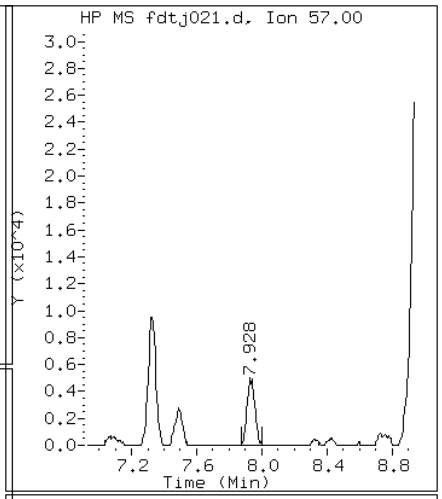
Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

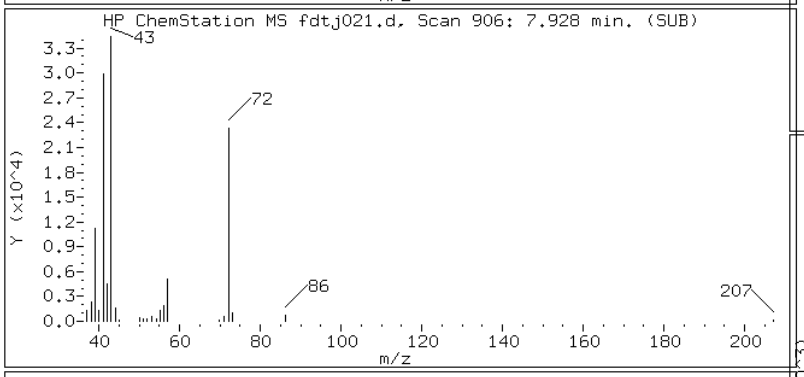
Client ID: CE-AA Instrument: F.i

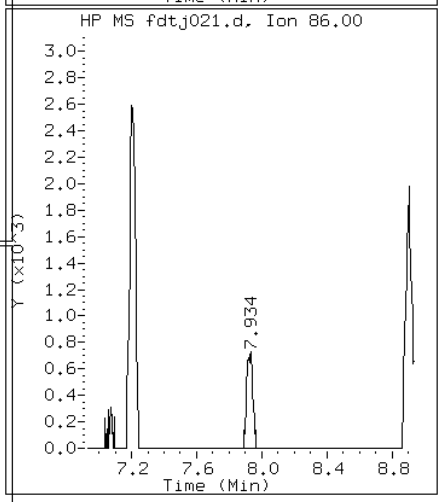
Sample Info: 200-1086-A-1 Operator: wrd

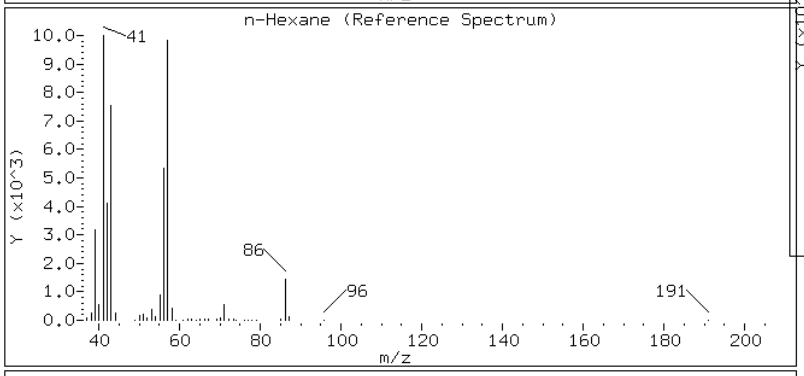
30 n-Hexane

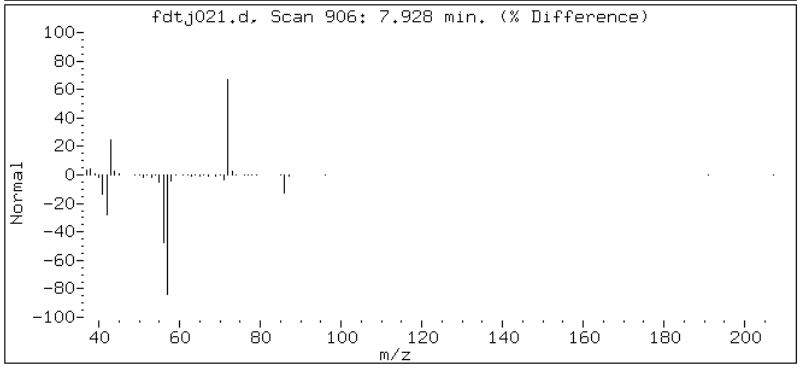












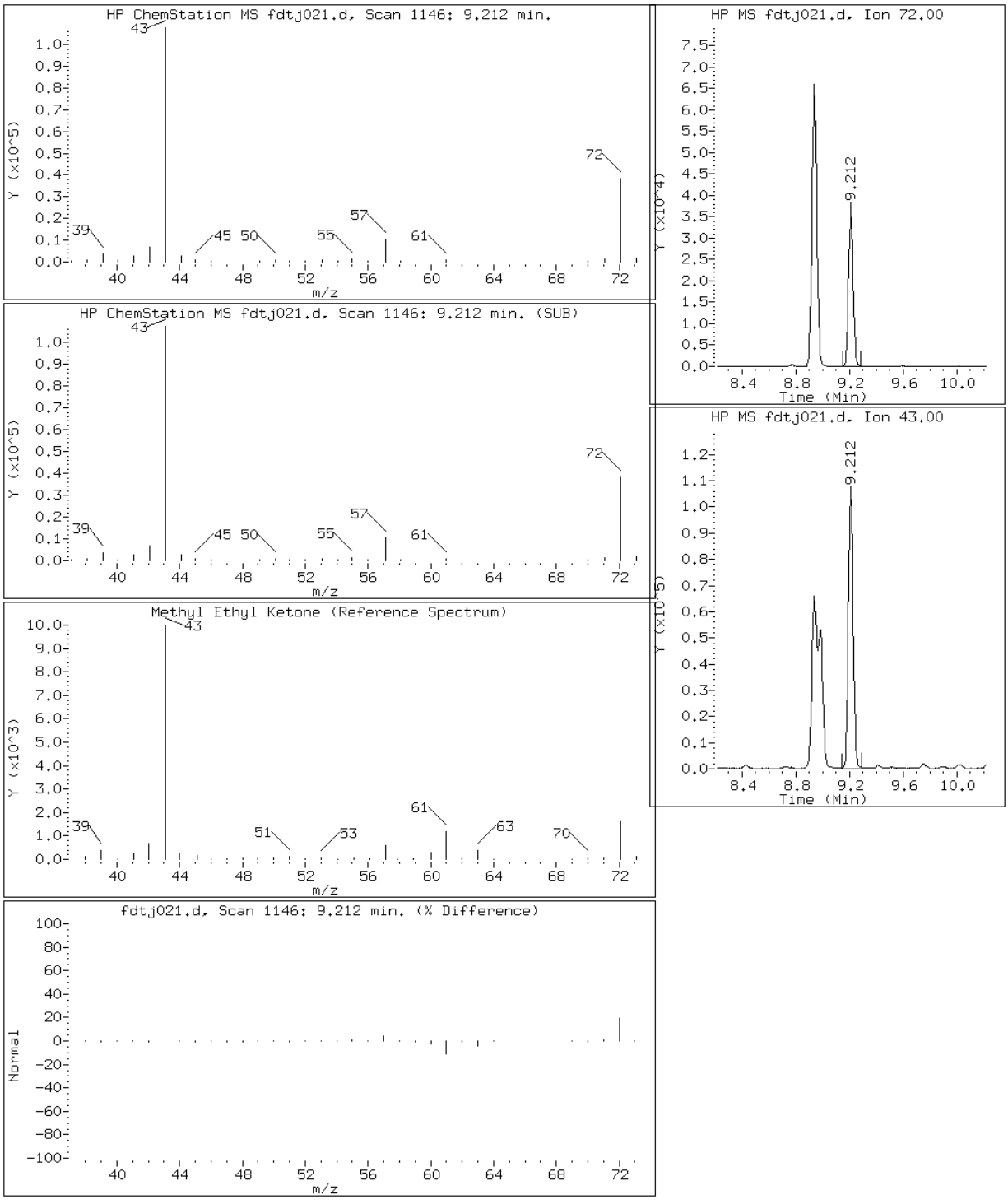
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

36 Methyl Ethyl Ketone



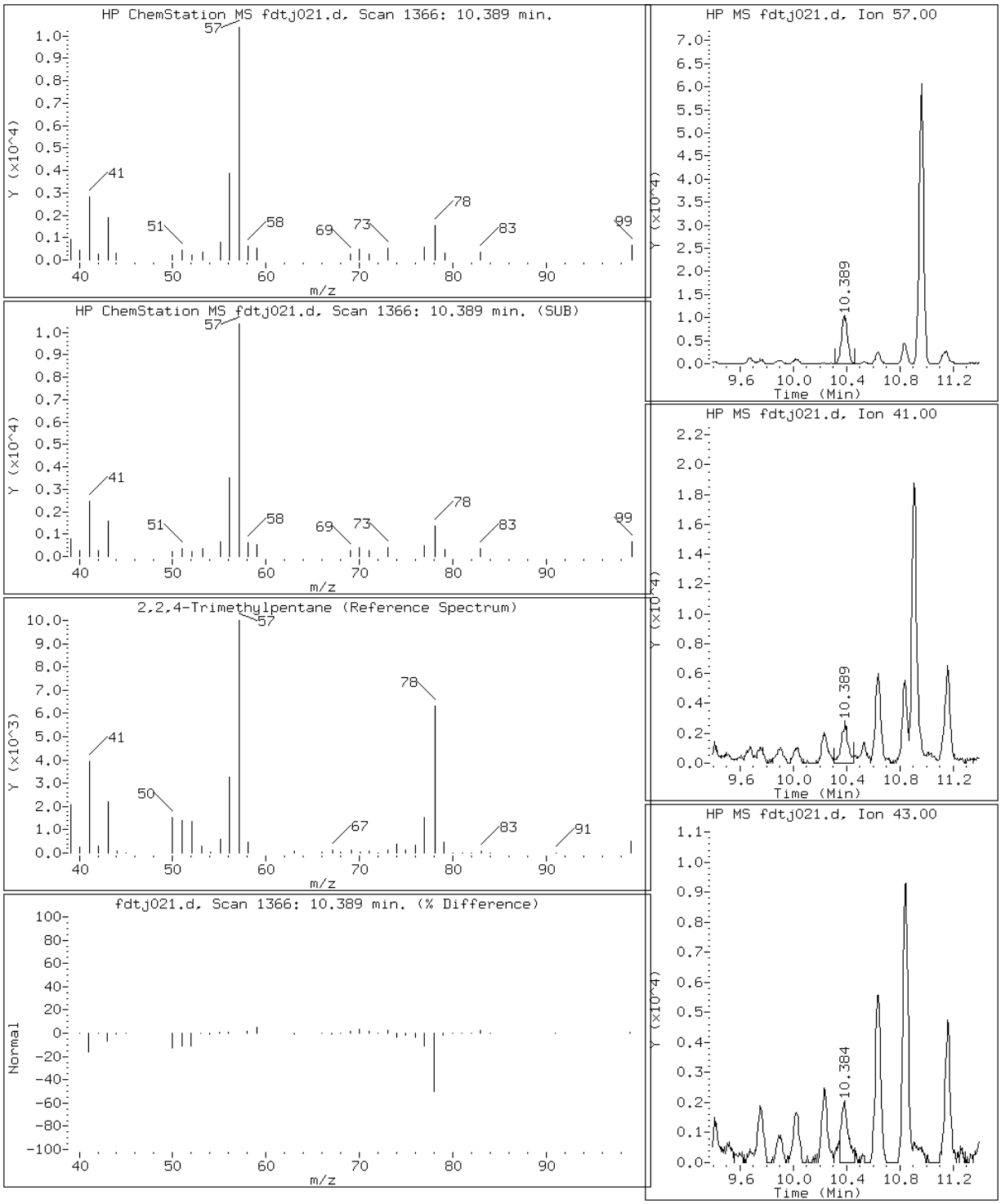
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

43 2,2,4-Trimethylpentane



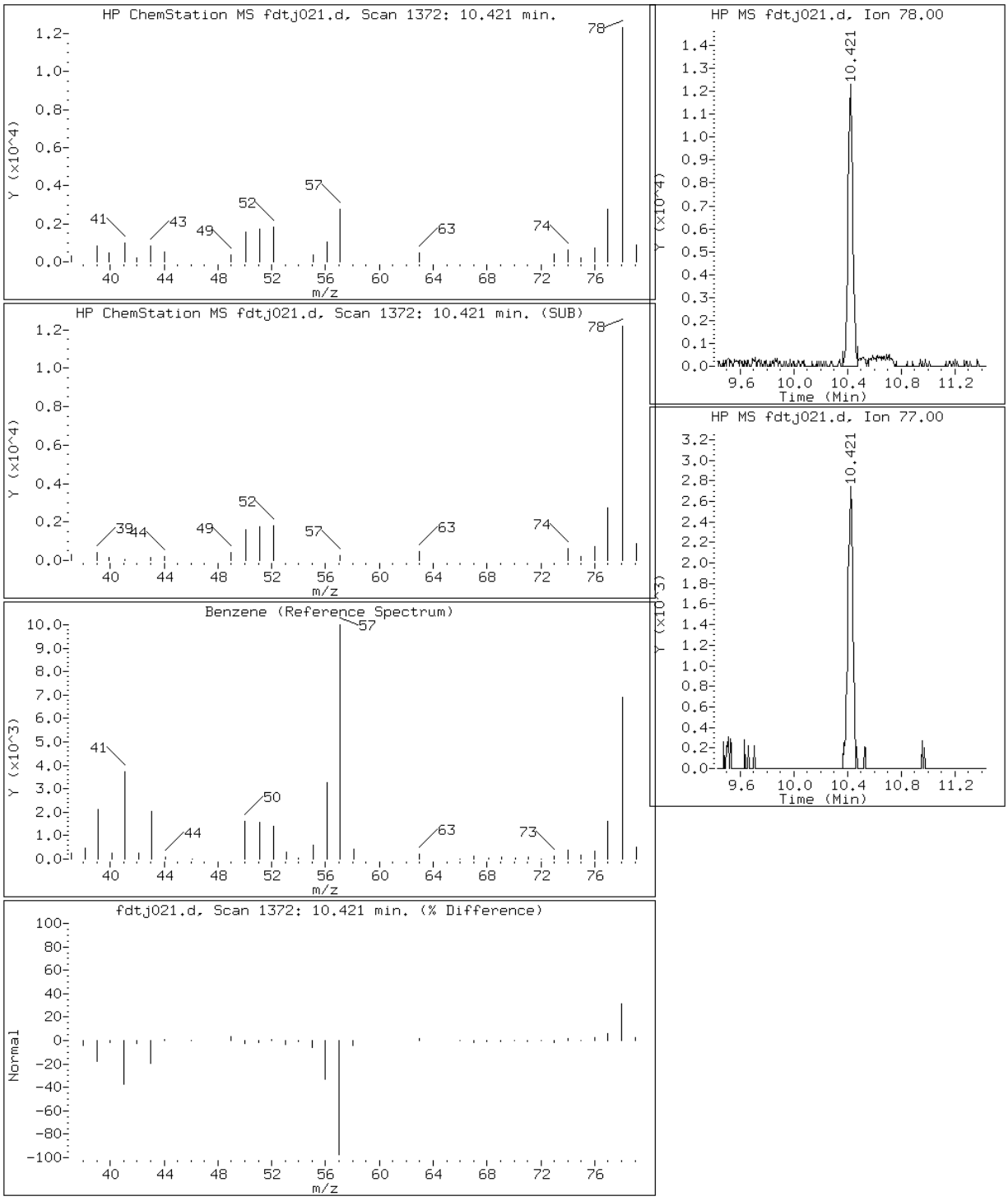
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

44 Benzene



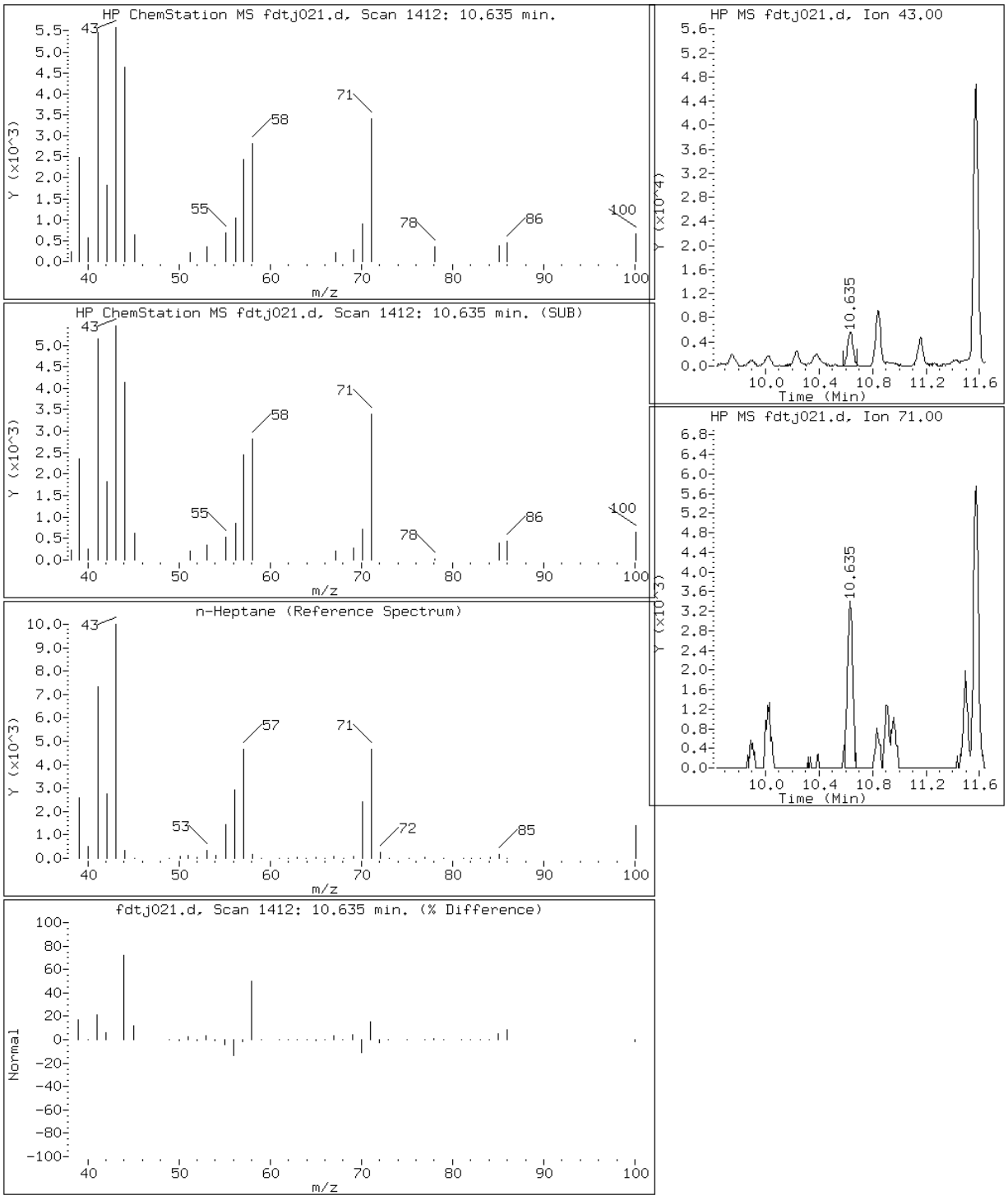
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

46 n-Heptane



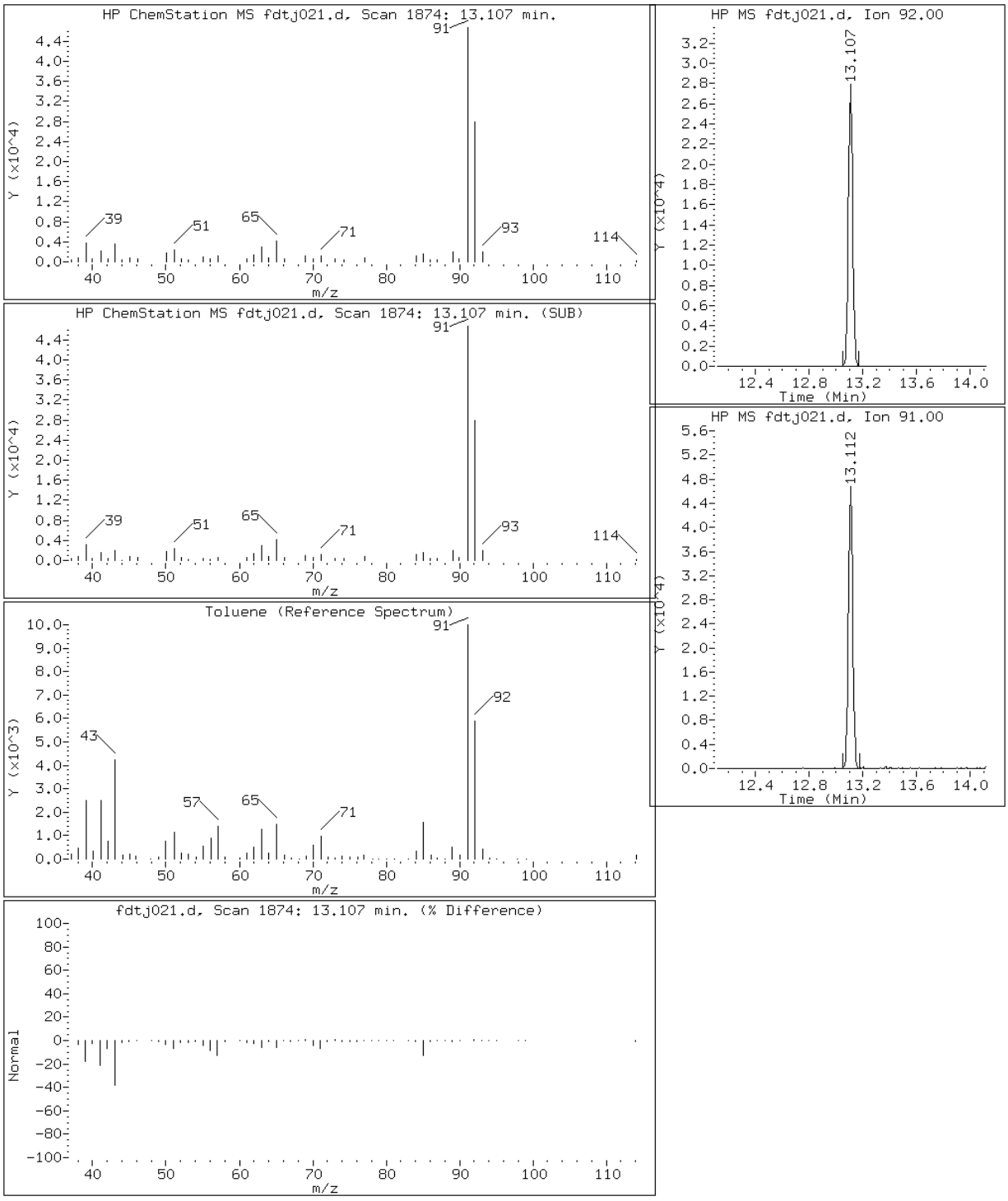
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

58 Toluene



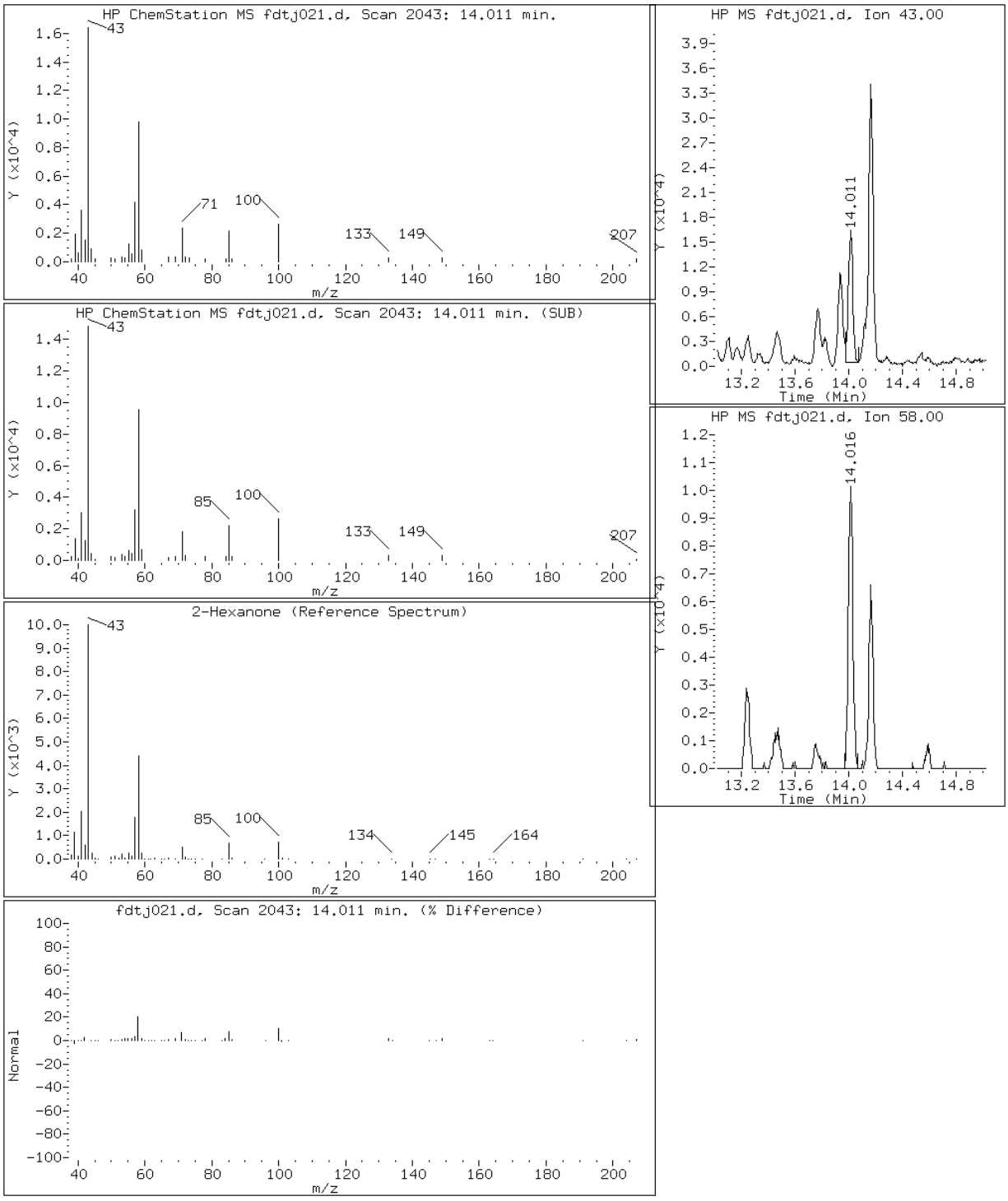
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

62 2-Hexanone



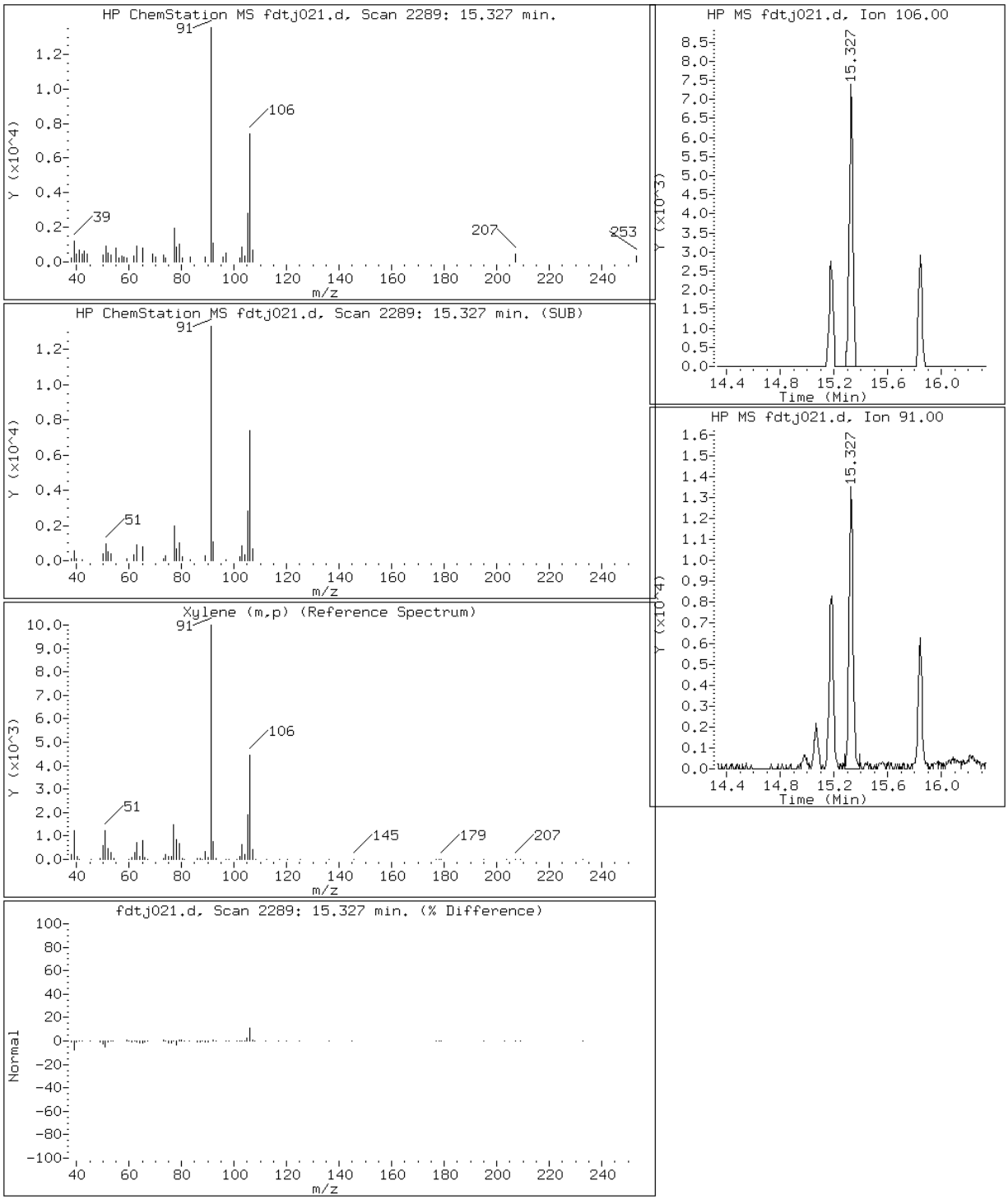
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

69 Xylene (m,p)



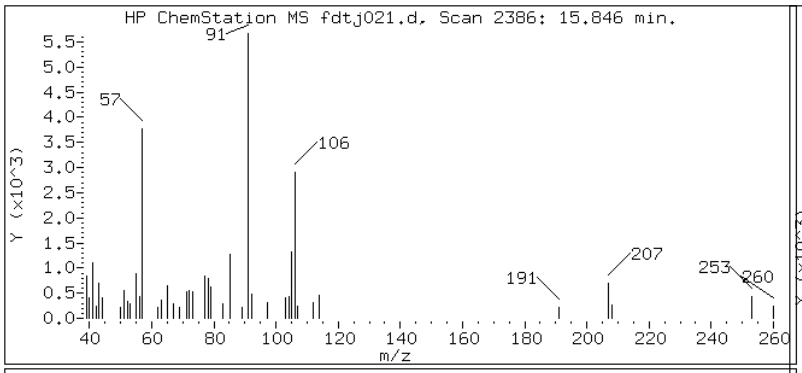
Data File: fdtj021.d

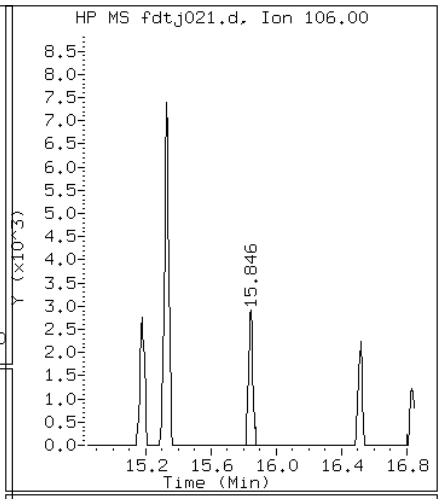
Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

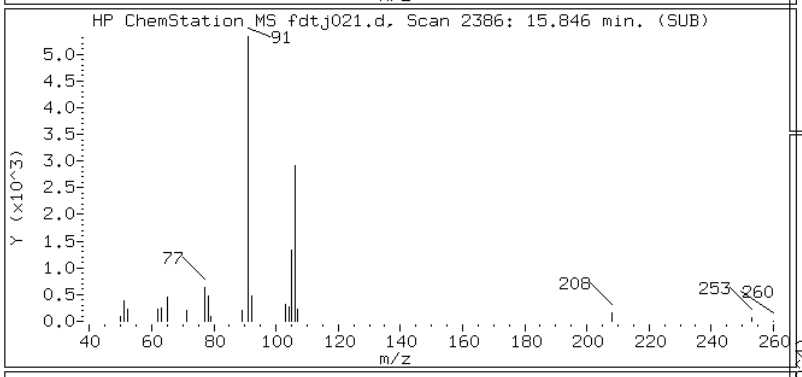
Client ID: CE-AA Instrument: F.i

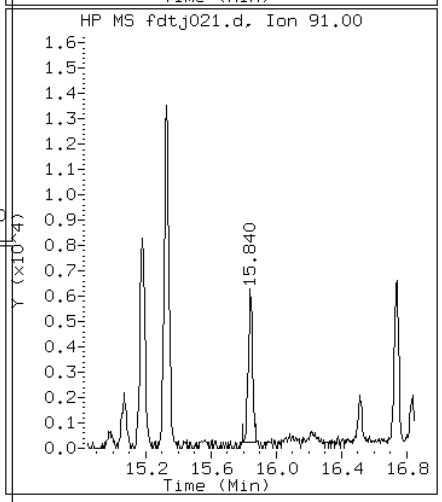
Sample Info: 200-1086-A-1 Operator: wrd

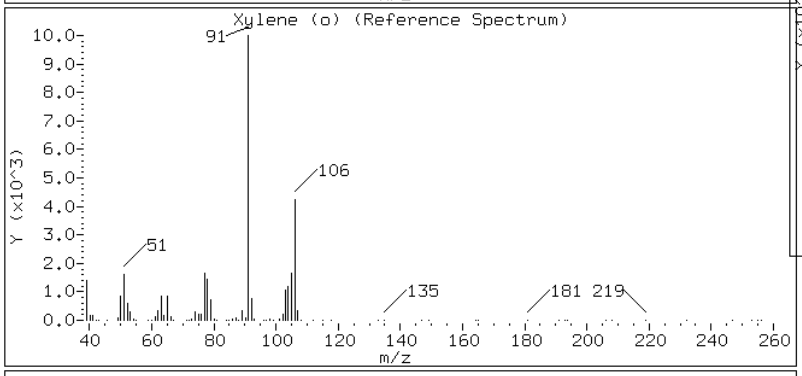
71 Xylene (o)

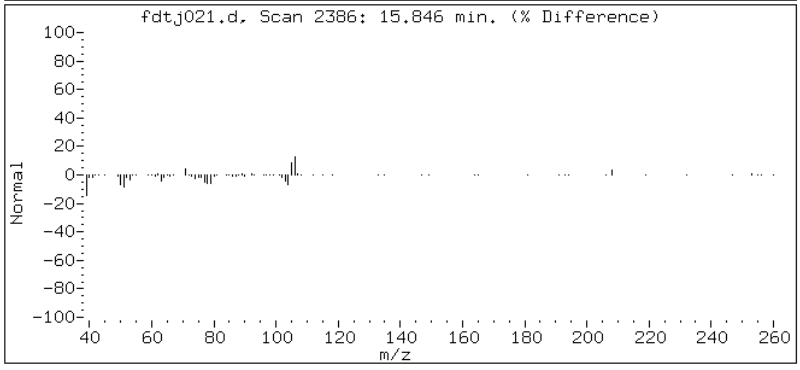












Manual Integration Report

Data File: fdtj021.d
Lab Sample ID: 200-1086-1
Inj. Date and Time: 25-AUG-2010 08:54
Instrument ID: F.i
Client ID: CE-AA
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 08/26/2010

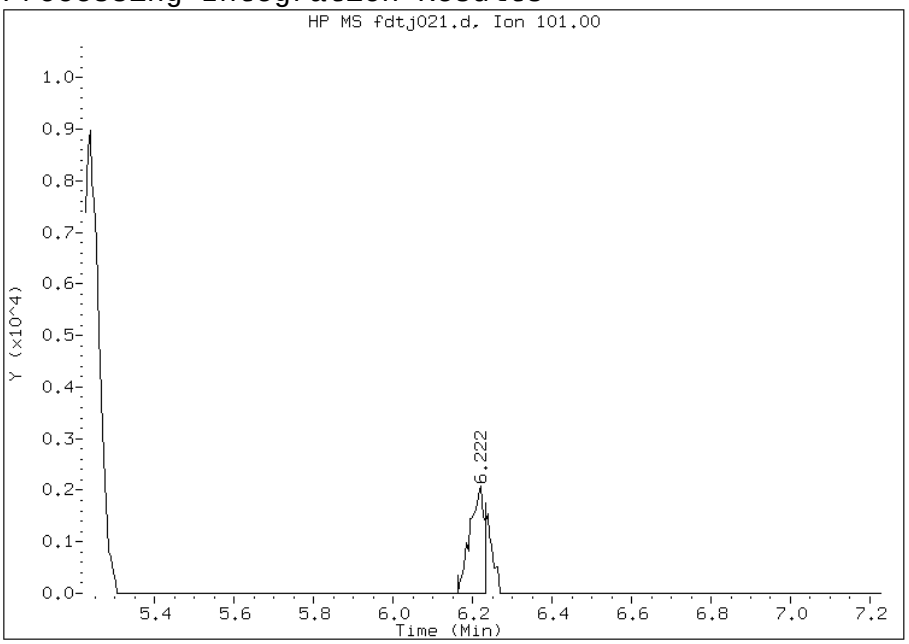
Processing Integration Results

RT: 6.22

Response: 5135

Amount: 0.059738

Conc: 0.059738



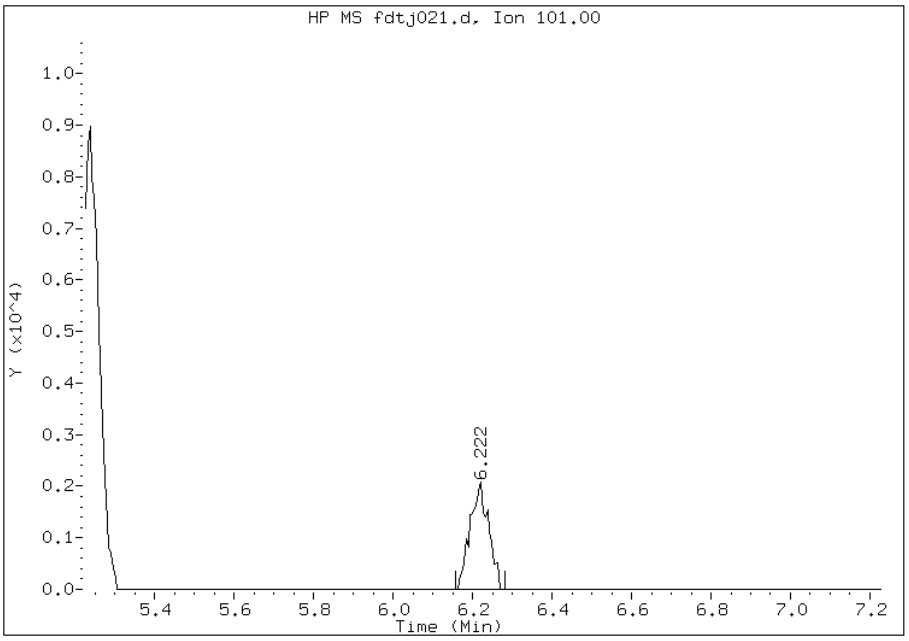
Manual Integration Results

RT: 6.22

Response: 6778

Amount: 0.078851

Conc: 0.078851



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	25	U	25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.065
71-43-2	Benzene	78.11	1.0	U	1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	1.0	U	1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0	U	1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.7		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	1.0	U	1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.5	U	2.5	0.12
95-47-6	Xylene, o-	106.17	1.9		1.0	0.25
1330-20-7	Xylene (total)	106.17	3.5		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	2.1		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0	U	1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	59	U	59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	3.4	U	3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.30
71-43-2	Benzene	78.11	3.2	U	3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	4.1	U	4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.8	U	6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	4.3	U	4.3	0.30
179601-23-1	m,p-Xylene	106.17	11	U	11	0.50
95-47-6	Xylene, o-	106.17	8.2		4.3	1.1
1330-20-7	Xylene (total)	106.17	15		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	10		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	4.9	U	4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-2
Client Smp ID: CE-VAPOR-1
Inj Date : 25-AUG-2010 09:45
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-2
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 5
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	9958	0.10577	0.53(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	6542	0.05657	0.28(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
21 Carbon disulfide	76	6.698	6.698	(0.700)	26580	0.20600	1.0(a)
22 Isopropanol	45	Compound Not Detected.					

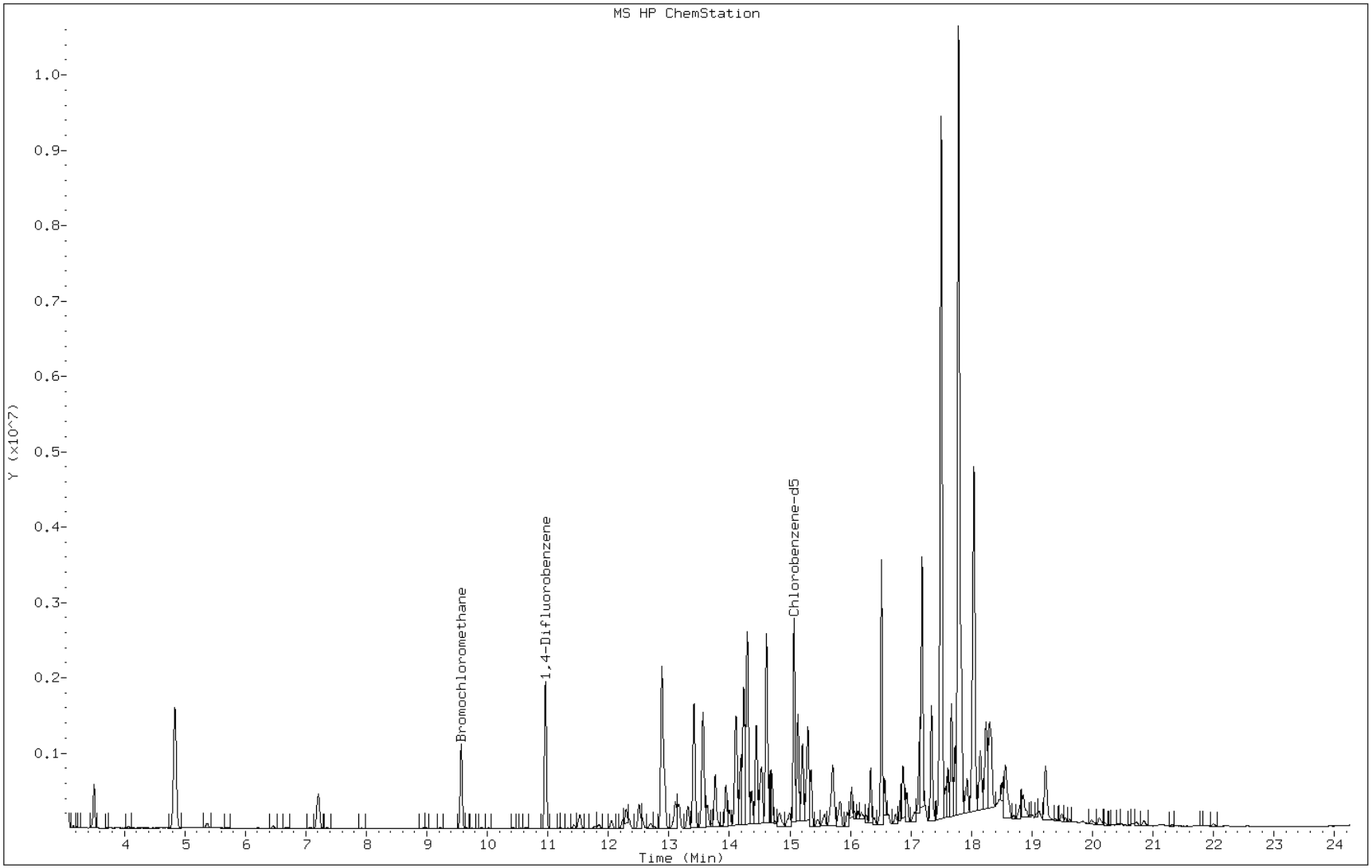
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.201	7.211	(0.752)	5525	0.14146	0.71(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	4107	0.06624	0.33(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.964)	4017	0.18919	0.95(aQ)
*	37 Bromochloromethane	128	9.570	9.581	(1.000)	438535	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.645	9.651	(1.008)	12320	0.12475	0.62(a)
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.421	10.432	(0.951)	11329	0.07738	0.39(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.640	10.641	(0.971)	8746	0.14420	0.72(a)
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2164315	10.0000	
	49 Trichloroethene	95	11.325	11.331	(1.033)	3468	0.05466	0.27(aQ)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.107	13.118	(0.870)	12258	0.12308	0.62(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	14282	0.17959	0.90(a)
	62 2-Hexanone	43	14.005	14.022	(0.929)	37563	0.54343	2.7(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2017713	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	43339	0.19140	0.96(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	27512	0.31323	1.6(aQ)
M	70 Xylenes, Total	106				60538	0.69049	3.5
	71 Xylene (o)	106	15.846	15.846	(1.051)	33026	0.37726	1.9
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	26682	0.09914	0.50(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	91640	0.41539	2.1
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	40776	0.18066	0.90(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtj022.d	Date:	25-AUG-2010 09:45
Client ID:	CE-VAPOR-1	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-2		
Lab Sample ID:	200-1086-2		



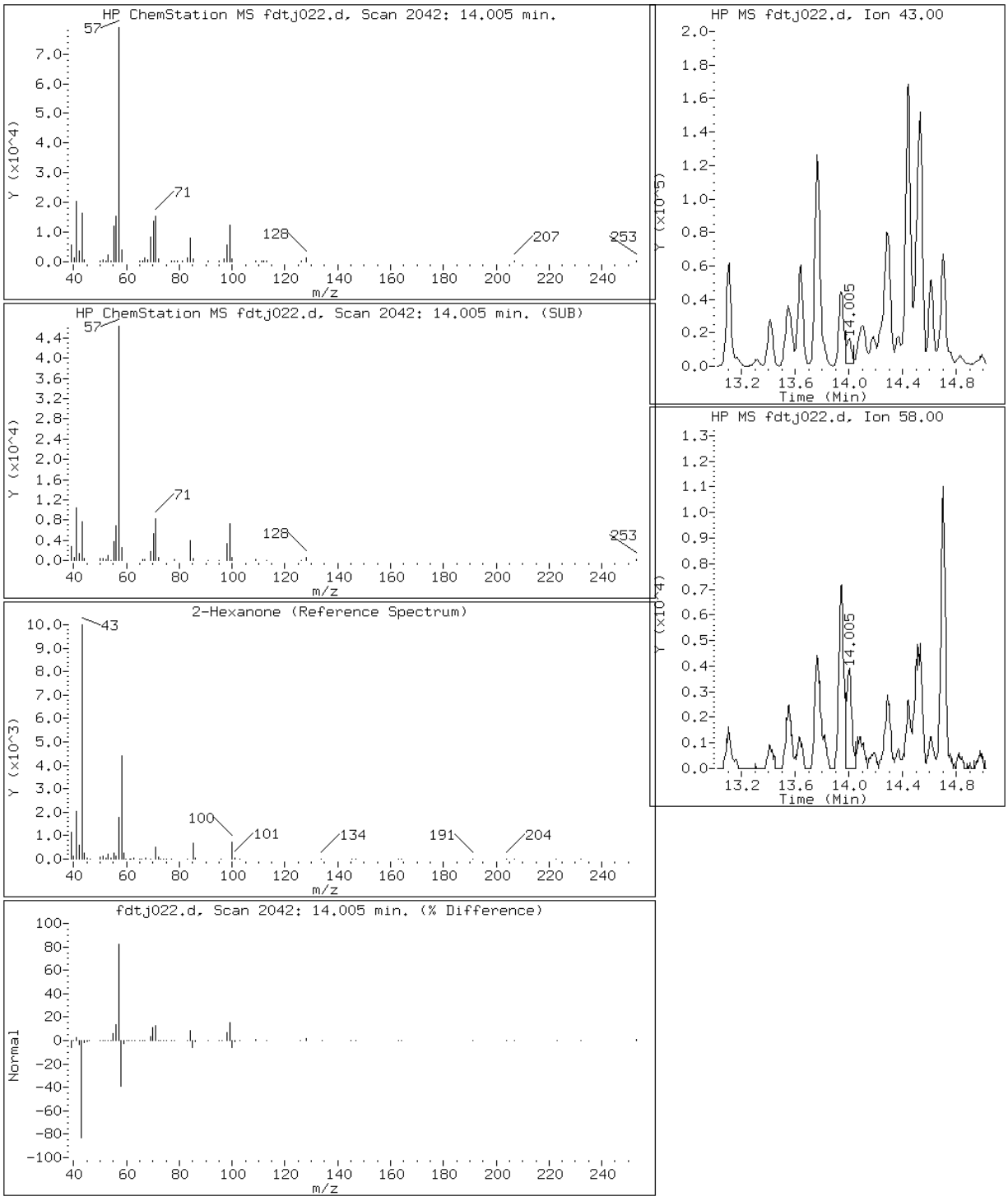
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

62 2-Hexanone



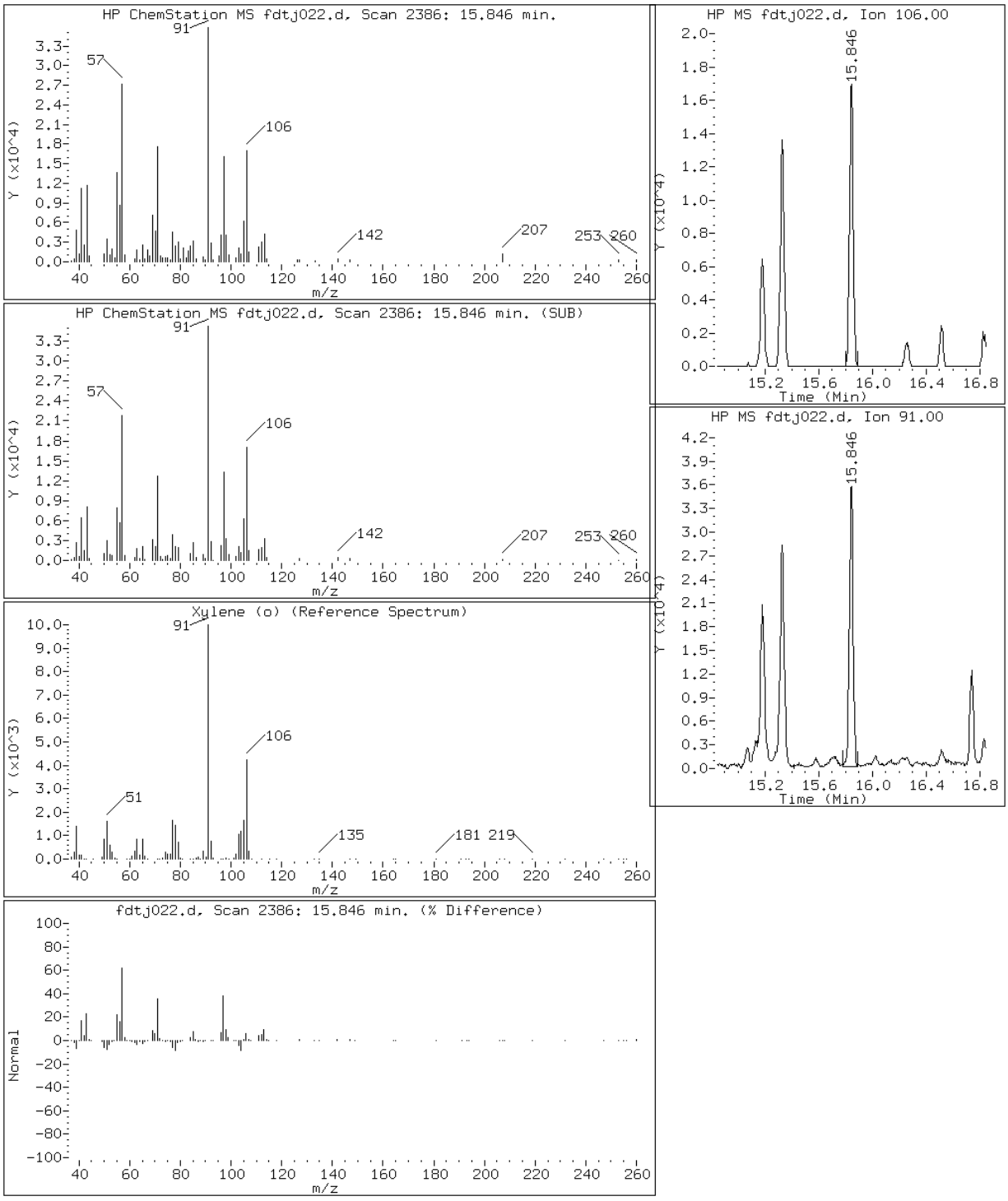
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

71 Xylene (o)



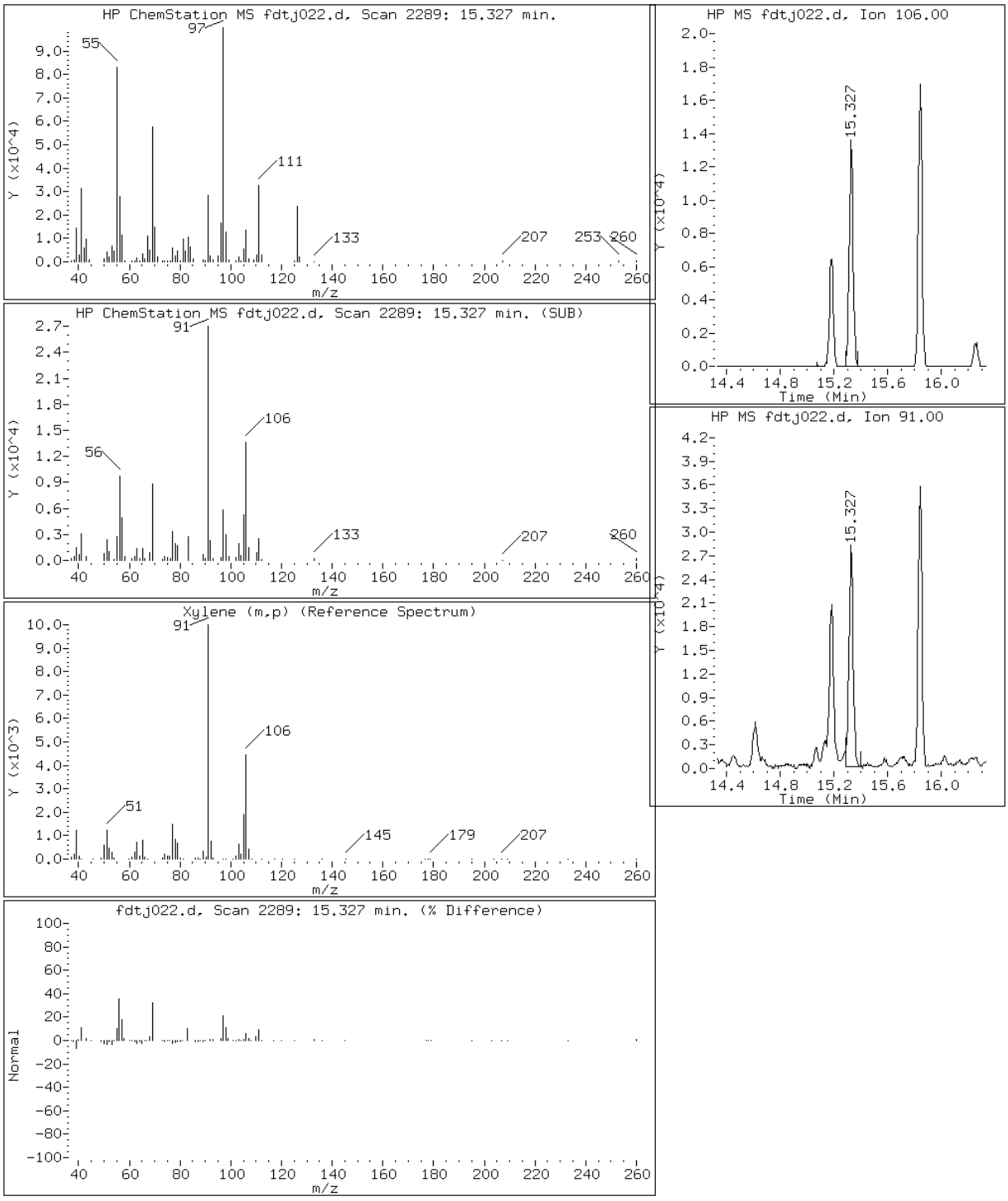
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

69 Xylene (m,p)



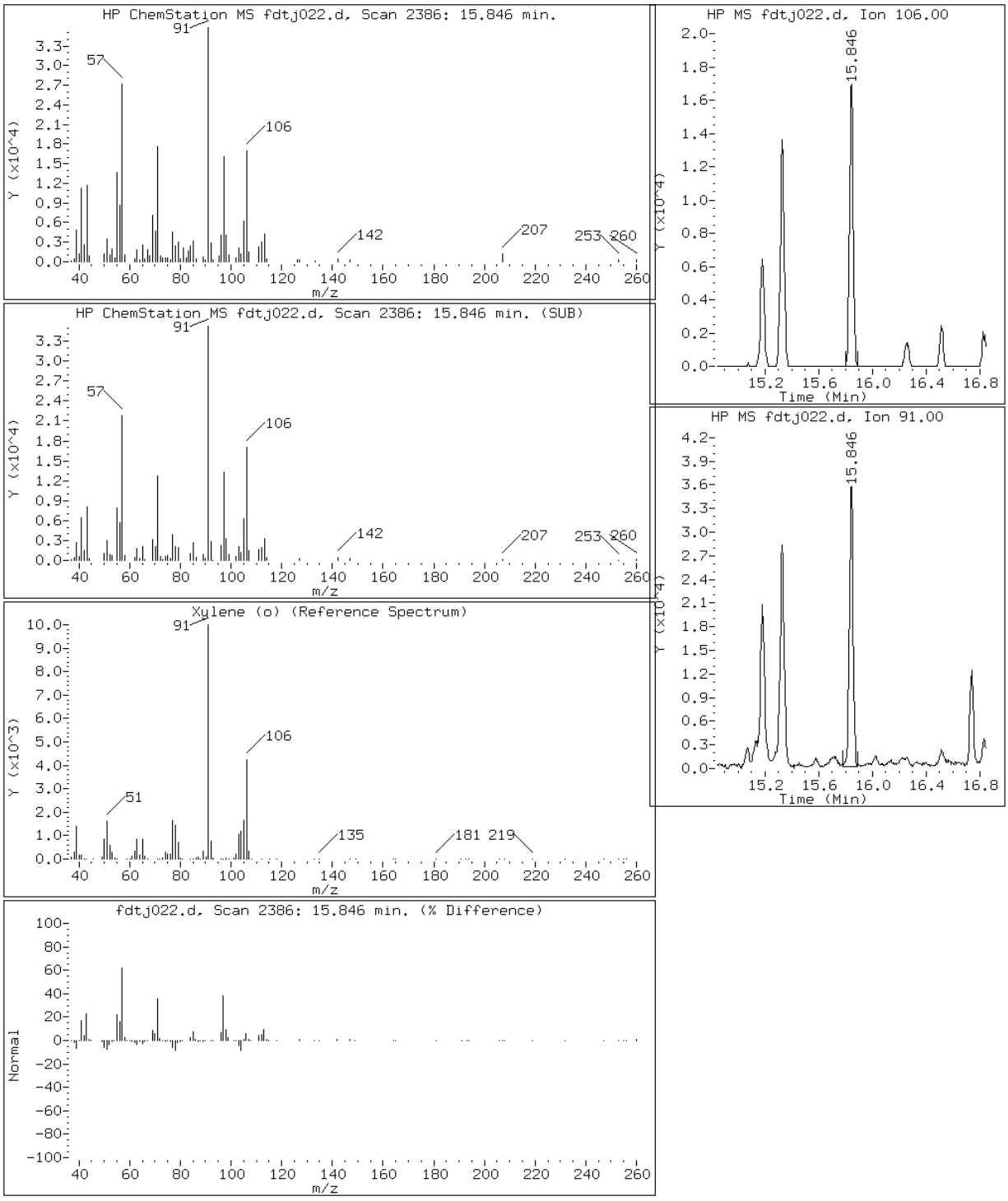
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

71 Xylene (o)



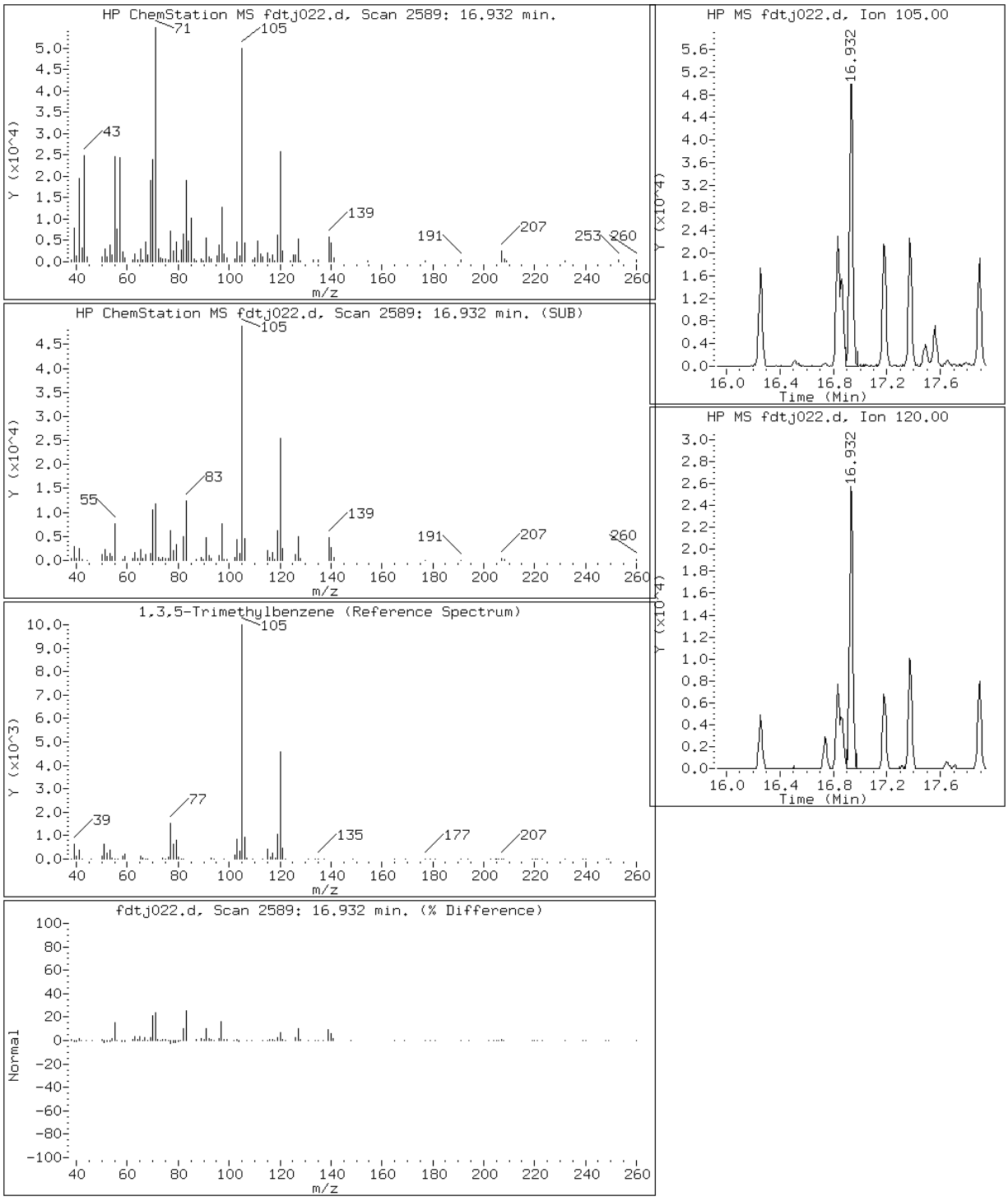
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

81 1,3,5-Trimethylbenzene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	34		25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	7.0		2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.6		1.0	0.065
71-43-2	Benzene	78.11	1.0		1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	4.3		1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0		1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.8		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	1.0	U	1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.5	U	2.5	0.12
95-47-6	Xylene, o-	106.17	1.0	U	1.0	0.25
1330-20-7	Xylene (total)	106.17	2.0		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.2		1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	2.7		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.2		1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	81		59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	21		7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	3.4	U	3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	7.5		4.7	0.30
71-43-2	Benzene	78.11	3.3		3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	18		4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.9		6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	40		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	4.3	U	4.3	0.30
179601-23-1	m,p-Xylene	106.17	11	U	11	0.50
95-47-6	Xylene, o-	106.17	4.3	U	4.3	1.1
1330-20-7	Xylene (total)	106.17	8.8		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	5.8		4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	13		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	5.7		4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-3
Client Smp ID: CE-VAPOR-2
Inj Date : 25-AUG-2010 10:36
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-3
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 6
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.761	4.761	(0.497)	9187	0.45415	2.3(a)
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.232	5.243	(0.546)	5906	0.05026	0.25(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.452	6.446	(0.674)	387862	6.84207	34
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

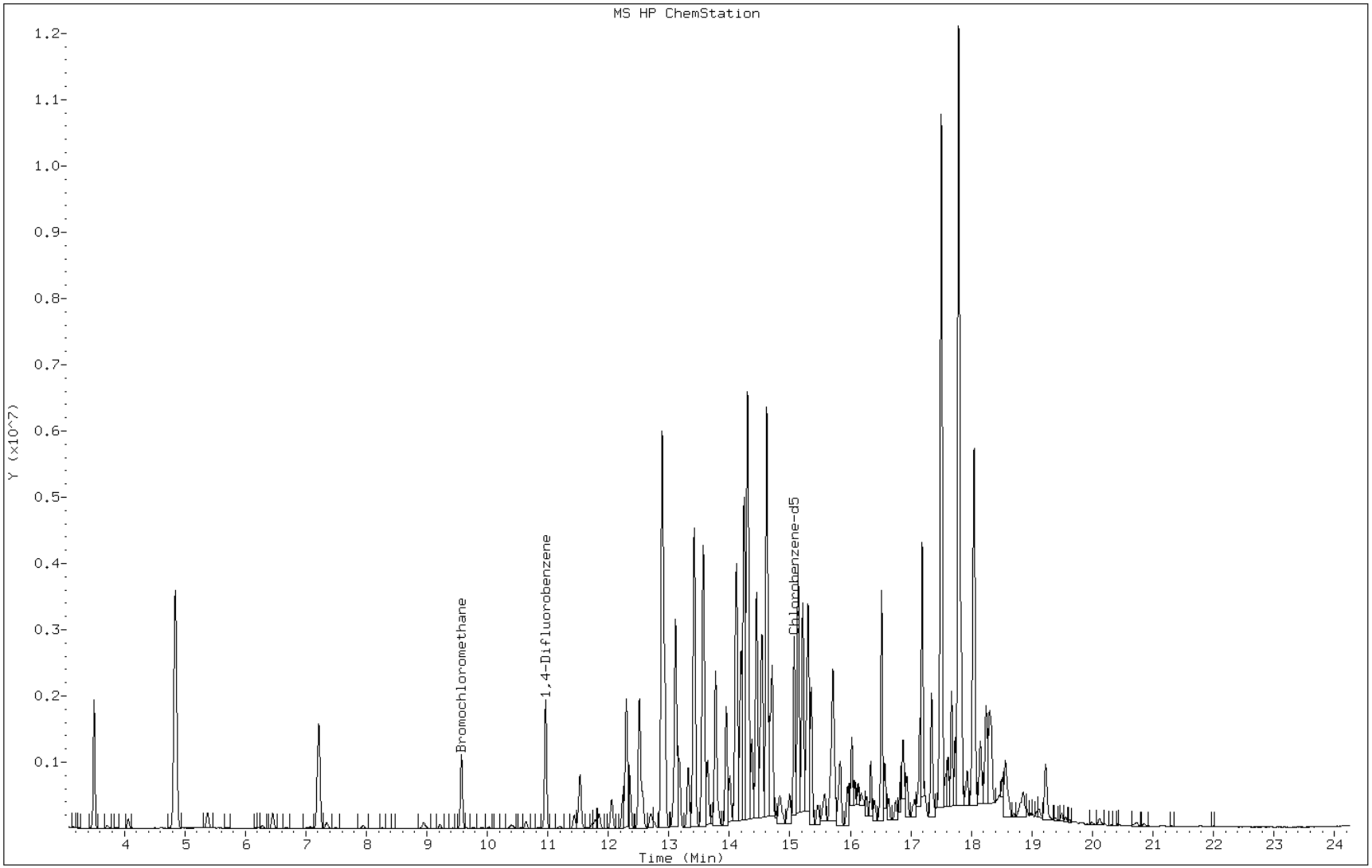
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	7.345	7.329	(0.767)	158312	2.16820	11(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.939	7.934	(0.829)	10027	0.15913	0.80(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.963)	30278	1.40326	7.0(Q)
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	445649	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.651	9.651	(1.008)	10166	0.10129	0.51(a)
	40 Cyclohexane	84	9.908	9.918	(0.903)	7467	0.11810	0.59(aQM)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.395	10.395	(0.948)	61371	0.32091	1.6
	44 Benzene	78	10.427	10.432	(0.951)	30783	0.20704	1.0
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.641	10.641	(0.970)	52848	0.85801	4.3
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2197864	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	15900	0.20382	1.0
	62 2-Hexanone	43	14.011	14.022	(0.930)	132359	1.95212	9.8(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1979206	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.188	15.188	(1.008)	38997	0.17558	0.88(a)
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	17757	0.20610	1.0(aQ)
M	70 Xylenes, Total	106				34803	0.40461	2.0
	71 Xylene (o)	106	15.851	15.846	(1.052)	17046	0.19851	0.99(aQ)
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	62775	0.23779	1.2
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	115995	0.53601	2.7
	84 1,2,4-Trimethylbenzene	105	17.371	17.376	(1.153)	51263	0.23154	1.2
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	6376	0.04125	0.21(aQ)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtj023.d	Date:	25-AUG-2010 10:36
Client ID:	CE-VAPOR-2	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-3		
Lab Sample ID:	200-1086-3		



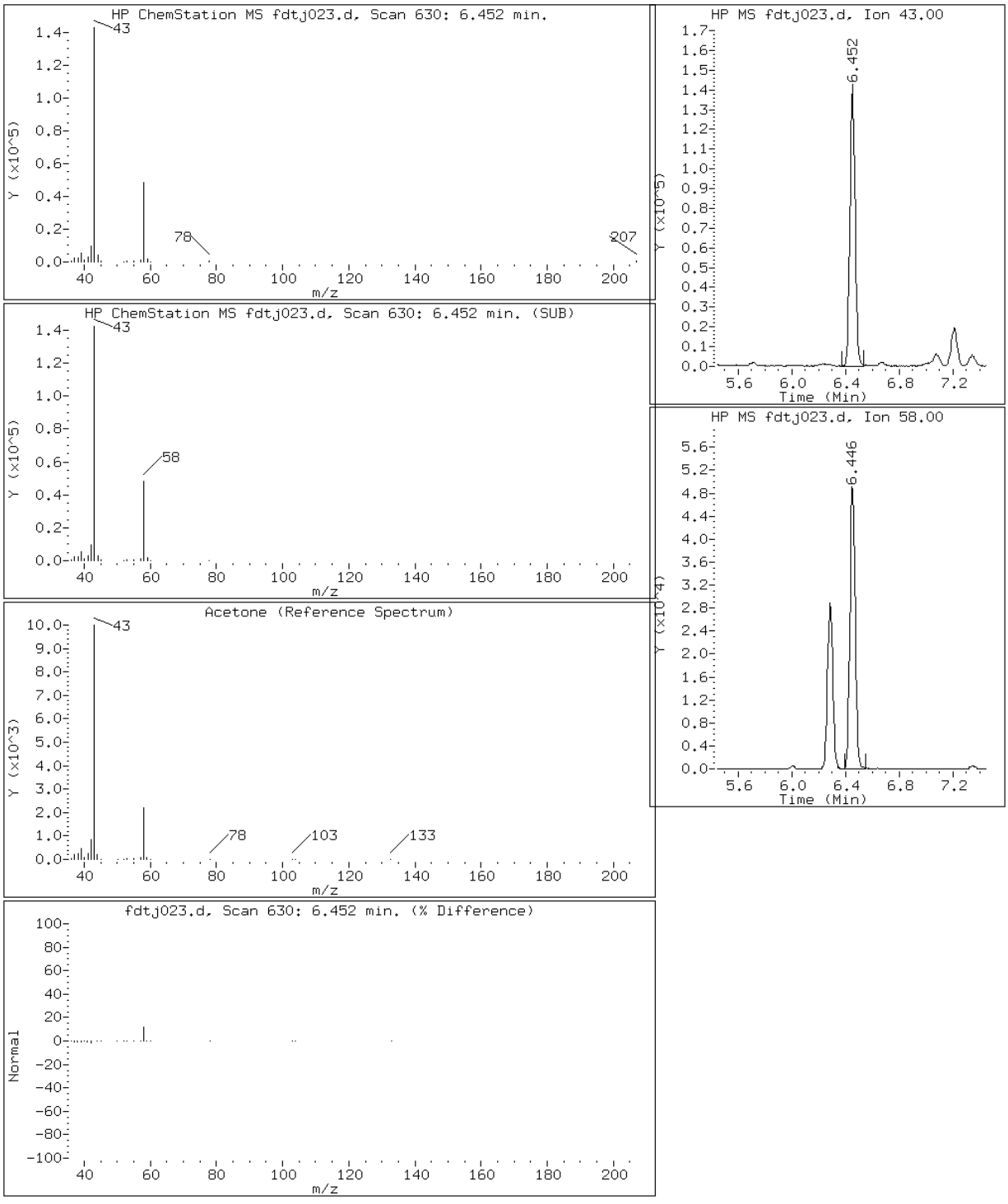
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

20 Acetone



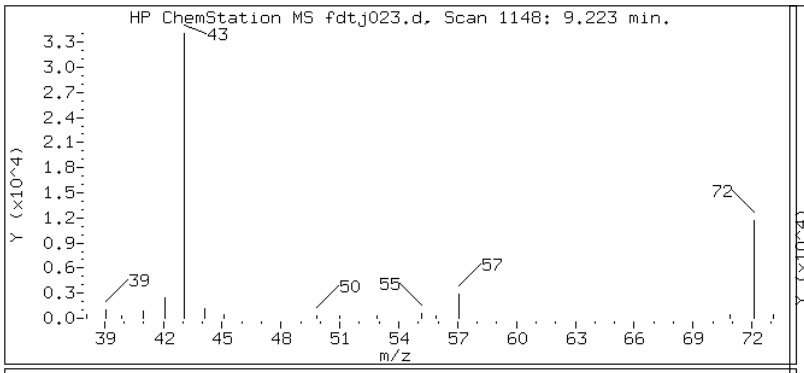
Data File: fdtj023.d

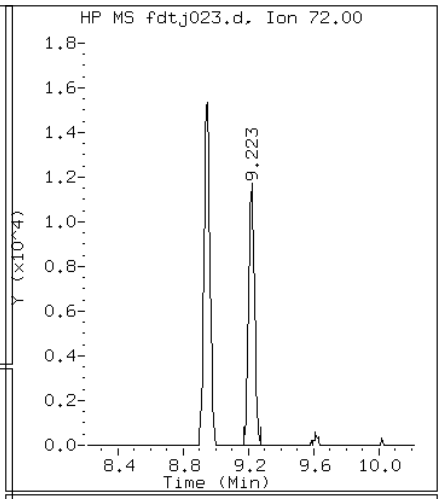
Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

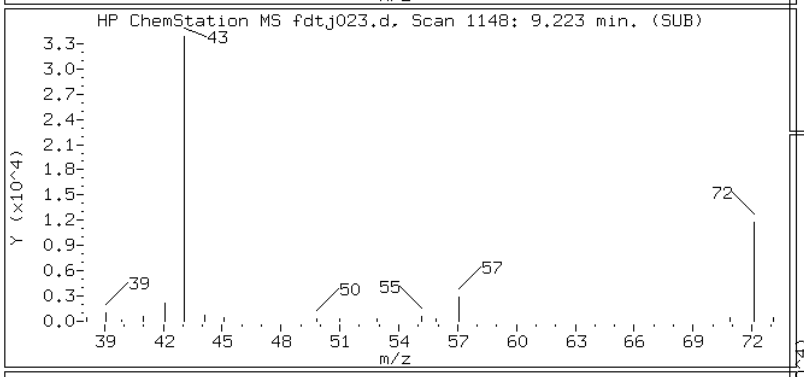
Client ID: CE-VAPOR-2 Instrument: F.i

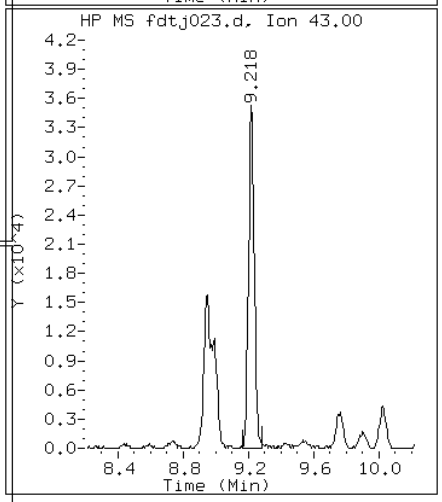
Sample Info: 200-1086-A-3 Operator: wrd

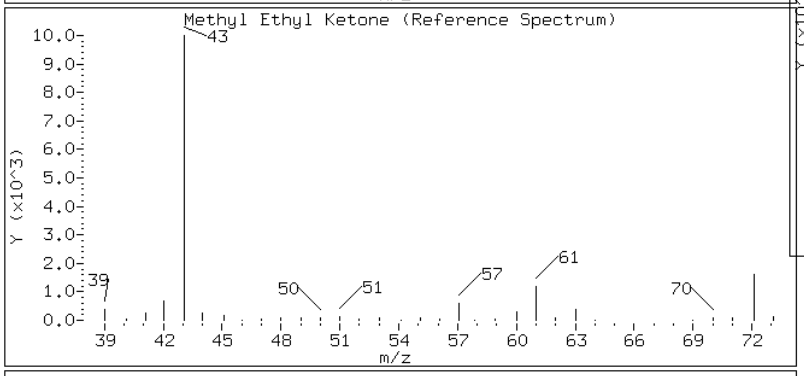
36 Methyl Ethyl Ketone

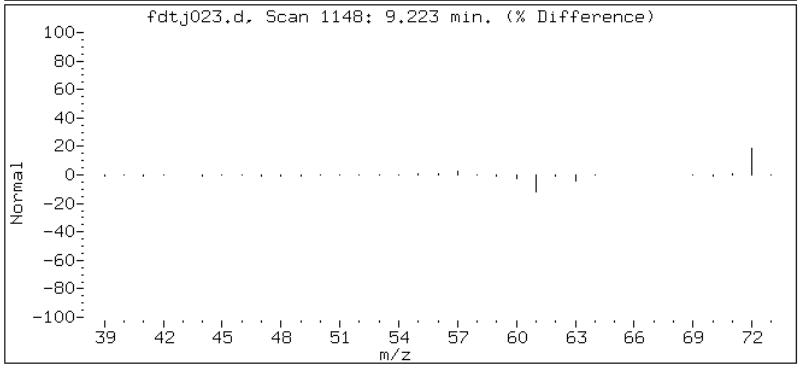












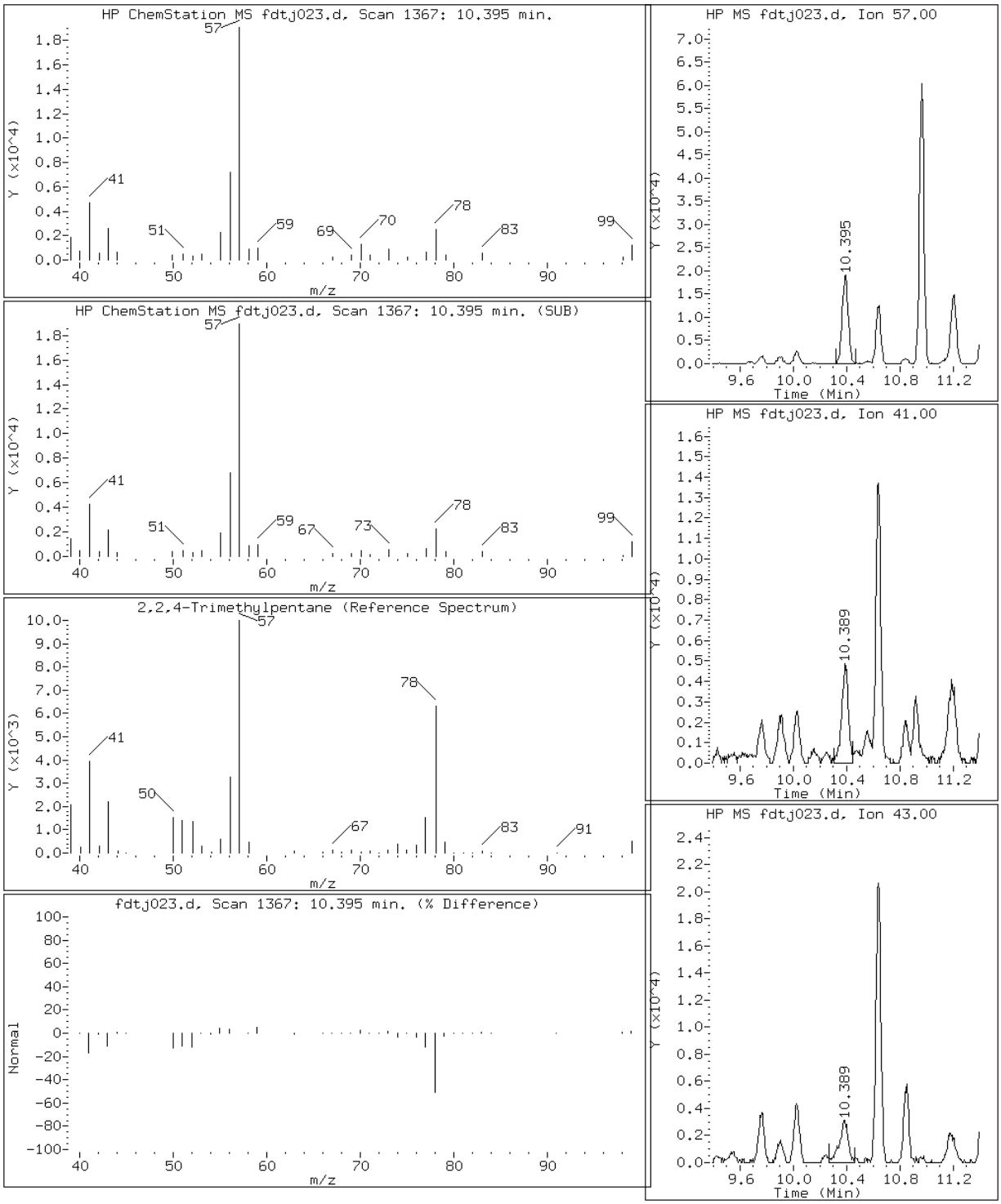
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

43 2,2,4-Trimethylpentane



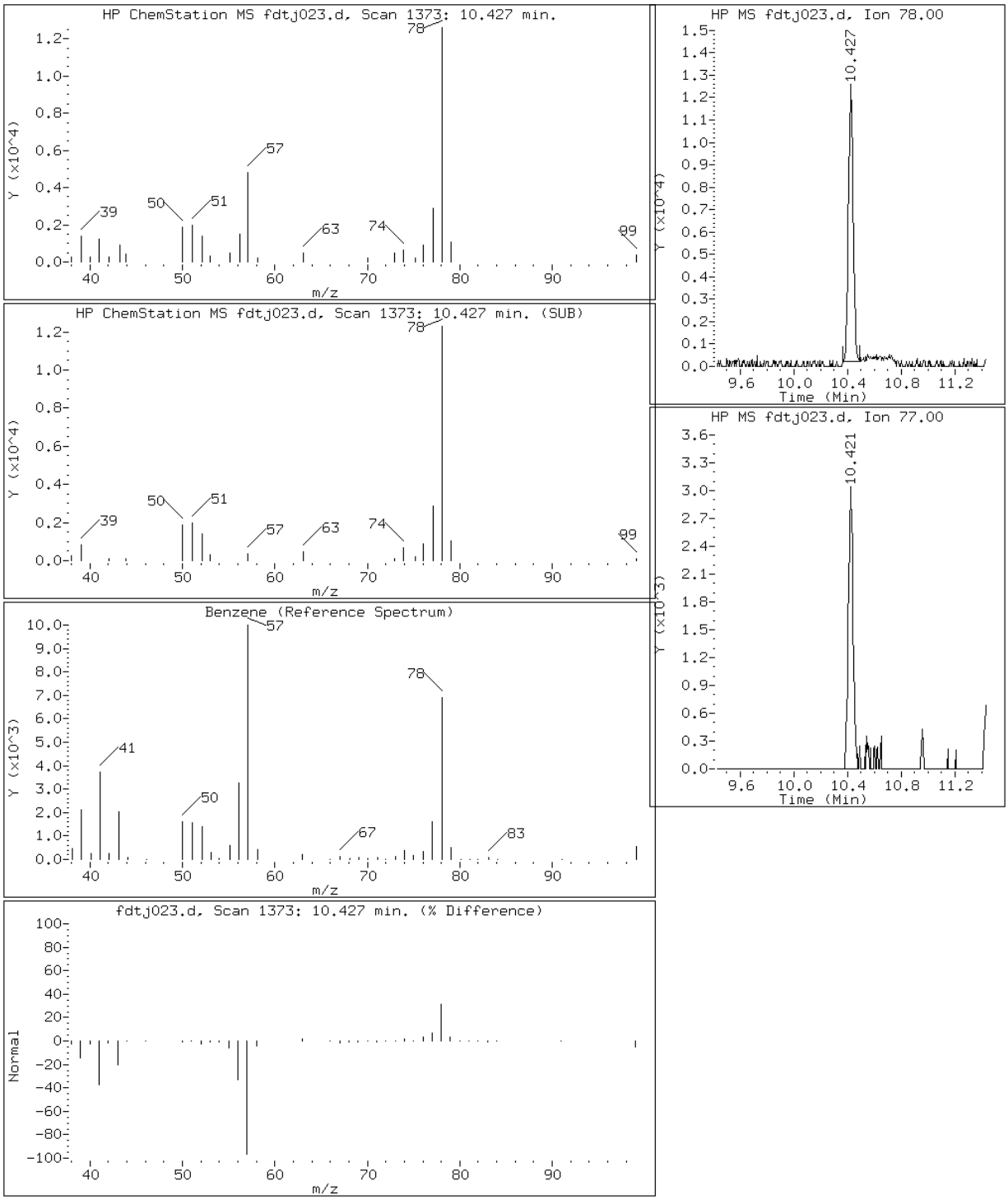
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

44 Benzene



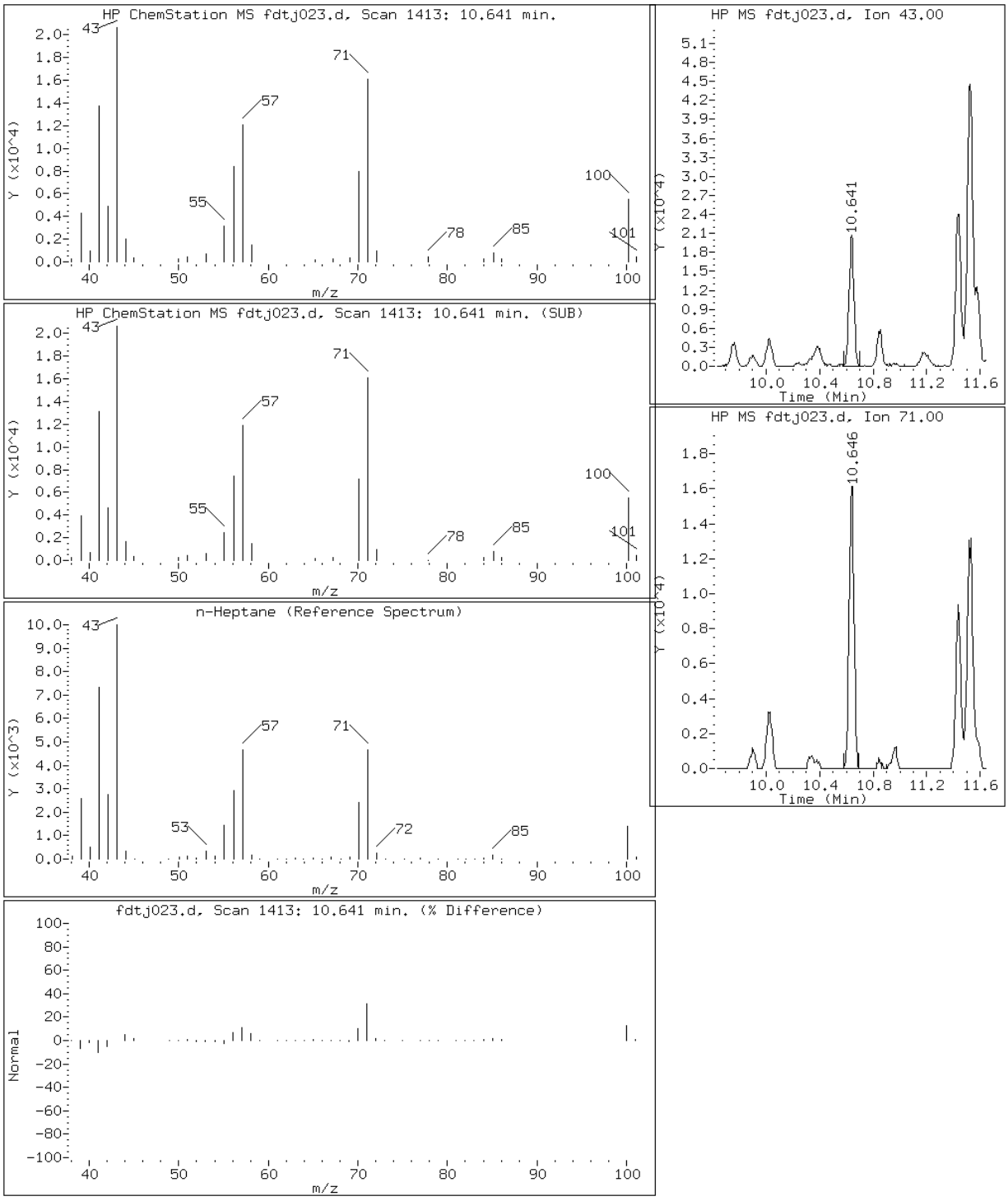
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

46 n-Heptane



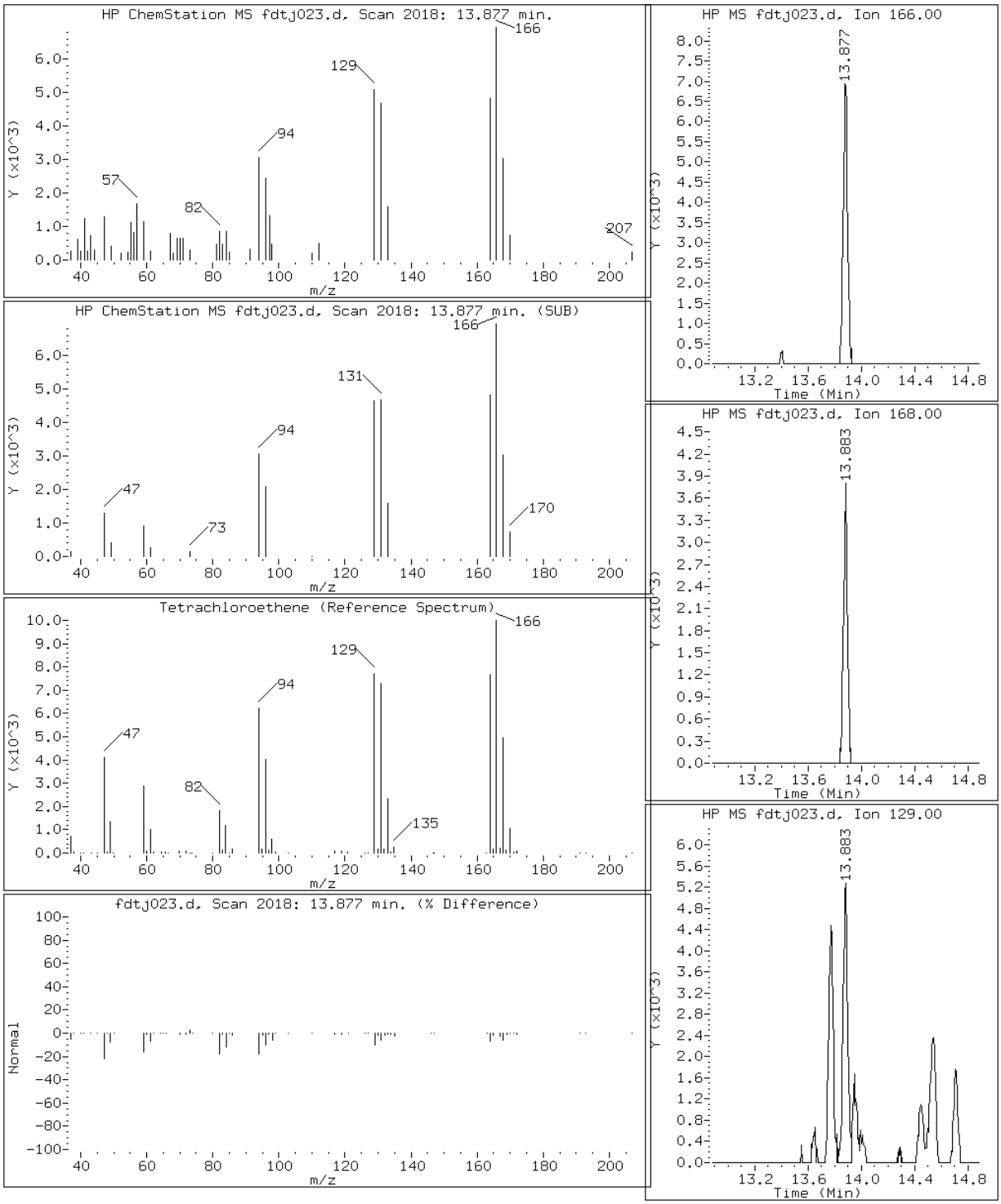
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

61 Tetrachloroethene



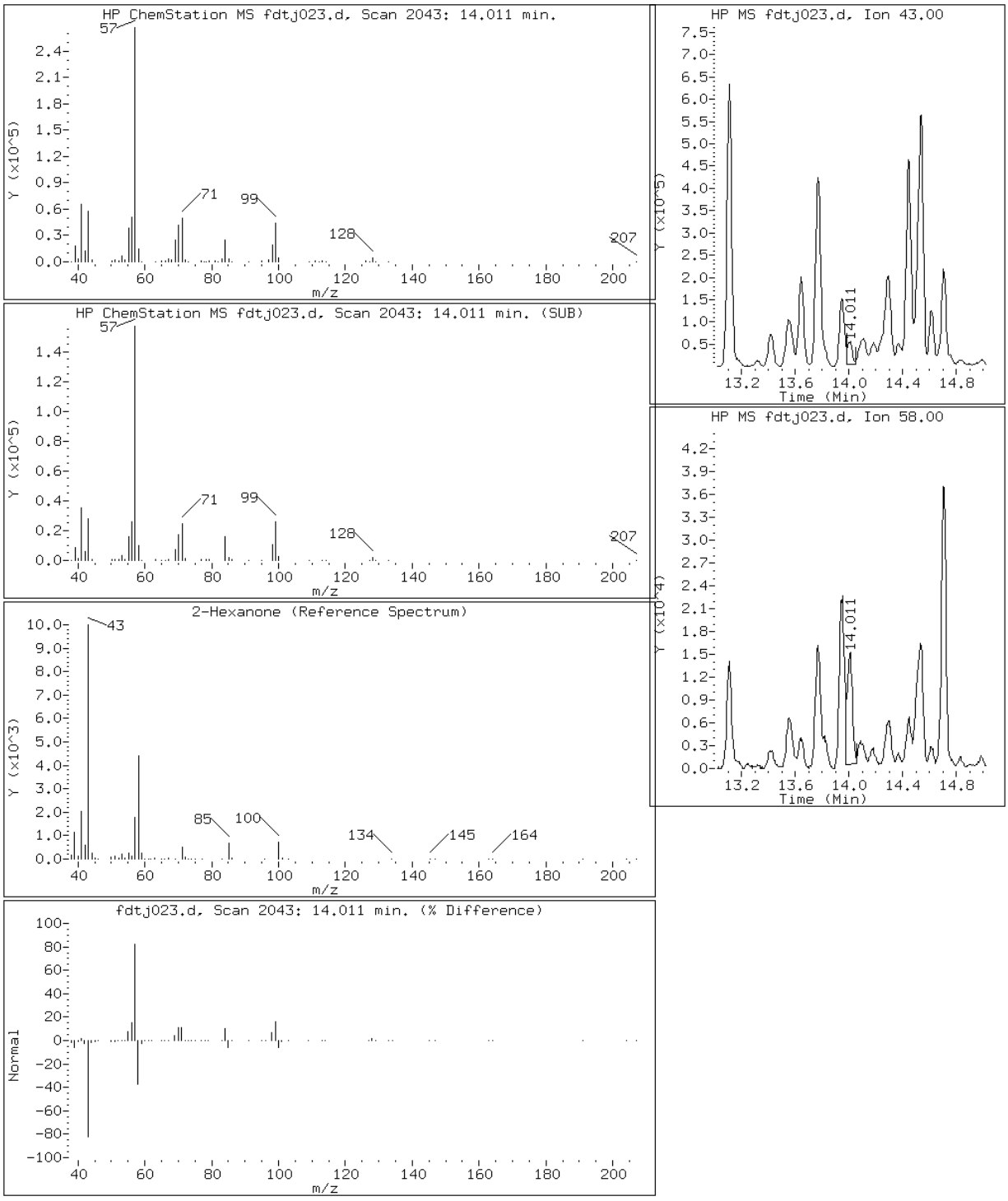
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

62 2-Hexanone



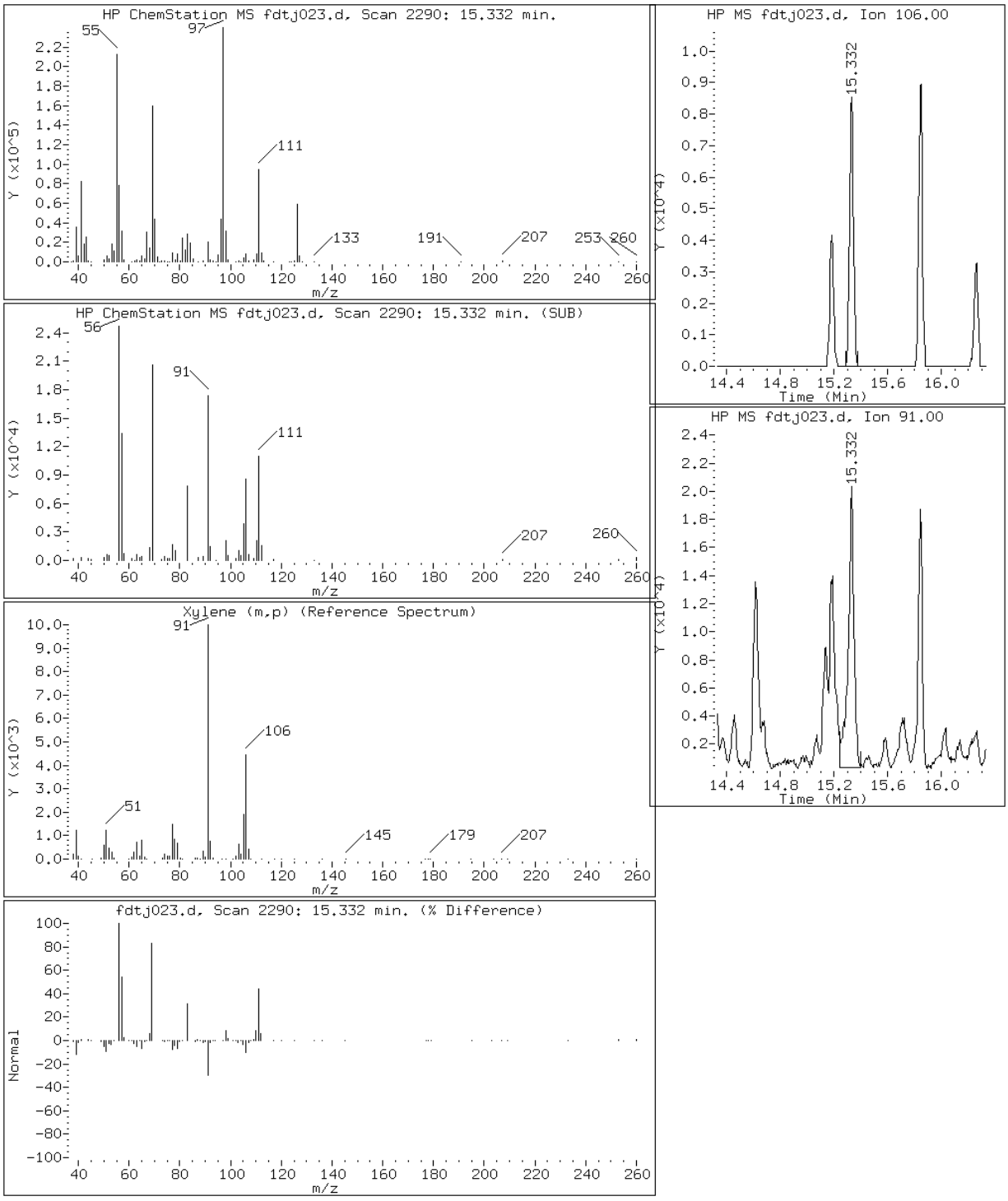
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

69 Xylene (m,p)



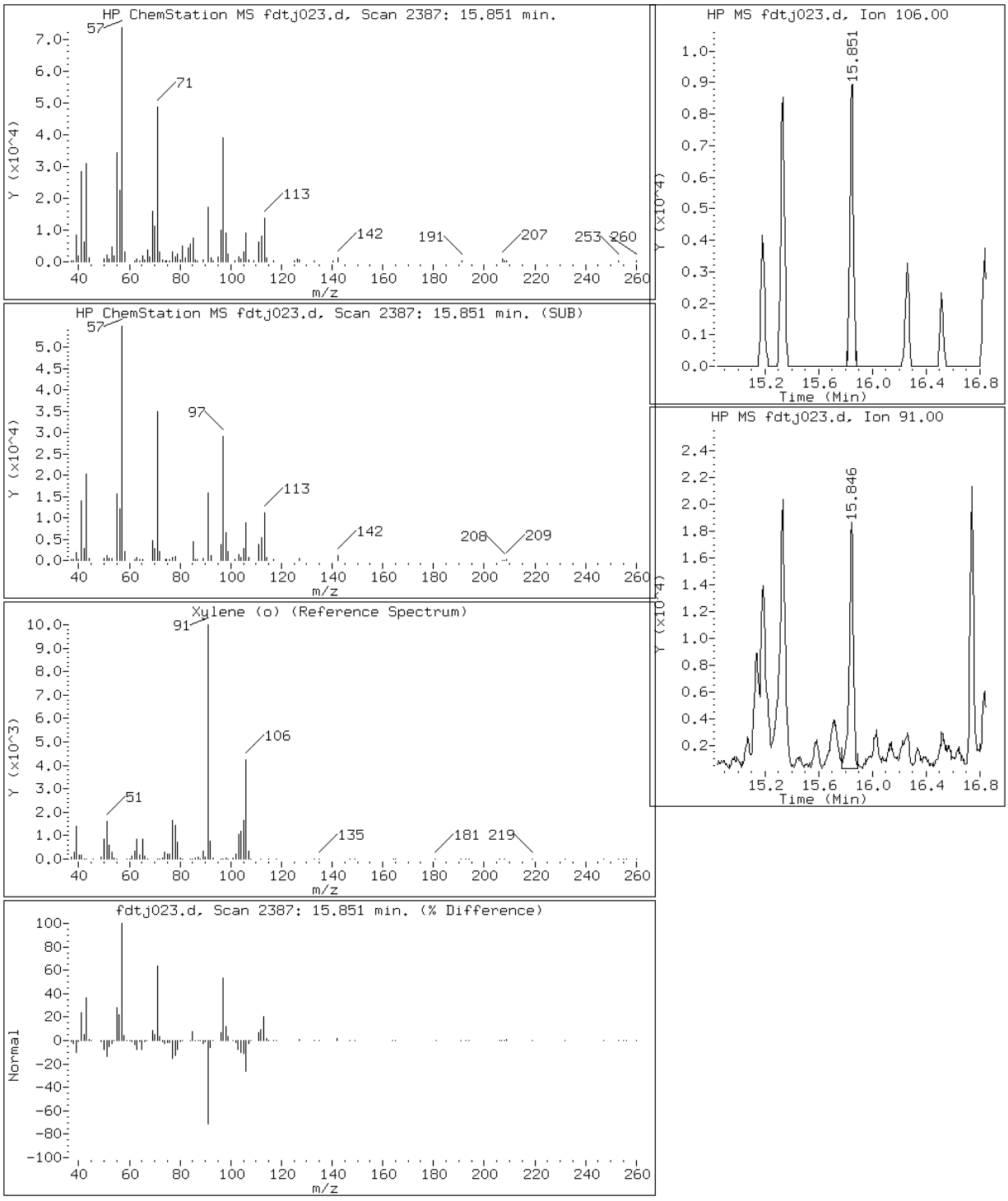
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

71 Xylene (o)



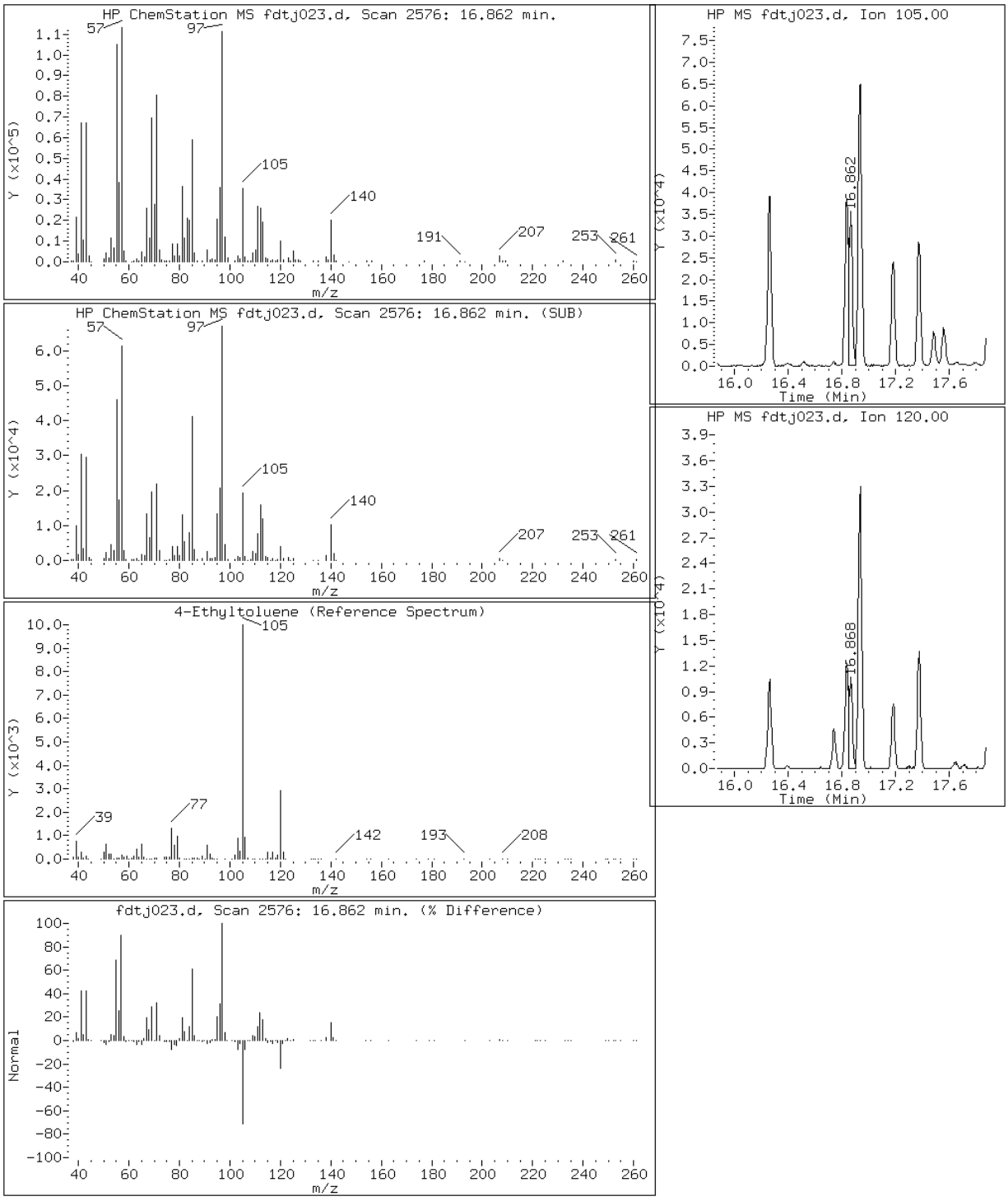
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

79 4-Ethyltoluene



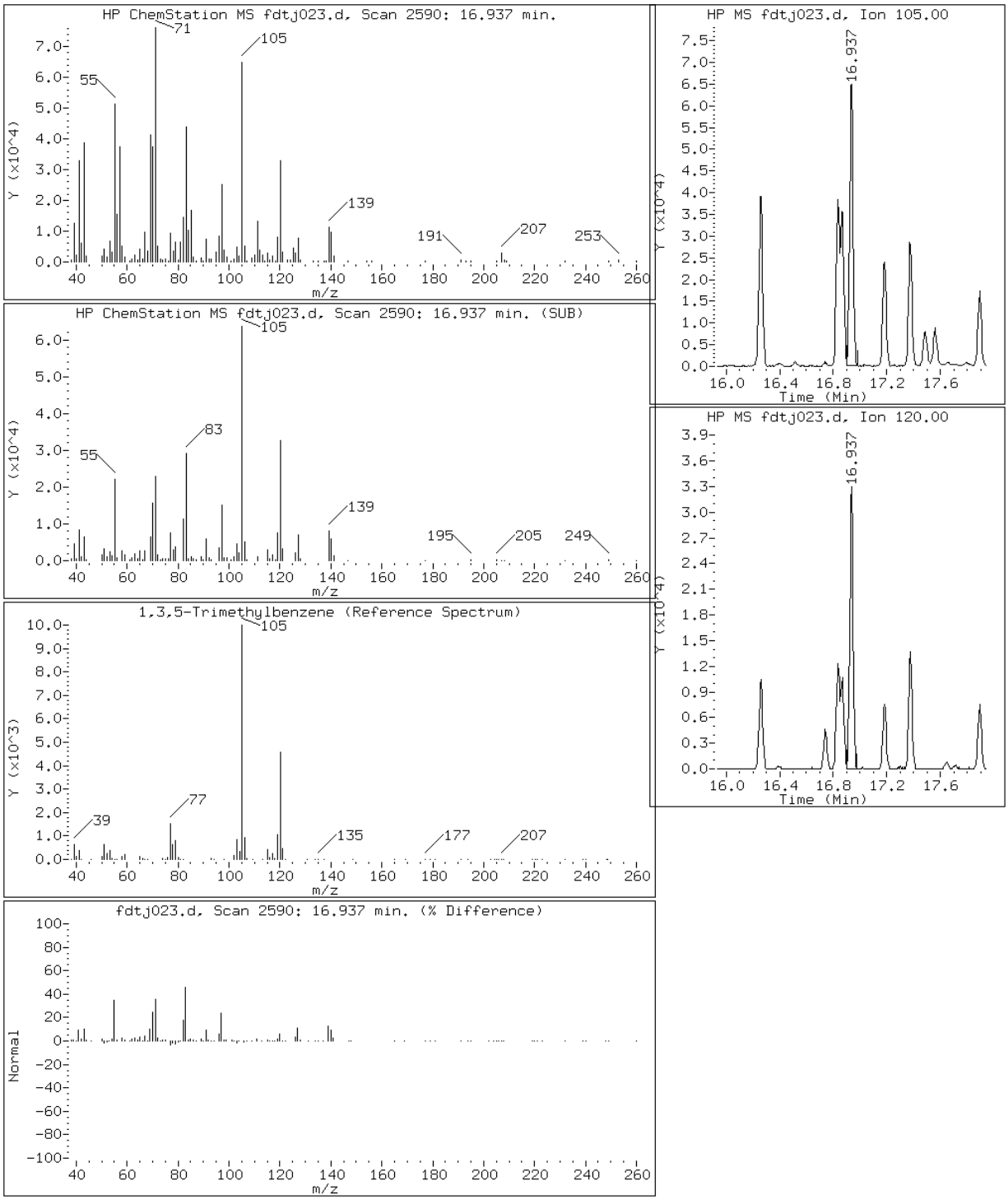
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

81 1,3,5-Trimethylbenzene



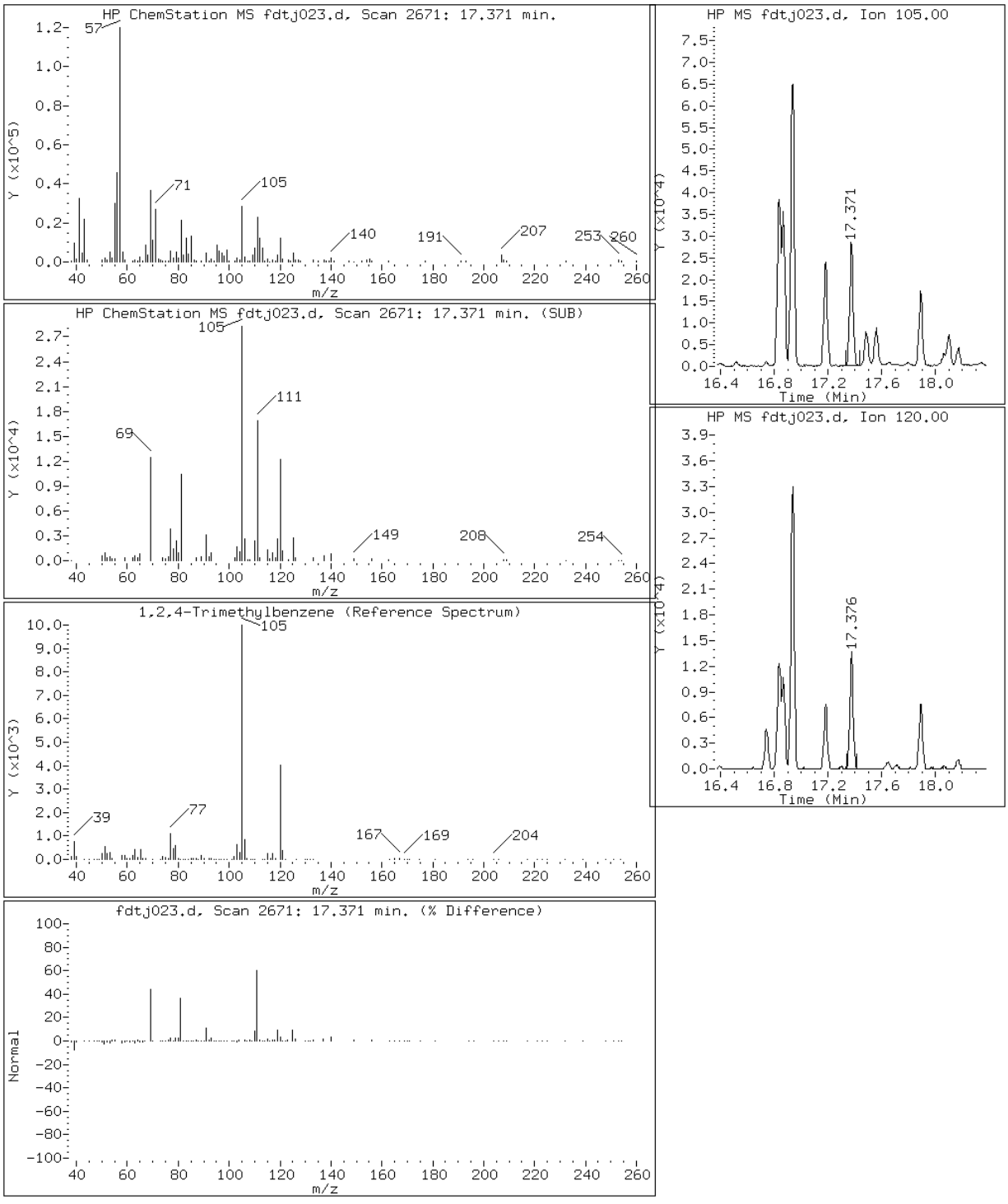
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: fdtj023.d
Lab Sample ID: 200-1086-3
Inj. Date and Time: 25-AUG-2010 10:36
Instrument ID: F.i
Client ID: CE-VAPOR-2
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 08/26/2010

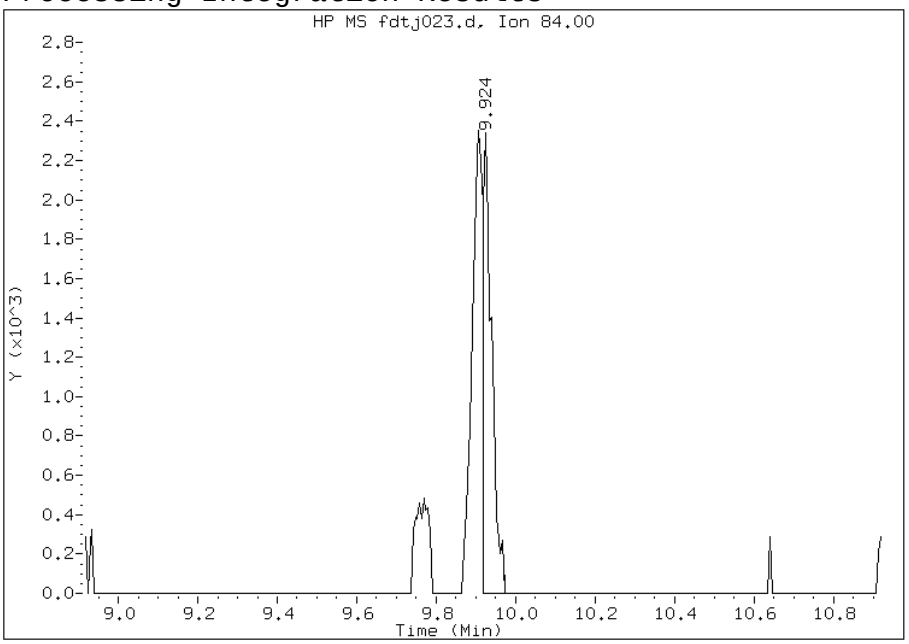
Processing Integration Results

RT: 9.92

Response: 3567

Amount: 0.056416

Conc: 0.282079



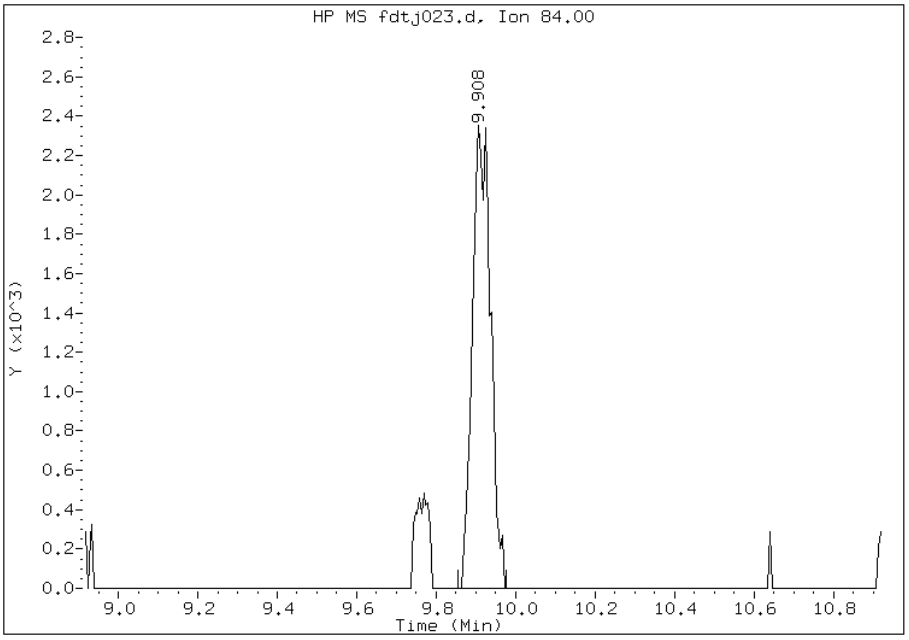
Manual Integration Results

RT: 9.91

Response: 7467

Amount: 0.118098

Conc: 0.590492



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	25	U	25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.3		1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.065
71-43-2	Benzene	78.11	1.0	U	1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	5.0		1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0	U	1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	4.7		1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.6		2.5	0.12
95-47-6	Xylene, o-	106.17	11		1.0	0.25
1330-20-7	Xylene (total)	106.17	13		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	7.2		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0		1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	59	U	59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	4.4		3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.30
71-43-2	Benzene	78.11	3.2	U	3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	20		4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.8	U	6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	42		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	21		4.3	0.30
179601-23-1	m,p-Xylene	106.17	11		11	0.50
95-47-6	Xylene, o-	106.17	47		4.3	1.1
1330-20-7	Xylene (total)	106.17	58		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	36		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	5.0		4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-4
Client Smp ID: CE-VAPOR-3
Inj Date : 25-AUG-2010 13:09
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-4
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 12
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	7318	0.06510	0.33(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

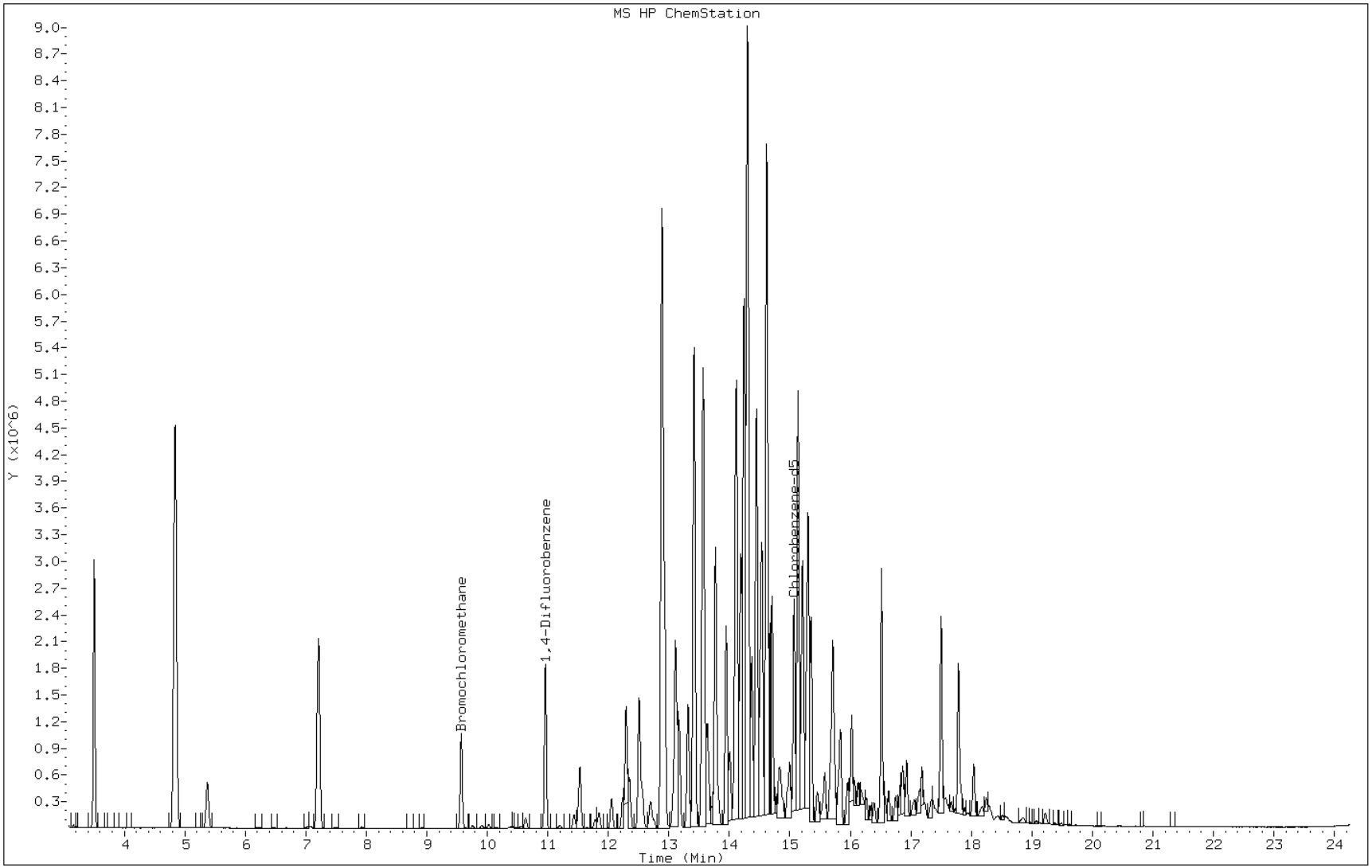
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	11853	0.19663	0.98(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	426333	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.645	9.651	(1.008)	4082	0.04252	0.21(a)
	40 Cyclohexane	84	9.908	9.918	(0.904)	15264	0.25607	1.3(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	7616	0.04224	0.21(aQ)
	44 Benzene	78	10.427	10.432	(0.951)	21252	0.15162	0.76(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.635	10.641	(0.970)	57818	0.99569	5.0
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2072065	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.112	13.118	(0.870)	12550	0.14766	0.74(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	13340	0.19656	0.98(a)
	62 2-Hexanone	43	14.005	14.022	(0.929)	121291	2.05623	10(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1721869	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	183195	0.94808	4.7
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	39373	0.52529	2.6(Q)
M	70 Xylenes, Total	106				201008	2.68891	13
	71 Xylene (o)	106	15.846	15.846	(1.051)	161635	2.16361	11
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.868	16.873	(1.119)	39942	0.17391	0.87(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	272875	1.44941	7.2
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	39355	0.20432	1.0
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtj026.d	Date:	25-AUG-2010 13:09
Client ID:	CE-VAPOR-3	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-4		
Lab Sample ID:	200-1086-4		



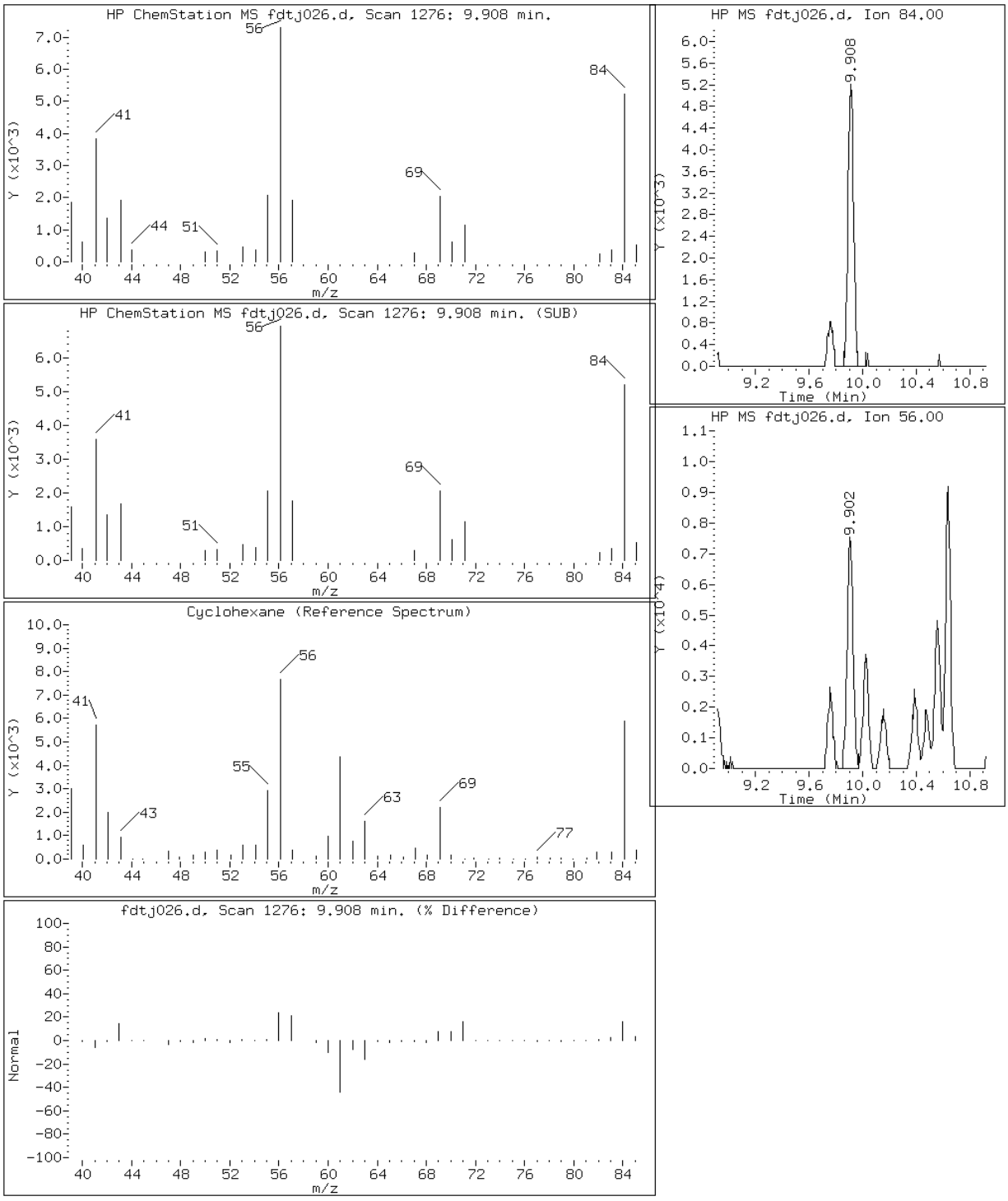
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

40 Cyclohexane



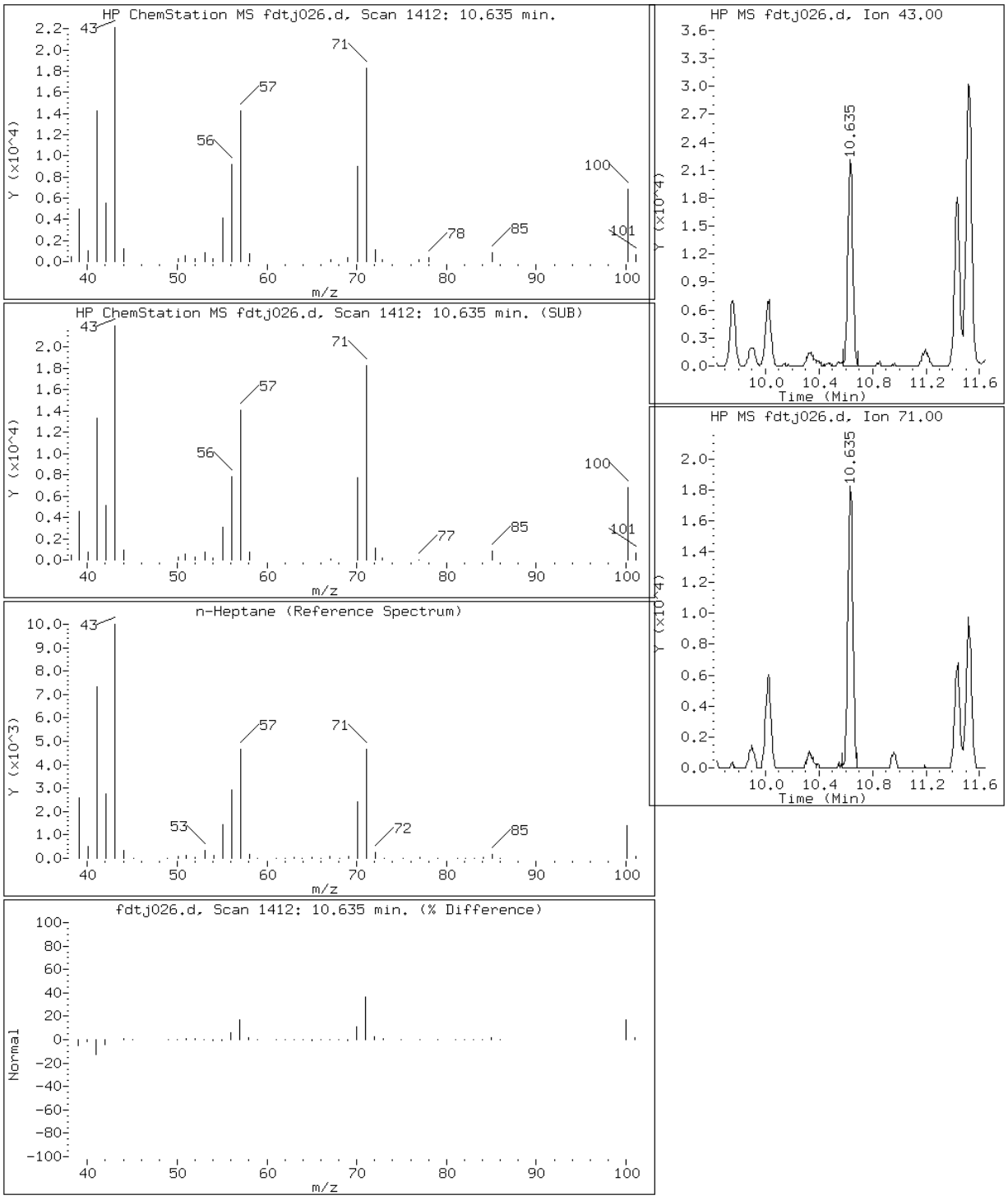
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

46 n-Heptane



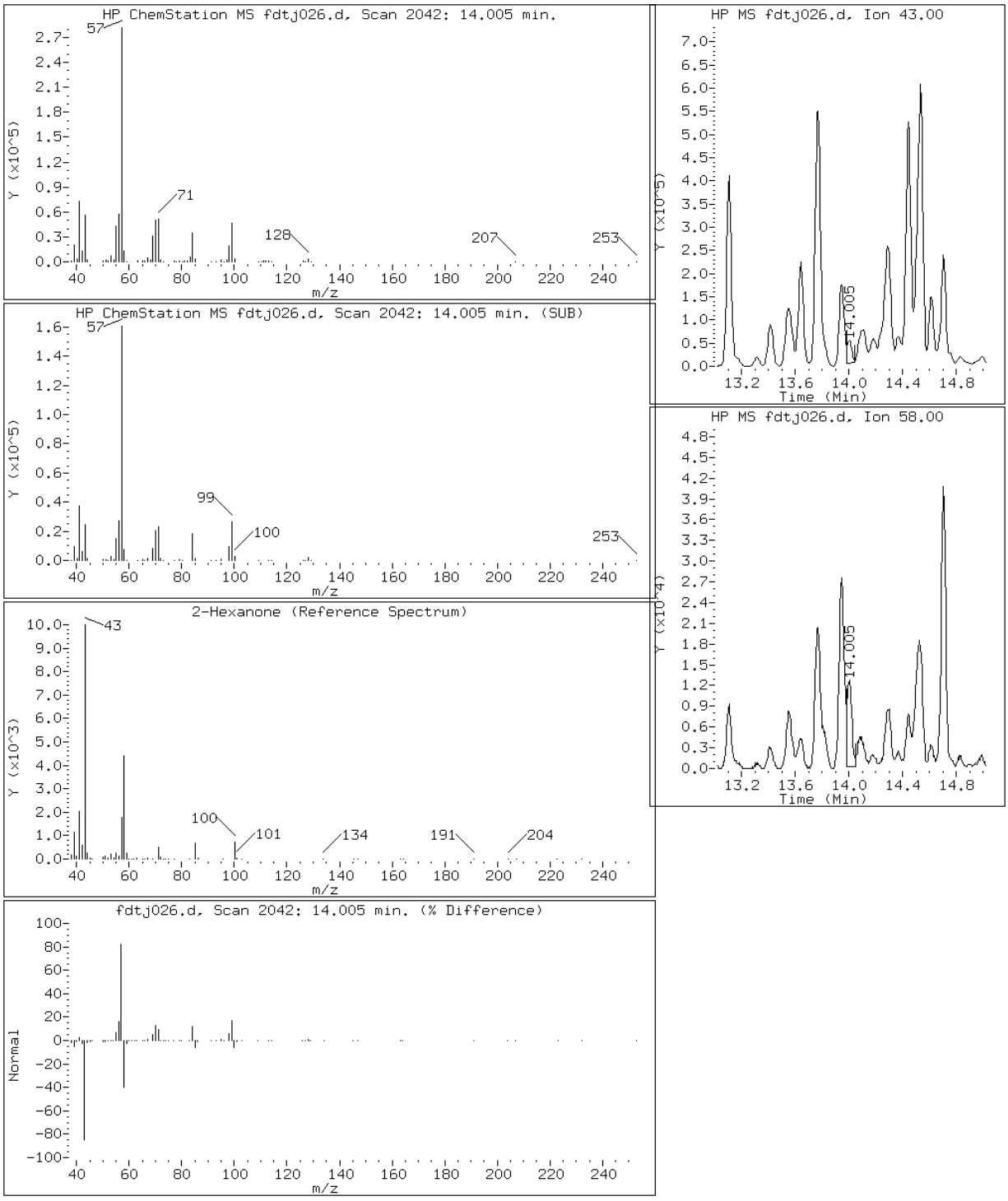
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

62 2-Hexanone



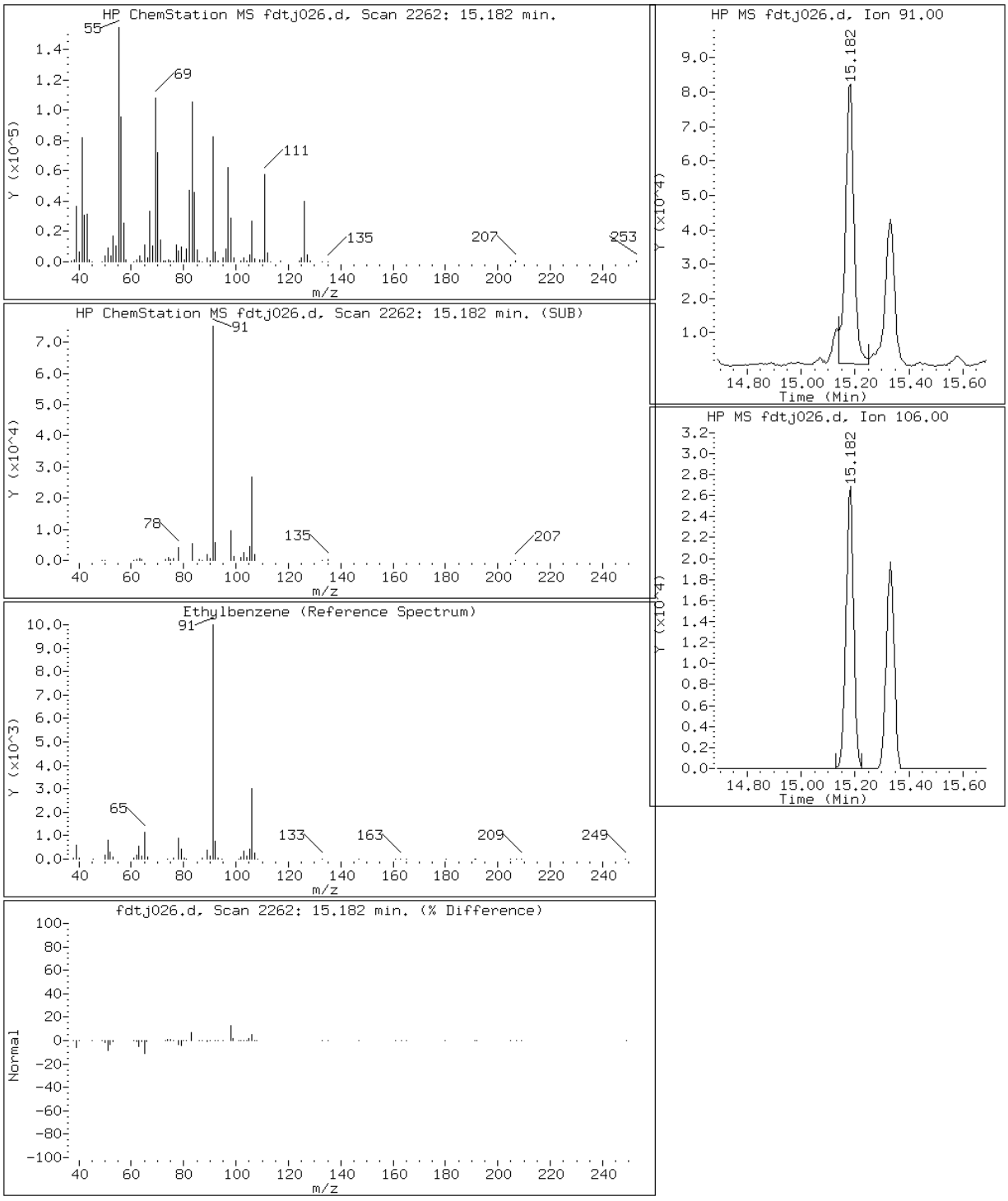
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

68 Ethylbenzene



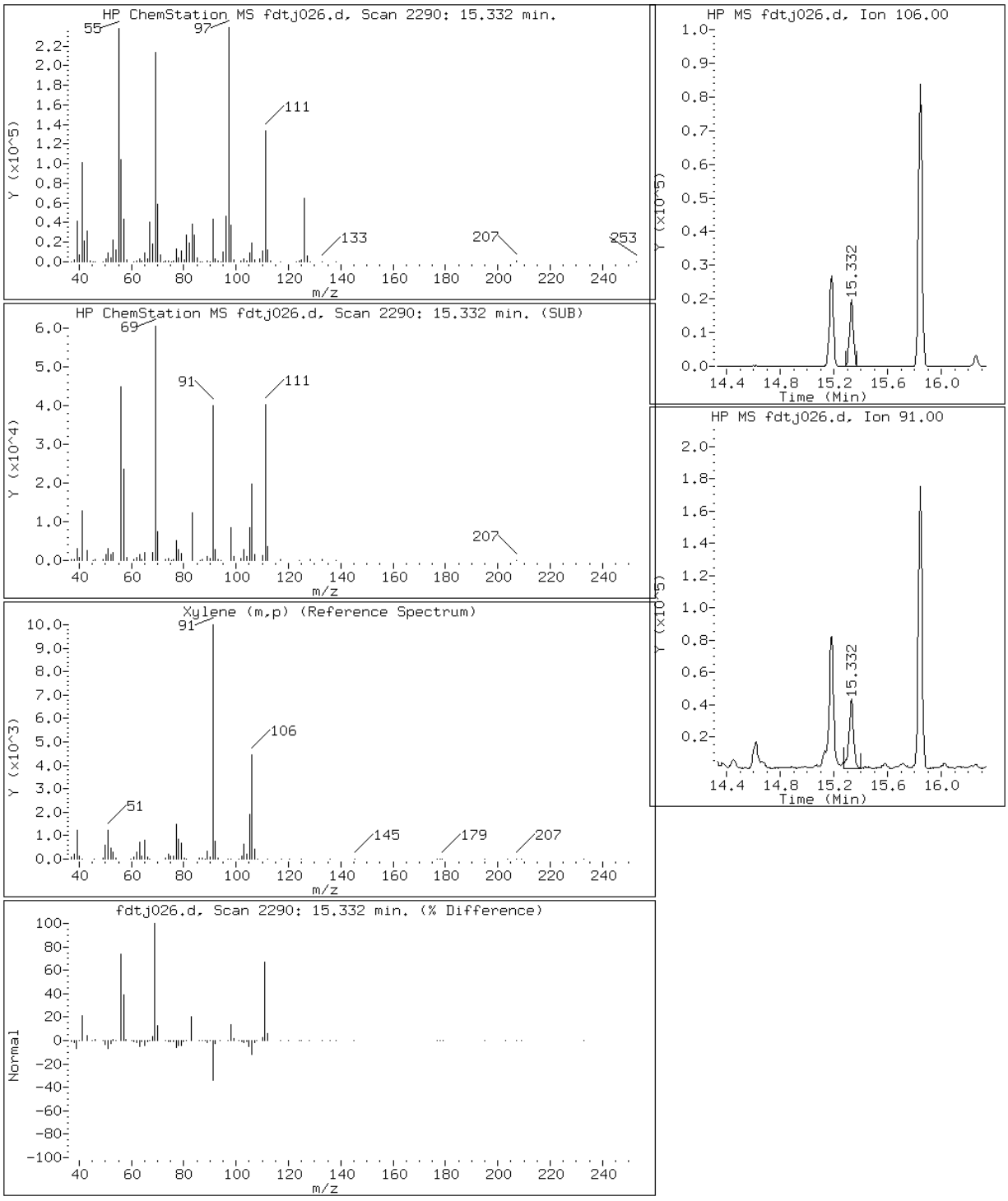
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

69 Xylene (m,p)



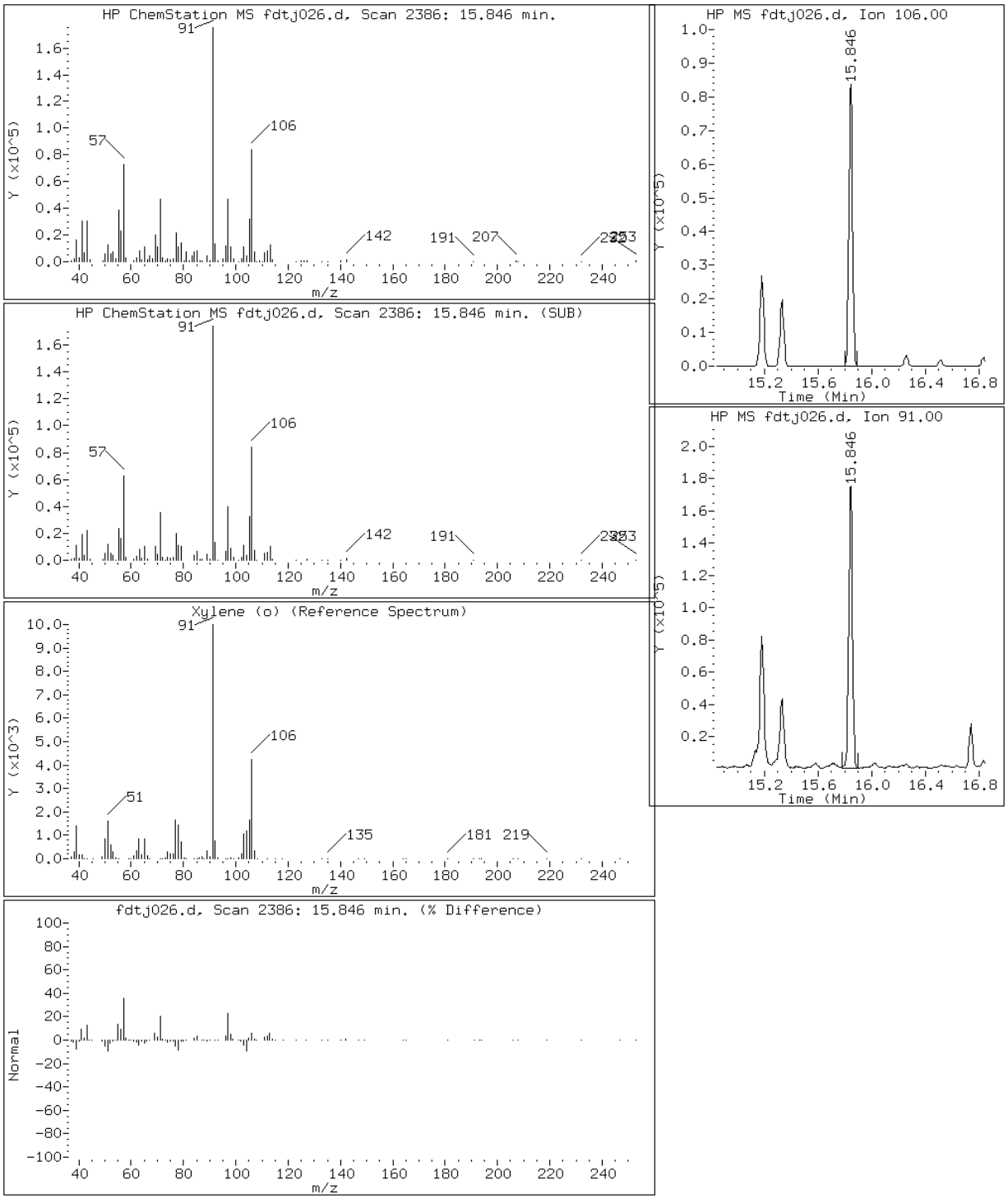
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

71 Xylene (o)



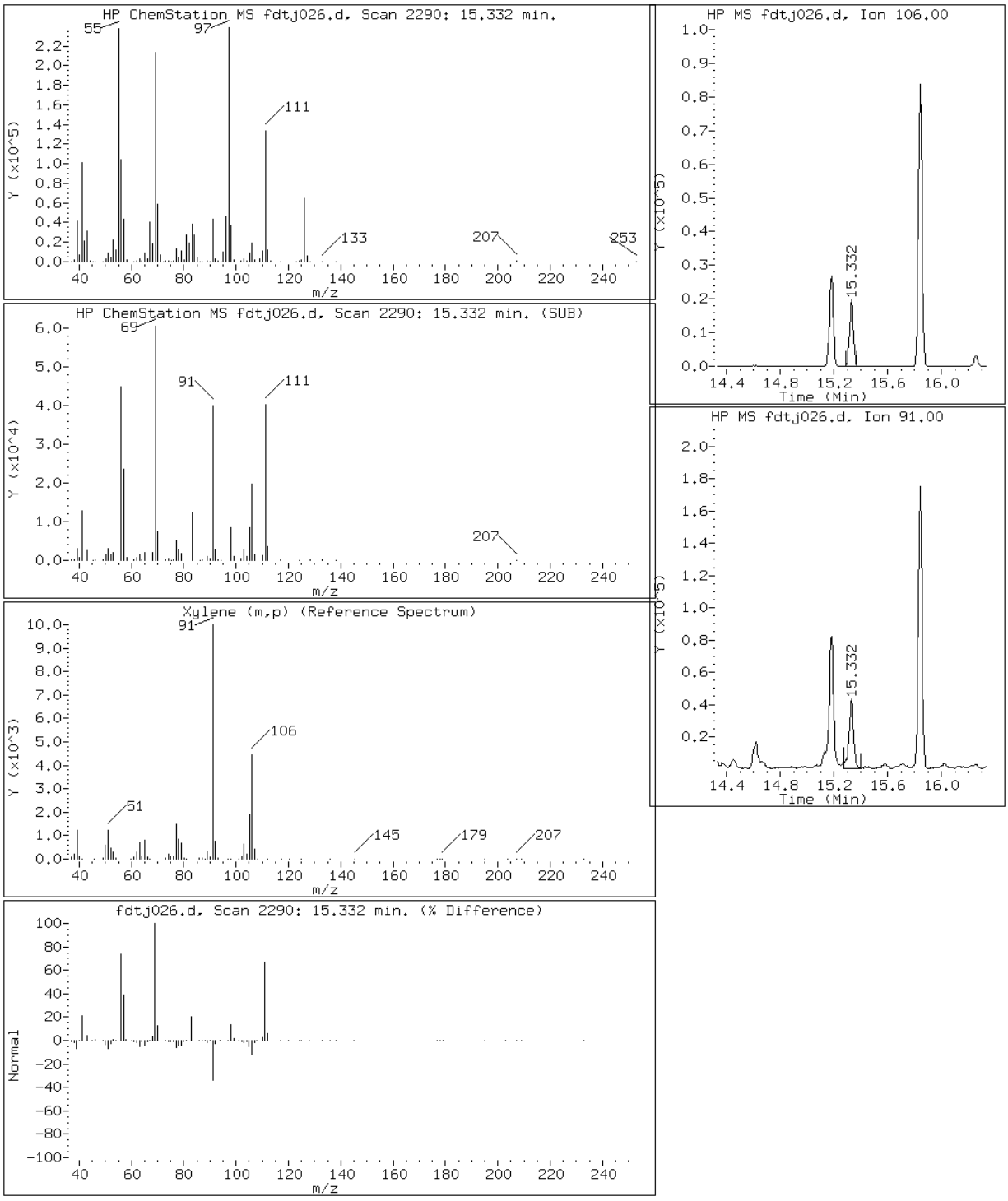
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

69 Xylene (m,p)



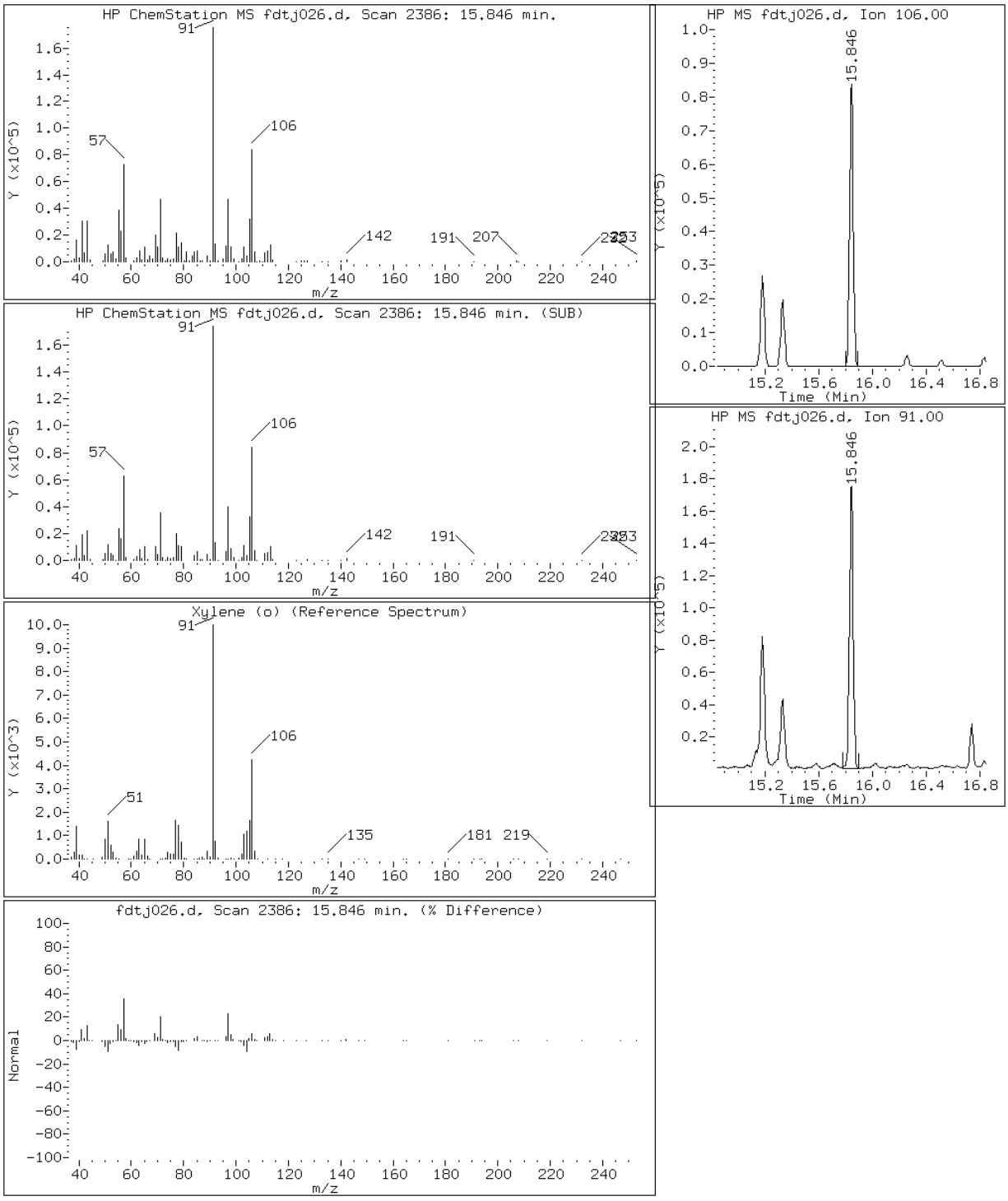
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

71 Xylene (o)



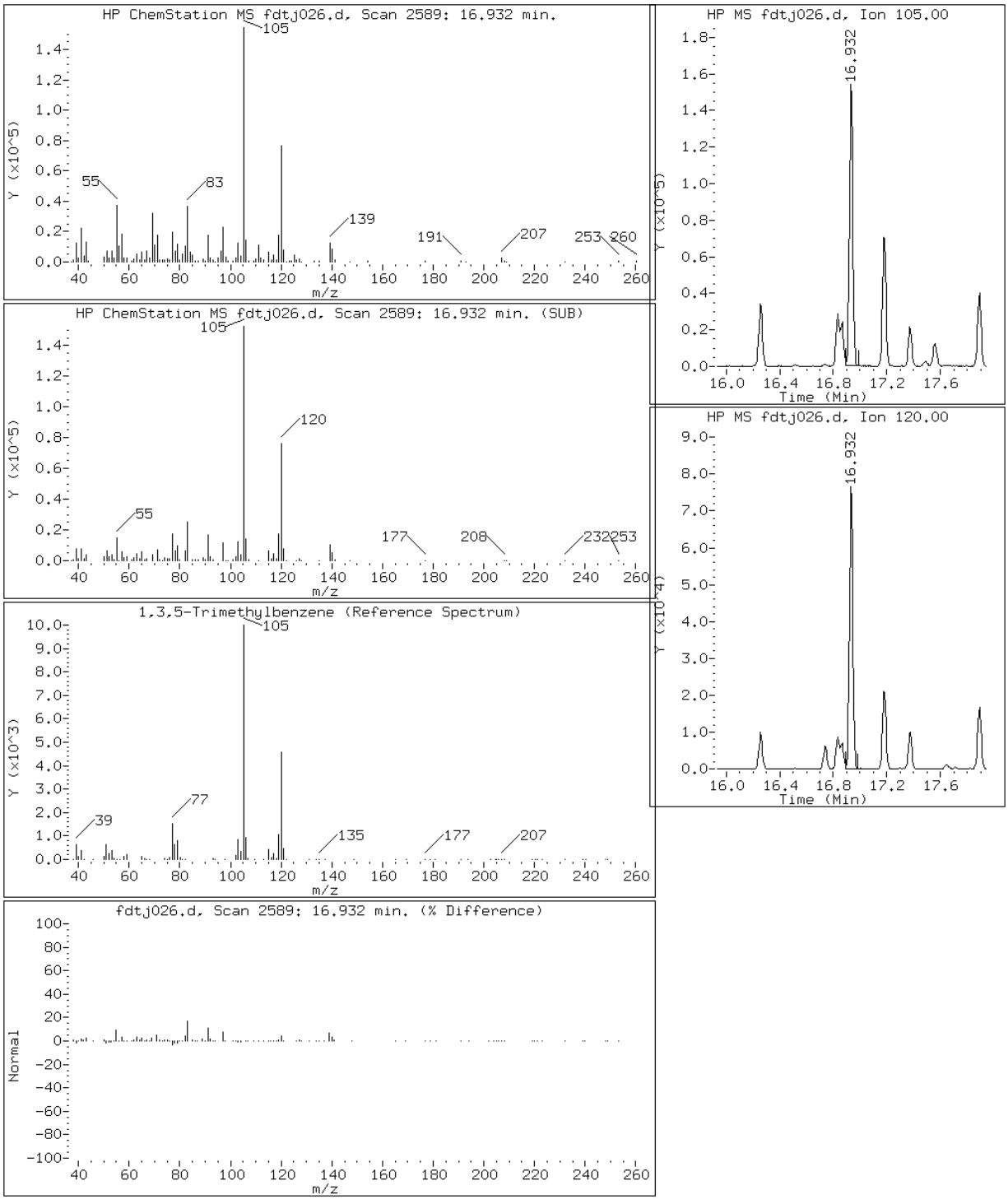
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

81 1,3,5-Trimethylbenzene



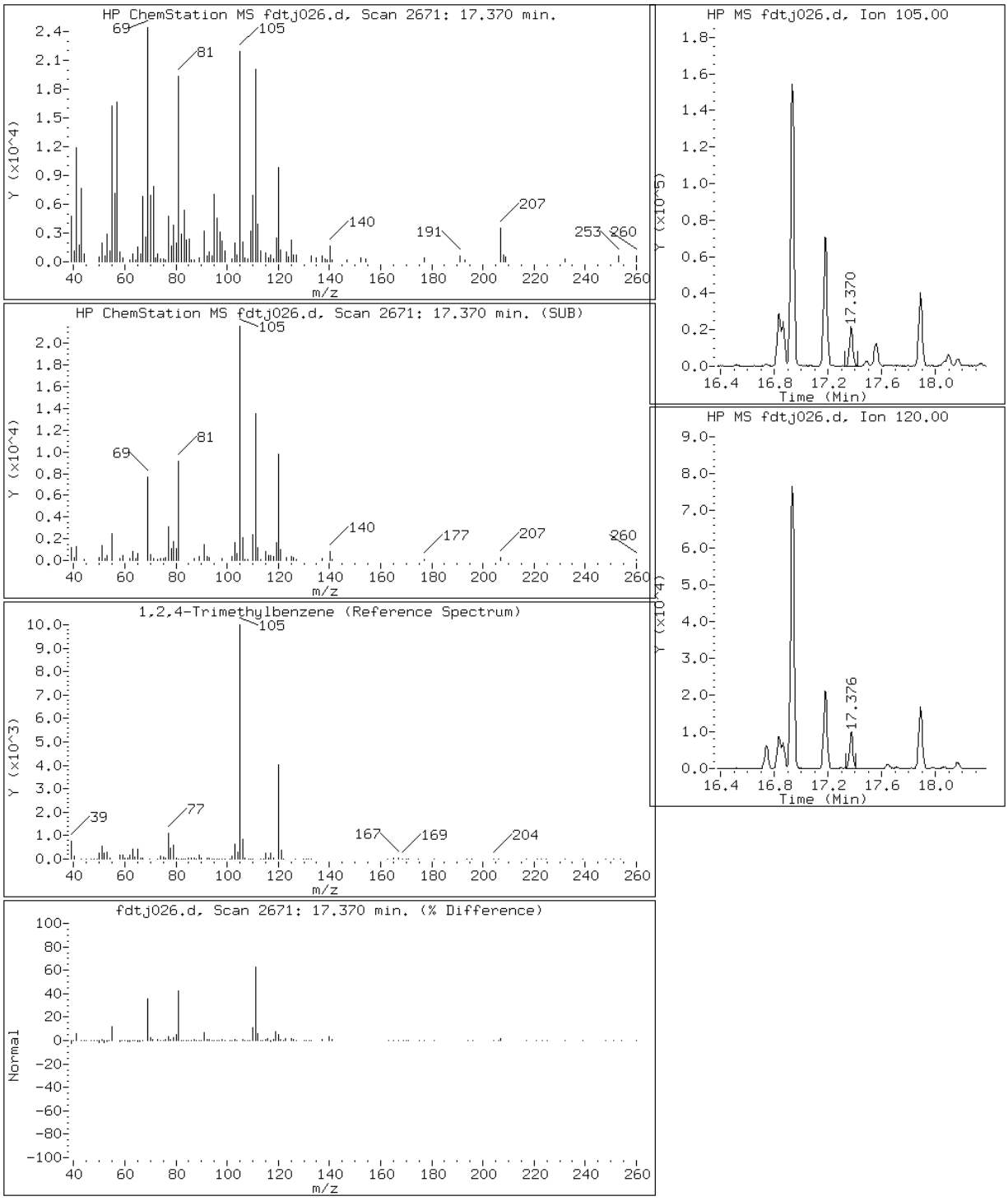
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

84 1,2,4-Trimethylbenzene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	25	U	25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.1		1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.065
71-43-2	Benzene	78.11	1.2		1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	2.8		1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0	U	1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.9		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	2.6		1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.5	U	2.5	0.12
95-47-6	Xylene, o-	106.17	7.3		1.0	0.25
1330-20-7	Xylene (total)	106.17	9.4		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	4.3		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0	U	1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	59	U	59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	3.6		3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.30
71-43-2	Benzene	78.11	3.7		3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	12		4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.8	U	6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	36		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	11		4.3	0.30
179601-23-1	m,p-Xylene	106.17	11	U	11	0.50
95-47-6	Xylene, o-	106.17	32		4.3	1.1
1330-20-7	Xylene (total)	106.17	41		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	21		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	4.9	U	4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-5
Client Smp ID: CE-VAPOR-4
Inj Date : 25-AUG-2010 18:59
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-5
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 5
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.243	5.243	(0.548)	8515	0.07409	0.37(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.452	6.446	(0.674)	58358	1.05260	5.3(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

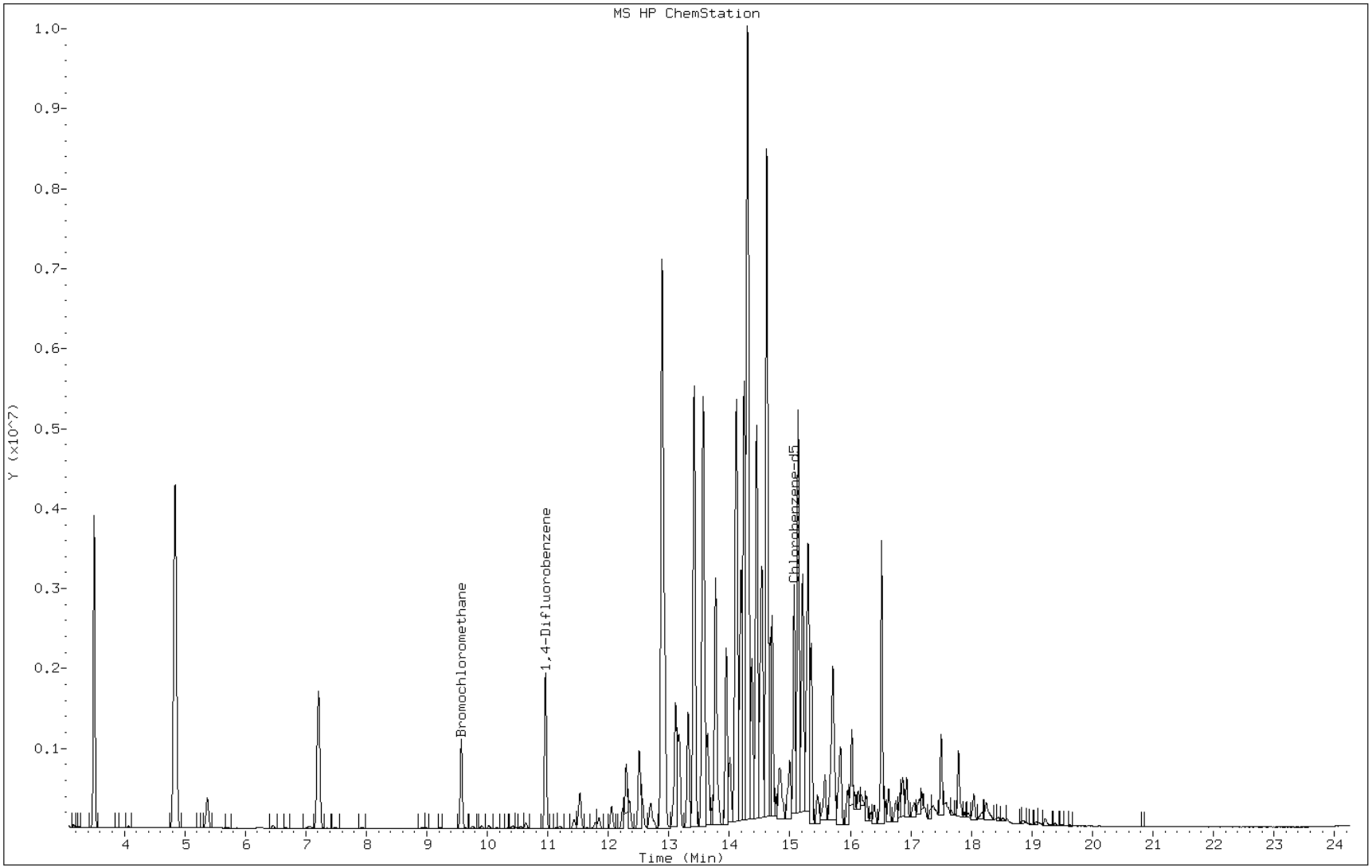
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.206	7.211	(0.753)	8815	0.22709	1.1(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	9622	0.15613	0.78(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.964)	3548	0.16813	0.84(aQ)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	435855	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.913	9.918	(0.904)	13326	0.21191	1.1(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.427	10.432	(0.951)	34036	0.23017	1.2
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.635	10.641	(0.970)	34824	0.56846	2.8
*	47 1,4-Difluorobenzene	114	10.962	10.972	(1.000)	2185951	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.112	13.118	(0.870)	9765	0.09775	0.49(aQ)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.883	13.883	(0.921)	13026	0.16329	0.82(a)
	62 2-Hexanone	43	14.006	14.022	(0.929)	122952	1.77328	8.9(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2023957	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	118763	0.52289	2.6
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	36679	0.41631	2.1(Q)
M	70 Xylenes, Total	106				165294	1.88096	9.4
	71 Xylene (o)	106	15.846	15.846	(1.051)	128615	1.46465	7.3
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	17518	0.06489	0.32(aQ)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	192024	0.86772	4.3
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	33863	0.14957	0.75(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtk006.d	Date:	25-AUG-2010 18:59
Client ID:	CE-VAPOR-4	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-5		
Lab Sample ID:	200-1086-5		



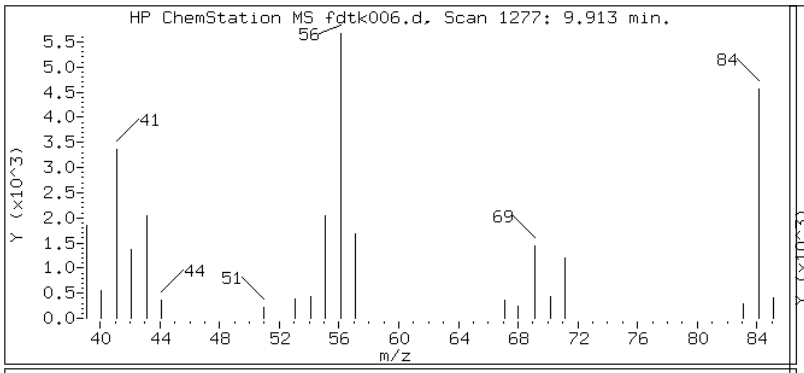
Data File: fdtk006.d

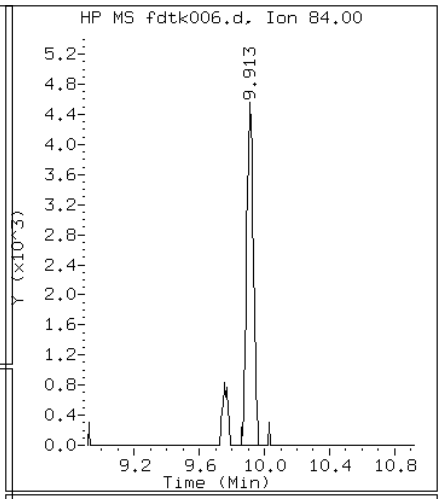
Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

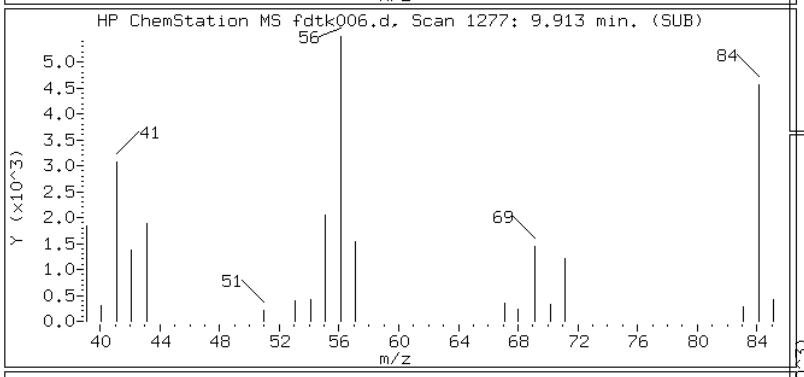
Client ID: CE-VAPOR-4 Instrument: F.i

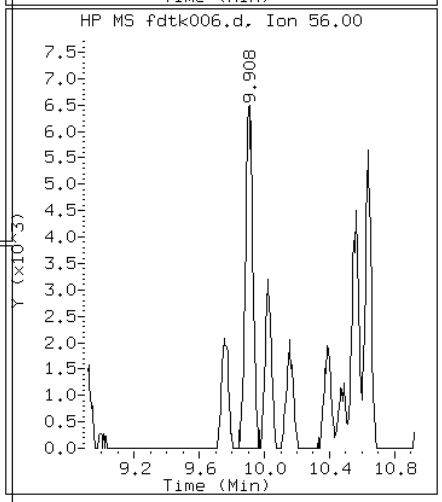
Sample Info: 200-1086-A-5 Operator: wrd

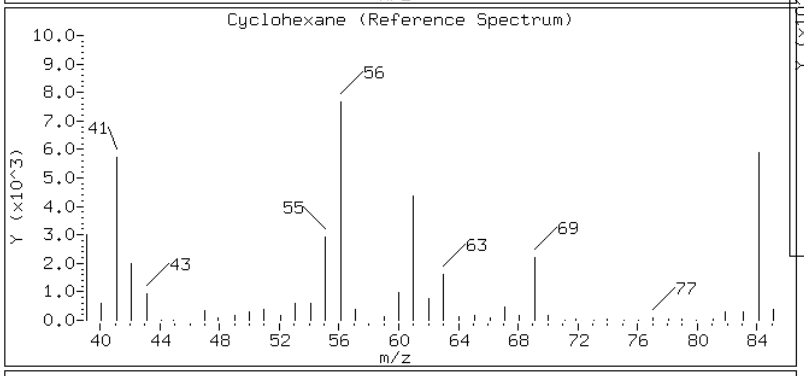
40 Cyclohexane

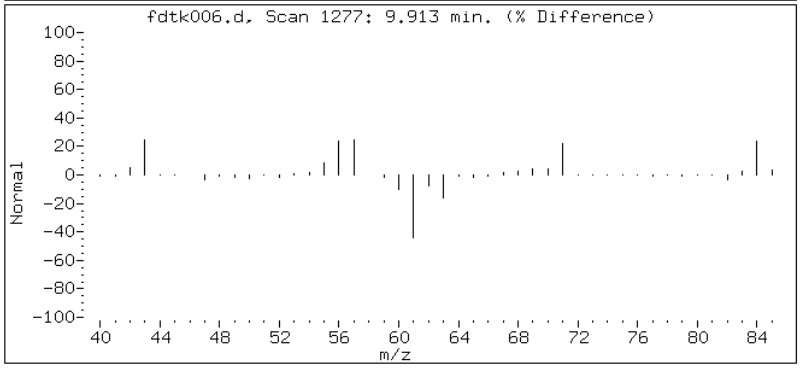












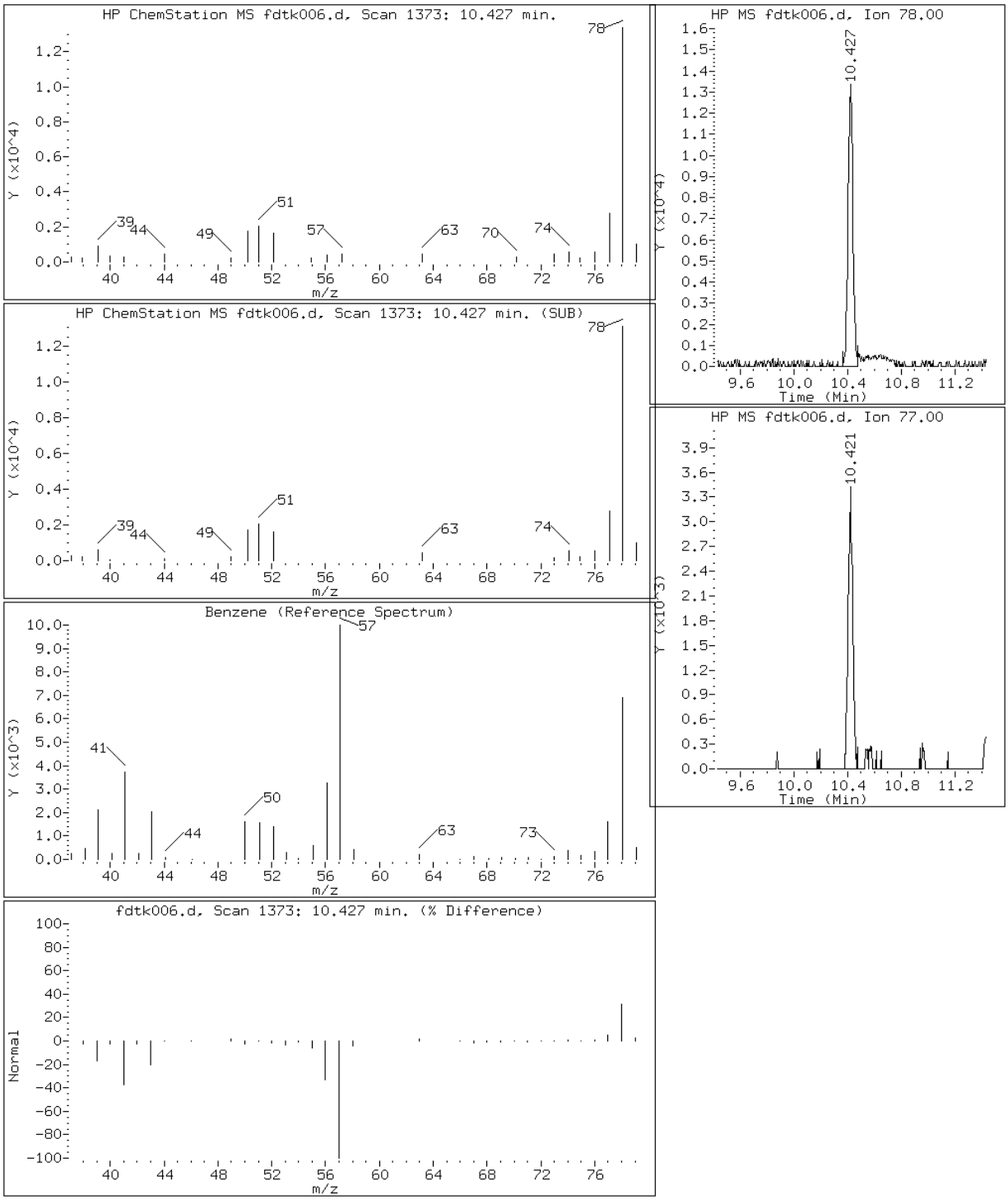
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

44 Benzene



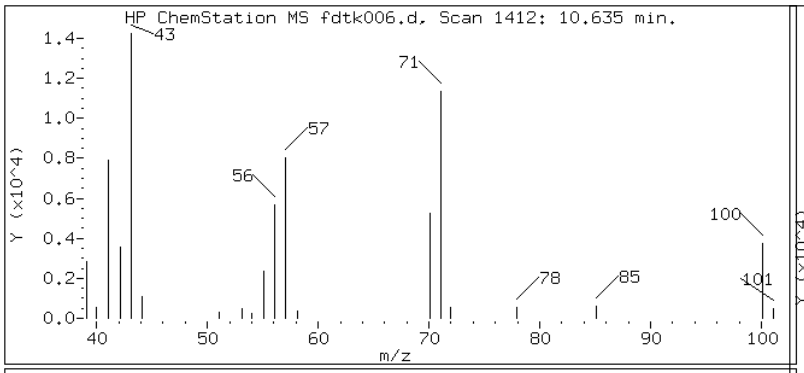
Data File: fdtk006.d

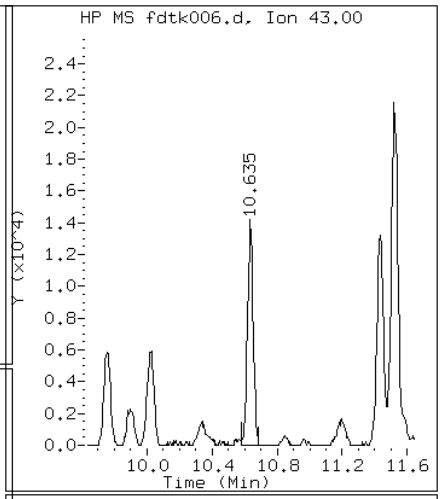
Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

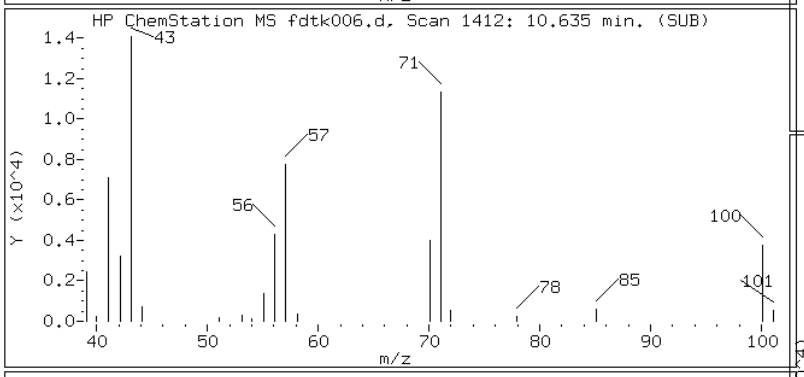
Client ID: CE-VAPOR-4 Instrument: F.i

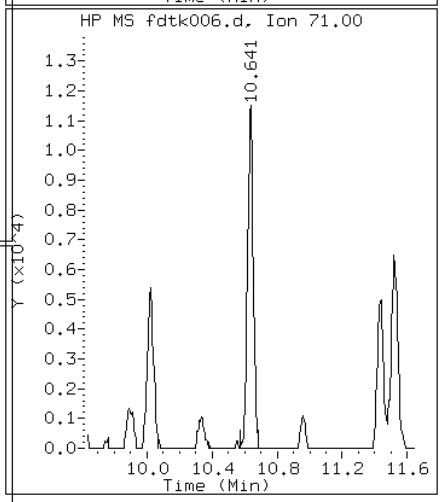
Sample Info: 200-1086-A-5 Operator: wrd

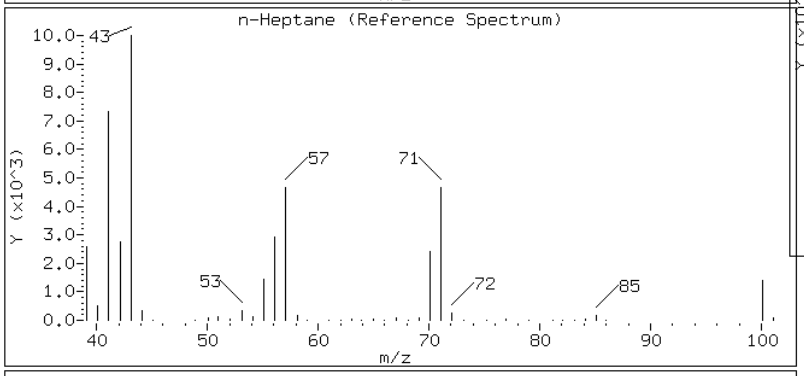
46 n-Heptane

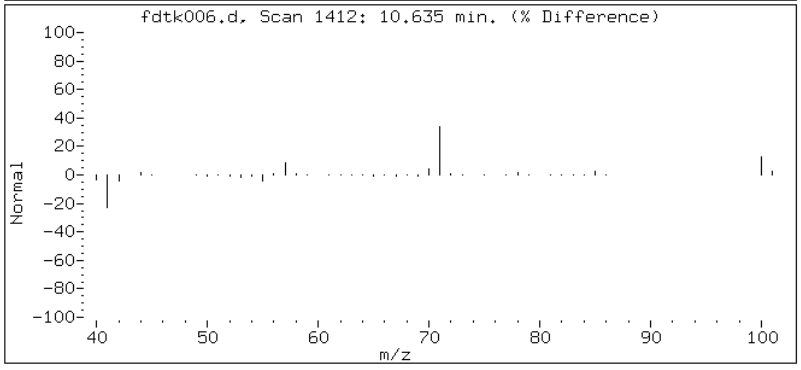












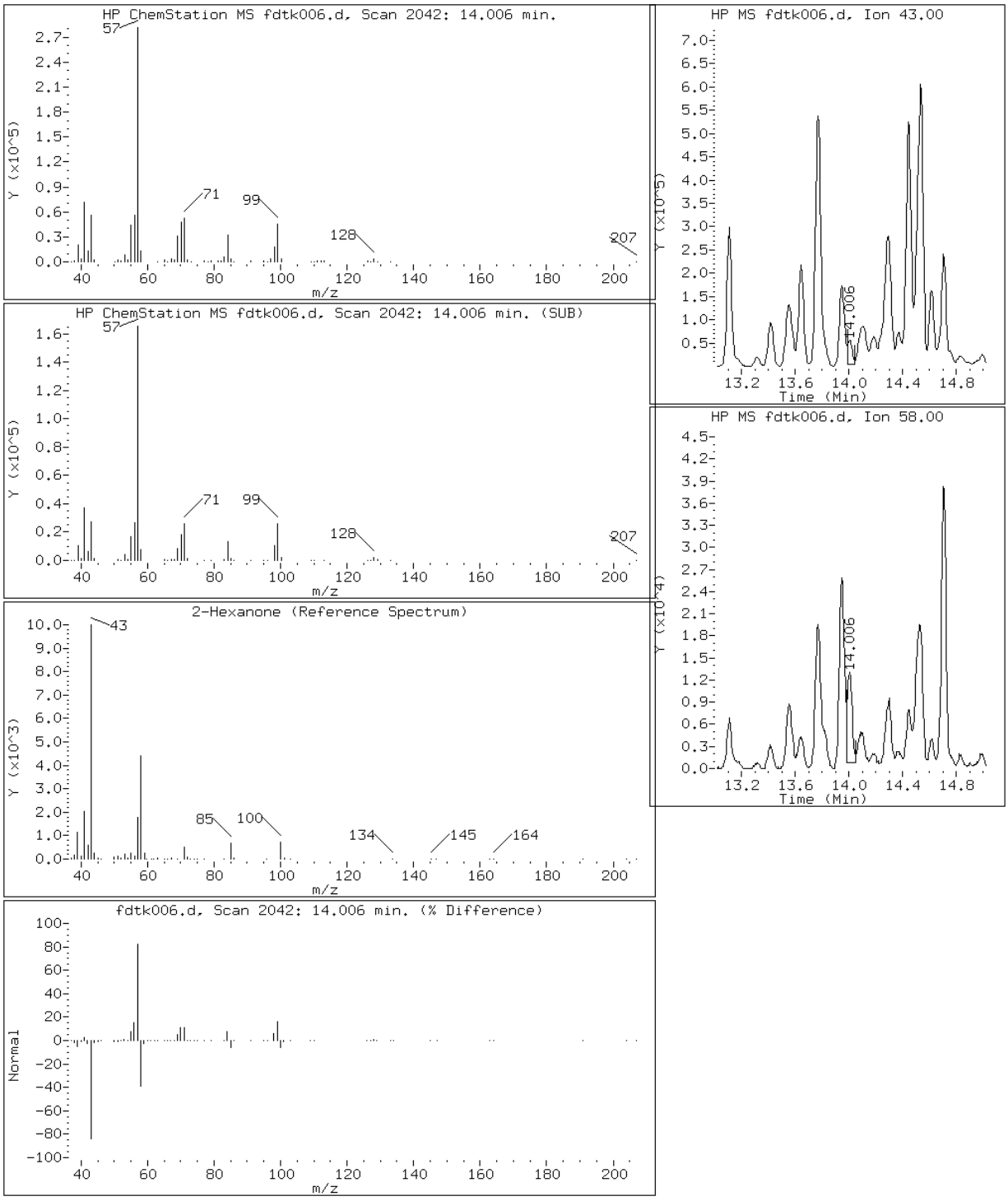
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

62 2-Hexanone



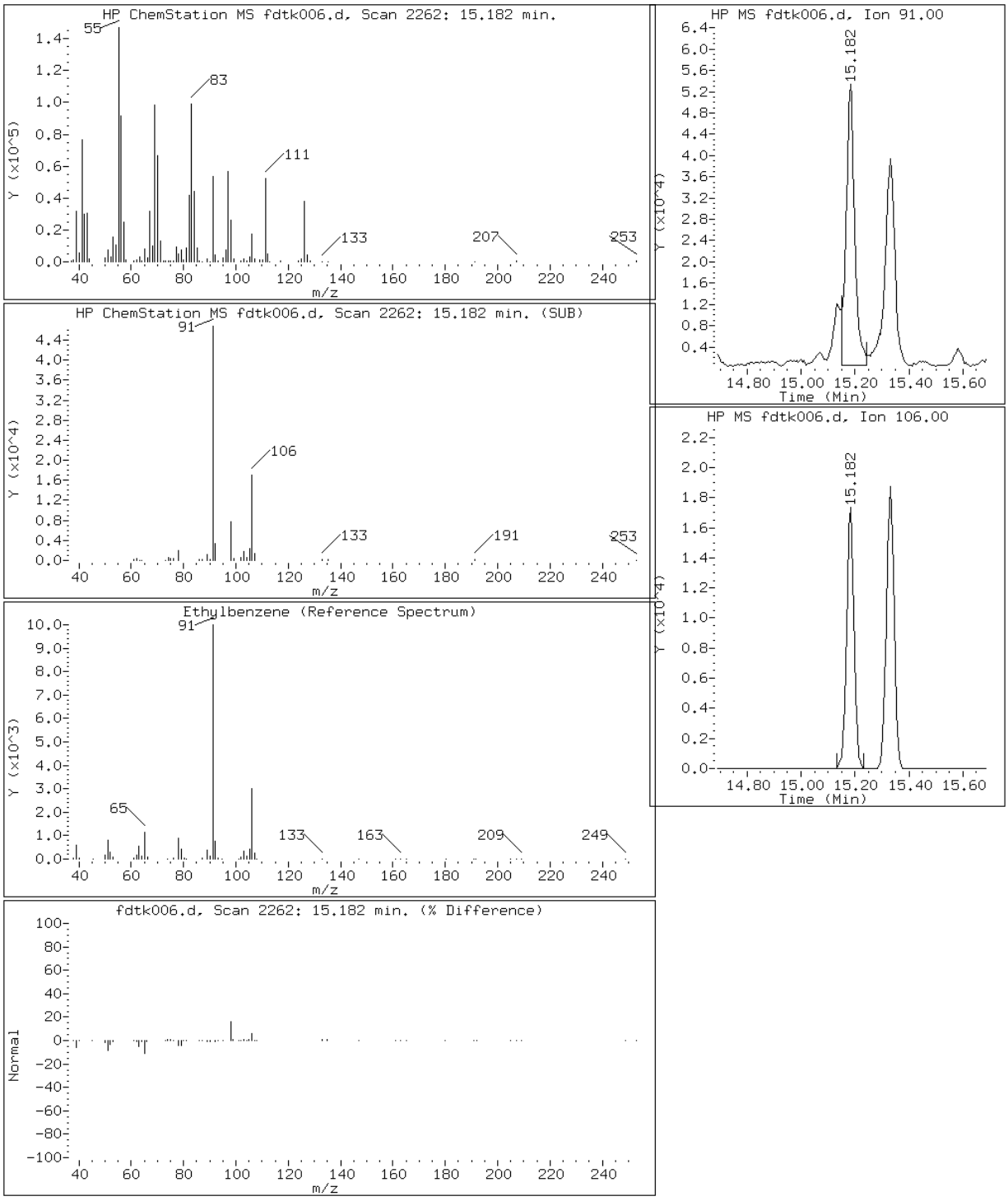
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

68 Ethylbenzene



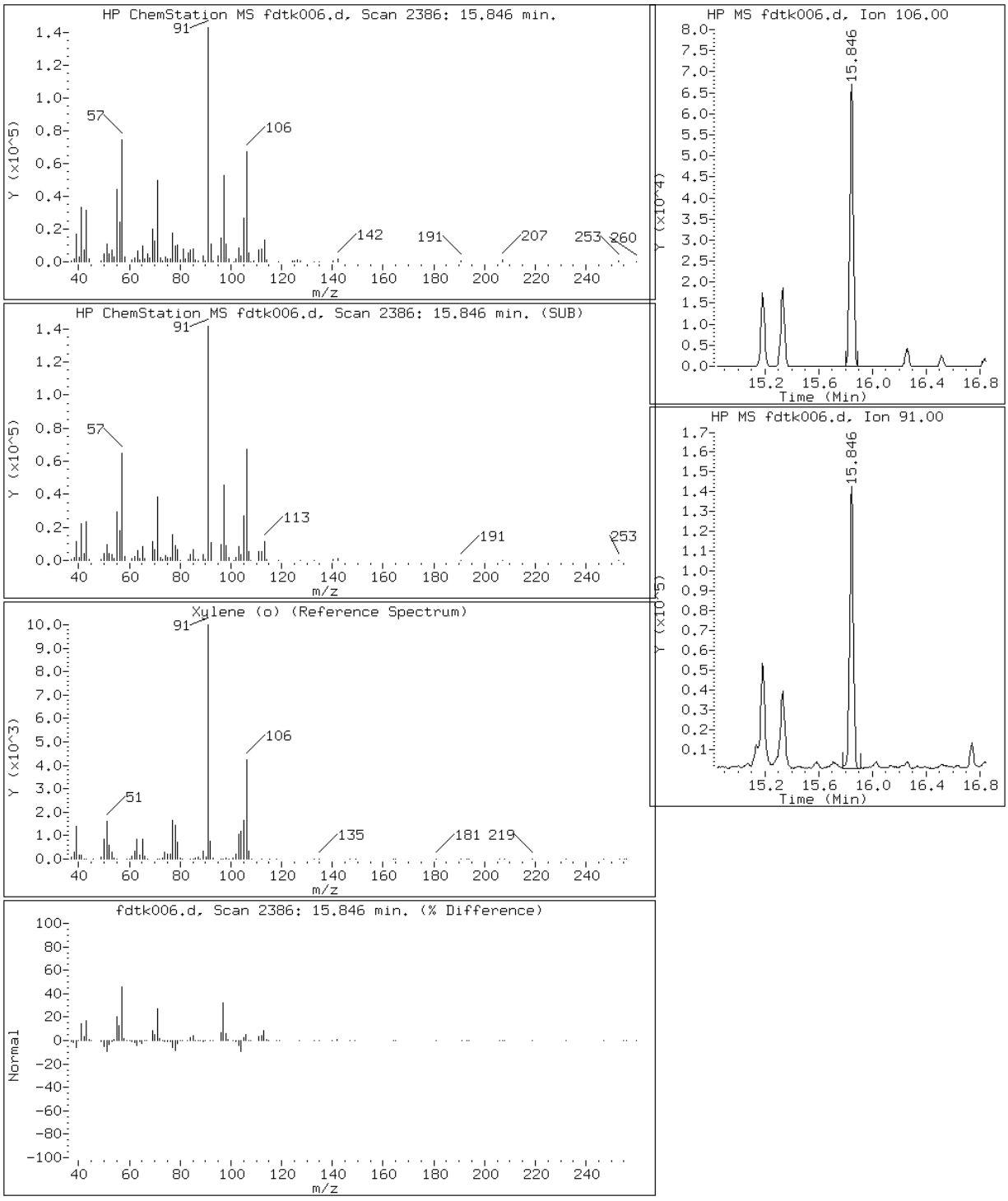
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

71 Xylene (o)



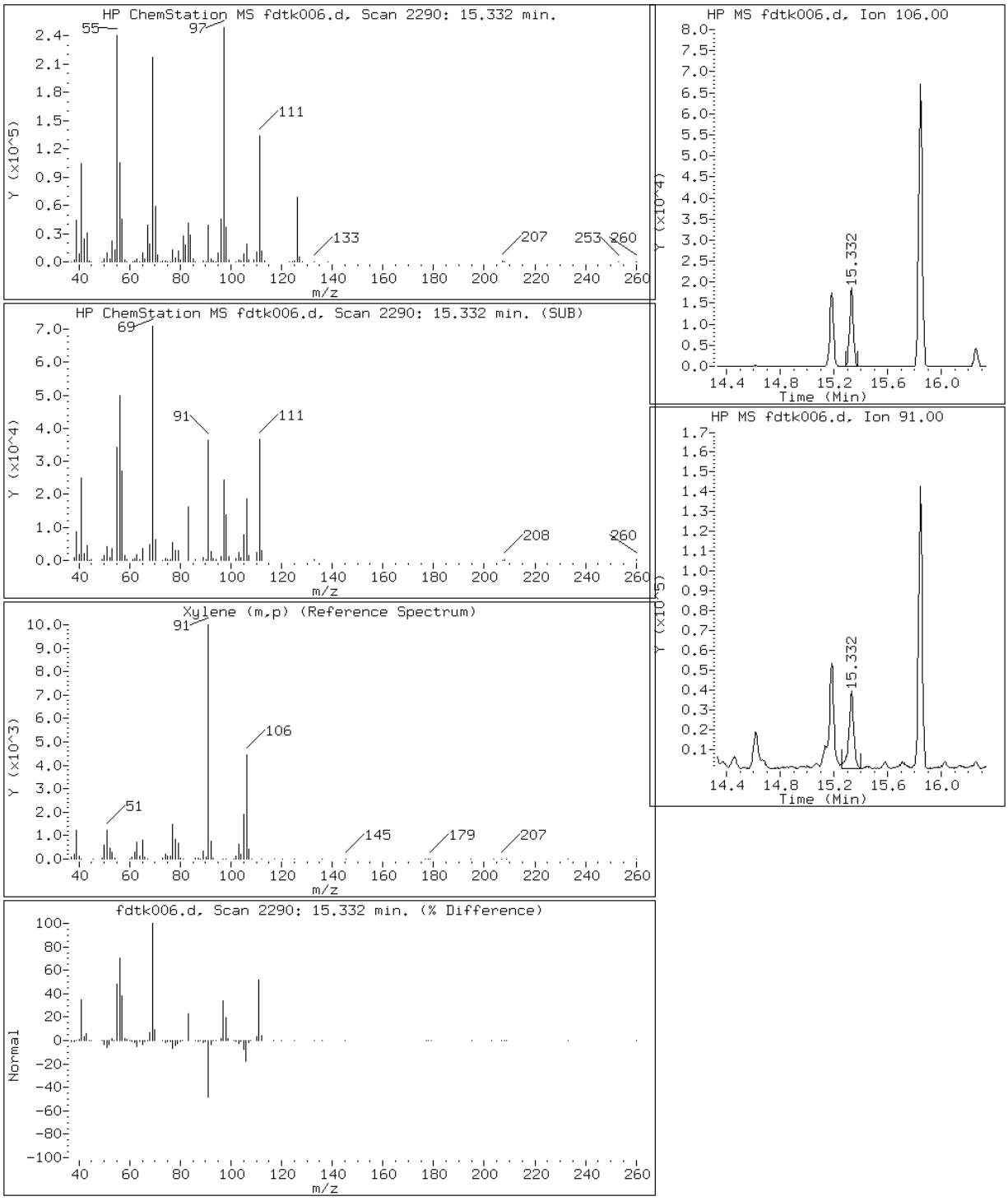
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

69 Xylene (m,p)



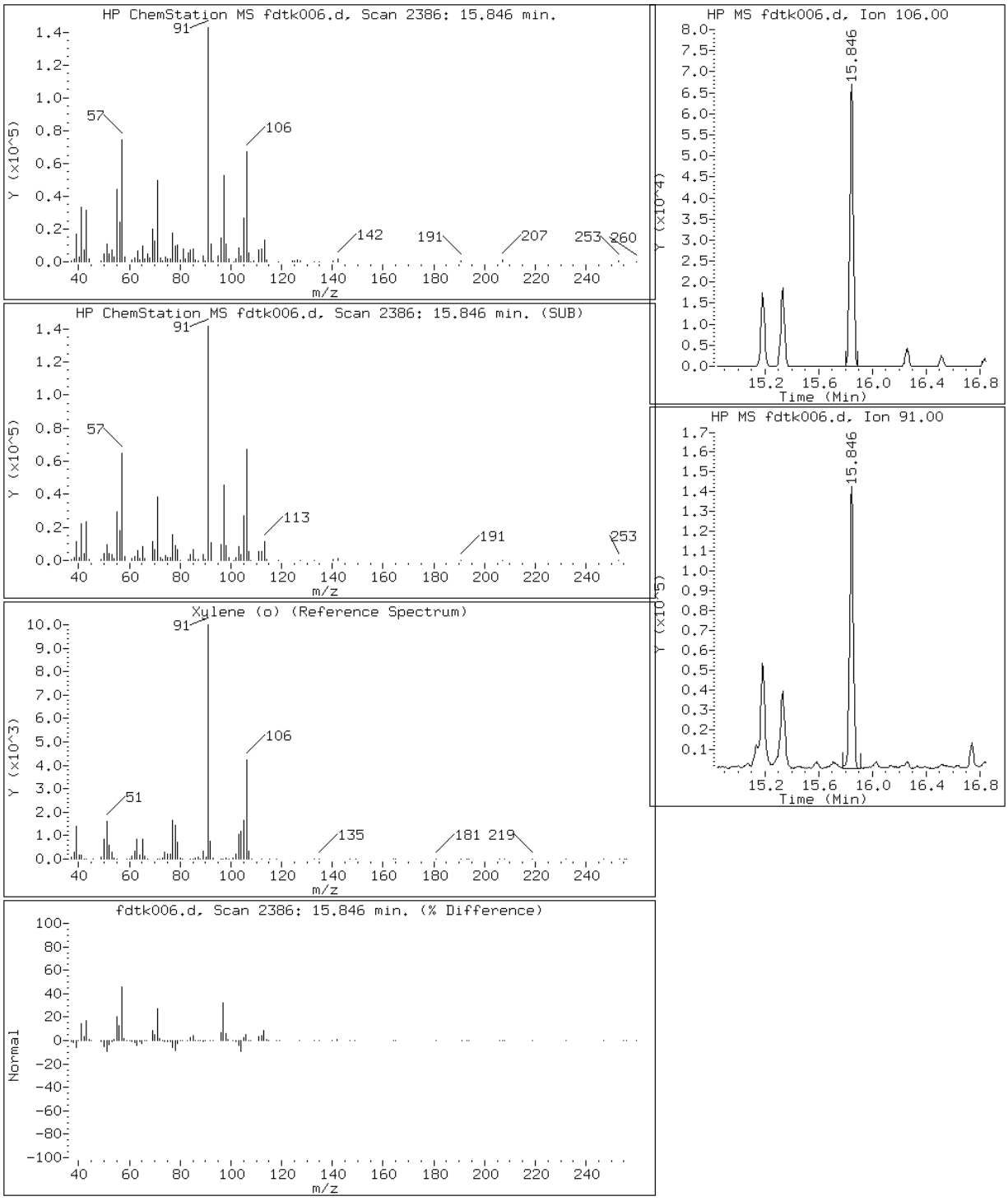
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

71 Xylene (o)



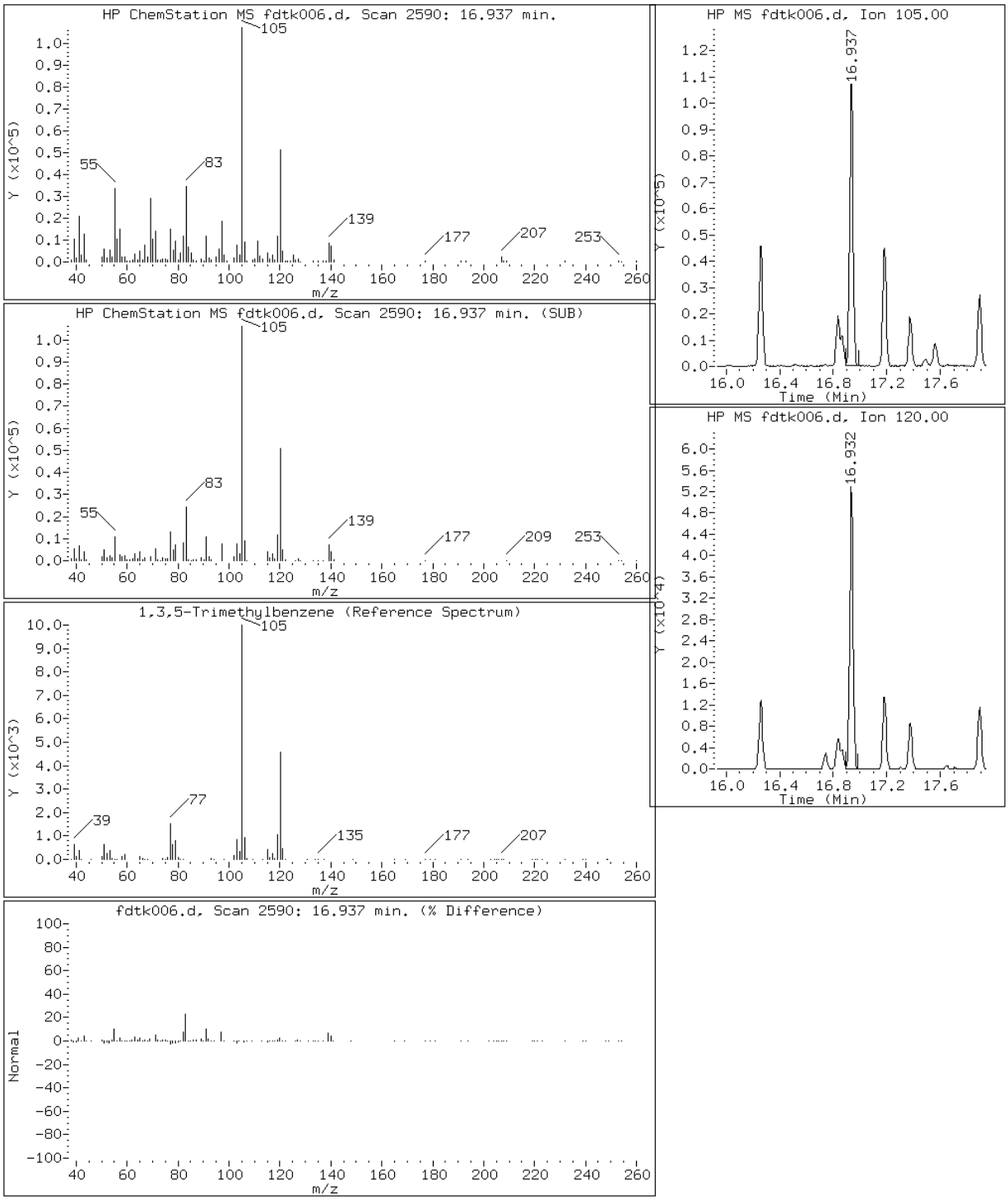
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

81 1,3,5-Trimethylbenzene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.83		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.22		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	10		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	3.0		0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.72		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	4.1		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	7.5		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.89		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.90		0.20	0.013
71-43-2	Benzene	78.11	1.3		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.33		0.20	0.015
142-82-5	n-Heptane	100.21	0.40		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	3.6		0.50	0.064
108-88-3	Toluene	92.14	3.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	1.8		0.20	0.014
179601-23-1	m,p-Xylene	106.17	4.9		0.50	0.023
95-47-6	Xylene, o-	106.17	1.3		0.20	0.050
1330-20-7	Xylene (total)	106.17	6.2		0.20	0.15
100-42-5	Styrene	104.15	1.4		0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.23		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.84		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	2.2		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.7		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	24		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	9.3		1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	2.6		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	12		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	22		15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	3.1		0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	4.2		0.93	0.061
71-43-2	Benzene	78.11	4.3		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	1.3		0.81	0.061
142-82-5	n-Heptane	100.21	1.6		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	15		2.0	0.26
108-88-3	Toluene	92.14	12		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	7.8		0.87	0.061
179601-23-1	m,p-Xylene	106.17	21		2.2	0.10
95-47-6	Xylene, o-	106.17	5.7		0.87	0.22
1330-20-7	Xylene (total)	106.17	27		0.87	0.65
100-42-5	Styrene	104.15	5.9		0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	1.1		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	4.1		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	13		1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-6
Client Smp ID: CE-VAPOR-5
Inj Date : 25-AUG-2010 19:50
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-6
Misc Info : 200,1,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 25-Aug-2010 11:00 klp Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	44679	0.47484	0.47(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.574	3.574	(0.373)	22594	0.82817	0.83
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.857	3.863	(0.403)	4815	0.19246	0.19(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	25621	0.22170	0.22
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.211	6.227	(0.649)	7143	0.08326	0.083(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.441	6.446	(0.673)	563590	10.1095	10
21 Carbon disulfide	76	6.687	6.698	(0.699)	384421	2.98122	3.0
22 Isopropanol	45	6.655	6.655	(0.695)	68524	1.72830	1.7(aM)
23 Allyl chloride	41	Compound Not Detected.					

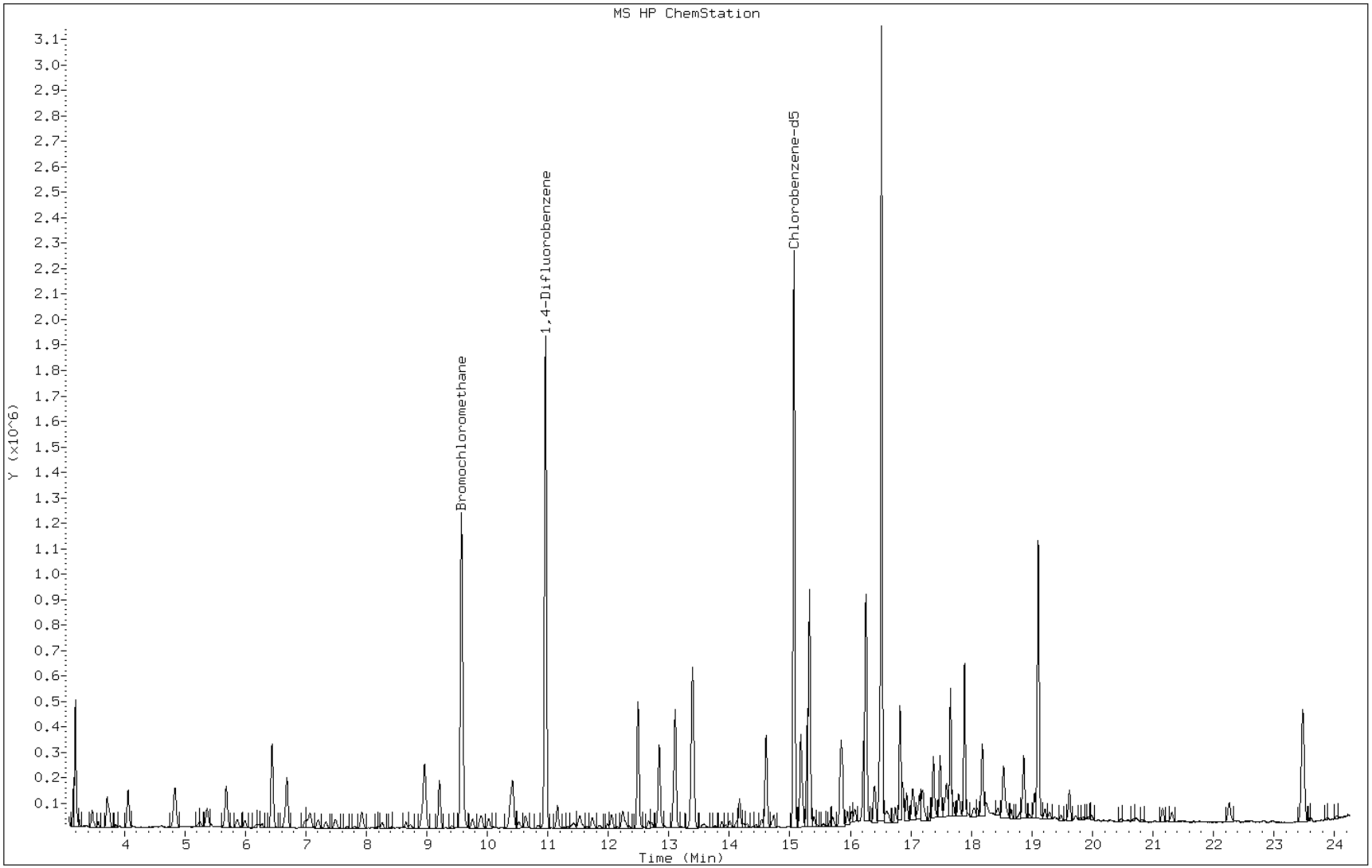
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.206	7.211	(0.753)	9681	0.24802	0.25(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.928	7.934	(0.828)	44864	0.72399	0.72
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	87951	4.14485	4.1(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	438264	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	248985	7.46854	7.5
	39 Chloroform	83	9.640	9.651	(1.007)	7924	0.08028	0.080(a)
	40 Cyclohexane	84	9.881	9.918	(0.901)	55011	0.88831	0.89(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	7642	0.07735	0.077(a)
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	168039	0.89710	0.90
	44 Benzene	78	10.421	10.432	(0.951)	194471	1.33542	1.3
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	20525	0.33173	0.33
	46 n-Heptane	43	10.630	10.641	(0.970)	24031	0.39834	0.40
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2152695	10.0000	
	49 Trichloroethene	95	11.336	11.331	(1.034)	4124	0.06536	0.065(aQ)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	268453	3.58846	3.6
	58 Toluene	92	13.107	13.118	(0.870)	246744	3.05874	3.1
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.872	13.883	(0.921)	10006	0.15534	0.16(a)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.065	15.076	(1.000)	1634310	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.177	15.188	(1.007)	329884	1.79871	1.8
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	347327	4.88212	4.9
M	70 Xylenes, Total	106				441218	6.20626	6.2
	71 Xylene (o)	106	15.840	15.846	(1.051)	93891	1.32414	1.3
	72 Styrene	104	15.867	15.873	(1.053)	144757	1.37443	1.4
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	43640	0.20019	0.20(M)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	41319	0.23123	0.23
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	152867	0.83616	0.84
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.188)	276162	2.16348	2.2
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtk007.d	Date:	25-AUG-2010 19:50
Client ID:	CE-VAPOR-5	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-6		
Lab Sample ID:	200-1086-6		



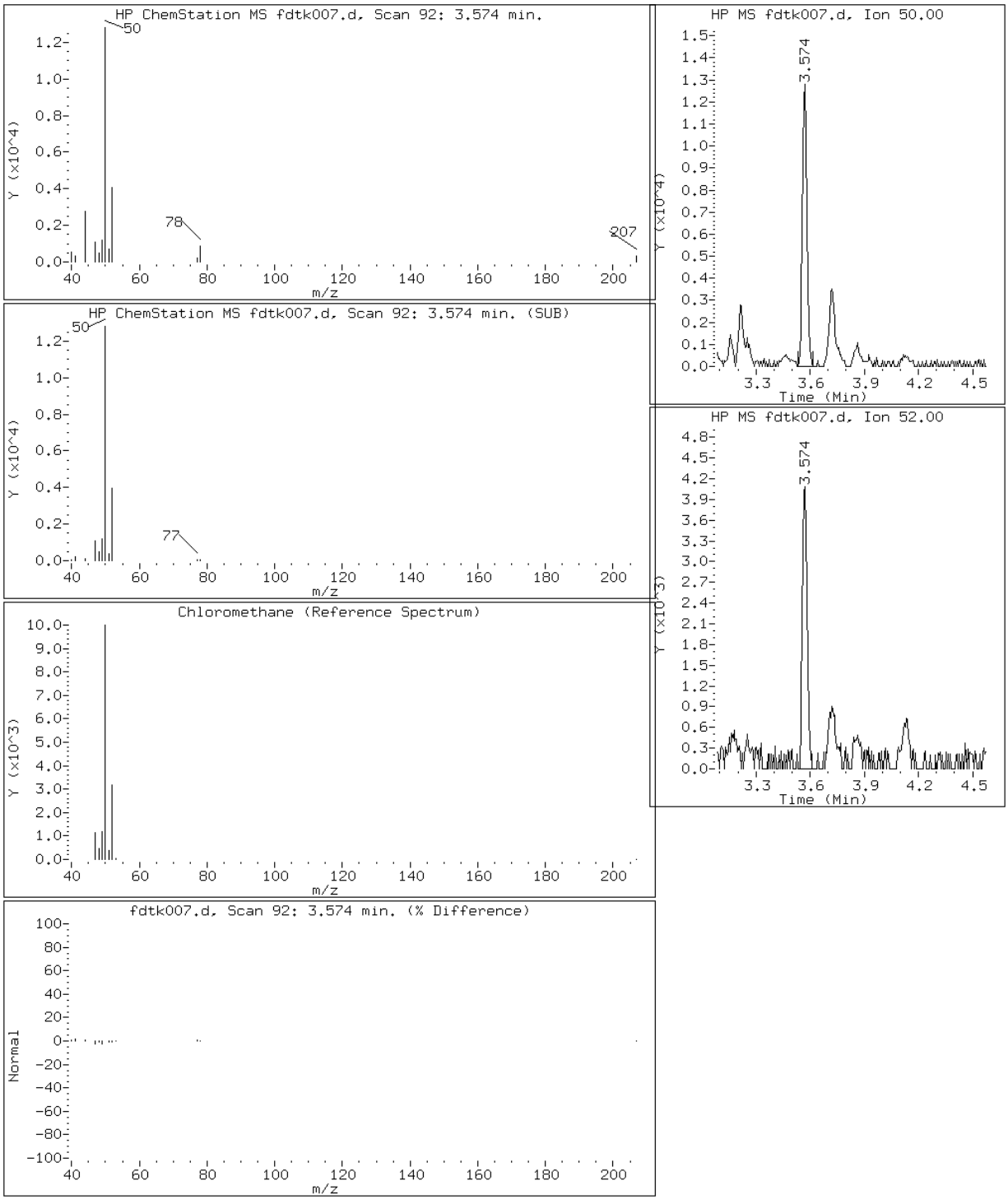
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

5 Chloromethane



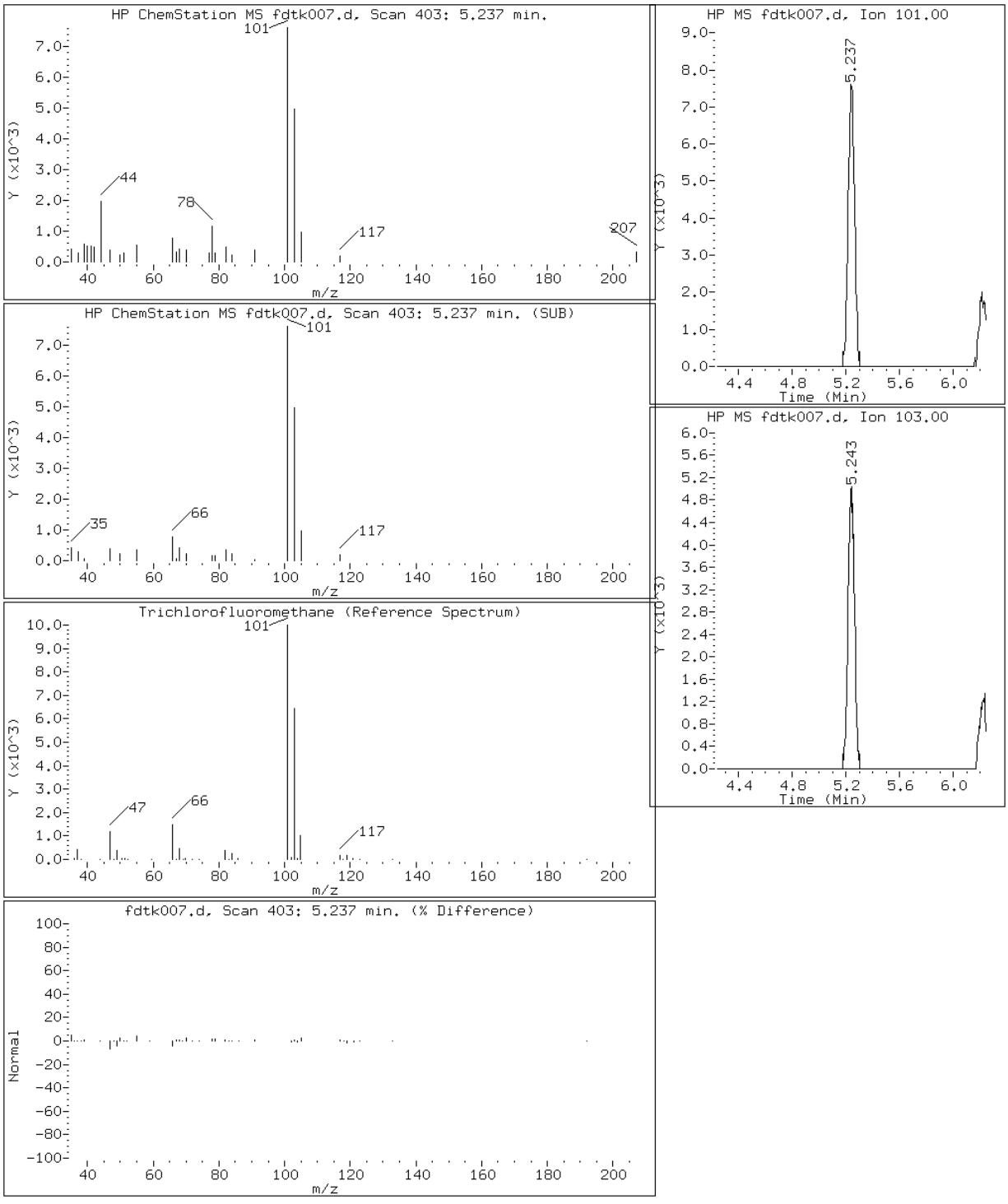
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

13 Trichlorofluoromethane



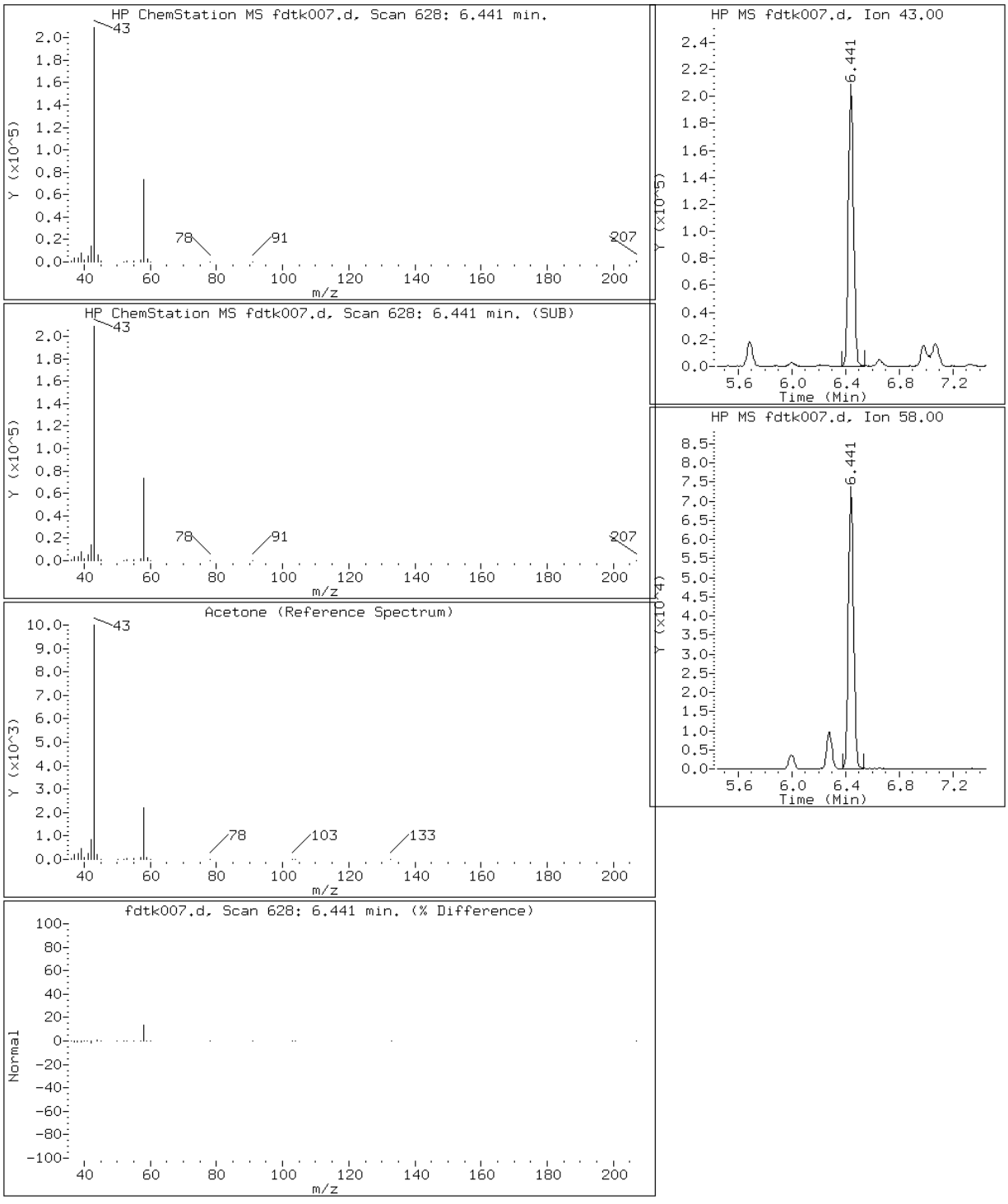
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

20 Acetone



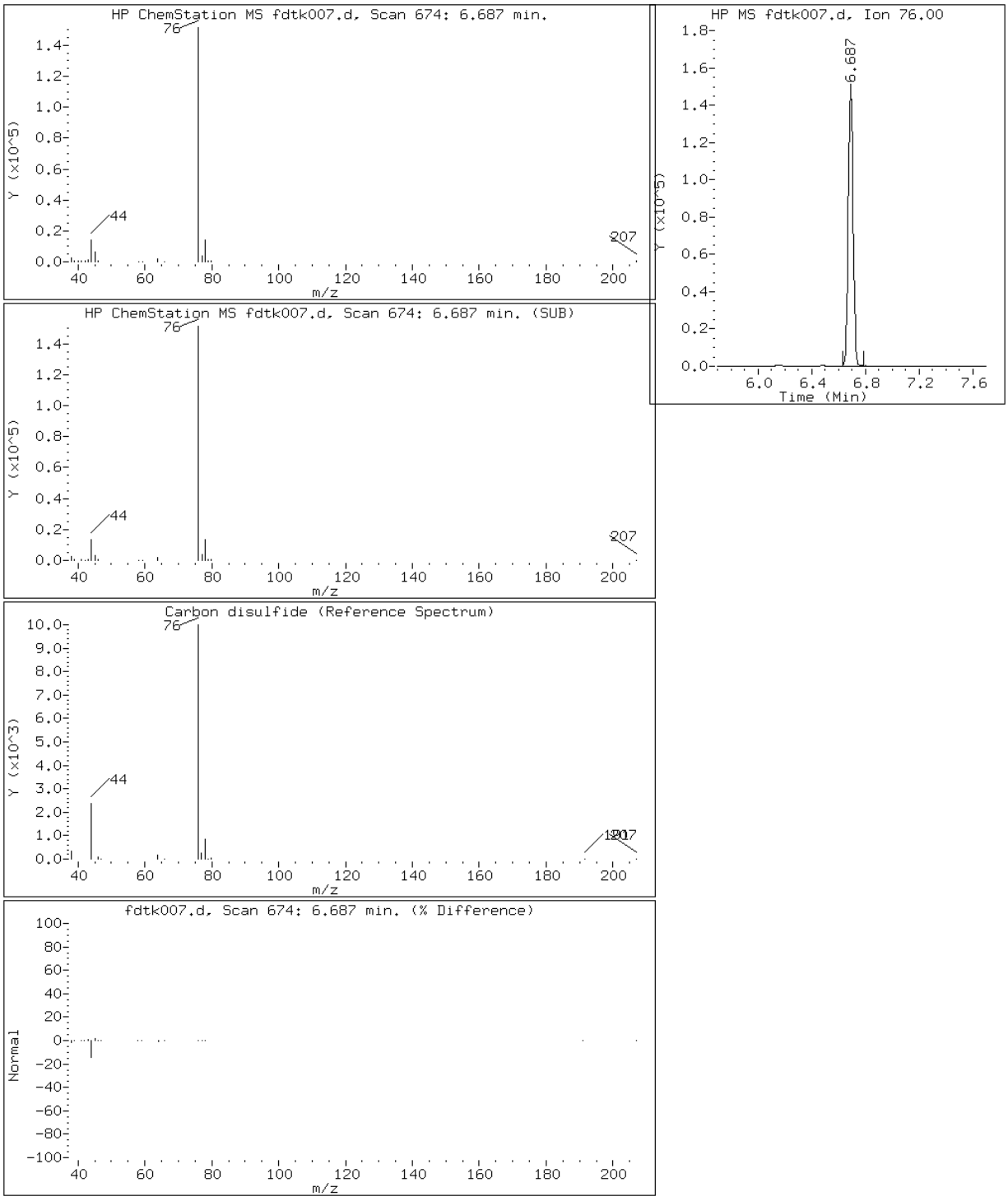
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

21 Carbon disulfide



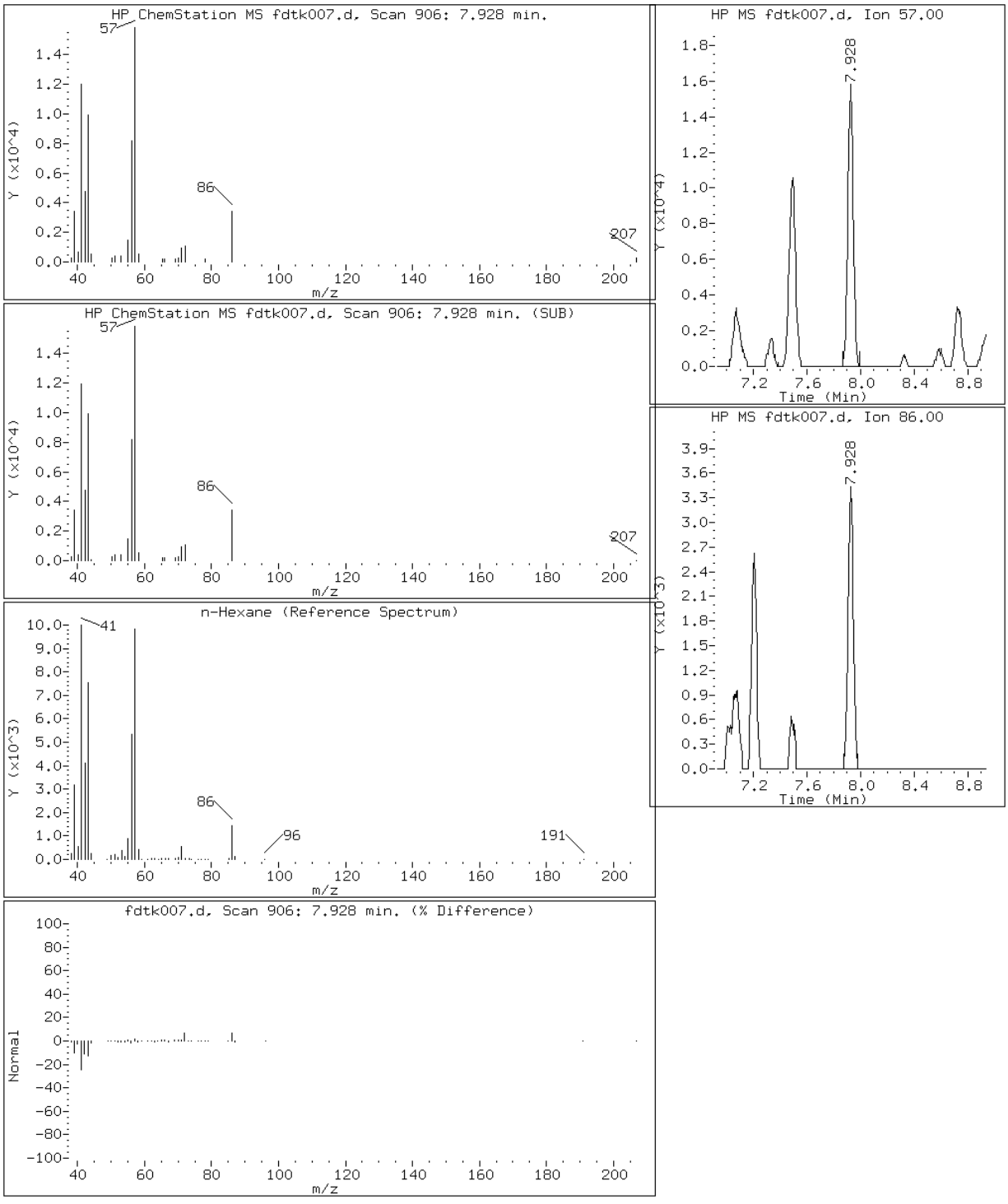
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

30 n-Hexane



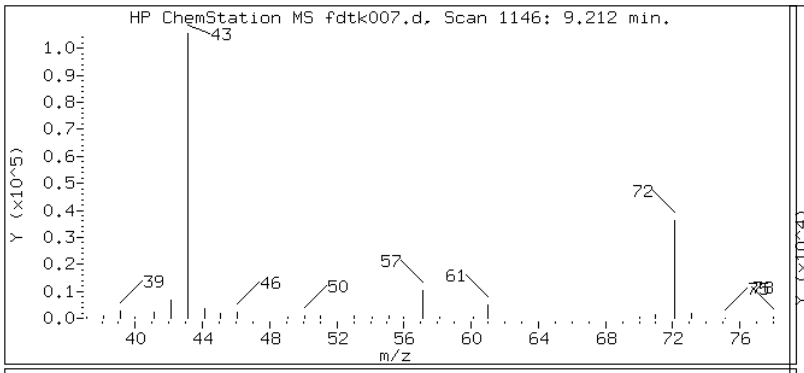
Data File: fdtk007.d

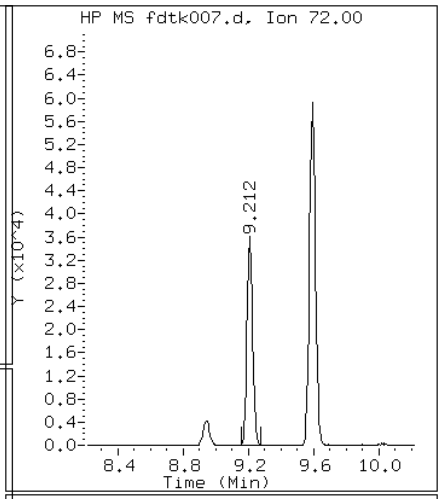
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

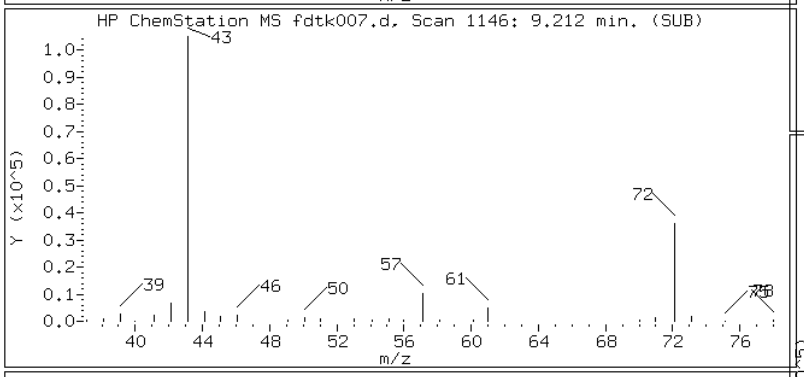
Client ID: CE-VAPOR-5 Instrument: F.i

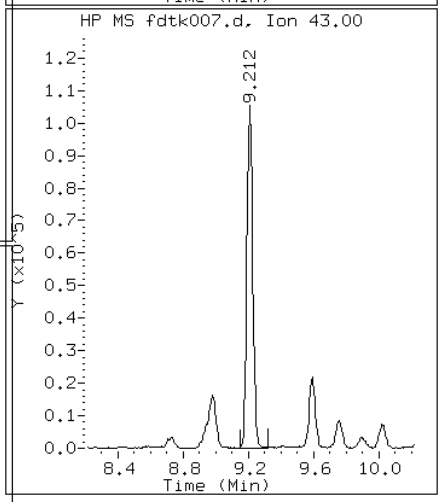
Sample Info: 200-1086-A-6 Operator: wrd

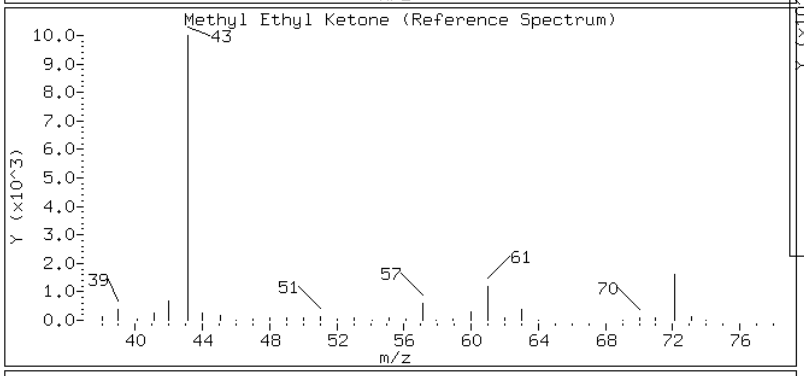
36 Methyl Ethyl Ketone

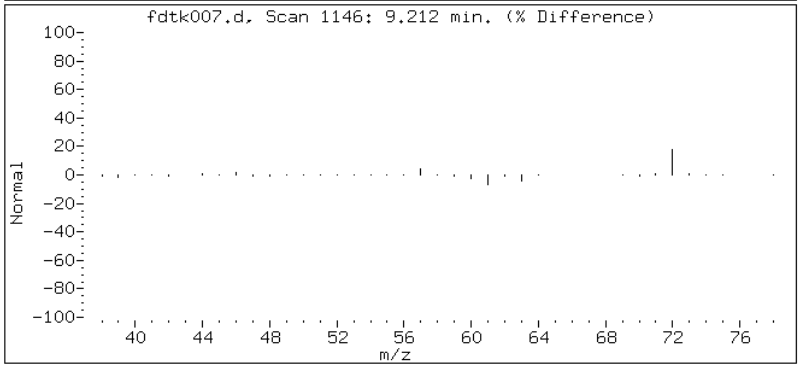












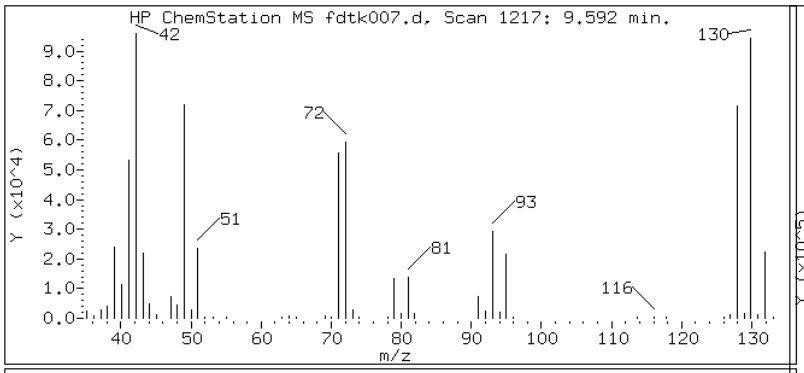
Data File: fdtk007.d

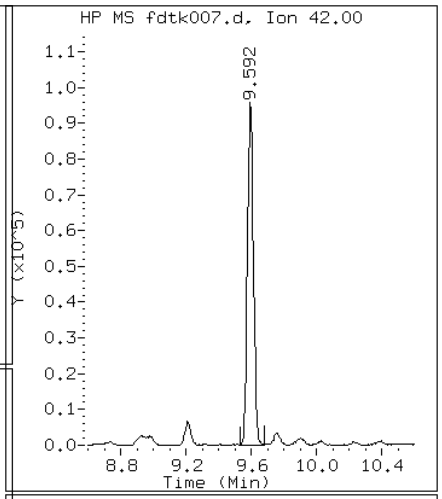
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

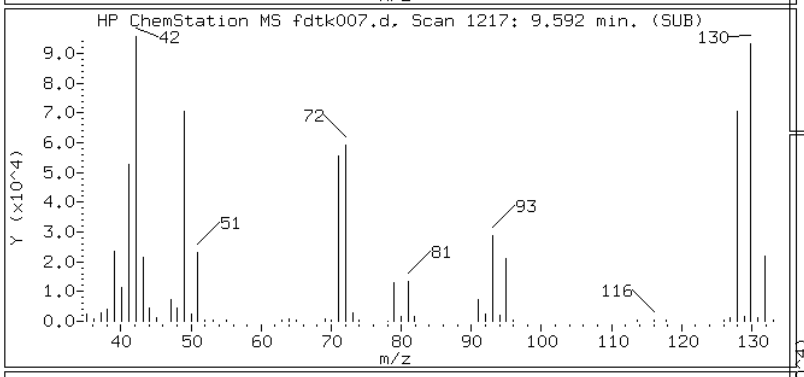
Client ID: CE-VAPOR-5 Instrument: F.i

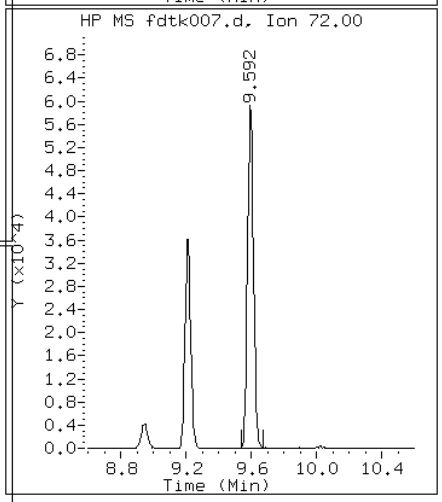
Sample Info: 200-1086-A-6 Operator: wrd

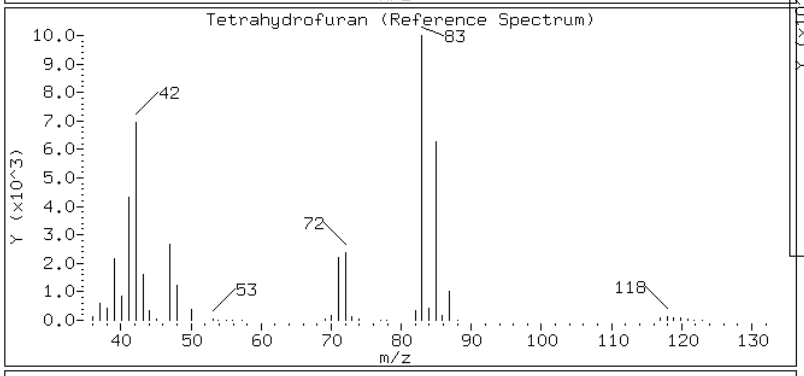
38 Tetrahydrofuran

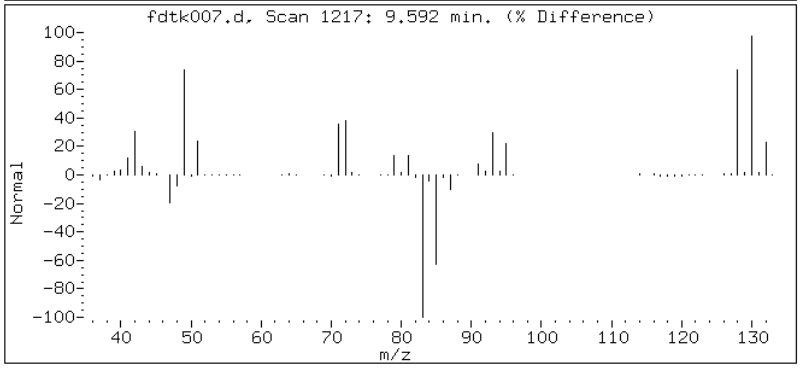












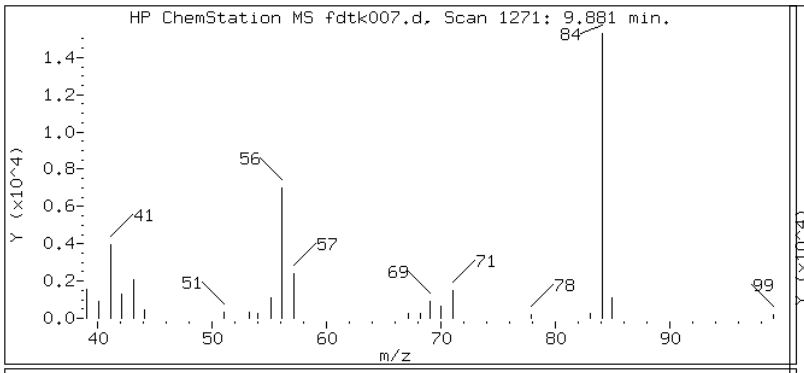
Data File: fdtk007.d

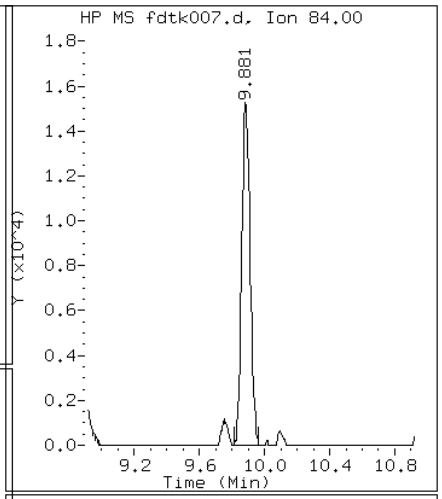
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

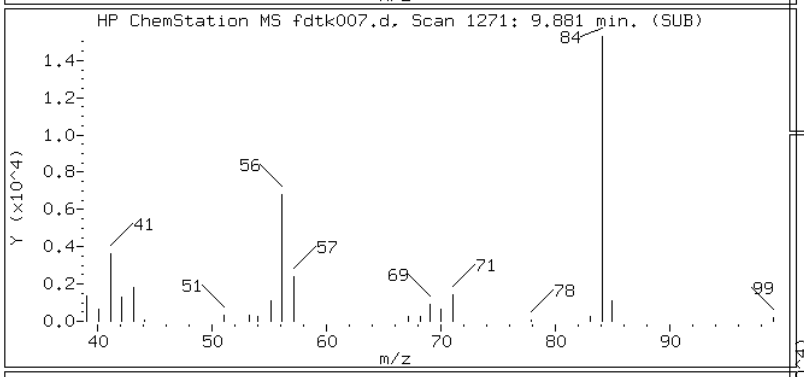
Client ID: CE-VAPOR-5 Instrument: F.i

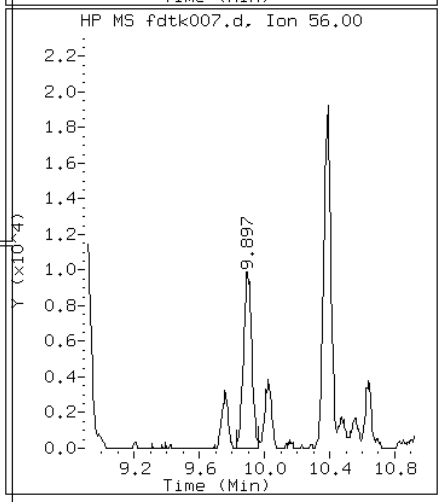
Sample Info: 200-1086-A-6 Operator: wrd

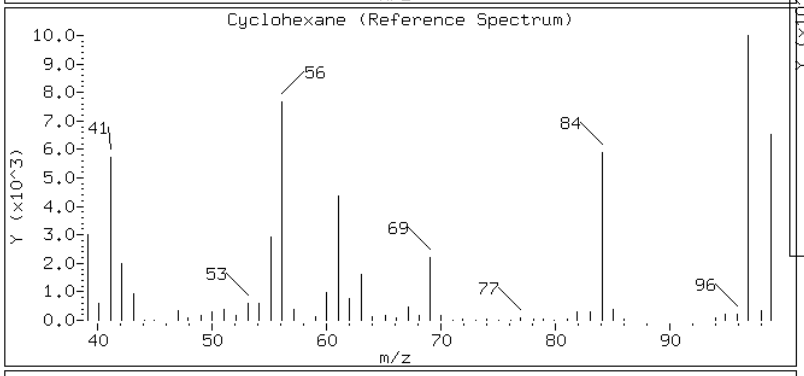
40 Cyclohexane

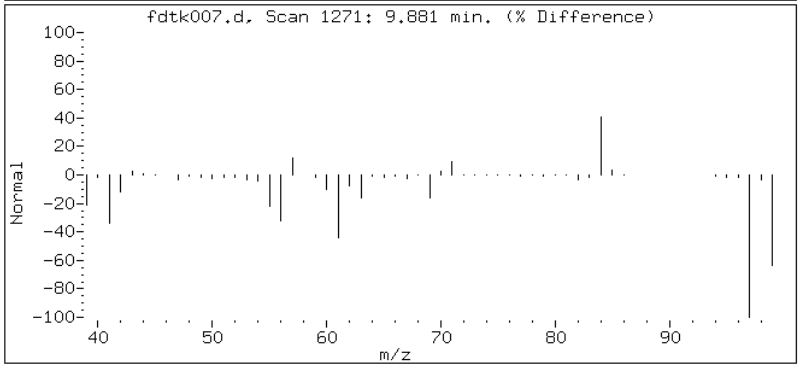












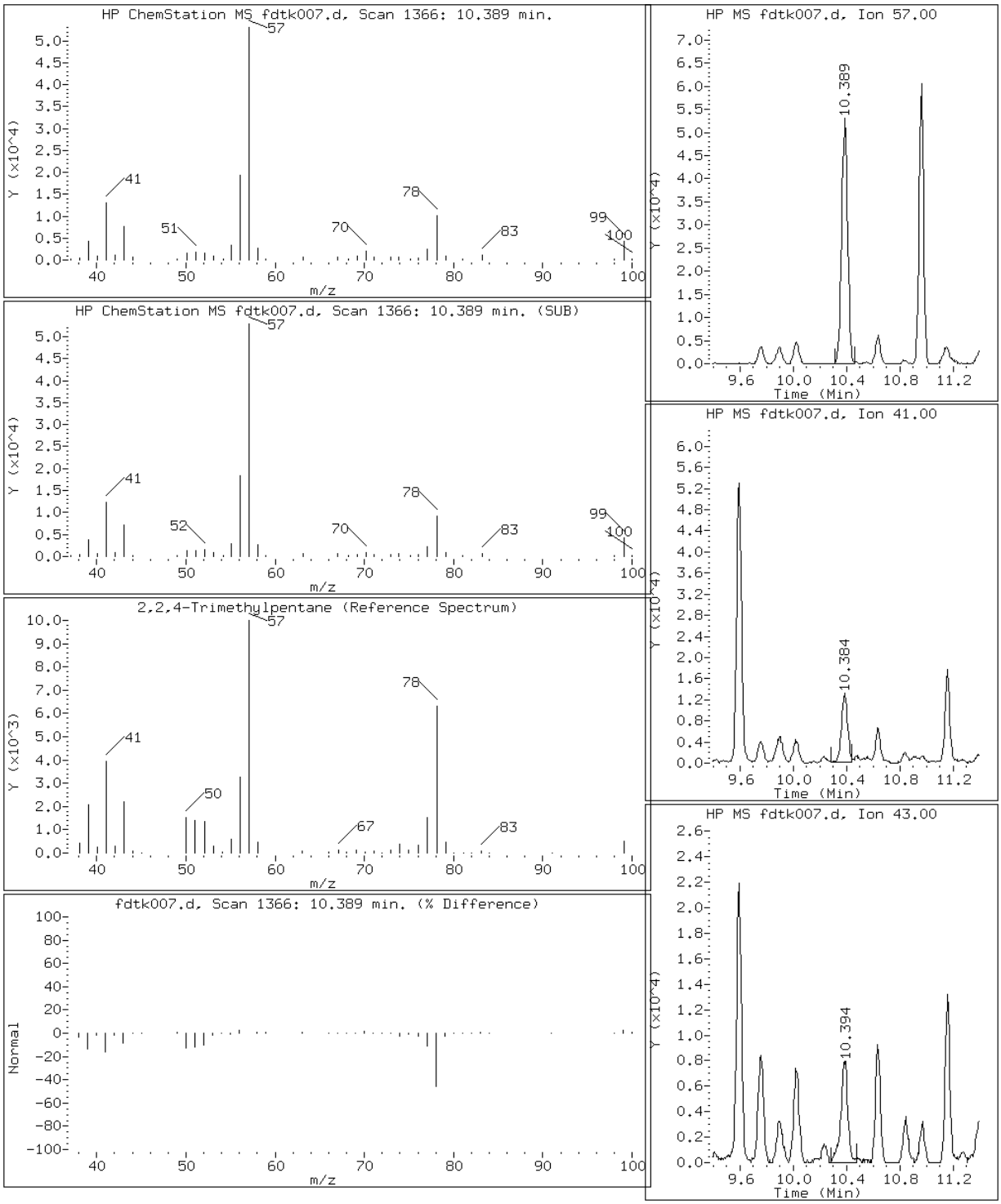
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

43 2,2,4-Trimethylpentane



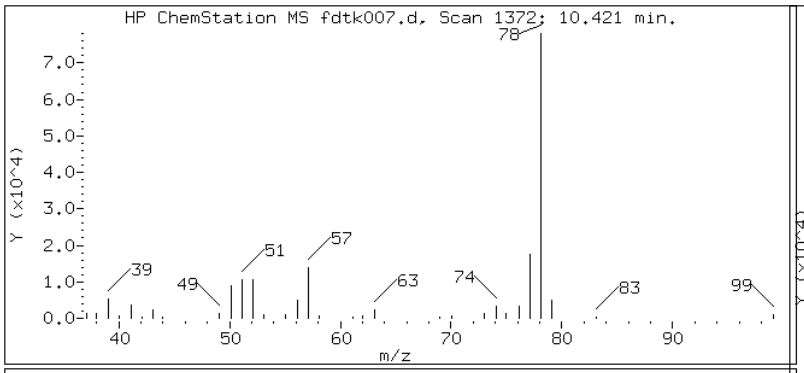
Data File: fdtk007.d

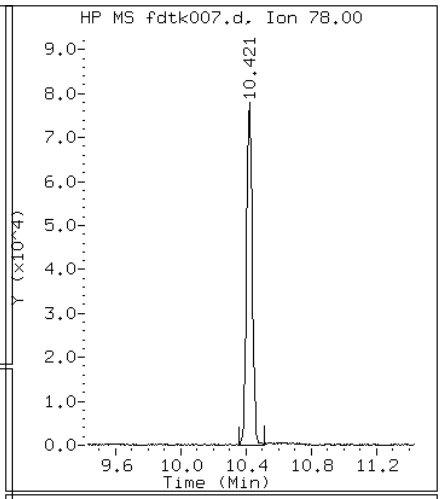
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

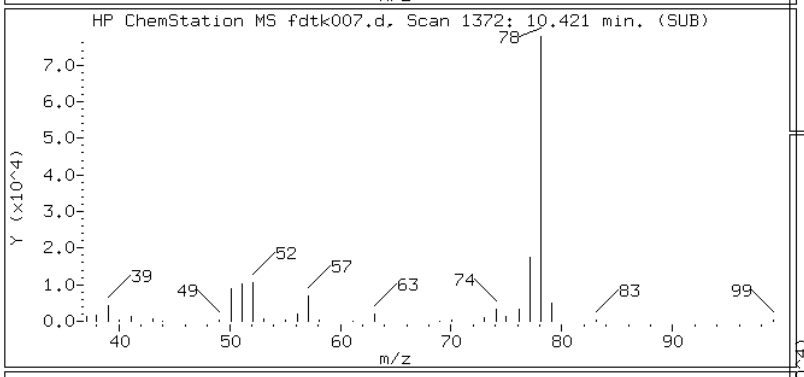
Client ID: CE-VAPOR-5 Instrument: F.i

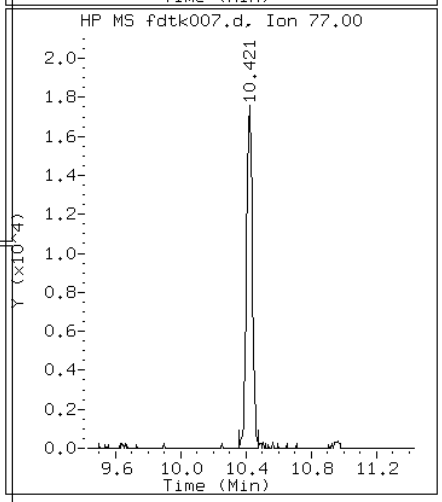
Sample Info: 200-1086-A-6 Operator: wrd

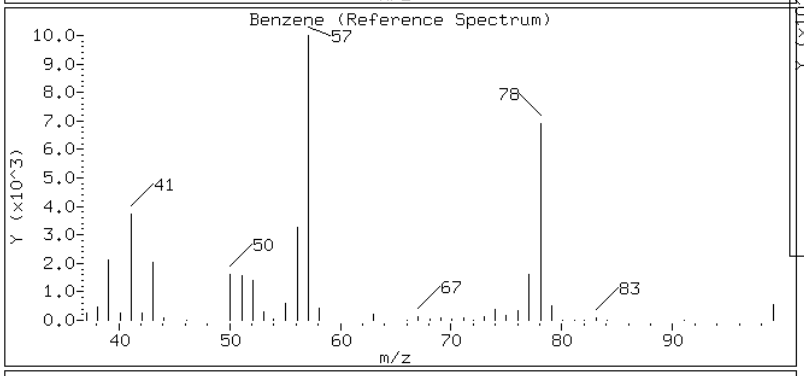
44 Benzene

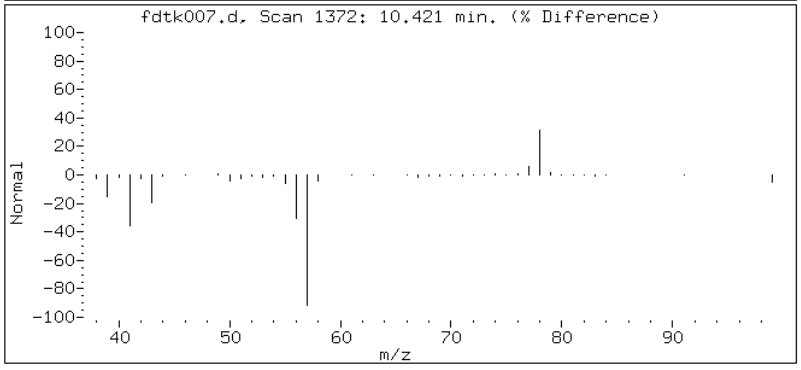












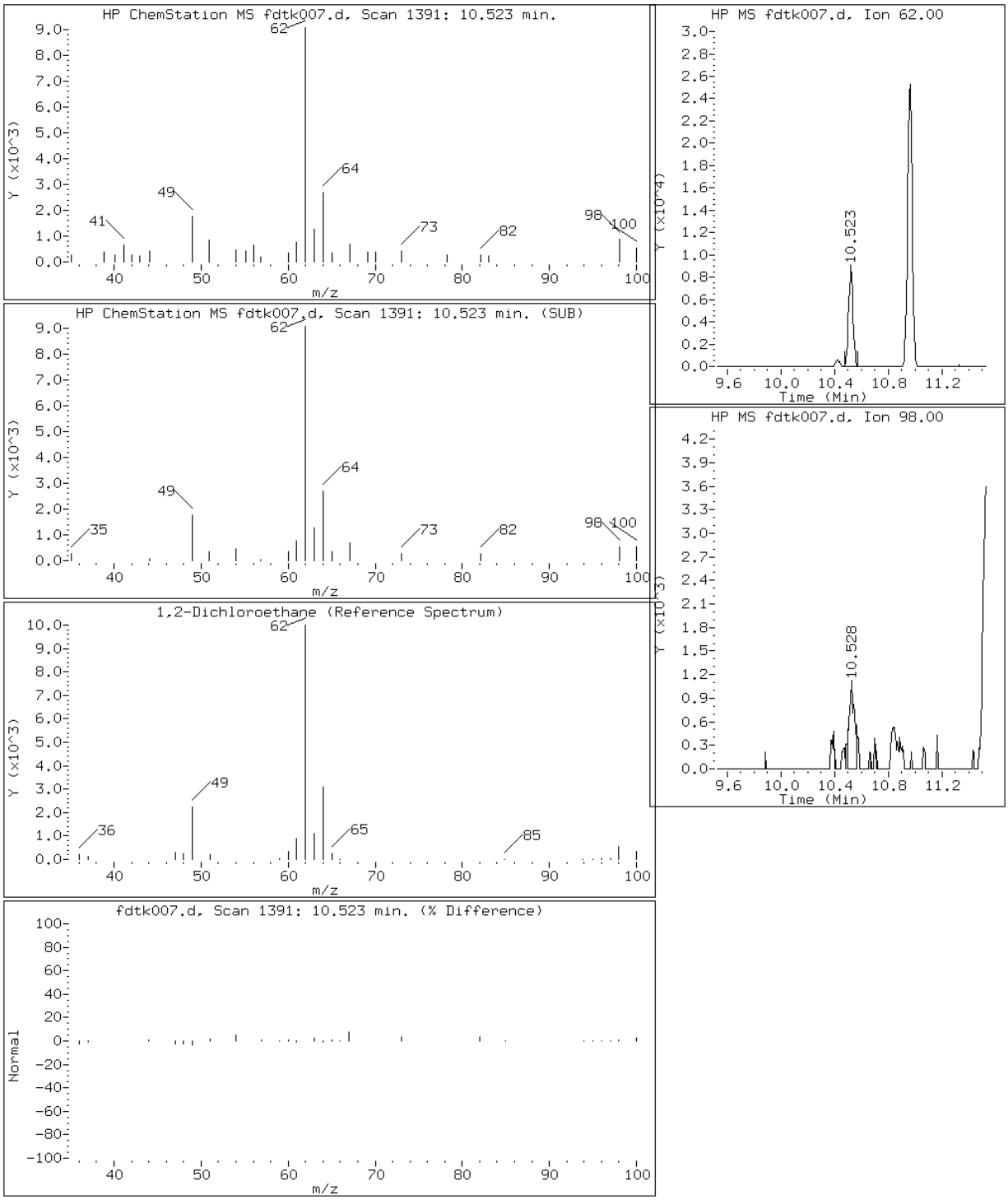
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

45 1,2-Dichloroethane



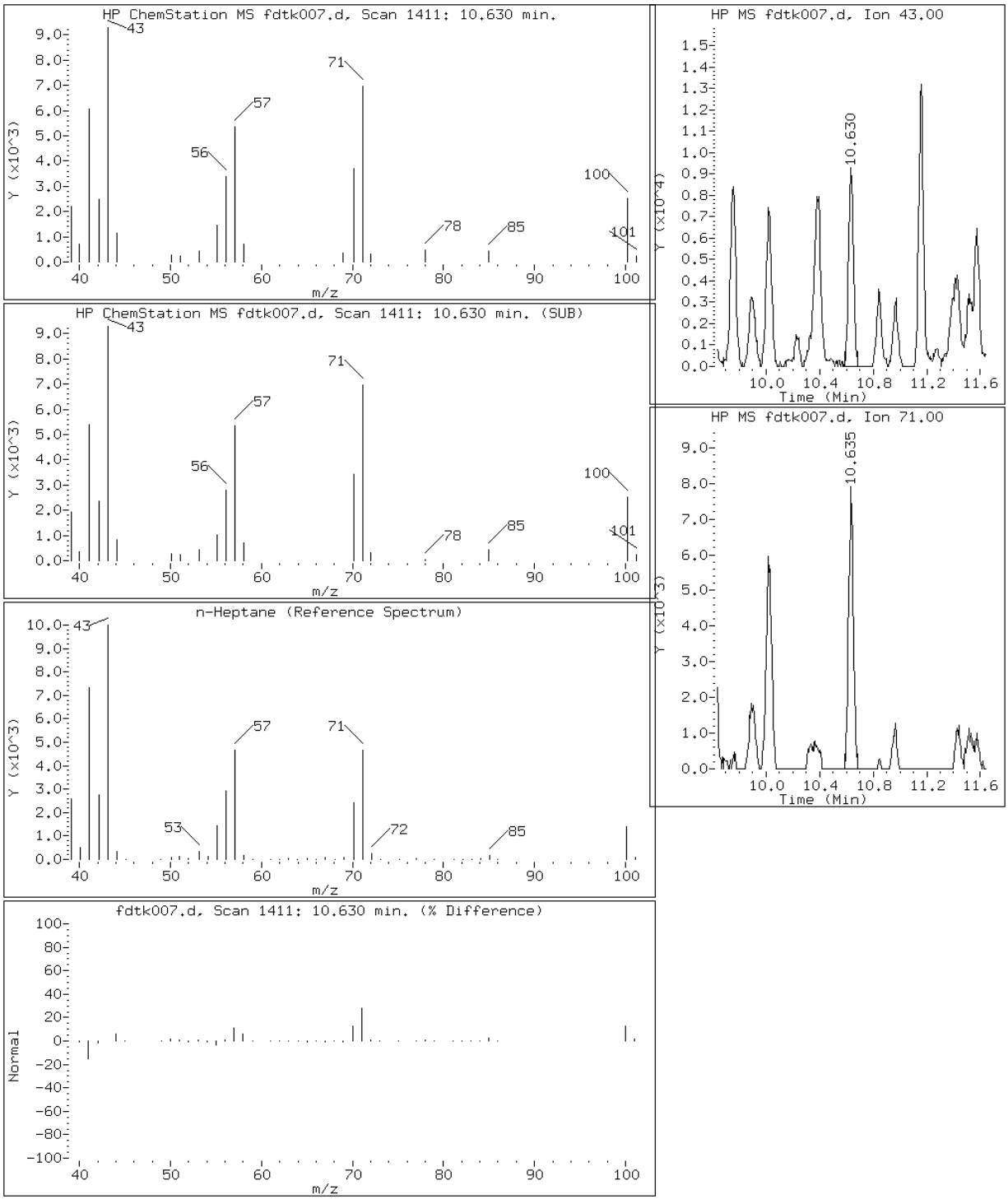
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

46 n-Heptane



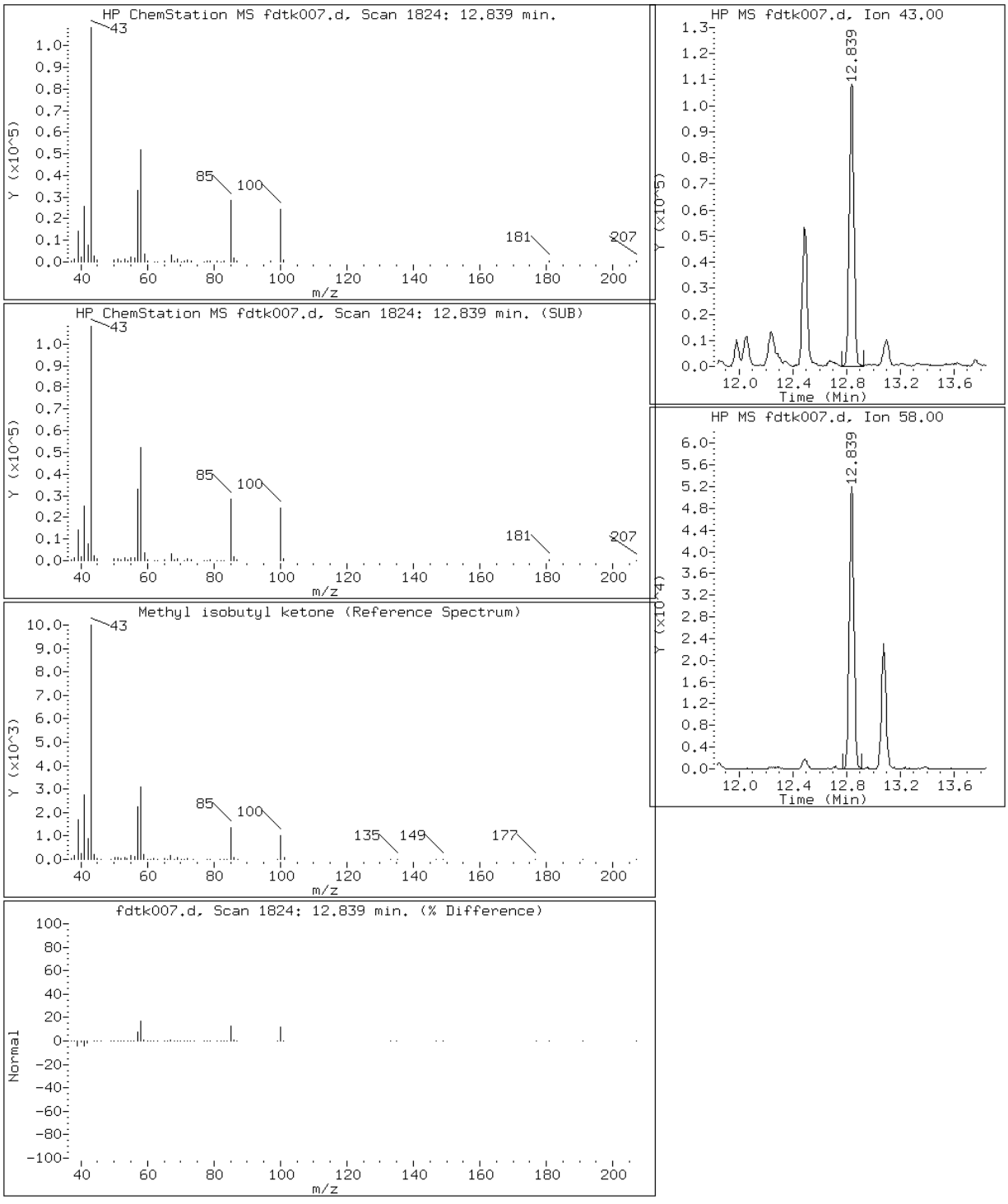
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

56 Methyl isobutyl ketone



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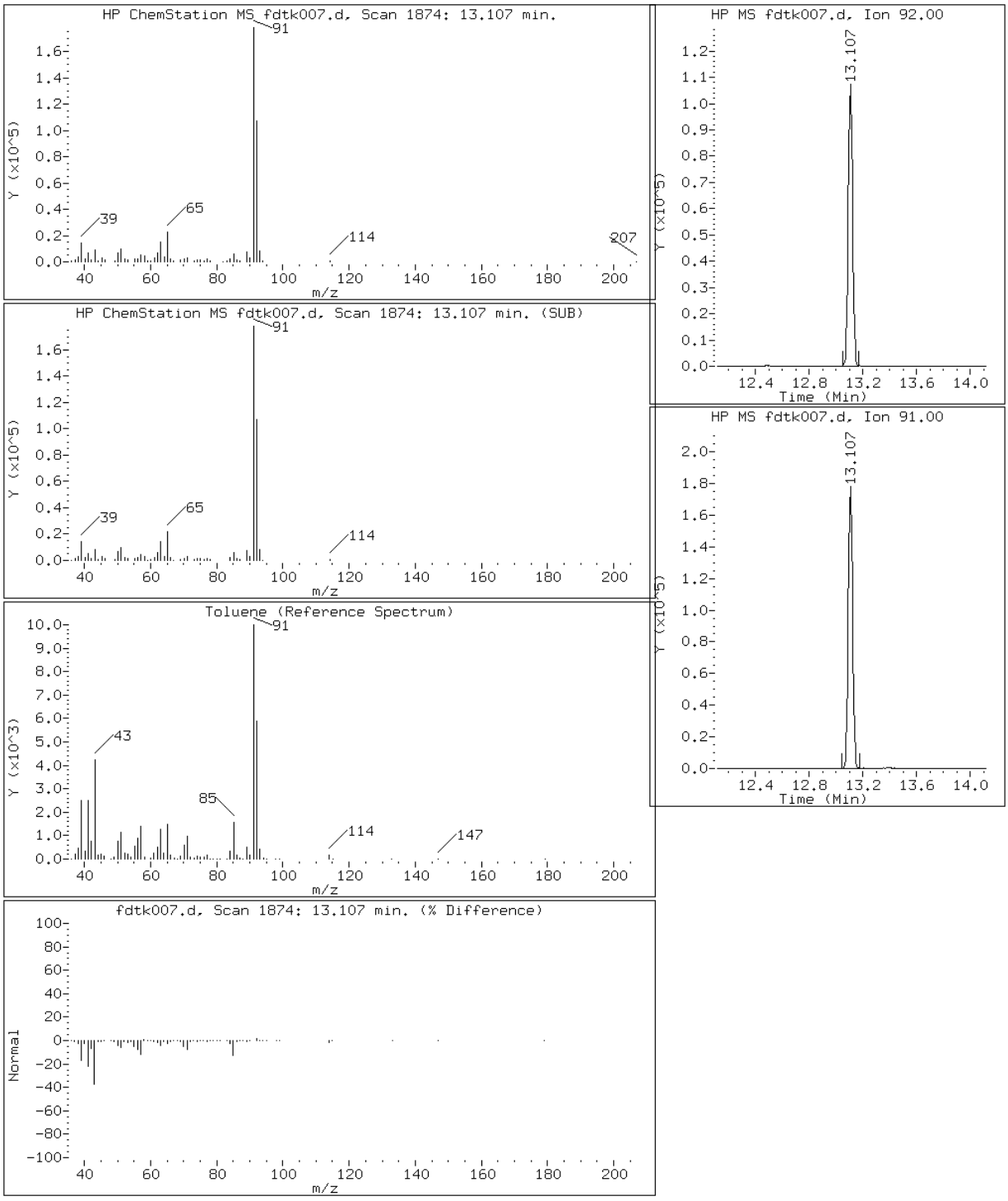
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

58 Toluene



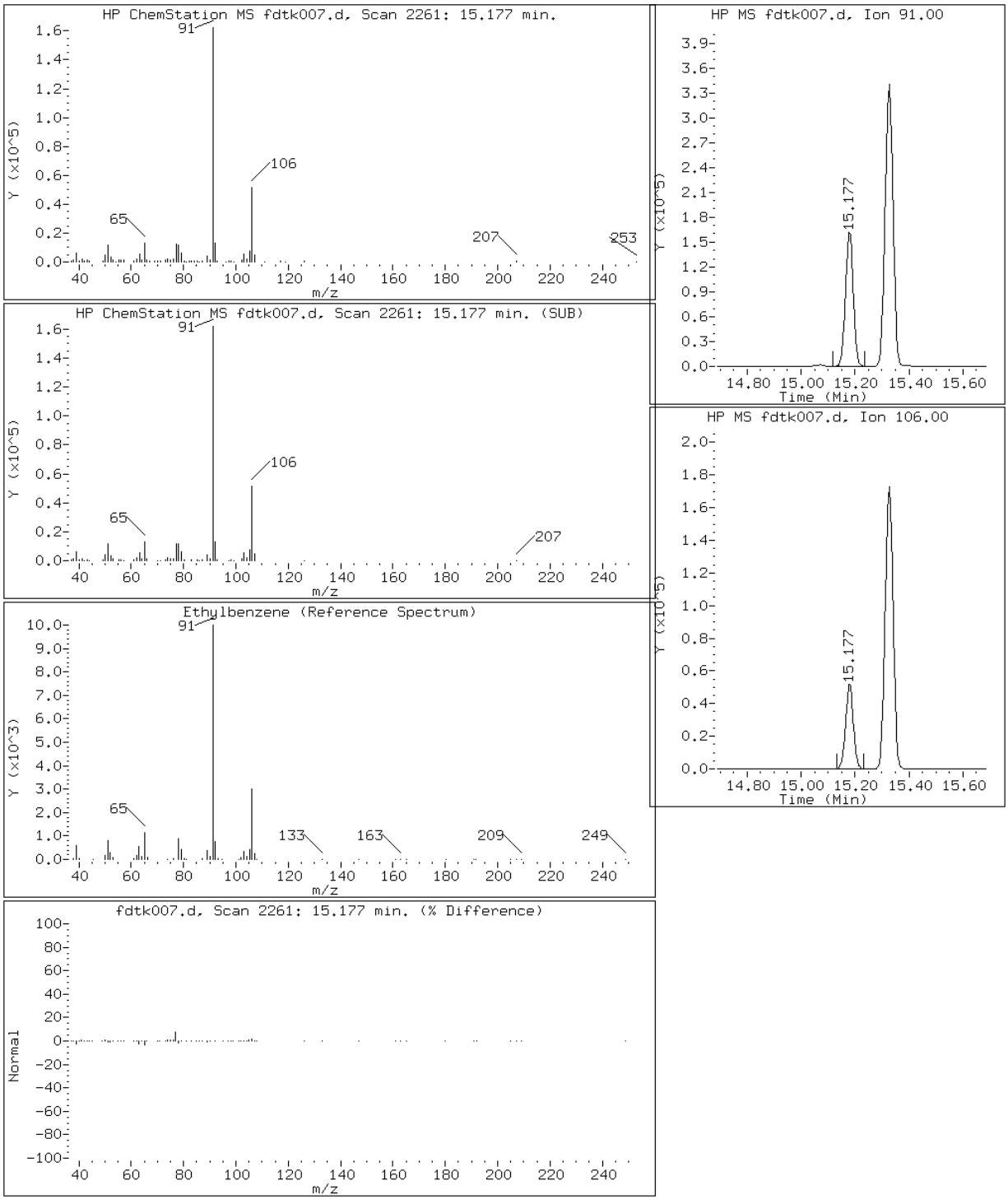
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

68 Ethylbenzene



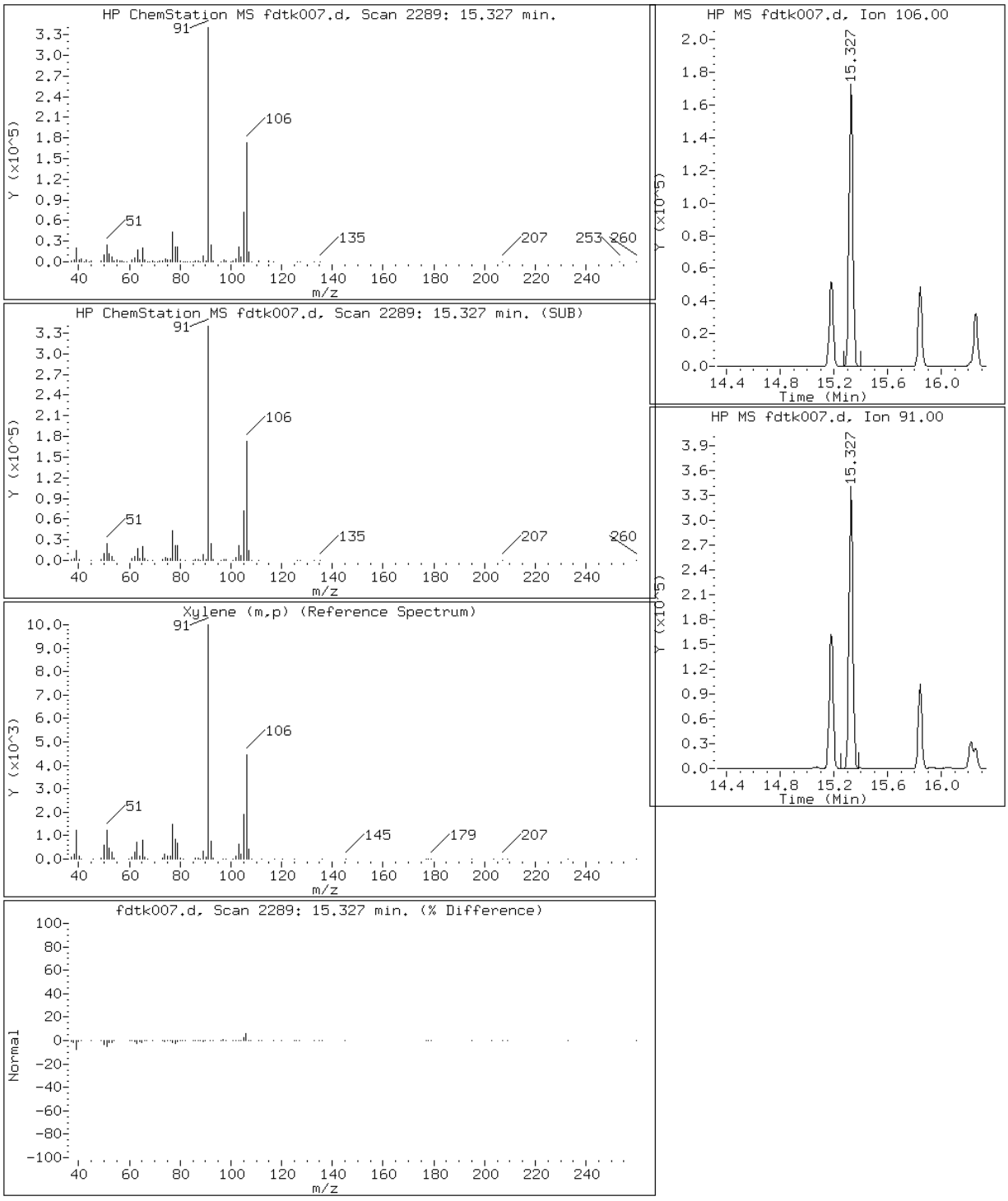
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

69 Xylene (m,p)



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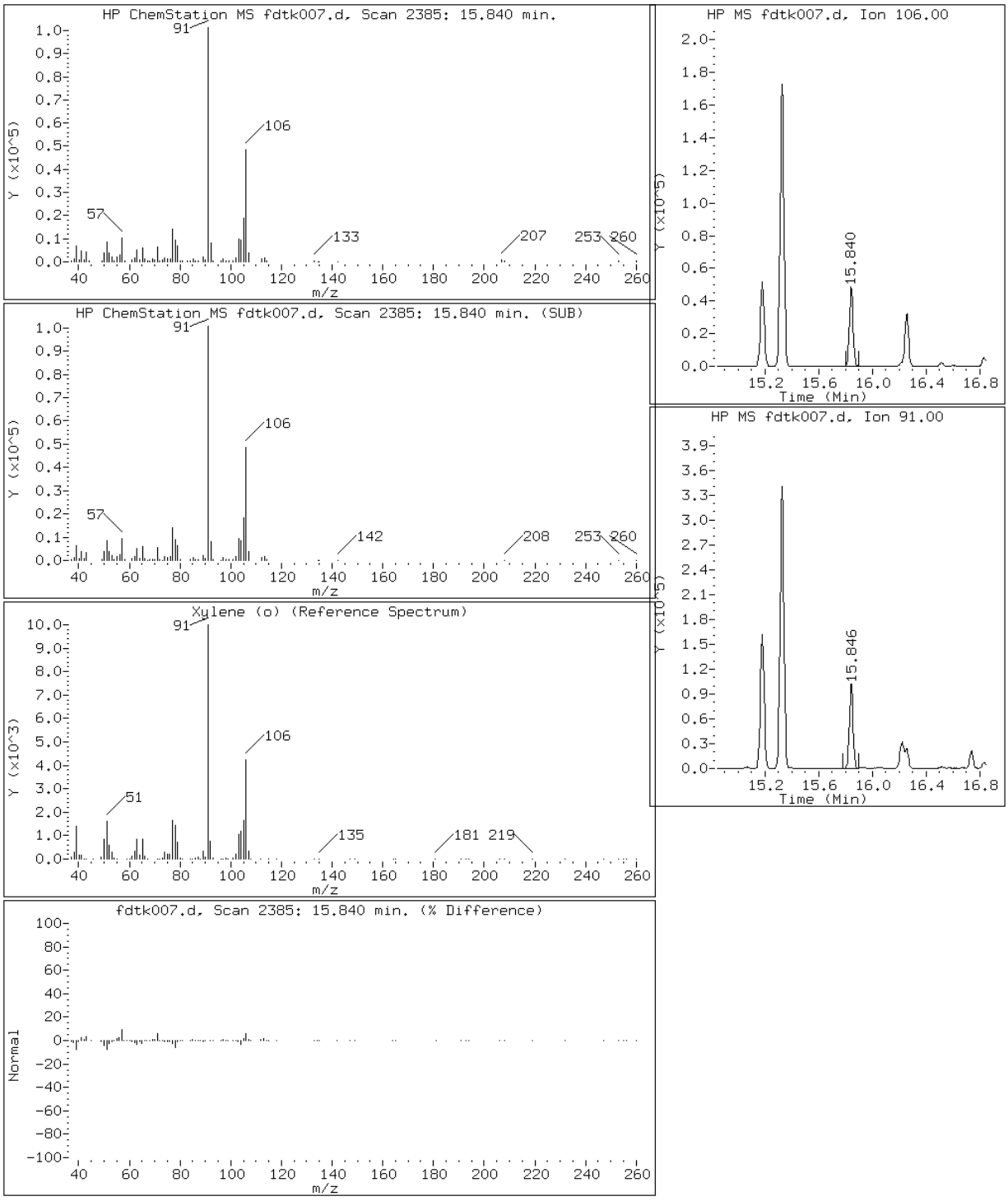
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

71 Xylene (o)



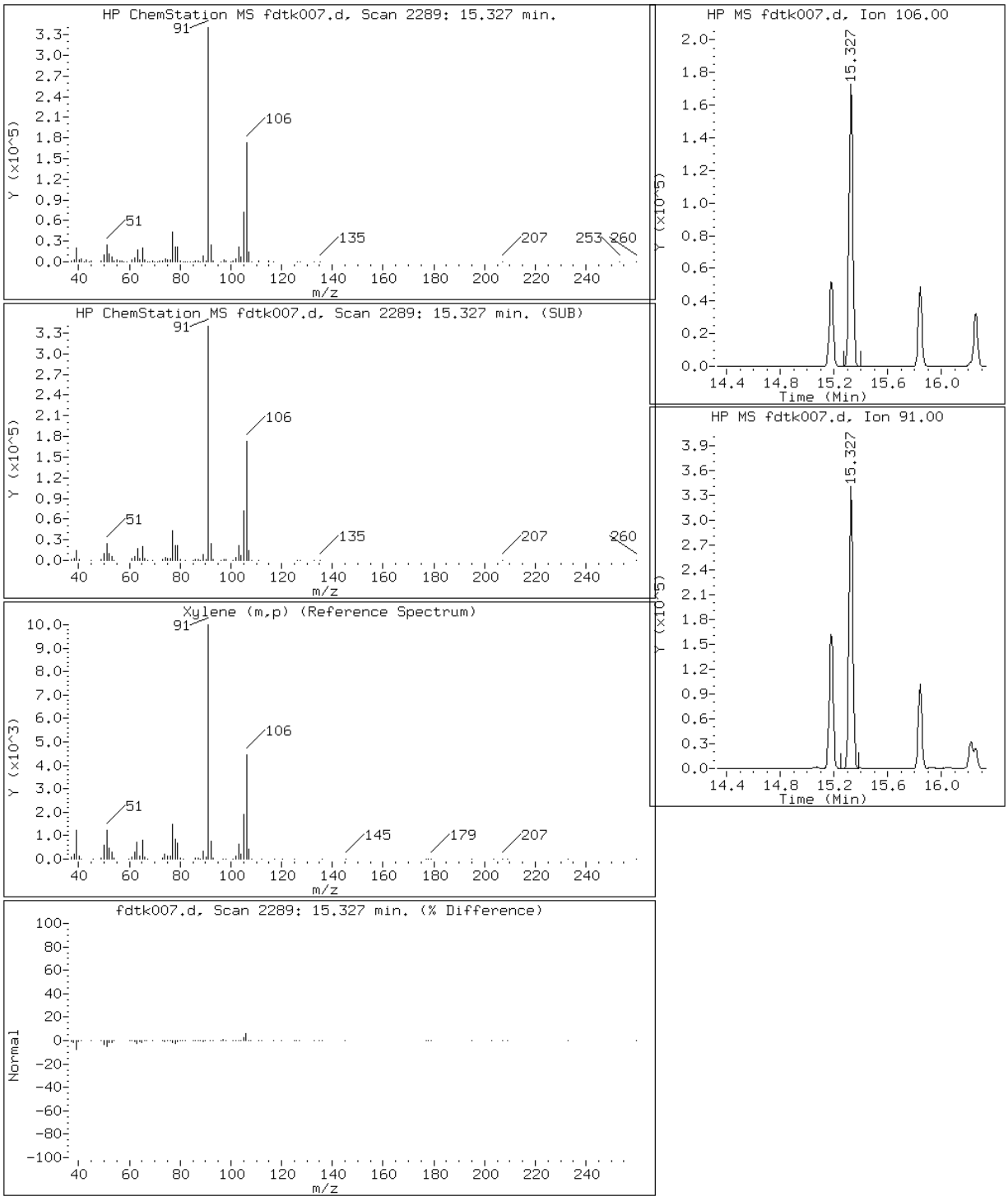
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

69 Xylene (m,p)



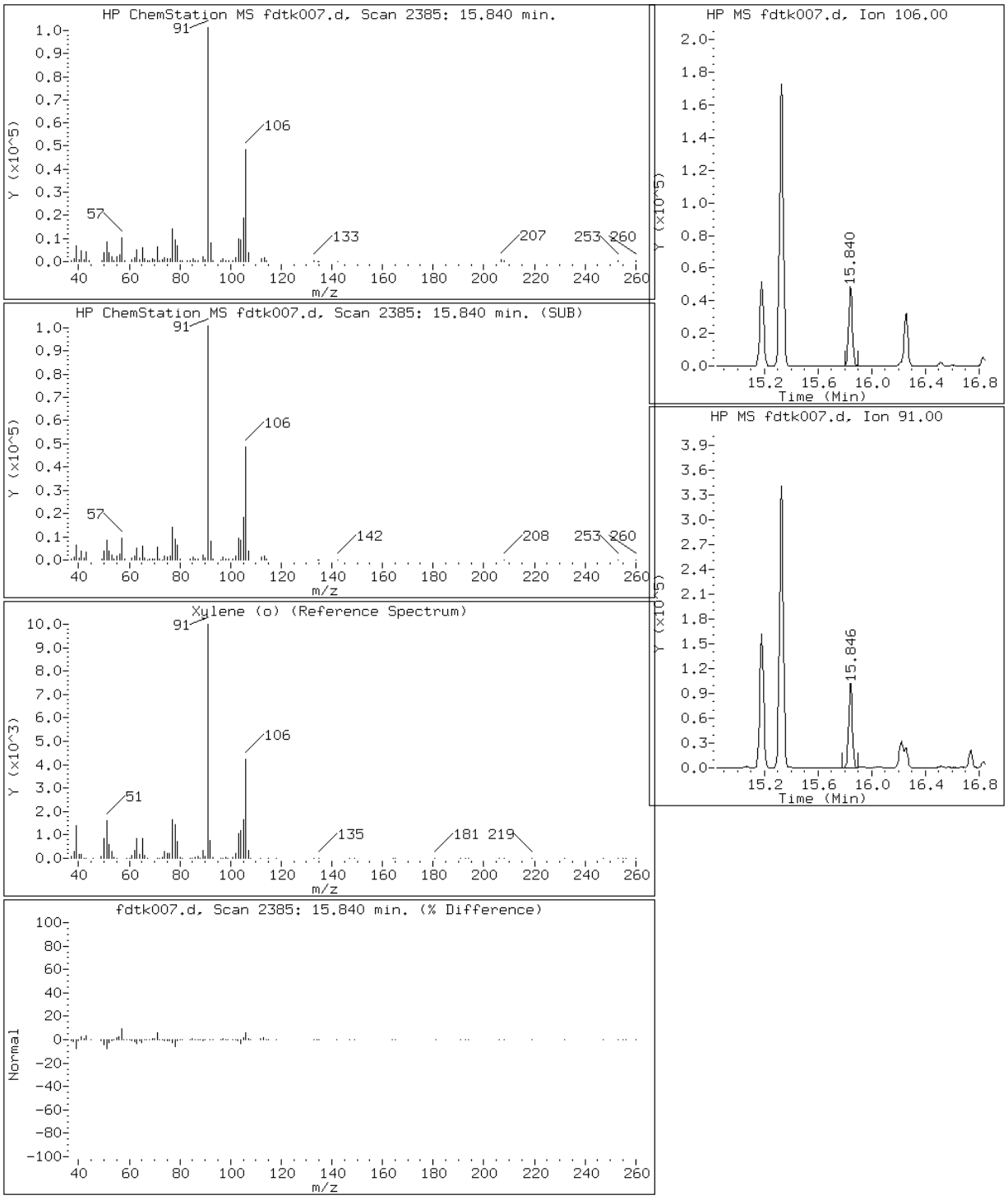
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

71 Xylene (o)



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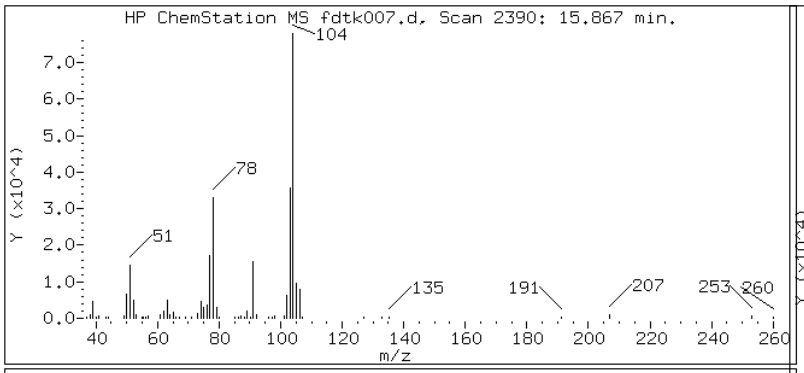
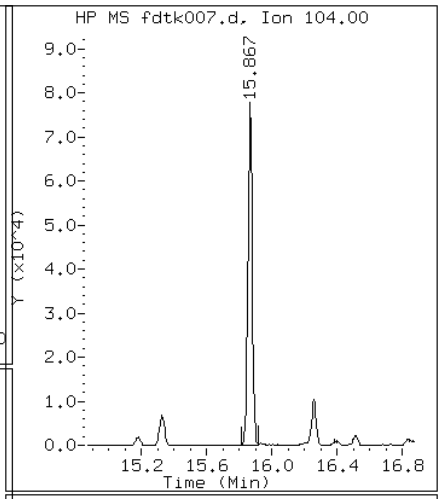
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

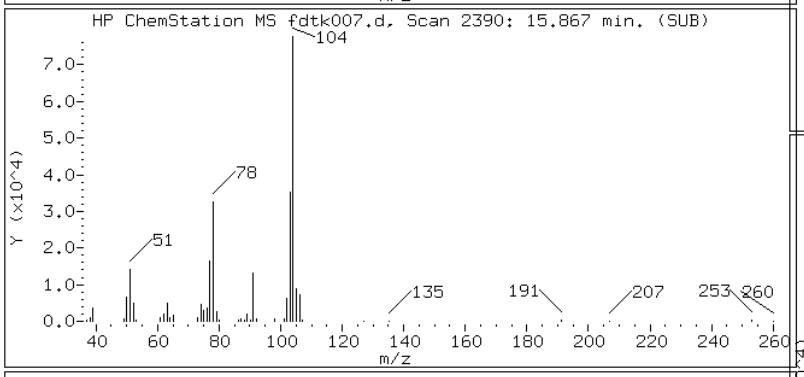
Client ID: CE-VAPOR-5 Instrument: F.i

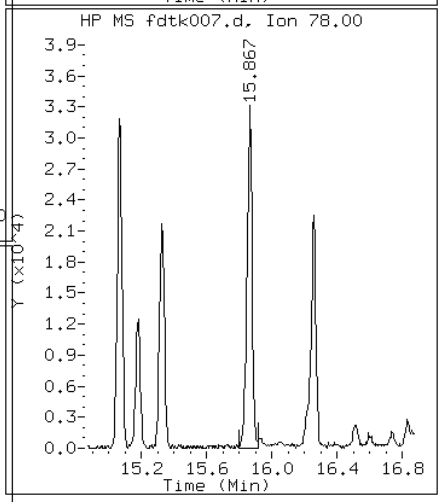
Sample Info: 200-1086-A-6 Operator: wrd

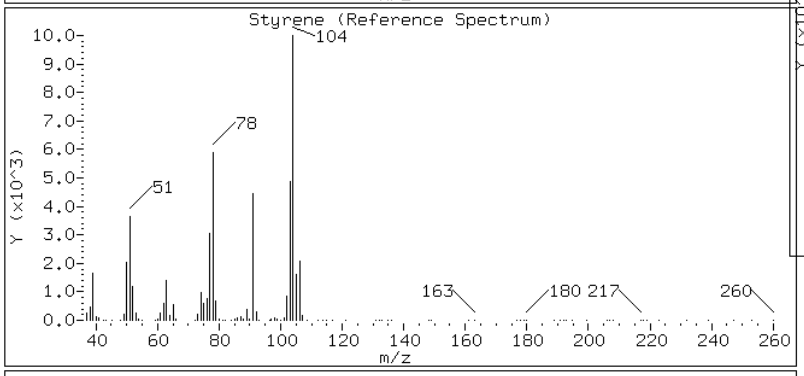
72 Styrene

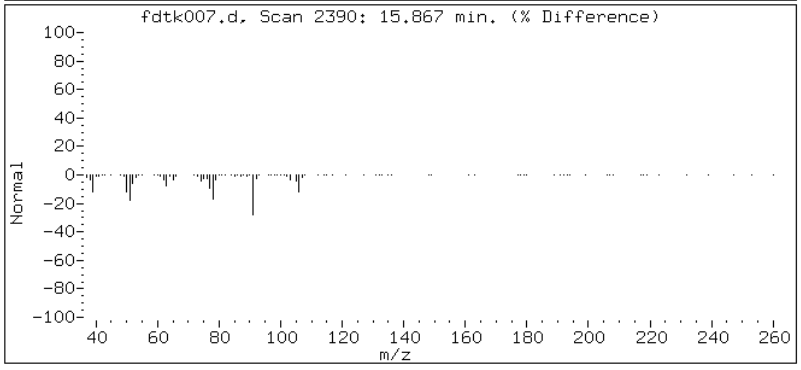












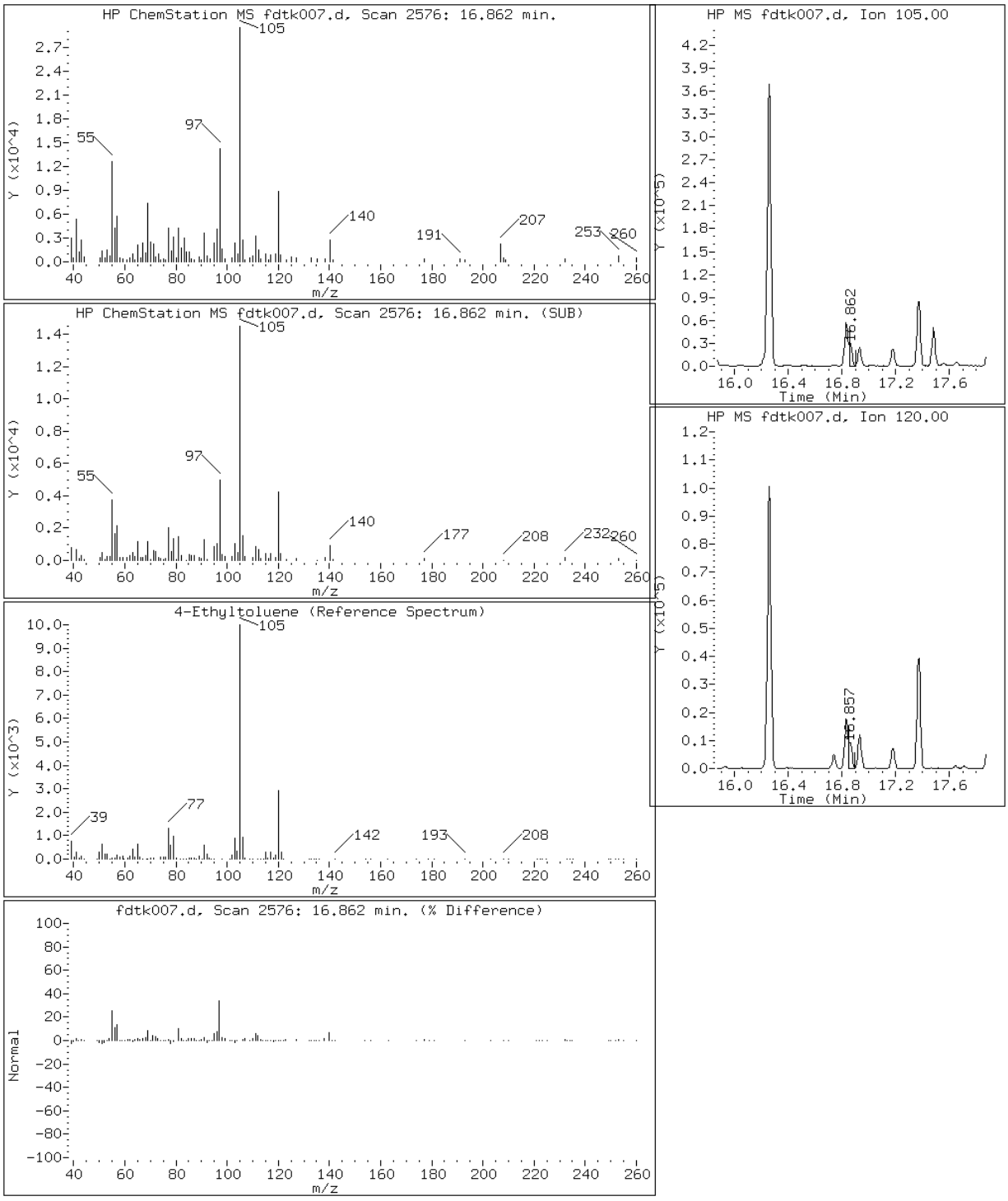
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

79 4-Ethyltoluene



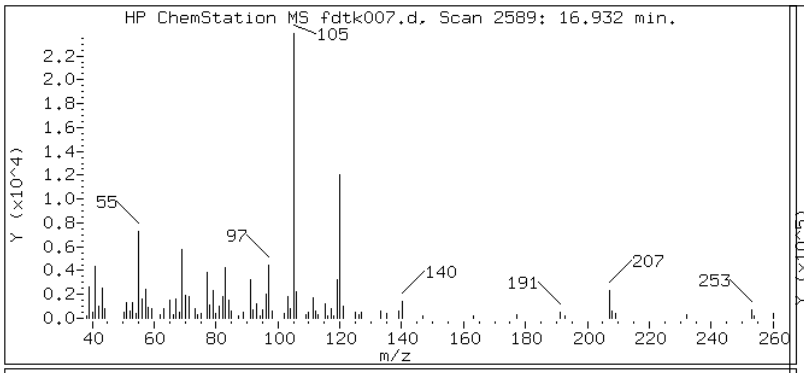
Data File: fdtk007.d

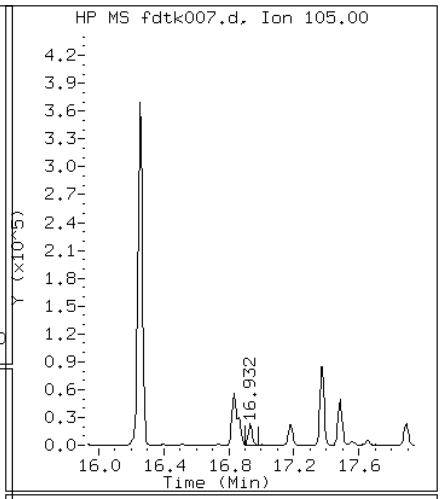
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

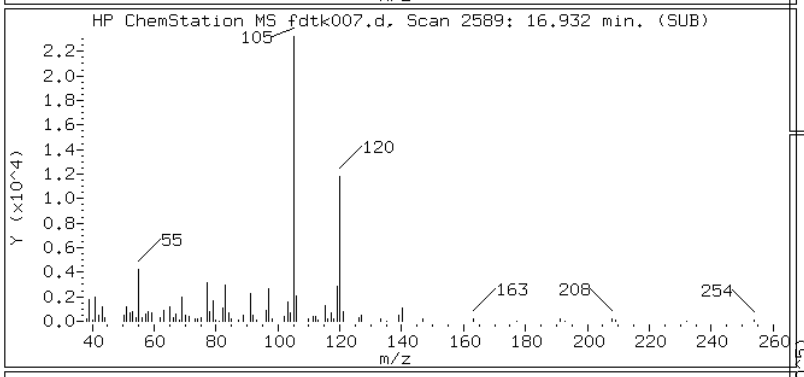
Client ID: CE-VAPOR-5 Instrument: F.i

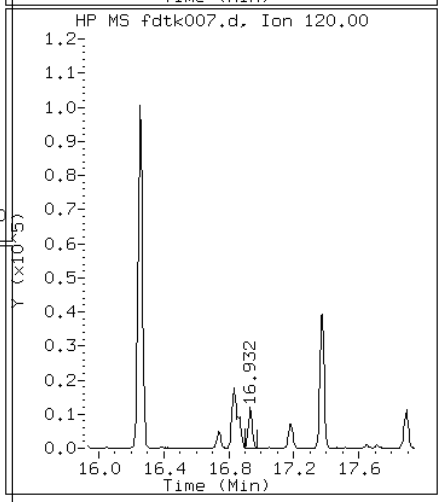
Sample Info: 200-1086-A-6 Operator: wrd

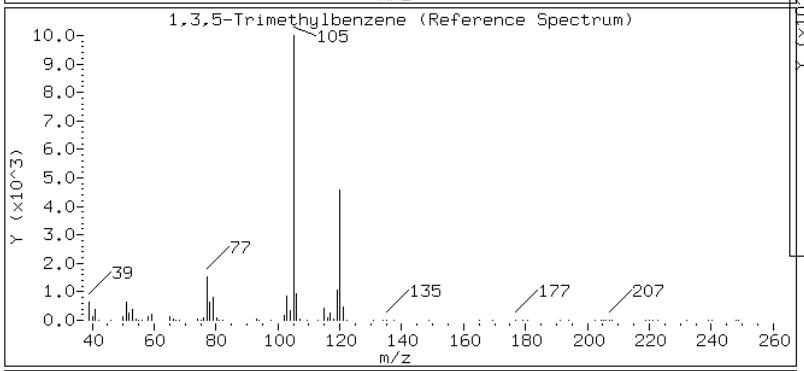
81 1,3,5-Trimethylbenzene

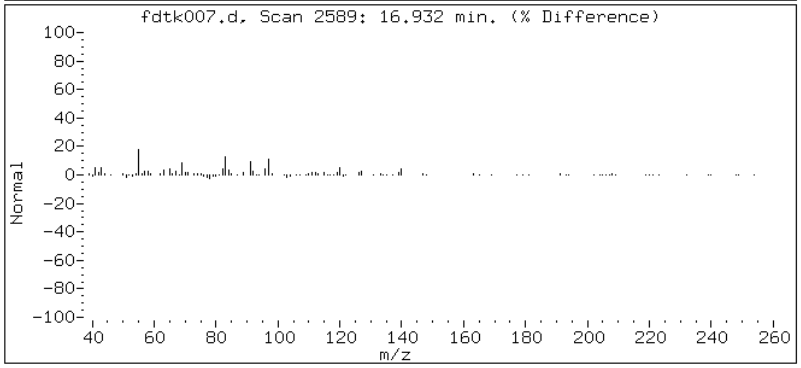












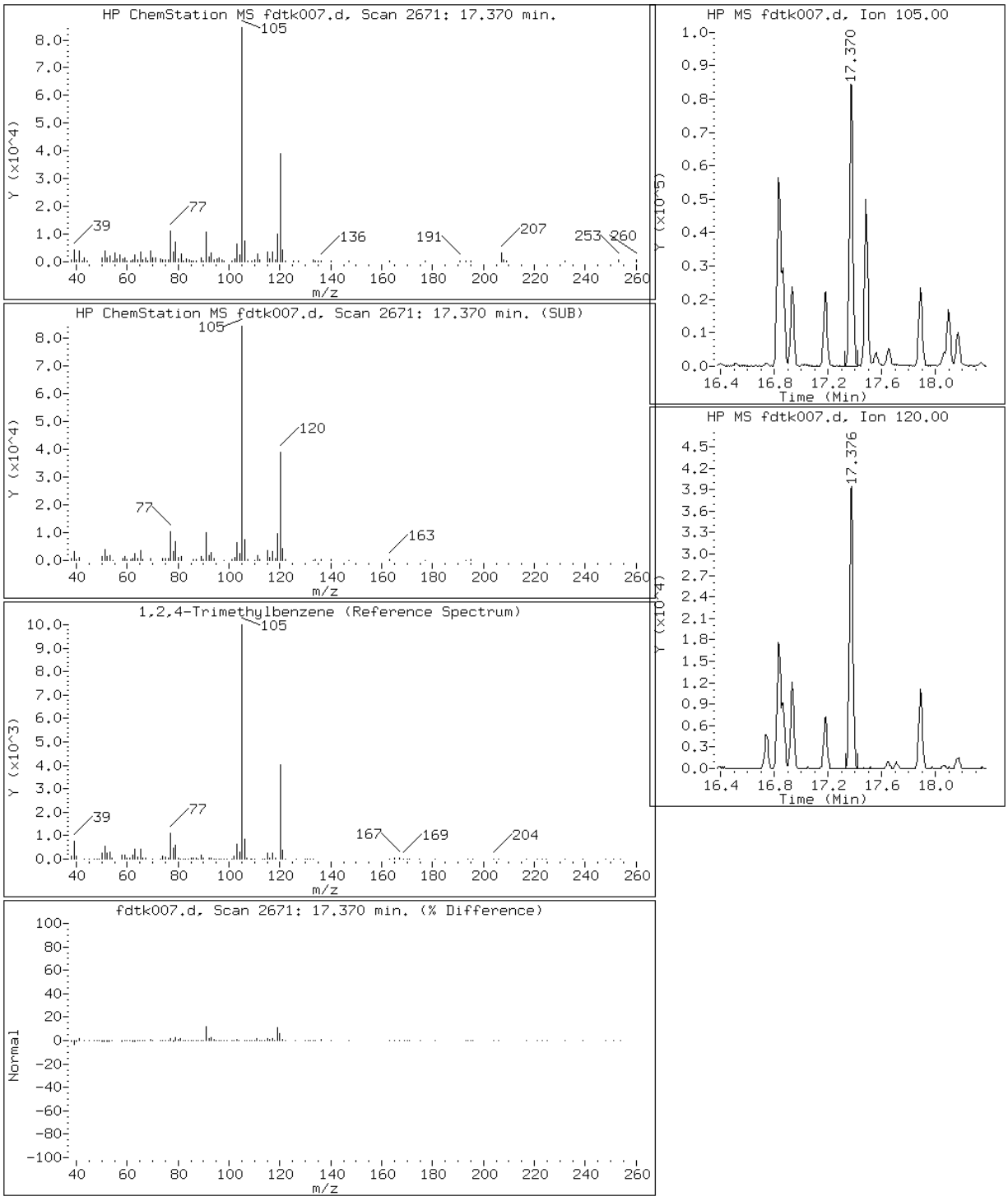
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

84 1,2,4-Trimethylbenzene



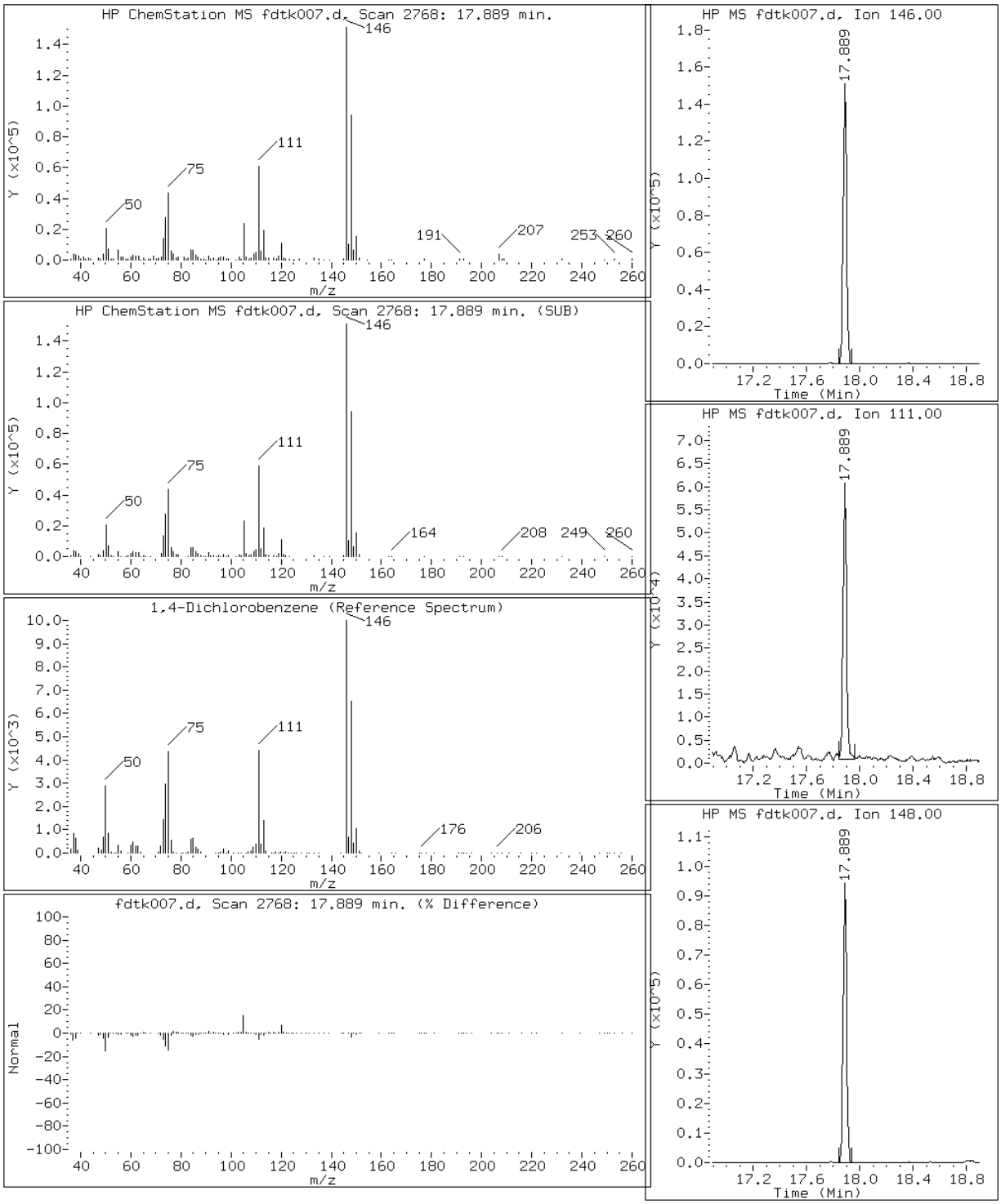
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

88 1,4-Dichlorobenzene



Manual Integration Report

Data File: fdtk007.d
Lab Sample ID: 200-1086-6
Inj. Date and Time: 25-AUG-2010 19:50
Instrument ID: F.i
Client ID: CE-VAPOR-5
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 08/27/2010

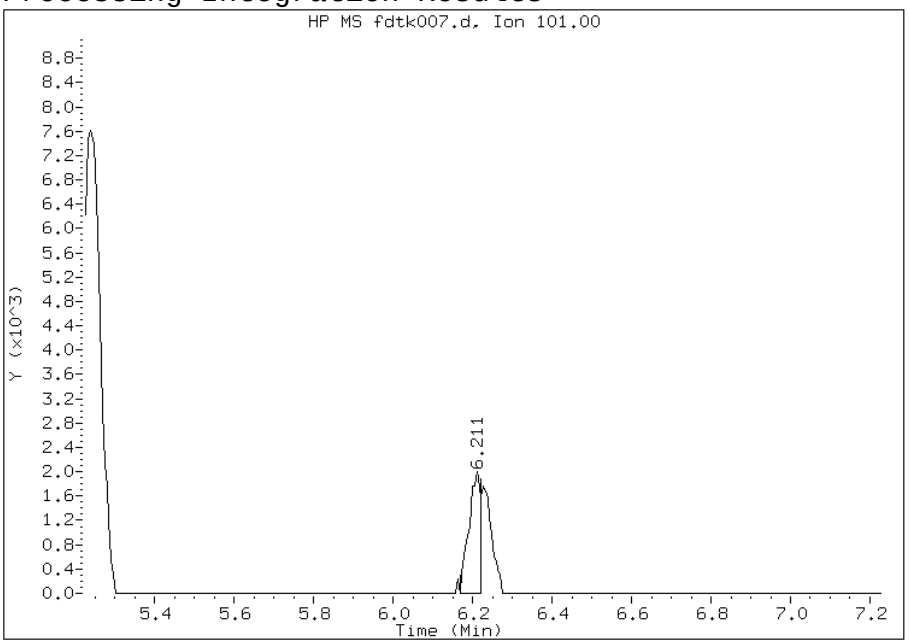
Processing Integration Results

RT: 6.21

Response: 4158

Amount: 0.048465

Conc: 0.048465



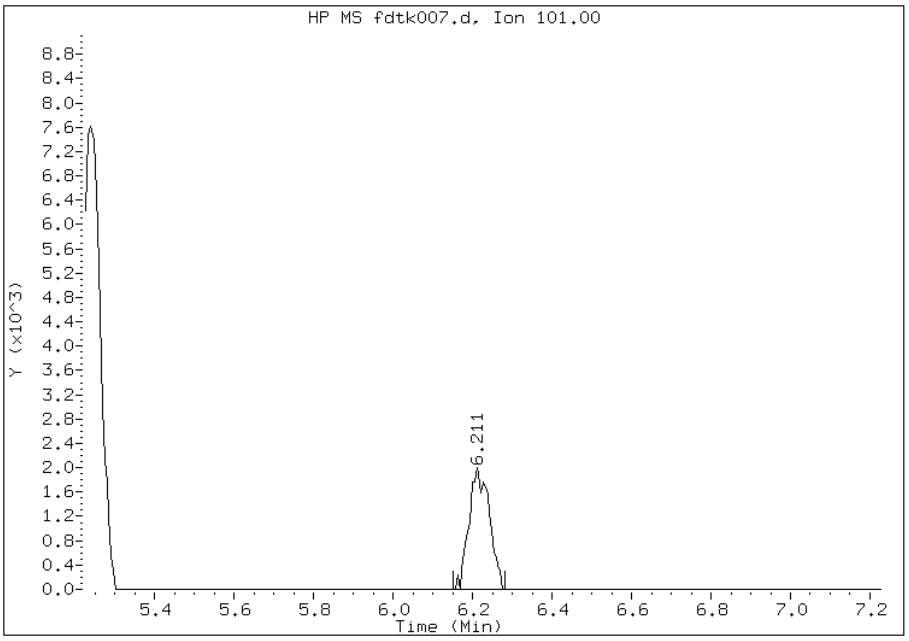
Manual Integration Results

RT: 6.21

Response: 7143

Amount: 0.083258

Conc: 0.083258



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: fdtk007.d
Lab Sample ID: 200-1086-6
Inj. Date and Time: 25-AUG-2010 19:50
Instrument ID: F.i
Client ID: CE-VAPOR-5
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 08/27/2010

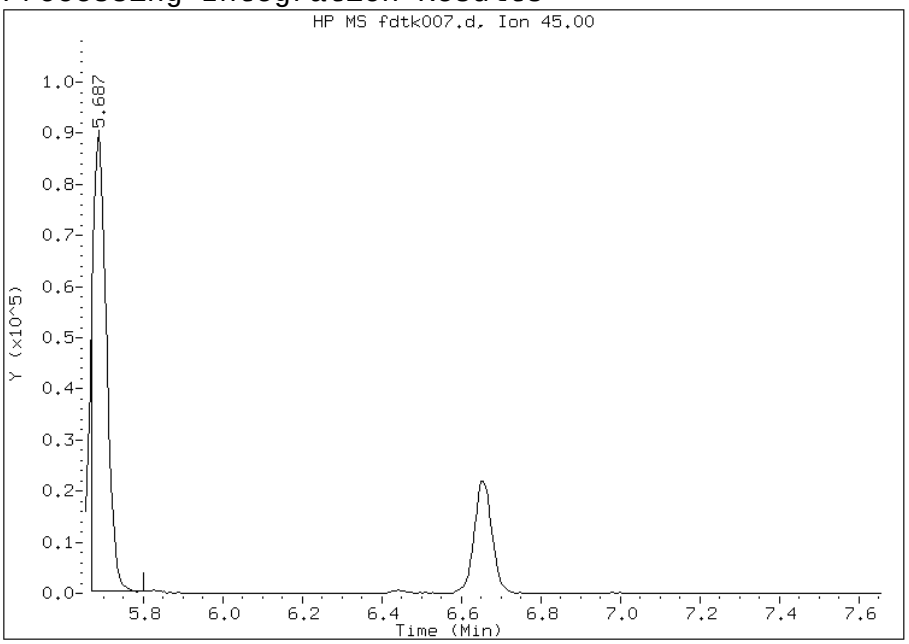
Processing Integration Results

RT: 5.69

Response: 213039

Amount: 5.37

Conc: 5.37



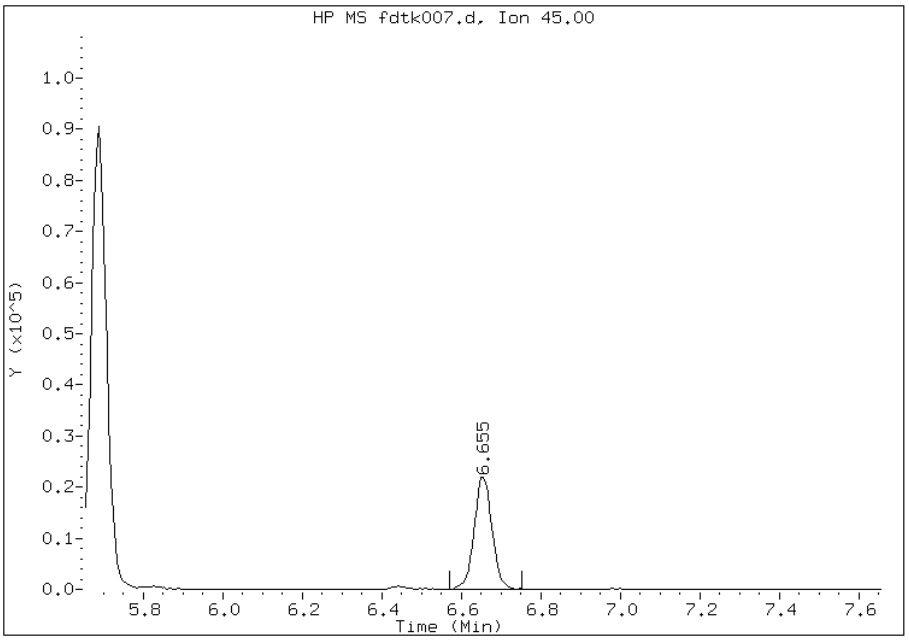
Manual Integration Results

RT: 6.65

Response: 68524

Amount: 1.73

Conc: 1.73



File Uploaded By: wrd
Manual Integration Reason: Analyte misidentified by the data system

Manual Integration Report

Data File: fdtk007.d
Lab Sample ID: 200-1086-6
Inj. Date and Time: 25-AUG-2010 19:50
Instrument ID: F.i
Client ID: CE-VAPOR-5
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 08/27/2010

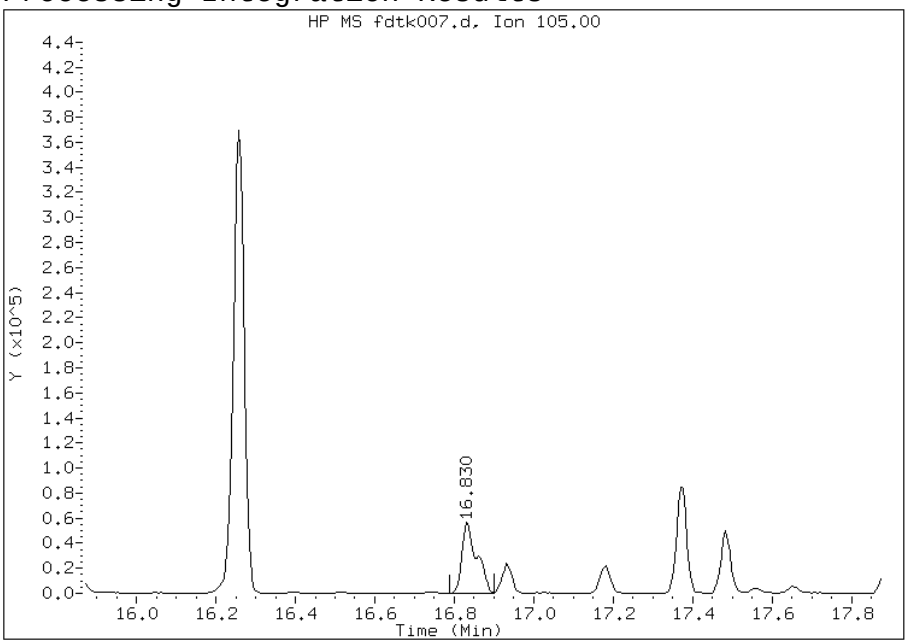
Processing Integration Results

RT: 16.83

Response: 147523

Amount: 0.676739

Conc: 0.676739



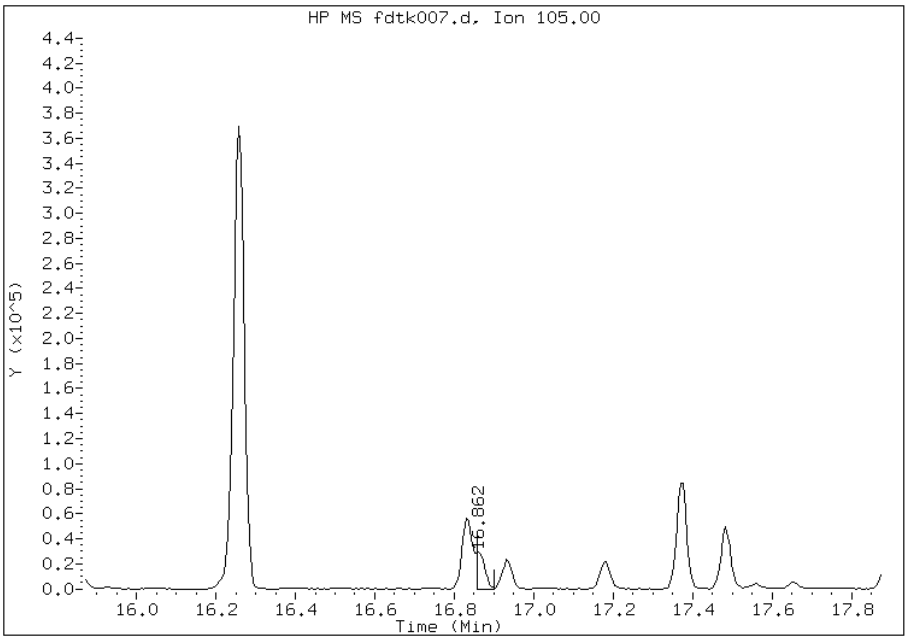
Manual Integration Results

RT: 16.86

Response: 43640

Amount: 0.200192

Conc: 0.200192



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	7.6	U	7.6	0.18
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	3.1	U	3.1	0.18
74-87-3	Chloromethane	50.49	7.6	U	7.6	0.32
75-01-4	Vinyl chloride	62.50	3.1	U	3.1	0.38
106-99-0	1,3-Butadiene	54.09	3.1	U	3.1	0.41
74-83-9	Bromomethane	94.94	3.1	U	3.1	0.21
75-00-3	Chloroethane	64.52	7.6	U	7.6	1.5
593-60-2	Bromoethene(Vinyl Bromide)	106.96	3.1	U	3.1	0.76
75-69-4	Trichlorofluoromethane	137.37	3.1	U	3.1	0.76
76-13-1	Freon TF	187.38	3.1	U	3.1	0.76
75-35-4	1,1-Dichloroethene	96.94	3.1	U	3.1	0.23
67-64-1	Acetone	58.08	76	U	76	15
67-63-0	Isopropyl alcohol	60.10	76	U	76	0.66
75-15-0	Carbon disulfide	76.14	15		7.6	0.76
107-05-1	3-Chloropropene	76.53	7.6	U	7.6	0.44
75-09-2	Methylene Chloride	84.93	7.6	U	7.6	0.46
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.1	U	3.1	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	3.1	U	3.1	0.76
110-54-3	n-Hexane	86.17	3.1	U	3.1	0.35
75-34-3	1,1-Dichloroethane	98.96	3.1	U	3.1	0.20
78-93-3	Methyl Ethyl Ketone	72.11	180		7.6	0.98
156-59-2	cis-1,2-Dichloroethene	96.94	3.1	U	3.1	0.76
540-59-0	1,2-Dichloroethene, Total	96.94	3.1	U	3.1	1.5
67-66-3	Chloroform	119.38	3.1	U	3.1	0.76
109-99-9	Tetrahydrofuran	72.11	420		76	1.5
71-55-6	1,1,1-Trichloroethane	133.41	3.1	U	3.1	0.76
110-82-7	Cyclohexane	84.16	3.1	U	3.1	0.18
56-23-5	Carbon tetrachloride	153.81	3.1	U	3.1	0.76
540-84-1	2,2,4-Trimethylpentane	114.23	3.1	U	3.1	0.20
71-43-2	Benzene	78.11	3.1	U	3.1	0.76
107-06-2	1,2-Dichloroethane	98.96	3.1	U	3.1	0.23
142-82-5	n-Heptane	100.21	3.1	U	3.1	0.41
79-01-6	Trichloroethene	131.39	3.1	U	3.1	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	3.1	U	3.1	0.24
123-91-1	1,4-Dioxane	88.11	76	U	76	0.54
75-27-4	Bromodichloromethane	163.83	3.1	U	3.1	0.76
10061-01-5	cis-1,3-Dichloropropene	110.97	3.1	U	3.1	0.76
108-10-1	methyl isobutyl ketone	100.16	41		7.6	0.98
108-88-3	Toluene	92.14	4.8		3.1	0.76
10061-02-6	trans-1,3-Dichloropropene	110.97	3.1	U	3.1	0.98
79-00-5	1,1,2-Trichloroethane	133.41	3.1	U	3.1	0.76
127-18-4	Tetrachloroethene	165.83	3.1	U	3.1	0.26
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	7.6	U	7.6	0.43
124-48-1	Dibromochloromethane	208.29	3.1	U	3.1	0.76
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.18
108-90-7	Chlorobenzene	112.30	3.1	U	3.1	0.76
100-41-4	Ethylbenzene	106.17	3.1	U	3.1	0.21
179601-23-1	m,p-Xylene	106.17	7.6	U	7.6	0.35
95-47-6	Xylene, o-	106.17	3.1	U	3.1	0.76
1330-20-7	Xylene (total)	106.17	5.9		3.1	2.3
100-42-5	Styrene	104.15	4.1		3.1	0.76
75-25-2	Bromoform	252.75	3.1	U	3.1	0.76
79-34-5	1,1,2,2-Tetrachloroethane	167.85	3.1	U	3.1	0.76
622-96-8	4-Ethyltoluene	120.20	3.1	U	3.1	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	3.1	U	3.1	0.98
95-49-8	2-Chlorotoluene	126.59	3.1	U	3.1	0.98
95-63-6	1,2,4-Trimethylbenzene	120.20	3.1	U	3.1	0.98
541-73-1	1,3-Dichlorobenzene	147.00	3.1	U	3.1	0.28
106-46-7	1,4-Dichlorobenzene	147.00	3.1	U	3.1	0.32
95-50-1	1,2-Dichlorobenzene	147.00	3.1	U	3.1	0.26
120-82-1	1,2,4-Trichlorobenzene	181.45	7.6	U	7.6	0.49
87-68-3	Hexachlorobutadiene	260.76	3.1	U	3.1	0.34

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	38	U	38	0.91
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	21	U	21	1.3
74-87-3	Chloromethane	50.49	16	U	16	0.66
75-01-4	Vinyl chloride	62.50	7.8	U	7.8	0.98
106-99-0	1,3-Butadiene	54.09	6.8	U	6.8	0.91
74-83-9	Bromomethane	94.94	12	U	12	0.83
75-00-3	Chloroethane	64.52	20	U	20	4.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	13	U	13	3.3
75-69-4	Trichlorofluoromethane	137.37	17	U	17	4.3
76-13-1	Freon TF	187.38	23	U	23	5.9
75-35-4	1,1-Dichloroethene	96.94	12	U	12	0.91
67-64-1	Acetone	58.08	180	U	180	36
67-63-0	Isopropyl alcohol	60.10	190	U	190	1.6
75-15-0	Carbon disulfide	76.14	48		24	2.4
107-05-1	3-Chloropropene	76.53	24	U	24	1.4
75-09-2	Methylene Chloride	84.93	27	U	27	1.6
75-65-0	tert-Butyl alcohol	74.12	230	U	230	4.6
1634-04-4	Methyl tert-butyl ether	88.15	11	U	11	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	12	U	12	3.0
110-54-3	n-Hexane	86.17	11	U	11	1.2
75-34-3	1,1-Dichloroethane	98.96	12	U	12	0.81
78-93-3	Methyl Ethyl Ketone	72.11	530		23	2.9
156-59-2	cis-1,2-Dichloroethene	96.94	12	U	12	3.0
540-59-0	1,2-Dichloroethene, Total	96.94	12	U	12	6.1
67-66-3	Chloroform	119.38	15	U	15	3.7
109-99-9	Tetrahydrofuran	72.11	1200		230	4.5
71-55-6	1,1,1-Trichloroethane	133.41	17	U	17	4.2
110-82-7	Cyclohexane	84.16	11	U	11	0.63
56-23-5	Carbon tetrachloride	153.81	19	U	19	4.8
540-84-1	2,2,4-Trimethylpentane	114.23	14	U	14	0.93
71-43-2	Benzene	78.11	9.8	U	9.8	2.4
107-06-2	1,2-Dichloroethane	98.96	12	U	12	0.93
142-82-5	n-Heptane	100.21	13	U	13	1.7
79-01-6	Trichloroethene	131.39	16	U	16	1.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	14	U	14	1.1
123-91-1	1,4-Dioxane	88.11	280	U	280	1.9
75-27-4	Bromodichloromethane	163.83	21	U	21	5.1
10061-01-5	cis-1,3-Dichloropropene	110.97	14	U	14	3.5
108-10-1	methyl isobutyl ketone	100.16	170		31	4.0
108-88-3	Toluene	92.14	18		12	2.9
10061-02-6	trans-1,3-Dichloropropene	110.97	14	U	14	4.4
79-00-5	1,1,2-Trichloroethane	133.41	17	U	17	4.2
127-18-4	Tetrachloroethene	165.83	21	U	21	1.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	31	U	31	1.8
124-48-1	Dibromochloromethane	208.29	26	U	26	6.5
106-93-4	1,2-Dibromoethane	187.87	24	U	24	1.4
108-90-7	Chlorobenzene	112.30	14	U	14	3.5
100-41-4	Ethylbenzene	106.17	13	U	13	0.93
179601-23-1	m,p-Xylene	106.17	33	U	33	1.5
95-47-6	Xylene, o-	106.17	13	U	13	3.3
1330-20-7	Xylene (total)	106.17	26		13	10
100-42-5	Styrene	104.15	18		13	3.3
75-25-2	Bromoform	252.75	32	U	32	7.9
79-34-5	1,1,2,2-Tetrachloroethane	167.85	21	U	21	5.3
622-96-8	4-Ethyltoluene	120.20	15	U	15	4.8
108-67-8	1,3,5-Trimethylbenzene	120.20	15	U	15	4.8
95-49-8	2-Chlorotoluene	126.59	16	U	16	5.1
95-63-6	1,2,4-Trimethylbenzene	120.20	15	U	15	4.8
541-73-1	1,3-Dichlorobenzene	147.00	18	U	18	1.7
106-46-7	1,4-Dichlorobenzene	147.00	18	U	18	1.9
95-50-1	1,2-Dichlorobenzene	147.00	18	U	18	1.6
120-82-1	1,2,4-Trichlorobenzene	181.45	57	U	57	3.6
87-68-3	Hexachlorobutadiene	260.76	33	U	33	3.6

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-7
Client Smp ID: CE-VAPOR-6
Inj Date : 25-AUG-2010 20:41
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-7@4.44
Misc Info : 58,15.3,to15all cdf 4.44
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 7
Dil Factor: 15.30000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	15.30000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	58.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.573	3.574	(0.373)	5335	0.18169	2.8(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.446	6.446	(0.674)	177956	2.96587	45(a)
21 Carbon disulfide	76	6.692	6.698	(0.699)	138526	0.99814	15
22 Isopropanol	45	Compound Not Detected.					

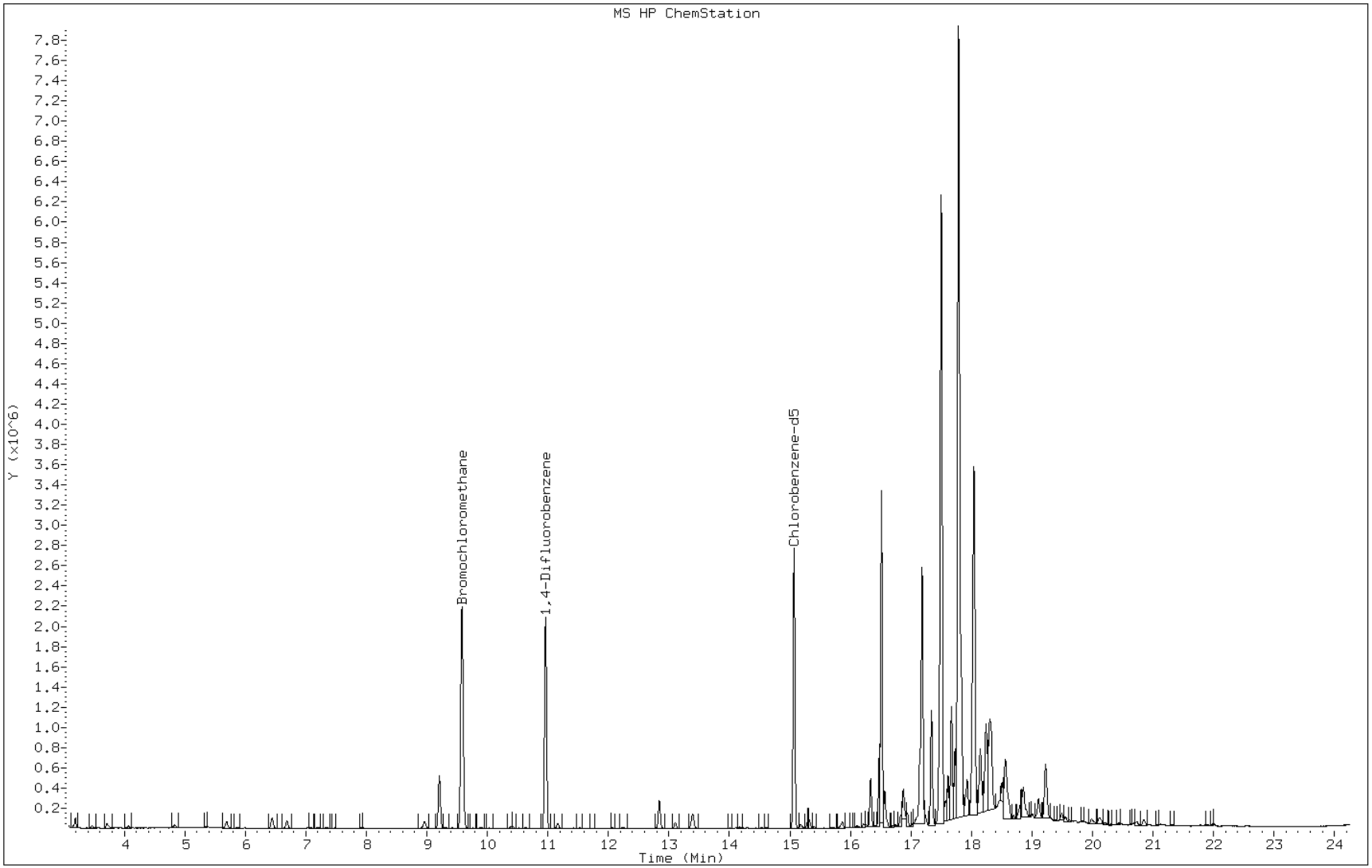
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	5556	0.08330	1.3(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	268598	11.7610	180(Q)
*	37 Bromochloromethane	128	9.570	9.581	(1.000)	471698	10.0000	
	38 Tetrahydrofuran	42	9.587	9.597	(0.875)	1008614	27.4814	420
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.881	9.918	(0.901)	13229	0.19404	3.0(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.421	10.432	(0.951)	22906	0.14288	2.2(a)
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	4395	0.06452	0.99(a)
	46 n-Heptane	43	10.640	10.641	(0.971)	2974	0.04478	0.69(a)
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2369907	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	222278	2.69891	41
	58 Toluene	92	13.107	13.118	(0.870)	31790	0.31612	4.8
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2037360	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	35929	0.15715	2.4(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	27712	0.31247	4.8(a)
M	70 Xylenes, Total	106				34325	0.38728	5.9
	71 Xylene (o)	106	15.840	15.846	(1.051)	6613	0.07481	1.1(a)
	72 Styrene	104	15.867	15.873	(1.053)	35449	0.26999	4.1
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	11695	0.05131	0.79(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtk008.d	Date:	25-AUG-2010 20:41
Client ID:	CE-VAPOR-6	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-7@4.44		
Lab Sample ID:	200-1086-7		



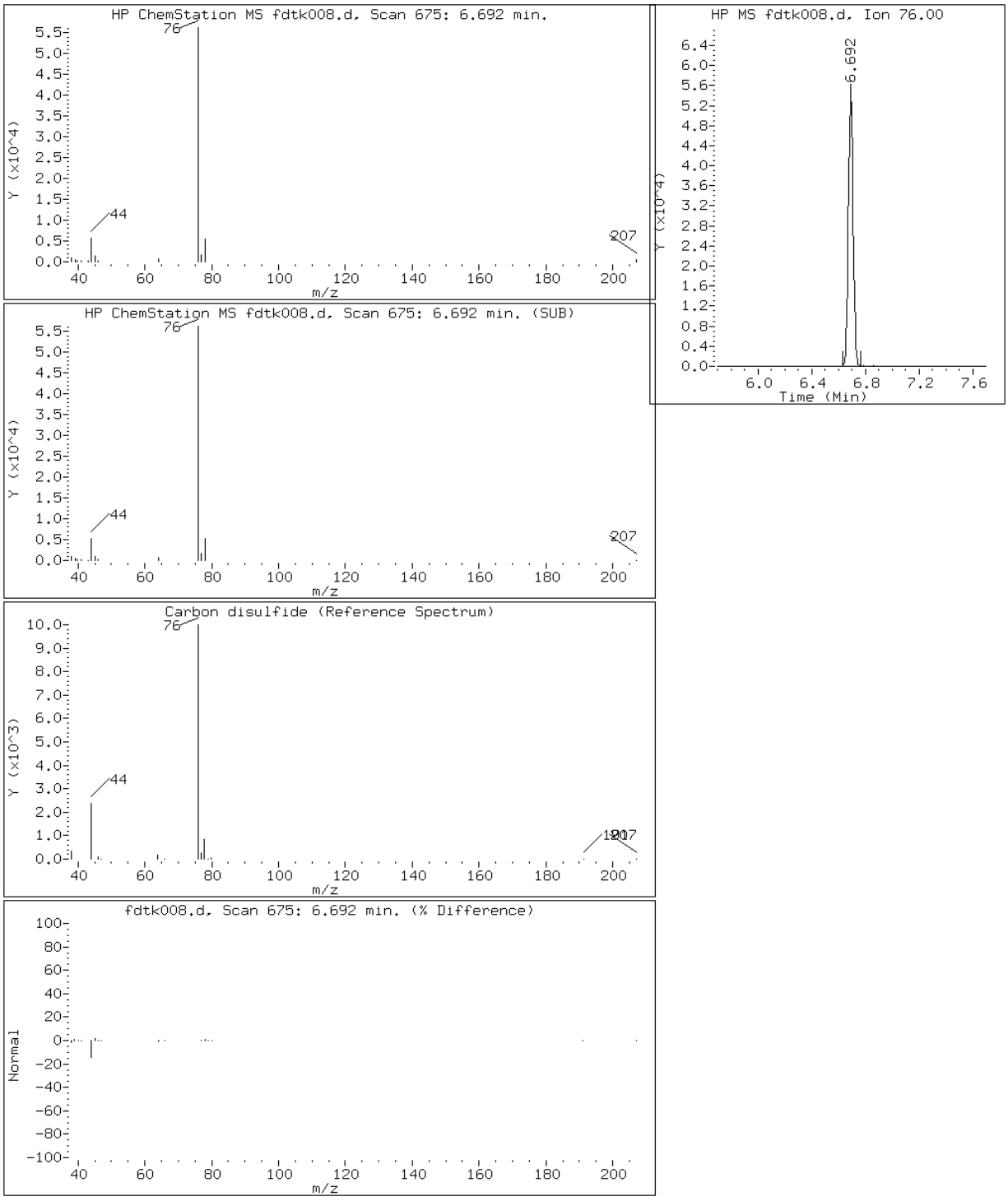
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

21 Carbon disulfide



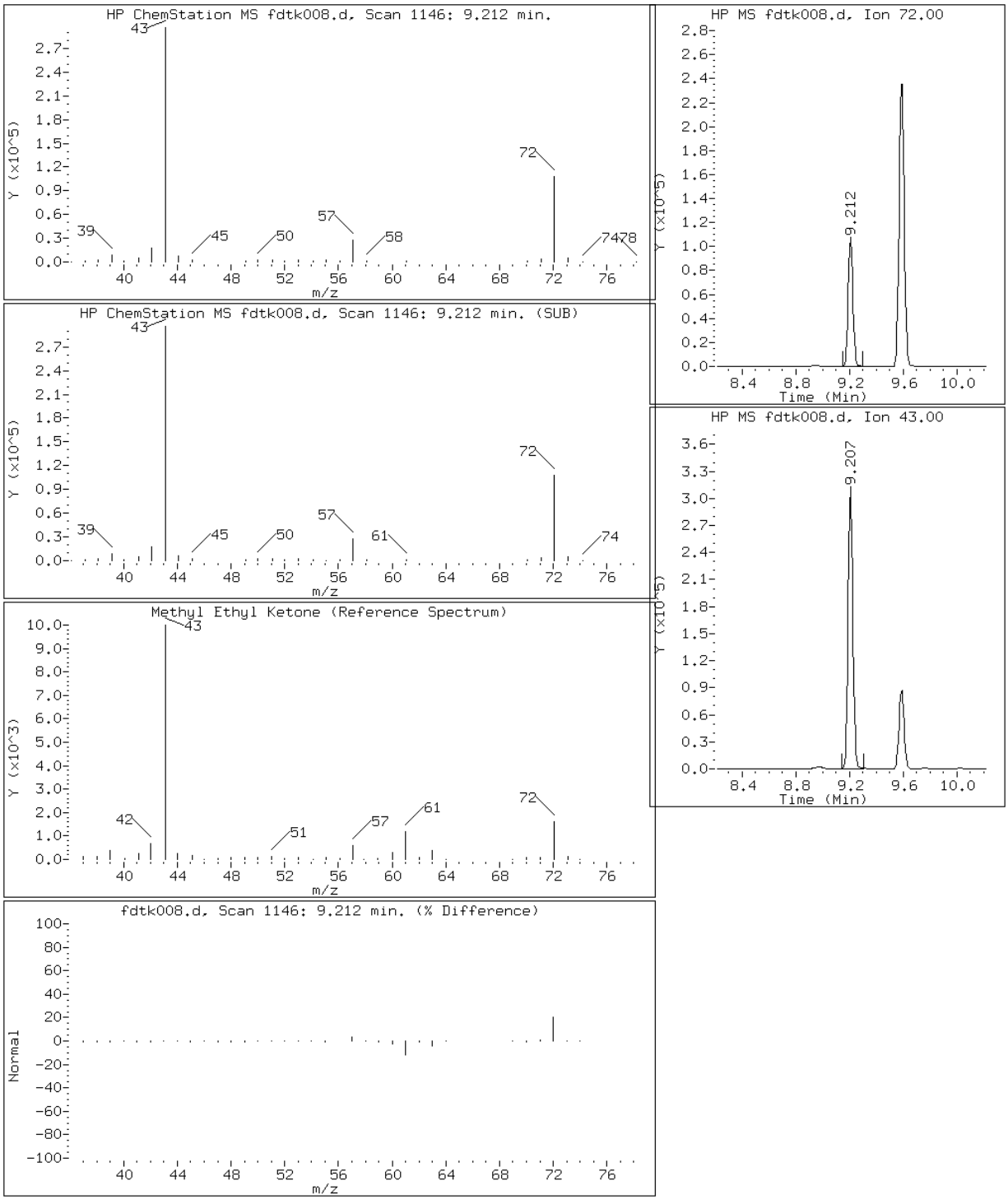
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

36 Methyl Ethyl Ketone



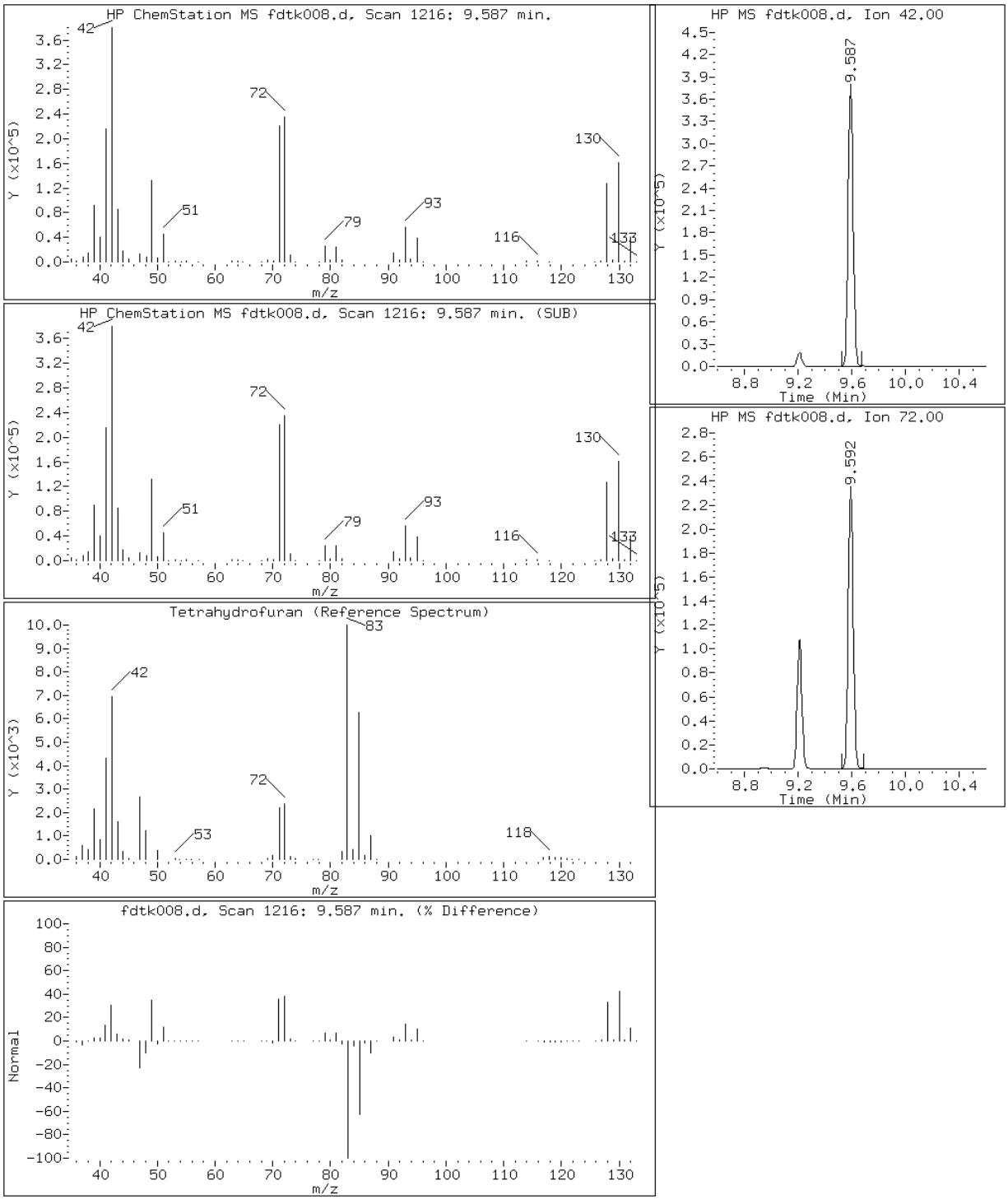
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

38 Tetrahydrofuran



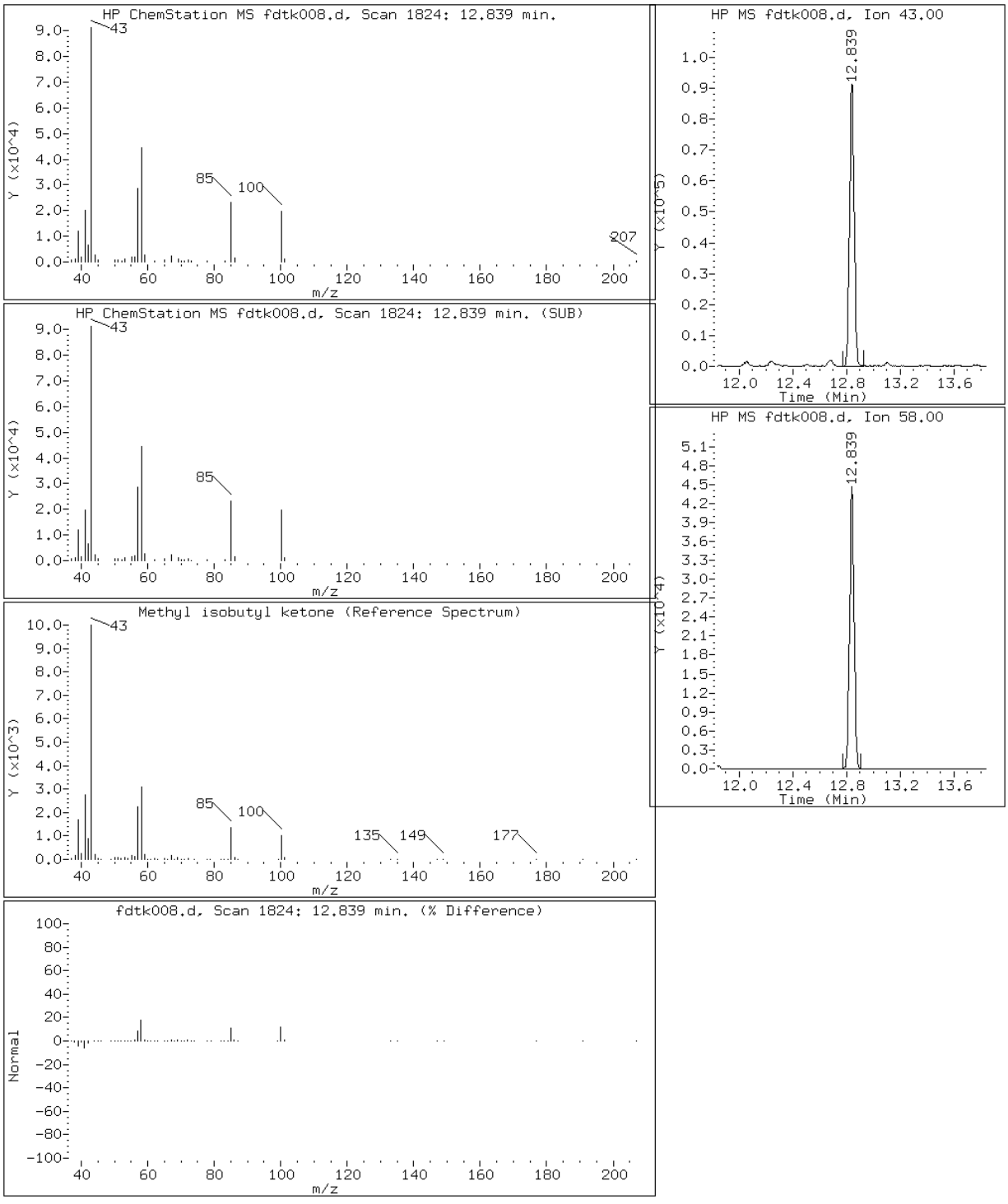
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

56 Methyl isobutyl ketone



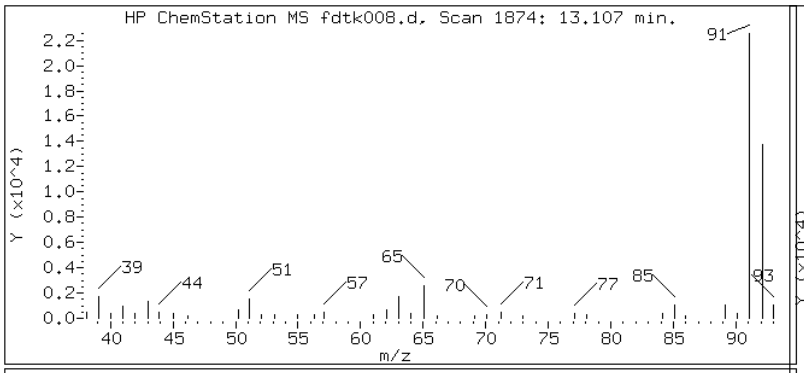
Data File: fdtk008.d

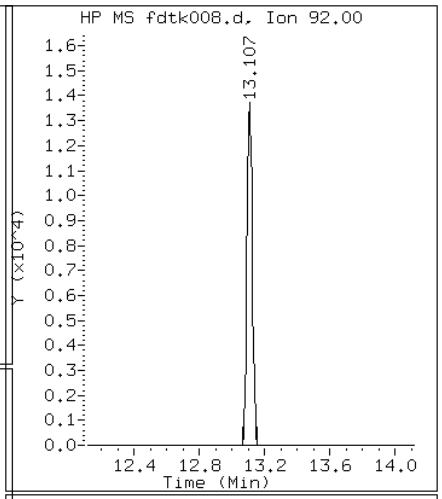
Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

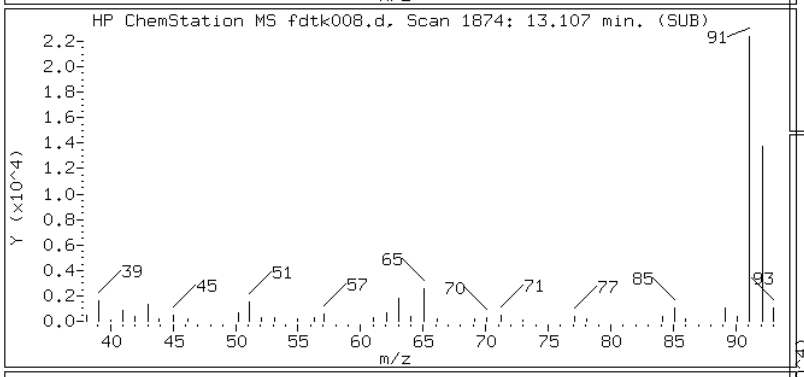
Client ID: CE-VAPOR-6 Instrument: F.i

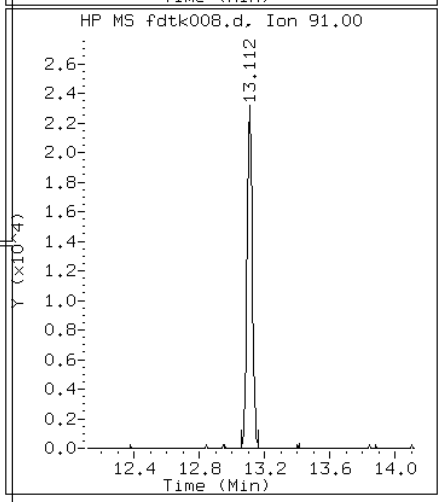
Sample Info: 200-1086-A-7@4.44 Operator: wrd

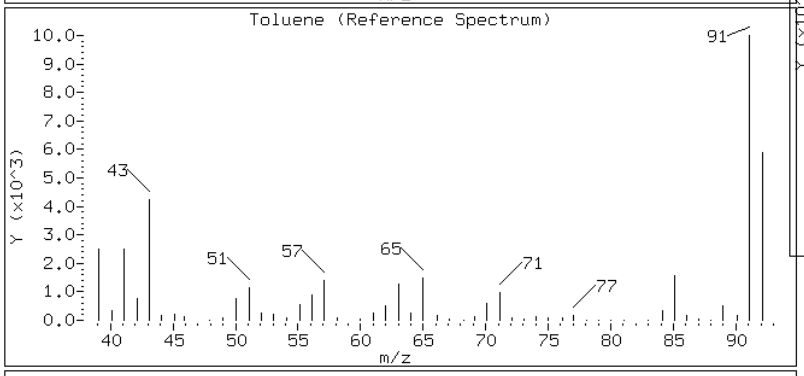
58 Toluene

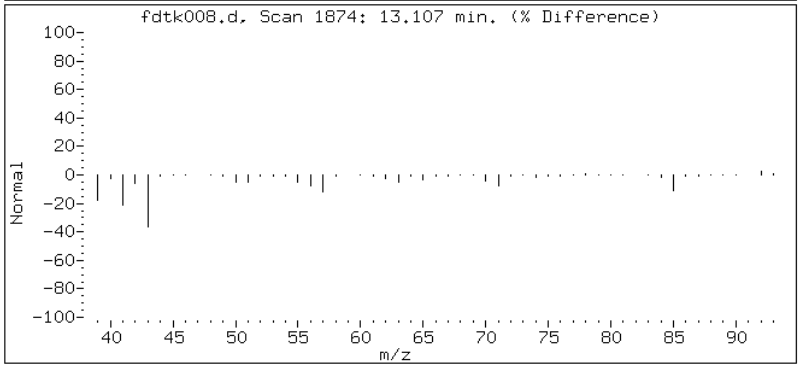












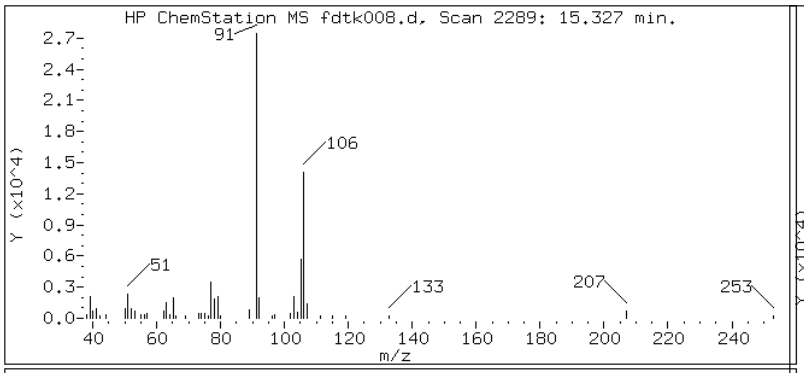
Data File: fdtk008.d

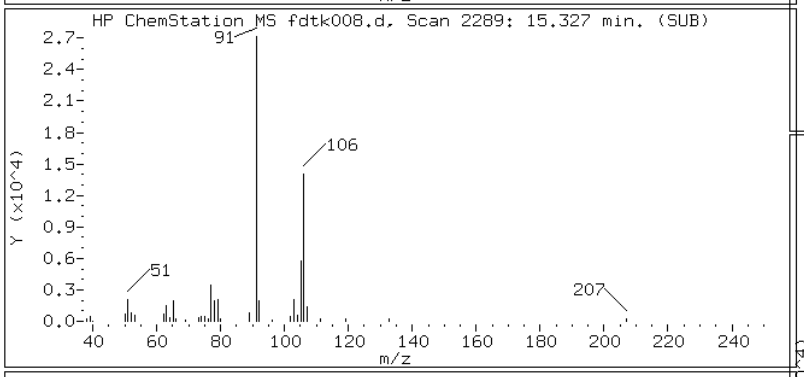
Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

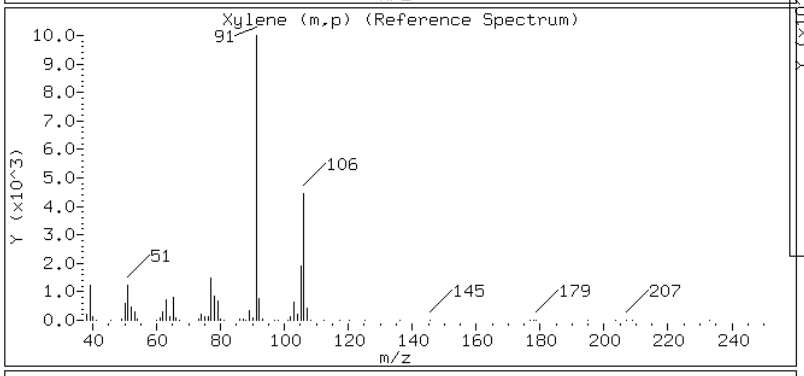
Client ID: CE-VAPOR-6 Instrument: F.i

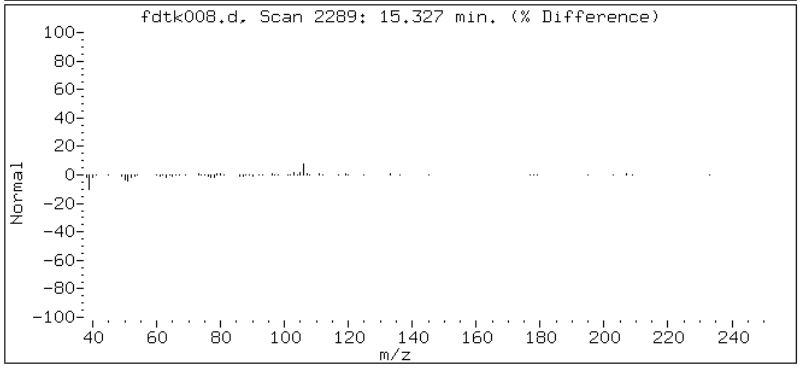
Sample Info: 200-1086-A-7@4.44 Operator: wrd

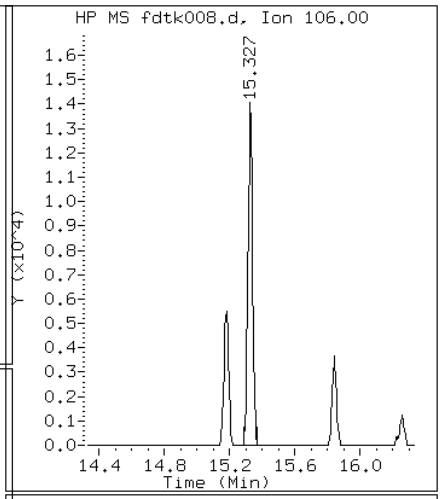
69 Xylene (m,p)

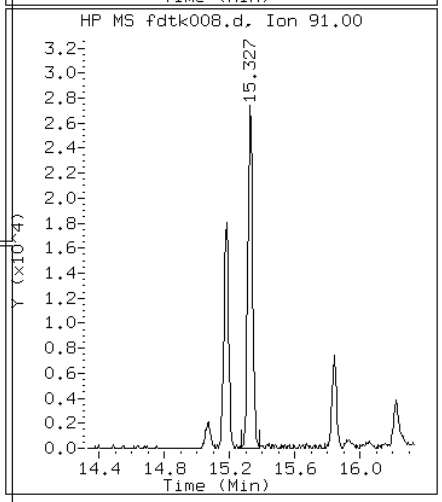












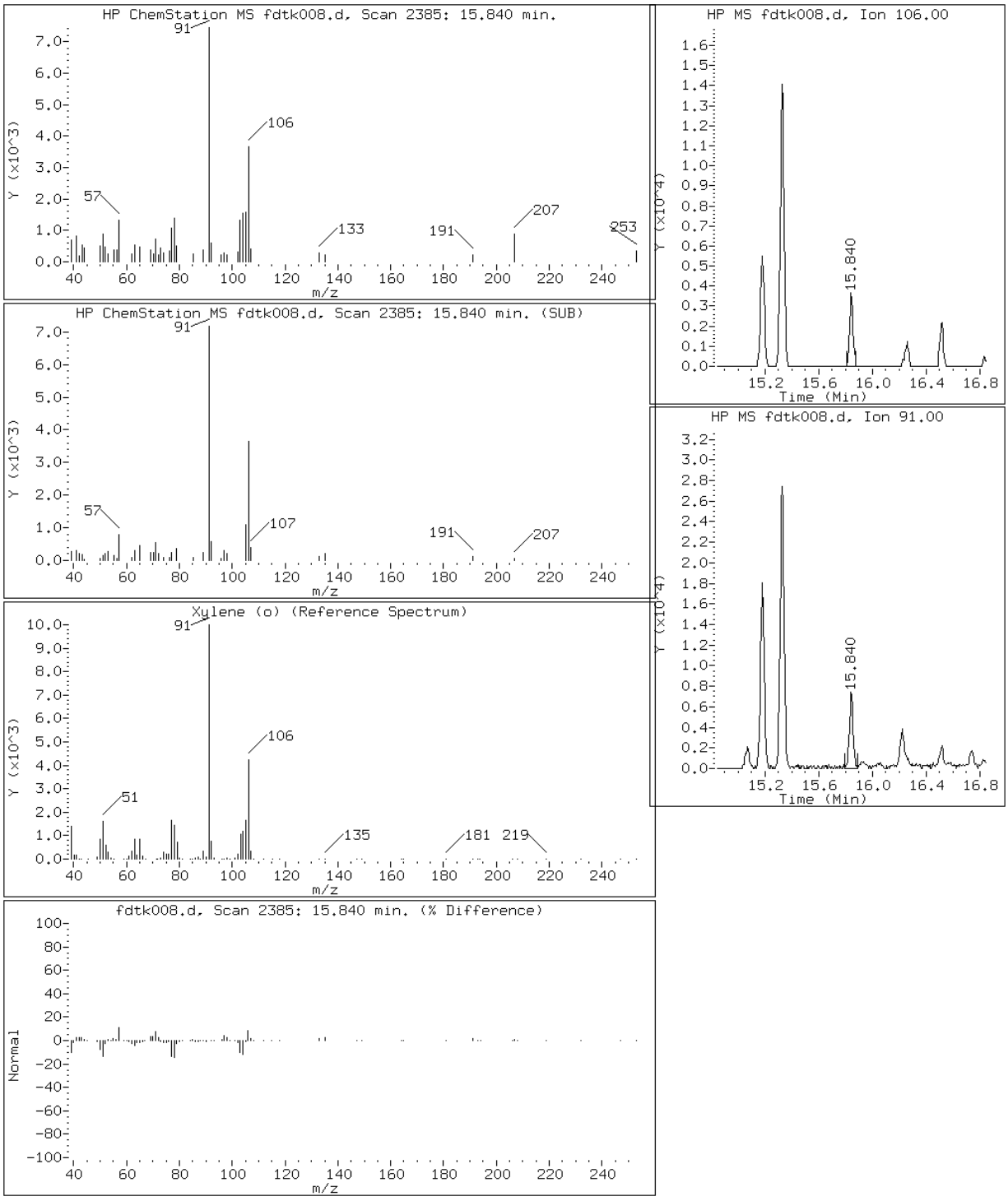
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

71 Xylene (o)



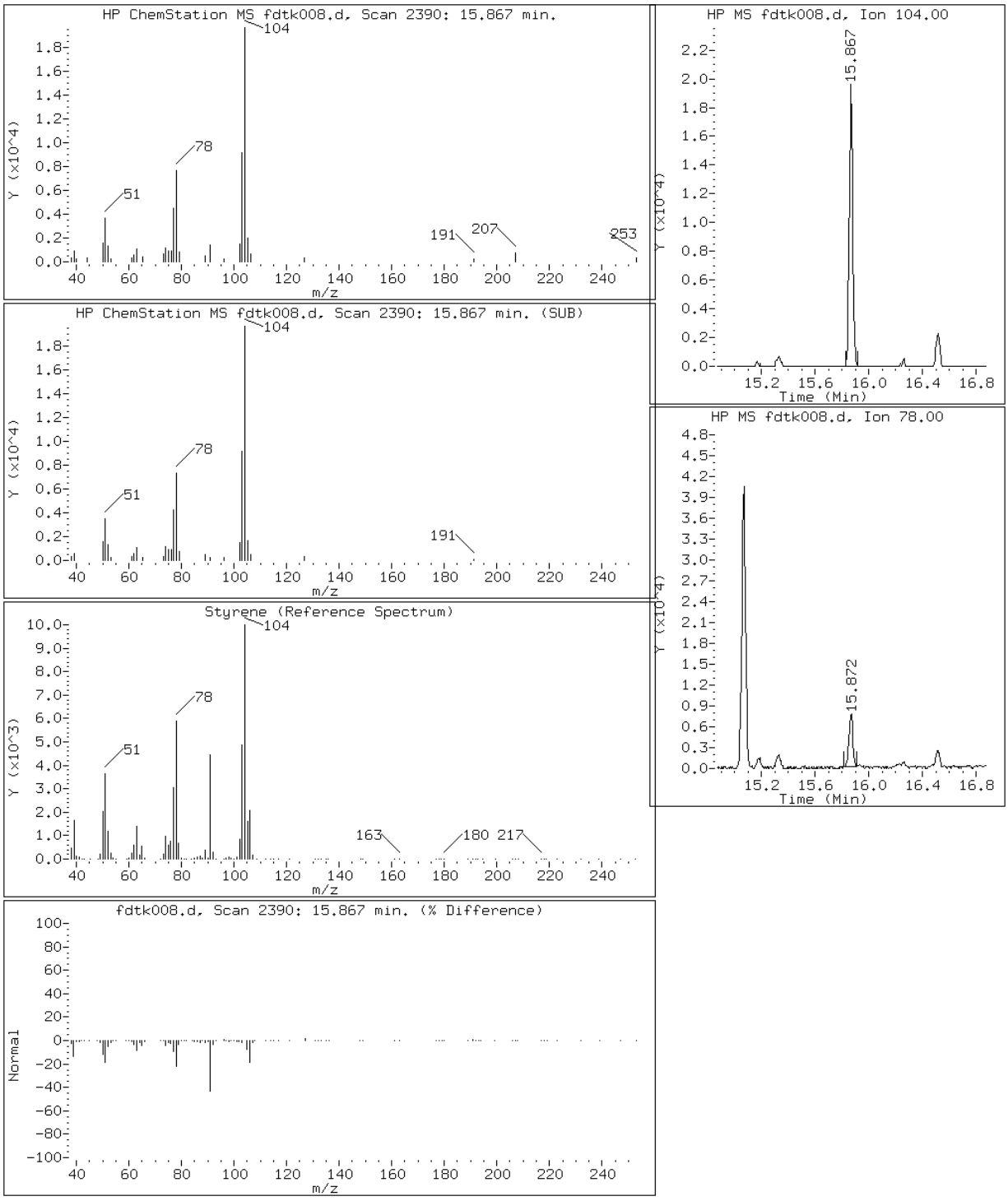
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

72 Styrene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	13	U	13	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.1	U	5.1	0.30
74-87-3	Chloromethane	50.49	13	U	13	0.53
75-01-4	Vinyl chloride	62.50	5.1	U	5.1	0.63
106-99-0	1,3-Butadiene	54.09	5.1	U	5.1	0.68
74-83-9	Bromomethane	94.94	5.1	U	5.1	0.35
75-00-3	Chloroethane	64.52	13	U	13	2.5
593-60-2	Bromoethene(Vinyl Bromide)	106.96	5.1	U	5.1	1.3
75-69-4	Trichlorofluoromethane	137.37	5.1	U	5.1	1.3
76-13-1	Freon TF	187.38	5.1	U	5.1	1.3
75-35-4	1,1-Dichloroethene	96.94	5.1	U	5.1	0.38
67-64-1	Acetone	58.08	130	U	130	25
67-63-0	Isopropyl alcohol	60.10	130	U	130	1.1
75-15-0	Carbon disulfide	76.14	13	U	13	1.3
107-05-1	3-Chloropropene	76.53	13	U	13	0.73
75-09-2	Methylene Chloride	84.93	13	U	13	0.76
75-65-0	tert-Butyl alcohol	74.12	130	U	130	2.5
1634-04-4	Methyl tert-butyl ether	88.15	5.1	U	5.1	0.33
156-60-5	trans-1,2-Dichloroethene	96.94	5.1	U	5.1	1.3
110-54-3	n-Hexane	86.17	5.1	U	5.1	0.58
75-34-3	1,1-Dichloroethane	98.96	5.1	U	5.1	0.33
78-93-3	Methyl Ethyl Ketone	72.11	380		13	1.6
156-59-2	cis-1,2-Dichloroethene	96.94	5.1	U	5.1	1.3
540-59-0	1,2-Dichloroethene, Total	96.94	5.1	U	5.1	2.5
67-66-3	Chloroform	119.38	5.1	U	5.1	1.3
109-99-9	Tetrahydrofuran	72.11	770		130	2.5
71-55-6	1,1,1-Trichloroethane	133.41	5.1	U	5.1	1.3
110-82-7	Cyclohexane	84.16	5.1	U	5.1	0.30
56-23-5	Carbon tetrachloride	153.81	5.1	U	5.1	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	5.1	U	5.1	0.33
71-43-2	Benzene	78.11	5.1	U	5.1	1.3
107-06-2	1,2-Dichloroethane	98.96	5.1	U	5.1	0.38
142-82-5	n-Heptane	100.21	5.1	U	5.1	0.68
79-01-6	Trichloroethene	131.39	5.1	U	5.1	0.35

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	5.1	U	5.1	0.40
123-91-1	1,4-Dioxane	88.11	130	U	130	0.89
75-27-4	Bromodichloromethane	163.83	5.1	U	5.1	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	5.1	U	5.1	1.3
108-10-1	methyl isobutyl ketone	100.16	44		13	1.6
108-88-3	Toluene	92.14	5.1	U	5.1	1.3
10061-02-6	trans-1,3-Dichloropropene	110.97	5.1	U	5.1	1.6
79-00-5	1,1,2-Trichloroethane	133.41	5.1	U	5.1	1.3
127-18-4	Tetrachloroethene	165.83	5.1	U	5.1	0.43
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	13	U	13	0.71
124-48-1	Dibromochloromethane	208.29	5.1	U	5.1	1.3
106-93-4	1,2-Dibromoethane	187.87	5.1	U	5.1	0.30
108-90-7	Chlorobenzene	112.30	5.1	U	5.1	1.3
100-41-4	Ethylbenzene	106.17	5.1	U	5.1	0.35
179601-23-1	m,p-Xylene	106.17	13	U	13	0.58
95-47-6	Xylene, o-	106.17	5.1	U	5.1	1.3
1330-20-7	Xylene (total)	106.17	6.4		5.1	3.8
100-42-5	Styrene	104.15	9.8		5.1	1.3
75-25-2	Bromoform	252.75	5.1	U	5.1	1.3
79-34-5	1,1,2,2-Tetrachloroethane	167.85	5.1	U	5.1	1.3
622-96-8	4-Ethyltoluene	120.20	5.1	U	5.1	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	5.1	U	5.1	1.6
95-49-8	2-Chlorotoluene	126.59	5.1	U	5.1	1.6
95-63-6	1,2,4-Trimethylbenzene	120.20	5.1	U	5.1	1.6
541-73-1	1,3-Dichlorobenzene	147.00	5.1	U	5.1	0.46
106-46-7	1,4-Dichlorobenzene	147.00	5.1	U	5.1	0.53
95-50-1	1,2-Dichlorobenzene	147.00	5.1	U	5.1	0.43
120-82-1	1,2,4-Trichlorobenzene	181.45	13	U	13	0.81
87-68-3	Hexachlorobutadiene	260.76	5.1	U	5.1	0.56

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	63	U	63	1.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	35	U	35	2.1
74-87-3	Chloromethane	50.49	26	U	26	1.1
75-01-4	Vinyl chloride	62.50	13	U	13	1.6
106-99-0	1,3-Butadiene	54.09	11	U	11	1.5
74-83-9	Bromomethane	94.94	20	U	20	1.4
75-00-3	Chloroethane	64.52	33	U	33	6.7
593-60-2	Bromoethene(Vinyl Bromide)	106.96	22	U	22	5.5
75-69-4	Trichlorofluoromethane	137.37	28	U	28	7.1
76-13-1	Freon TF	187.38	39	U	39	9.7
75-35-4	1,1-Dichloroethene	96.94	20	U	20	1.5
67-64-1	Acetone	58.08	300	U	300	59
67-63-0	Isopropyl alcohol	60.10	310	U	310	2.7
75-15-0	Carbon disulfide	76.14	39	U	39	3.9
107-05-1	3-Chloropropene	76.53	40	U	40	2.3
75-09-2	Methylene Chloride	84.93	44	U	44	2.6
75-65-0	tert-Butyl alcohol	74.12	380	U	380	7.7
1634-04-4	Methyl tert-butyl ether	88.15	18	U	18	1.2
156-60-5	trans-1,2-Dichloroethene	96.94	20	U	20	5.0
110-54-3	n-Hexane	86.17	18	U	18	2.1
75-34-3	1,1-Dichloroethane	98.96	20	U	20	1.3
78-93-3	Methyl Ethyl Ketone	72.11	1100		37	4.8
156-59-2	cis-1,2-Dichloroethene	96.94	20	U	20	5.0
540-59-0	1,2-Dichloroethene, Total	96.94	20	U	20	10
67-66-3	Chloroform	119.38	25	U	25	6.2
109-99-9	Tetrahydrofuran	72.11	2300		370	7.5
71-55-6	1,1,1-Trichloroethane	133.41	28	U	28	6.9
110-82-7	Cyclohexane	84.16	17	U	17	1.0
56-23-5	Carbon tetrachloride	153.81	32	U	32	8.0
540-84-1	2,2,4-Trimethylpentane	114.23	24	U	24	1.5
71-43-2	Benzene	78.11	16	U	16	4.0
107-06-2	1,2-Dichloroethane	98.96	20	U	20	1.5
142-82-5	n-Heptane	100.21	21	U	21	2.8
79-01-6	Trichloroethene	131.39	27	U	27	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	23	U	23	1.9
123-91-1	1,4-Dioxane	88.11	460	U	460	3.2
75-27-4	Bromodichloromethane	163.83	34	U	34	8.5
10061-01-5	cis-1,3-Dichloropropene	110.97	23	U	23	5.7
108-10-1	methyl isobutyl ketone	100.16	180		52	6.6
108-88-3	Toluene	92.14	19	U	19	4.8
10061-02-6	trans-1,3-Dichloropropene	110.97	23	U	23	7.3
79-00-5	1,1,2-Trichloroethane	133.41	28	U	28	6.9
127-18-4	Tetrachloroethene	165.83	34	U	34	2.9
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	52	U	52	2.9
124-48-1	Dibromochloromethane	208.29	43	U	43	11
106-93-4	1,2-Dibromoethane	187.87	39	U	39	2.3
108-90-7	Chlorobenzene	112.30	23	U	23	5.8
100-41-4	Ethylbenzene	106.17	22	U	22	1.5
179601-23-1	m,p-Xylene	106.17	55	U	55	2.5
95-47-6	Xylene, o-	106.17	22	U	22	5.5
1330-20-7	Xylene (total)	106.17	28		22	16
100-42-5	Styrene	104.15	42		22	5.4
75-25-2	Bromoform	252.75	52	U	52	13
79-34-5	1,1,2,2-Tetrachloroethane	167.85	35	U	35	8.7
622-96-8	4-Ethyltoluene	120.20	25	U	25	8.0
108-67-8	1,3,5-Trimethylbenzene	120.20	25	U	25	8.0
95-49-8	2-Chlorotoluene	126.59	26	U	26	8.4
95-63-6	1,2,4-Trimethylbenzene	120.20	25	U	25	8.0
541-73-1	1,3-Dichlorobenzene	147.00	30	U	30	2.7
106-46-7	1,4-Dichlorobenzene	147.00	30	U	30	3.2
95-50-1	1,2-Dichlorobenzene	147.00	30	U	30	2.6
120-82-1	1,2,4-Trichlorobenzene	181.45	94	U	94	6.0
87-68-3	Hexachlorobutadiene	260.76	54	U	54	5.9

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-8
Client Smp ID: CE-VAPOR-7
Inj Date : 25-AUG-2010 21:32
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-8@4.43
Misc Info : 35,25.3,to15all cdf 4.43
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 8
Dil Factor: 25.30000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	25.30000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	35.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.574	3.574	(0.373)	5282	0.17873	4.5(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.441	6.446	(0.673)	163673	2.71025	69(a)
21 Carbon disulfide	76	6.693	6.698	(0.699)	66861	0.47866	12(a)
22 Isopropanol	45	Compound Not Detected.					

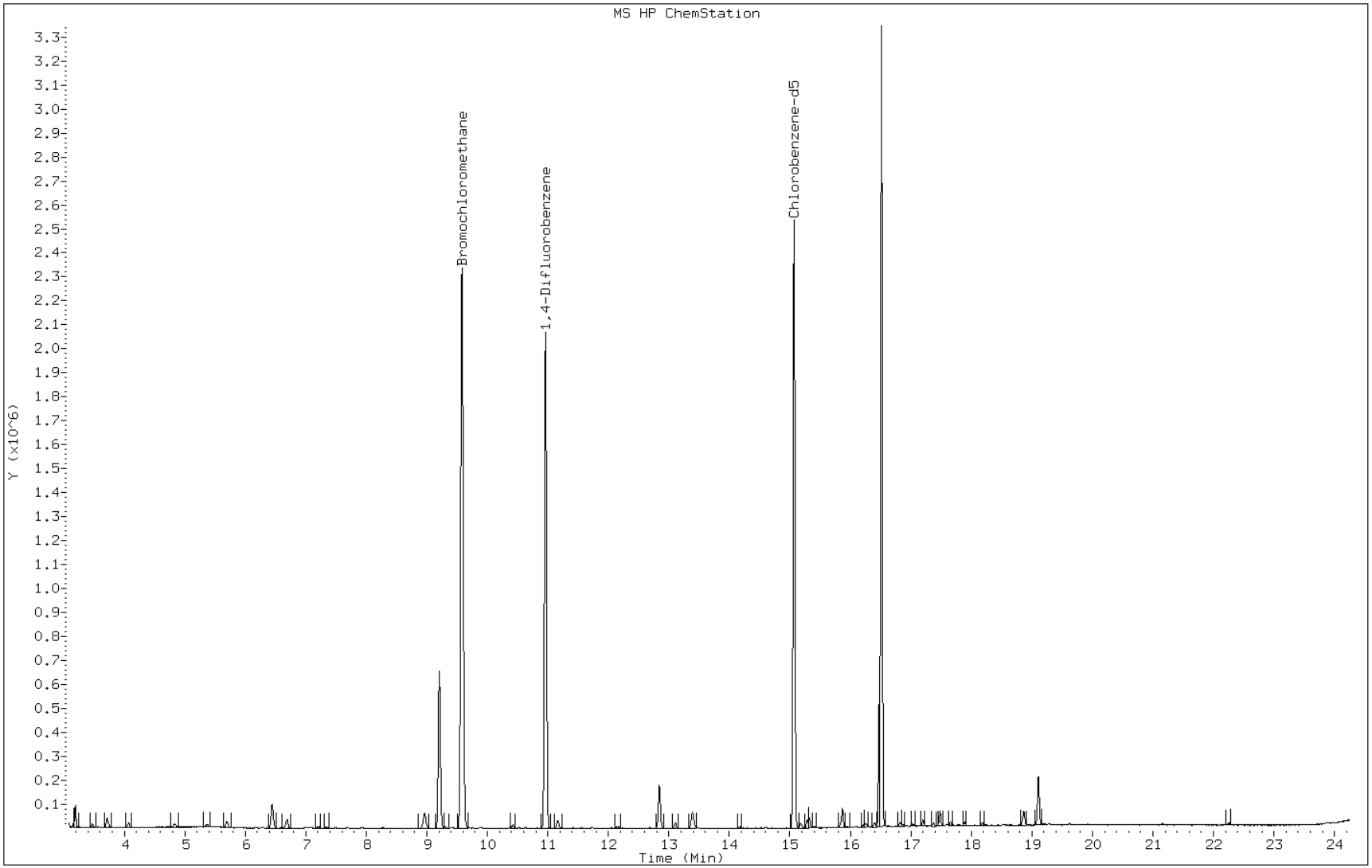
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.207	9.218	(0.962)	342518	14.9010	380(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	474757	10.0000	
	38 Tetrahydrofuran	42	9.587	9.597	(0.875)	1114487	30.3799	770
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.421	10.432	(0.951)	16854	0.10518	2.7(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.962	10.972	(1.000)	2368828	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	143222	1.73980	44
	58 Toluene	92	13.107	13.118	(0.870)	12858	0.14234	3.6(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1830149	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	17837	0.08685	2.2(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	14392	0.18065	4.6(a)
M	70 Xylenes, Total	106				20174	0.25347	6.4
	71 Xylene (o)	106	15.841	15.846	(1.051)	5782	0.07282	1.8(a)
	72 Styrene	104	15.867	15.873	(1.053)	45551	0.38621	9.8
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	6887	0.04818	1.2(a)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtk009.d	Date:	25-AUG-2010 21:32
Client ID:	CE-VAPOR-7	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-8@4.43		
Lab Sample ID:	200-1086-8		



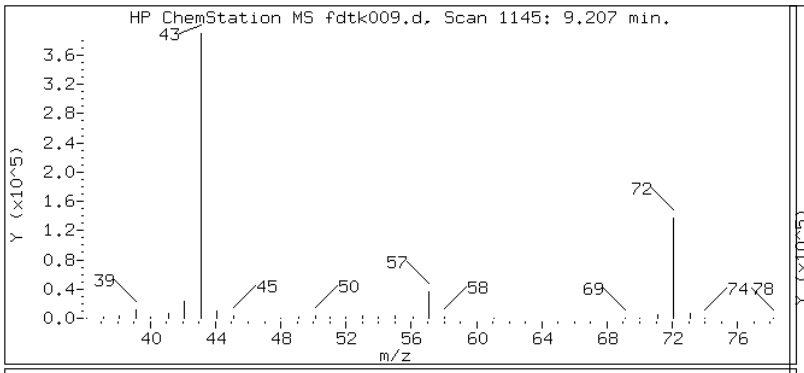
Data File: fdtk009.d

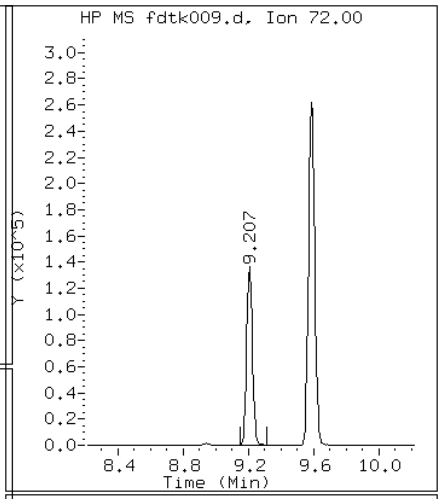
Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

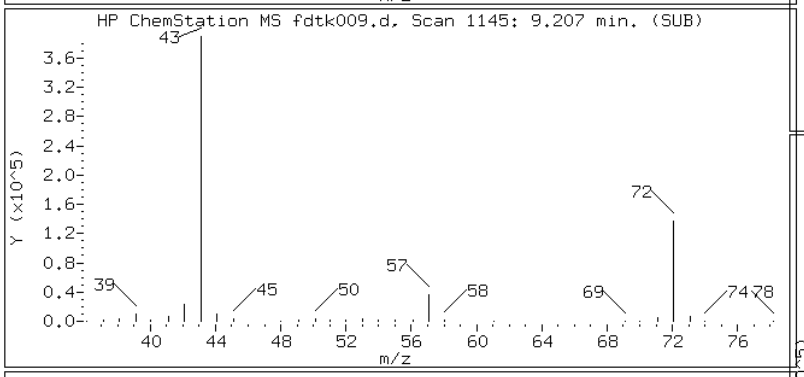
Client ID: CE-VAPOR-7 Instrument: F.i

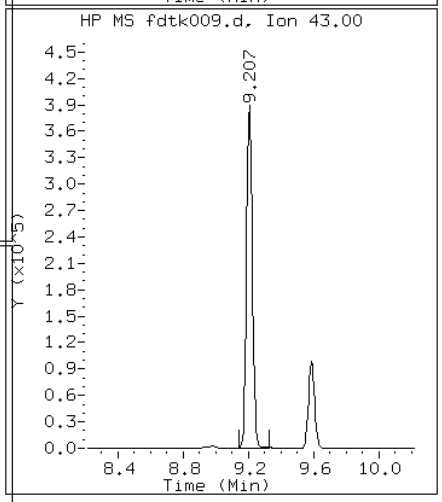
Sample Info: 200-1086-A-8@4.43 Operator: wrd

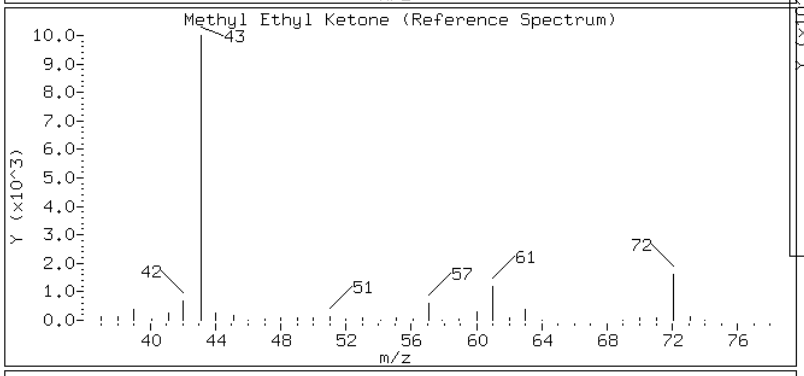
36 Methyl Ethyl Ketone

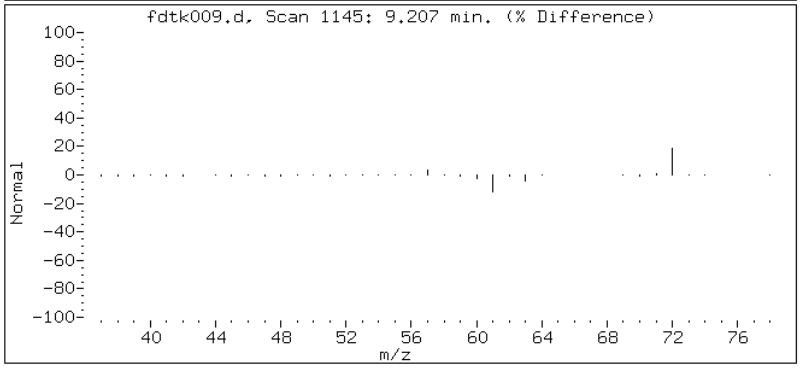












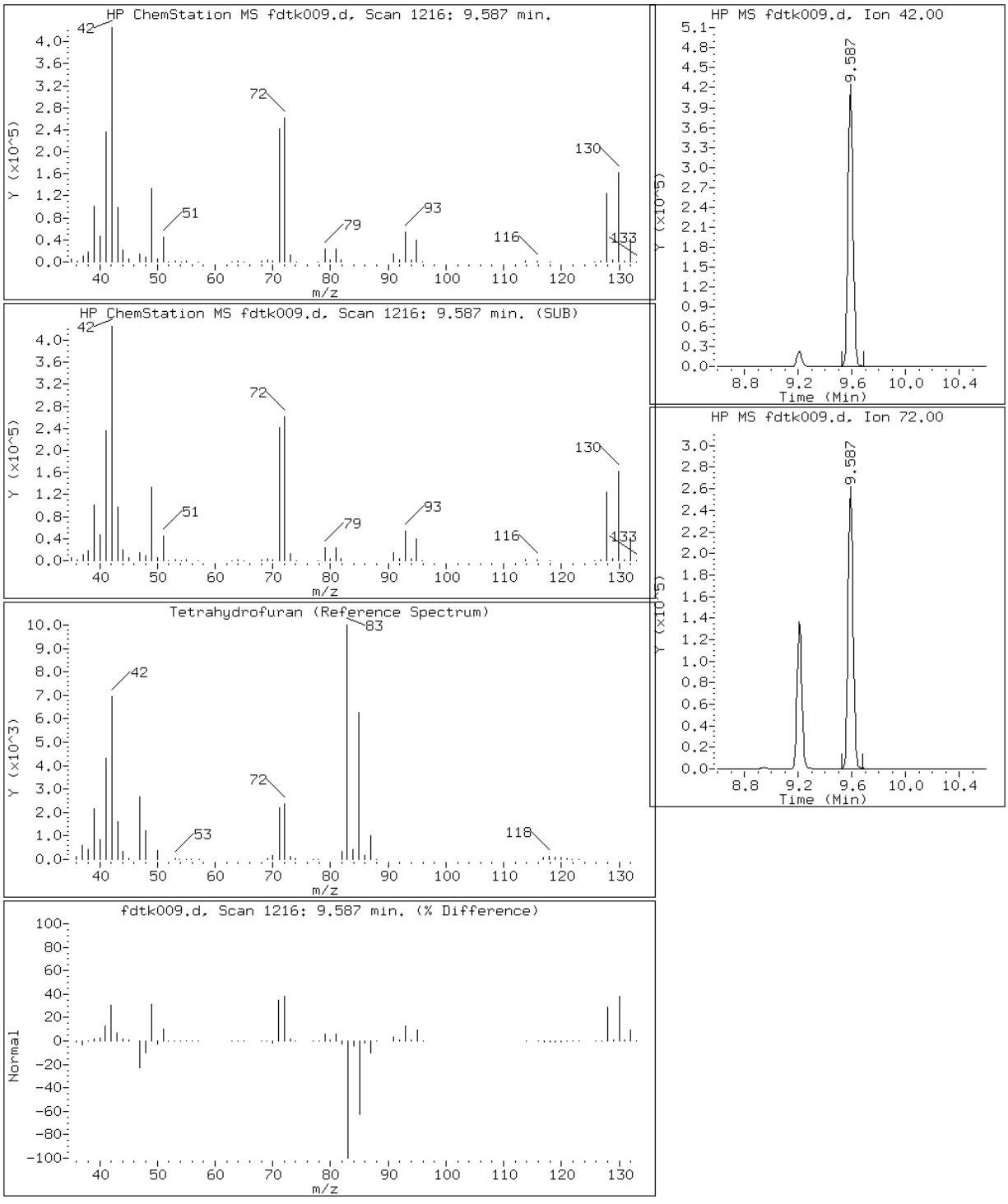
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

38 Tetrahydrofuran



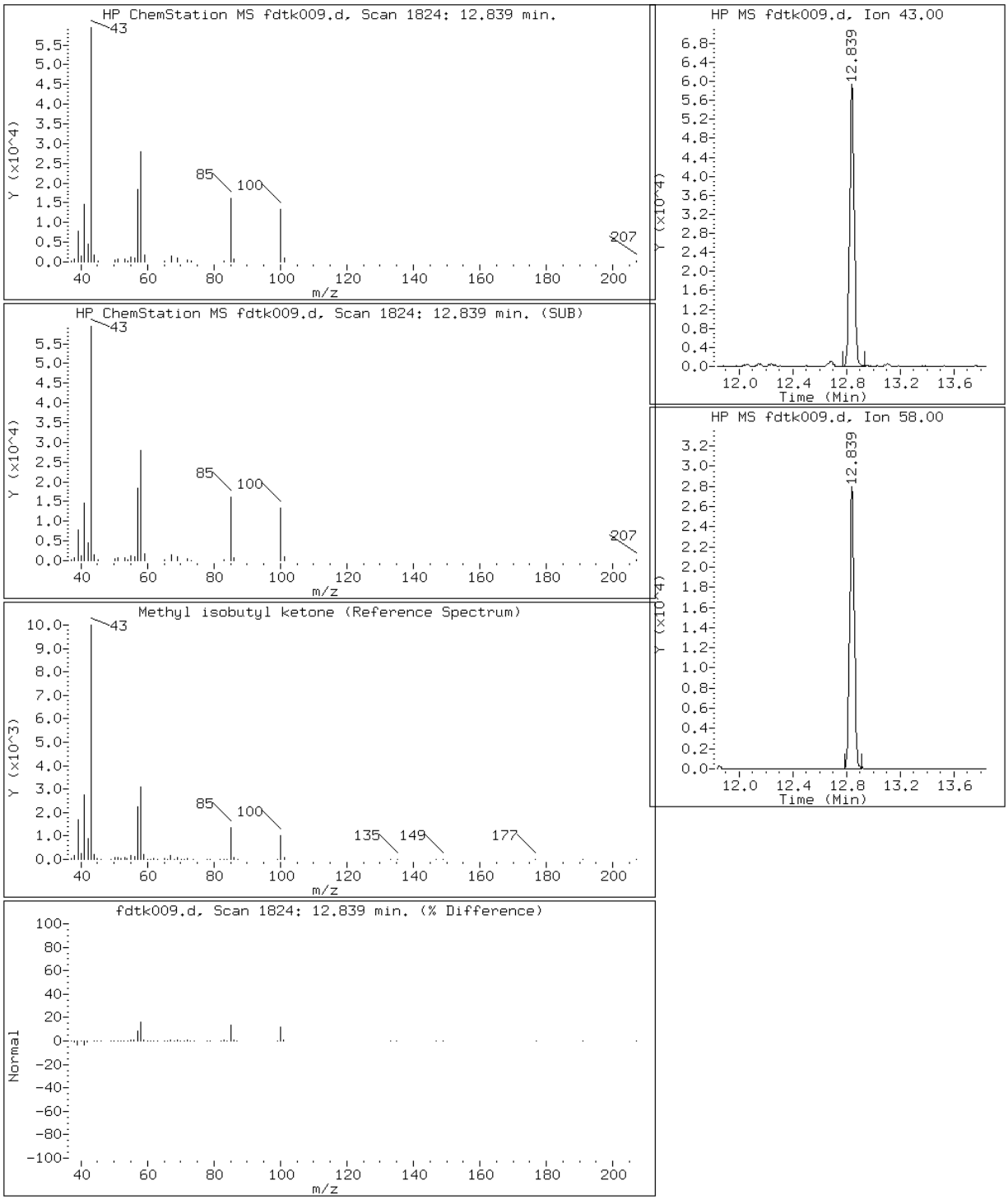
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

56 Methyl isobutyl ketone



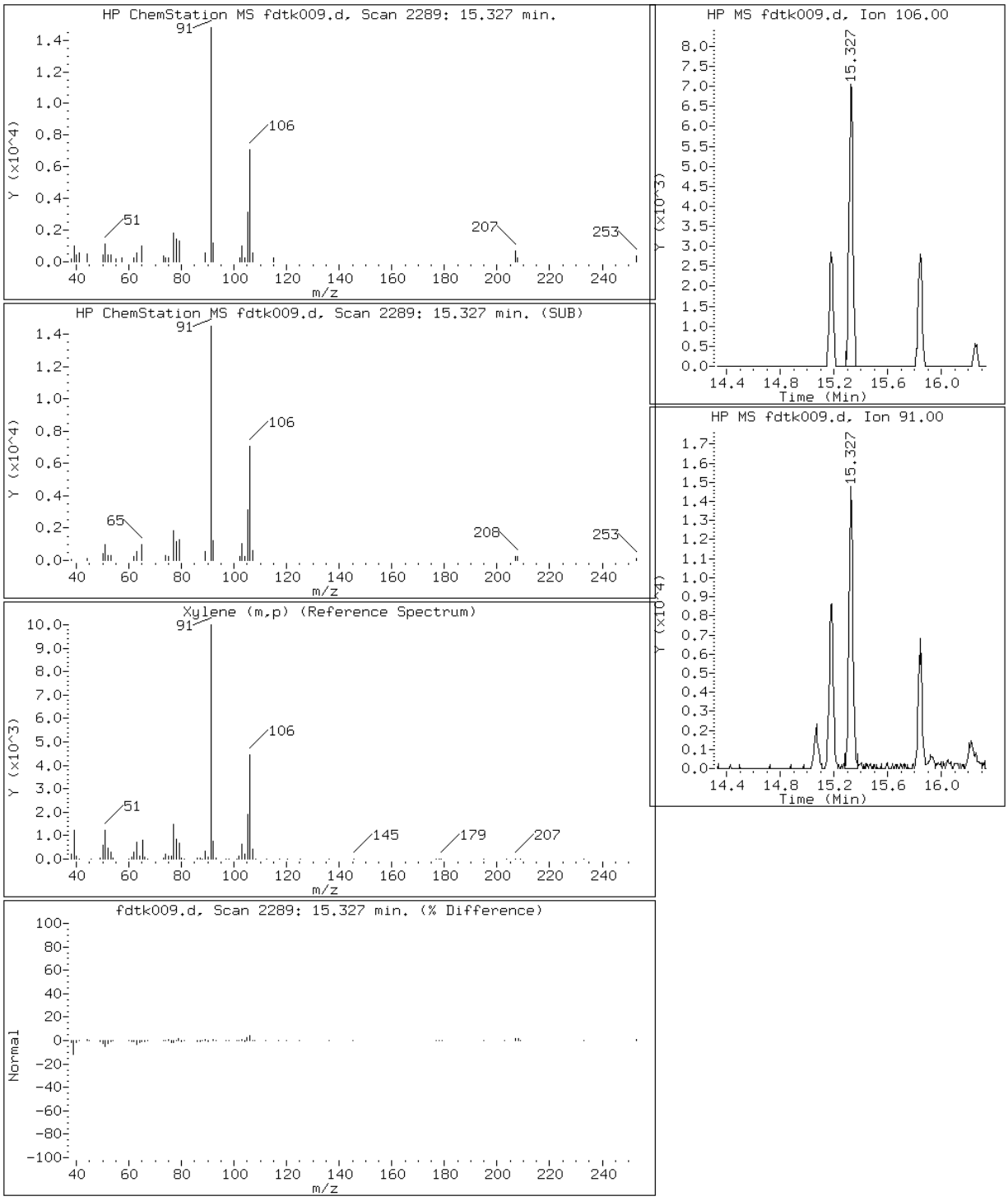
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

69 Xylene (m,p)



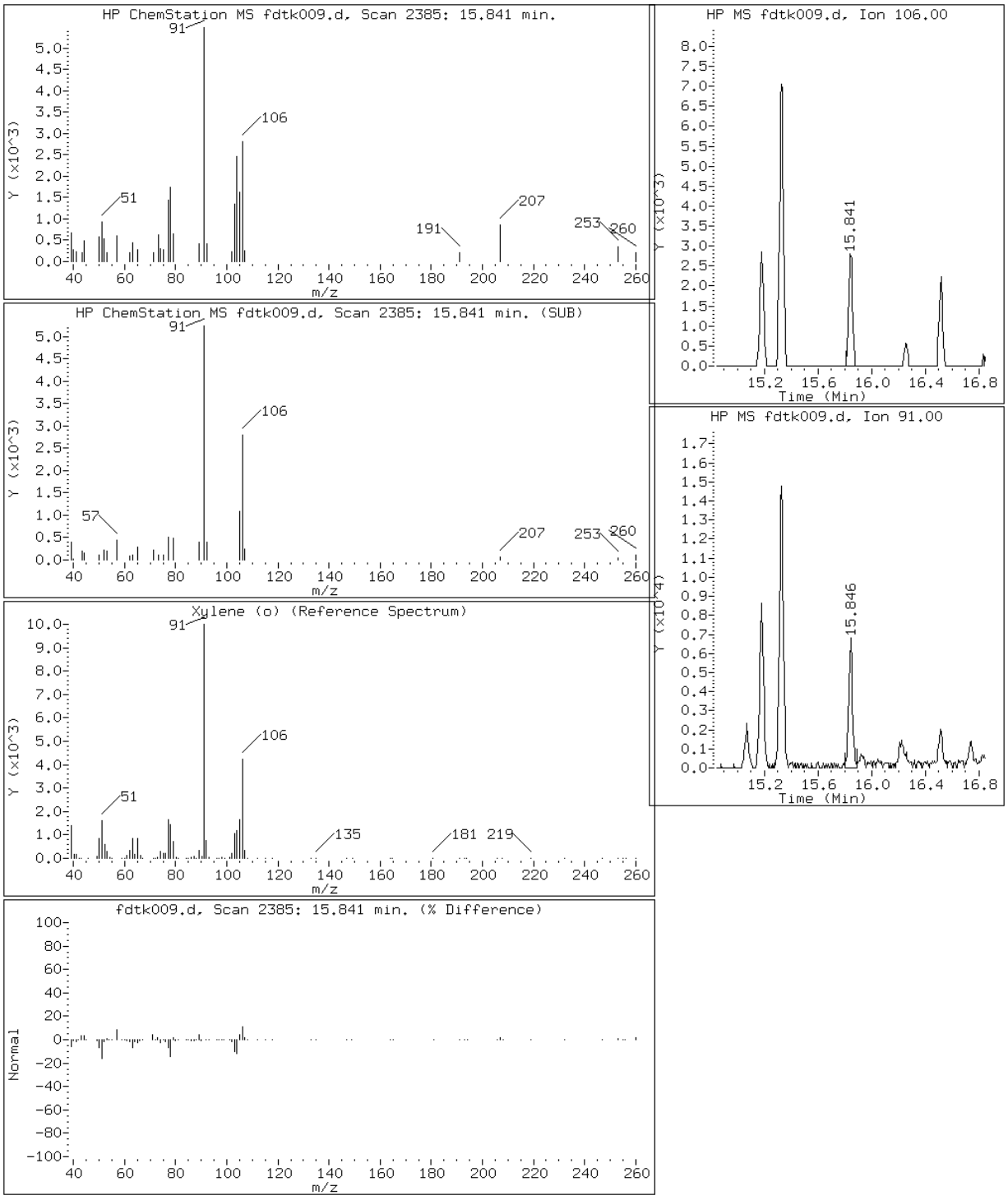
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

71 Xylene (o)



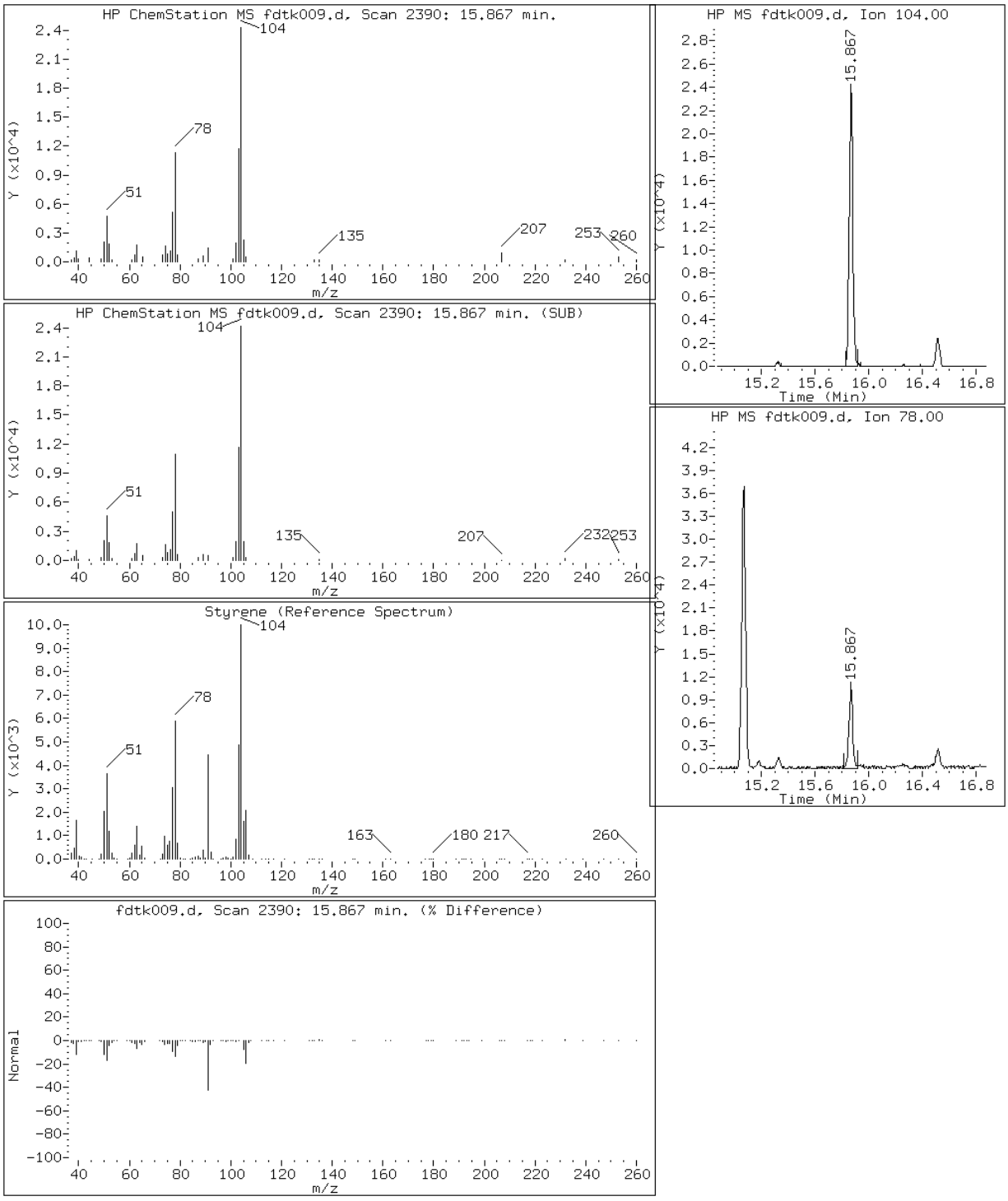
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

72 Styrene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 200-1086-9

Matrix: Air Lab File ID: fdtk010.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	0.24
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	0.24
74-87-3	Chloromethane	50.49	10	U	10	0.42
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	0.50
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.54
74-83-9	Bromomethane	94.94	4.0	U	4.0	0.28
75-00-3	Chloroethane	64.52	10	U	10	2.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.0	U	4.0	1.0
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.0
76-13-1	Freon TF	187.38	4.0	U	4.0	1.0
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	100	U	100	20
67-63-0	Isopropyl alcohol	60.10	100	U	100	0.86
75-15-0	Carbon disulfide	76.14	17		10	1.0
107-05-1	3-Chloropropene	76.53	10	U	10	0.58
75-09-2	Methylene Chloride	84.93	10	U	10	0.60
75-65-0	tert-Butyl alcohol	74.12	100	U	100	2.0
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	0.26
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	1.0
110-54-3	n-Hexane	86.17	4.0	U	4.0	0.46
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	200		10	1.3
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	1.0
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.0	U	4.0	1.0
109-99-9	Tetrahydrofuran	72.11	560		100	2.0
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	1.0
110-82-7	Cyclohexane	84.16	5.2		4.0	0.24
56-23-5	Carbon tetrachloride	153.81	4.0	U	4.0	1.0
540-84-1	2,2,4-Trimethylpentane	114.23	4.0	U	4.0	0.26
71-43-2	Benzene	78.11	4.0	U	4.0	1.0
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	4.0	U	4.0	0.54
79-01-6	Trichloroethene	131.39	4.0	U	4.0	0.28

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 | Lab Sample ID: 200-1086-9

Matrix: Air | Lab File ID: fdtk010.d

Analysis Method: TO-15 | Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) | Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 5661 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	0.32
123-91-1	1,4-Dioxane	88.11	100	U	100	0.70
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	1.0
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	1.0
108-10-1	methyl isobutyl ketone	100.16	28		10	1.3
108-88-3	Toluene	92.14	4.9		4.0	1.0
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.3
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	1.0
127-18-4	Tetrachloroethene	165.83	4.0	U	4.0	0.34
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	0.56
124-48-1	Dibromochloromethane	208.29	4.0	U	4.0	1.0
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.24
108-90-7	Chlorobenzene	112.30	4.0	U	4.0	1.0
100-41-4	Ethylbenzene	106.17	4.0	U	4.0	0.28
179601-23-1	m,p-Xylene	106.17	10	U	10	0.46
95-47-6	Xylene, o-	106.17	4.0	U	4.0	1.0
1330-20-7	Xylene (total)	106.17	6.3		4.0	3.0
100-42-5	Styrene	104.15	5.8		4.0	1.0
75-25-2	Bromoform	252.75	4.0	U	4.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	1.0
622-96-8	4-Ethyltoluene	120.20	4.0	U	4.0	1.3
108-67-8	1,3,5-Trimethylbenzene	120.20	4.0	U	4.0	1.3
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	1.3
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0	U	4.0	1.3
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	0.36
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	0.42
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	0.34
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	0.64
87-68-3	Hexachlorobutadiene	260.76	4.0	U	4.0	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 200-1086-9

Matrix: Air Lab File ID: fdtk010.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	1.7
74-87-3	Chloromethane	50.49	21	U	21	0.87
75-01-4	Vinyl chloride	62.50	10	U	10	1.3
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.2
74-83-9	Bromomethane	94.94	16	U	16	1.1
75-00-3	Chloroethane	64.52	26	U	26	5.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	17	U	17	4.4
75-69-4	Trichlorofluoromethane	137.37	22	U	22	5.6
76-13-1	Freon TF	187.38	31	U	31	7.7
75-35-4	1,1-Dichloroethene	96.94	16	U	16	1.2
67-64-1	Acetone	58.08	240	U	240	47
67-63-0	Isopropyl alcohol	60.10	250	U	250	2.1
75-15-0	Carbon disulfide	76.14	52		31	3.1
107-05-1	3-Chloropropene	76.53	31	U	31	1.8
75-09-2	Methylene Chloride	84.93	35	U	35	2.1
75-65-0	tert-Butyl alcohol	74.12	300	U	300	6.1
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	0.94
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	4.0
110-54-3	n-Hexane	86.17	14	U	14	1.6
75-34-3	1,1-Dichloroethane	98.96	16	U	16	1.1
78-93-3	Methyl Ethyl Ketone	72.11	600		29	3.8
156-59-2	cis-1,2-Dichloroethene	96.94	16	U	16	4.0
540-59-0	1,2-Dichloroethene, Total	96.94	16	U	16	7.9
67-66-3	Chloroform	119.38	20	U	20	4.9
109-99-9	Tetrahydrofuran	72.11	1600		290	5.9
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	5.5
110-82-7	Cyclohexane	84.16	18		14	0.83
56-23-5	Carbon tetrachloride	153.81	25	U	25	6.3
540-84-1	2,2,4-Trimethylpentane	114.23	19	U	19	1.2
71-43-2	Benzene	78.11	13	U	13	3.2
107-06-2	1,2-Dichloroethane	98.96	16	U	16	1.2
142-82-5	n-Heptane	100.21	16	U	16	2.2
79-01-6	Trichloroethene	131.39	21	U	21	1.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 200-1086-9

Matrix: Air Lab File ID: fdtk010.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	18	U	18	1.5
123-91-1	1,4-Dioxane	88.11	360	U	360	2.5
75-27-4	Bromodichloromethane	163.83	27	U	27	6.7
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	4.5
108-10-1	methyl isobutyl ketone	100.16	120		41	5.2
108-88-3	Toluene	92.14	18		15	3.8
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	5.8
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	5.5
127-18-4	Tetrachloroethene	165.83	27	U	27	2.3
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	2.3
124-48-1	Dibromochloromethane	208.29	34	U	34	8.5
106-93-4	1,2-Dibromoethane	187.87	31	U	31	1.8
108-90-7	Chlorobenzene	112.30	18	U	18	4.6
100-41-4	Ethylbenzene	106.17	17	U	17	1.2
179601-23-1	m,p-Xylene	106.17	43	U	43	2.0
95-47-6	Xylene, o-	106.17	17	U	17	4.3
1330-20-7	Xylene (total)	106.17	27		17	13
100-42-5	Styrene	104.15	25		17	4.3
75-25-2	Bromoform	252.75	41	U	41	10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	6.9
622-96-8	4-Ethyltoluene	120.20	20	U	20	6.3
108-67-8	1,3,5-Trimethylbenzene	120.20	20	U	20	6.3
95-49-8	2-Chlorotoluene	126.59	21	U	21	6.6
95-63-6	1,2,4-Trimethylbenzene	120.20	20	U	20	6.3
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	2.2
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	2.5
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	4.7
87-68-3	Hexachlorobutadiene	260.76	43	U	43	4.7

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-9
Client Smp ID: CE-VAPOR-8
Inj Date : 25-AUG-2010 22:22
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-9@4.41
Misc Info : 44,20.0,to15all cdf 4.41
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 9
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	44.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.579	3.574	(0.374)	4198	0.14436	2.9(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.446	6.446	(0.674)	125235	2.10745	42(a)
21 Carbon disulfide	76	6.692	6.698	(0.699)	115693	0.84170	17
22 Isopropanol	45	Compound Not Detected.					

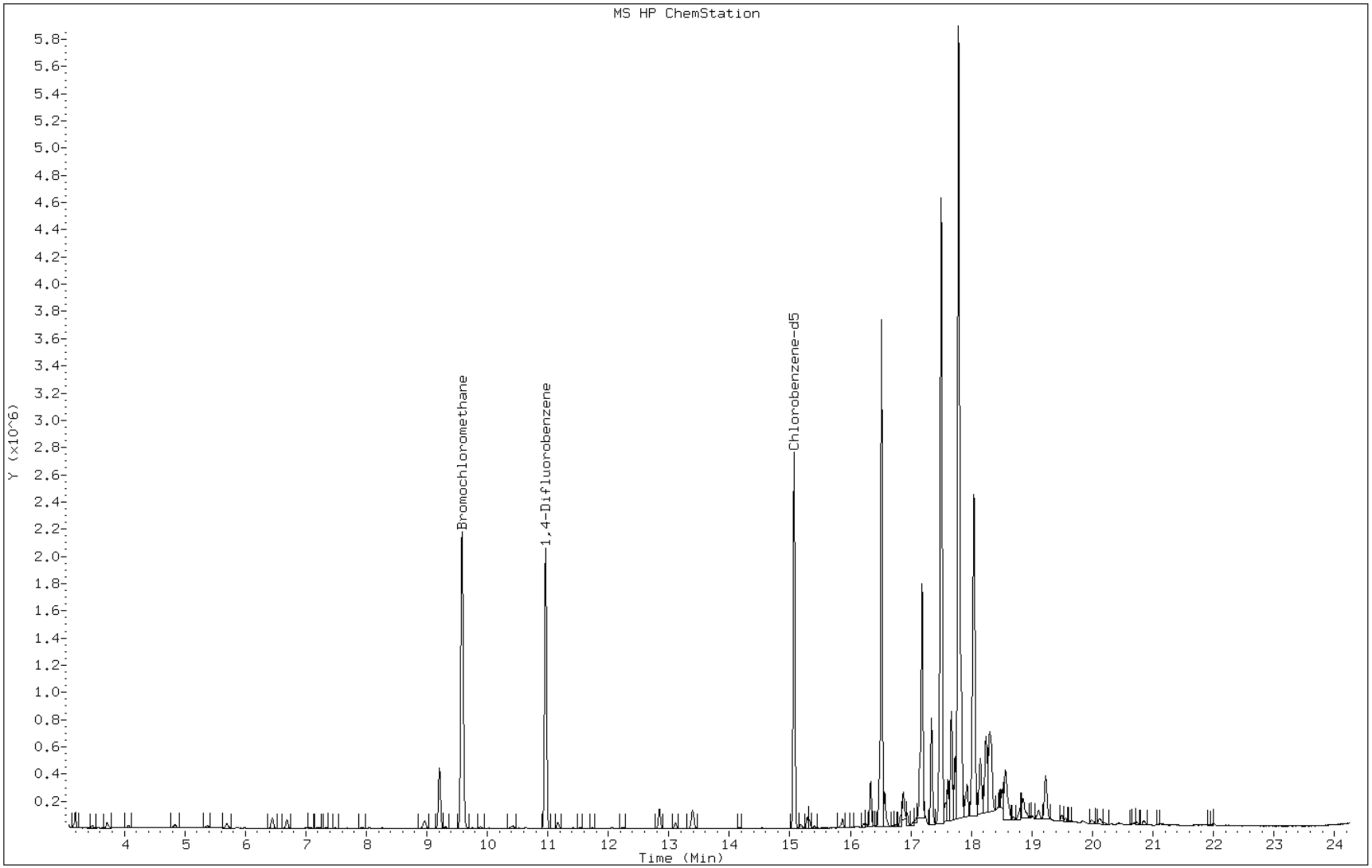
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.928	7.934	(0.828)	4138	0.06265	1.3(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.207	9.218	(0.962)	231389	10.2300	200(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	467166	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	1009157	27.9381	560
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.892	9.918	(0.902)	17589	0.26214	5.2(QM)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.426	10.432	(0.951)	20356	0.12901	2.6(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2332423	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	114506	1.41268	28
	58 Toluene	92	13.112	13.118	(0.870)	24183	0.24330	4.9
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2013705	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.177	15.188	(1.007)	27972	0.12378	2.5(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	22400	0.25554	5.1(a)
M	70 Xylenes, Total	106				27690	0.31609	6.3
	71 Xylene (o)	106	15.846	15.846	(1.051)	5290	0.06055	1.2(a)
	72 Styrene	104	15.867	15.873	(1.053)	37452	0.28860	5.8
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	12139	0.05389	1.1(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

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

Data File:	fdtk010.d	Date:	25-AUG-2010 22:22
Client ID:	CE-VAPOR-8	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-9@4.41		
Lab Sample ID:	200-1086-9		



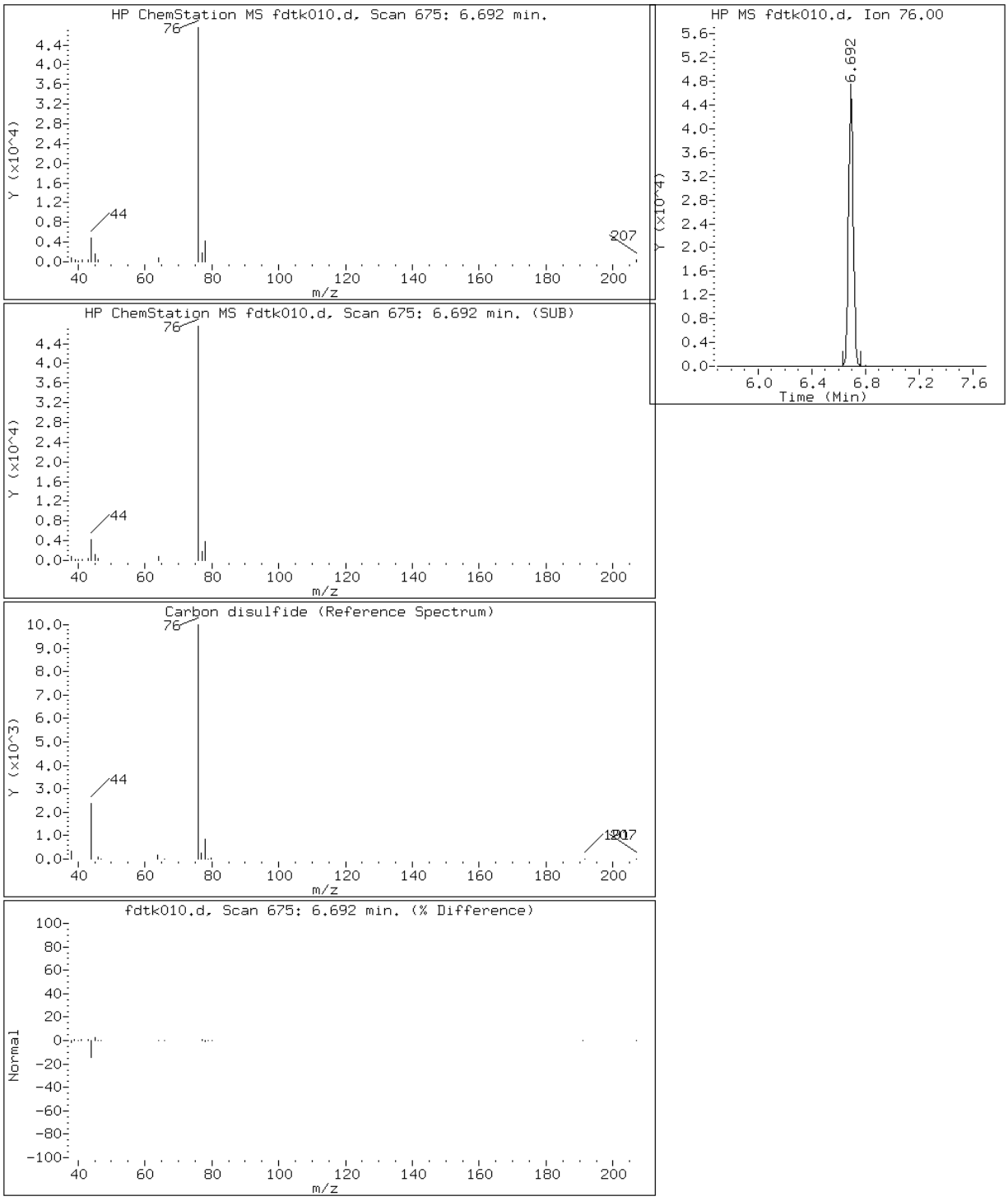
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

21 Carbon disulfide



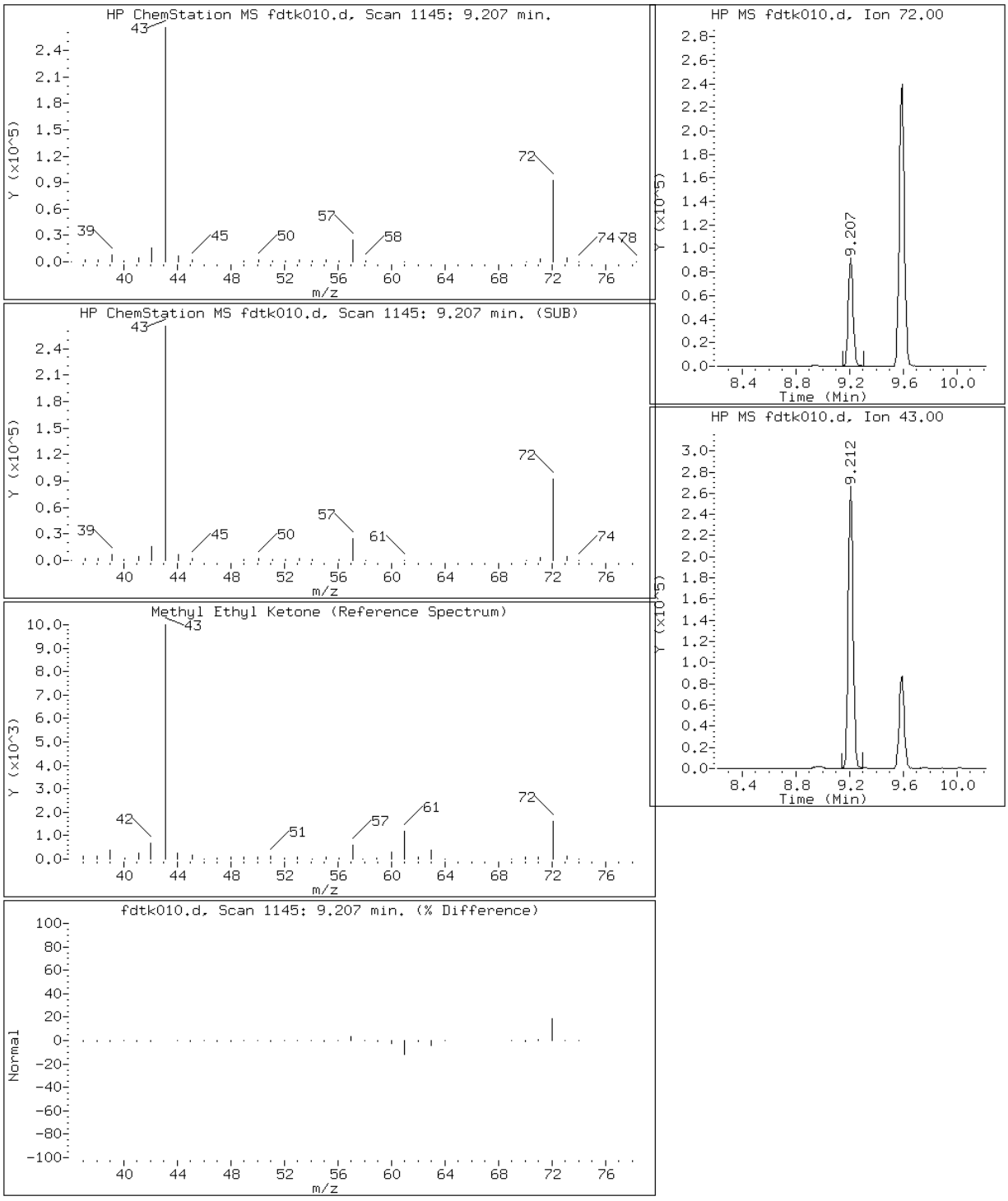
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

36 Methyl Ethyl Ketone



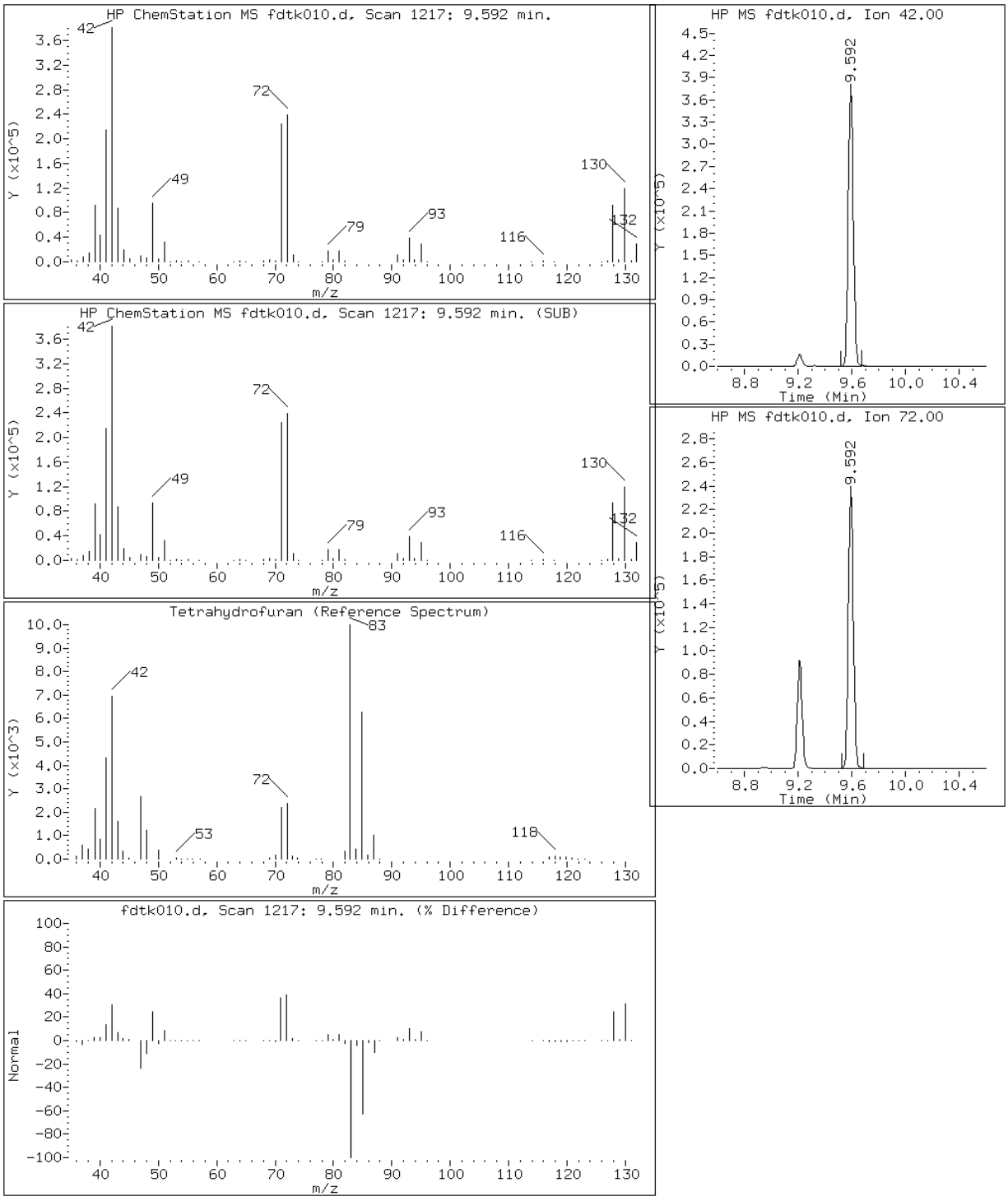
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

38 Tetrahydrofuran



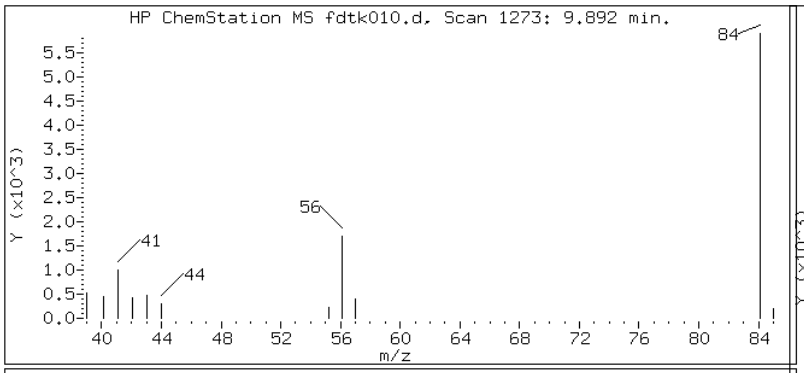
Data File: fdtk010.d

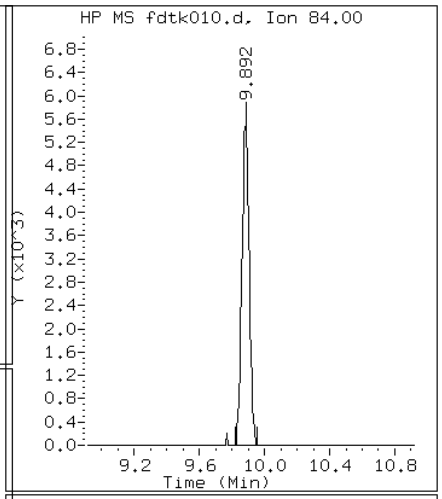
Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

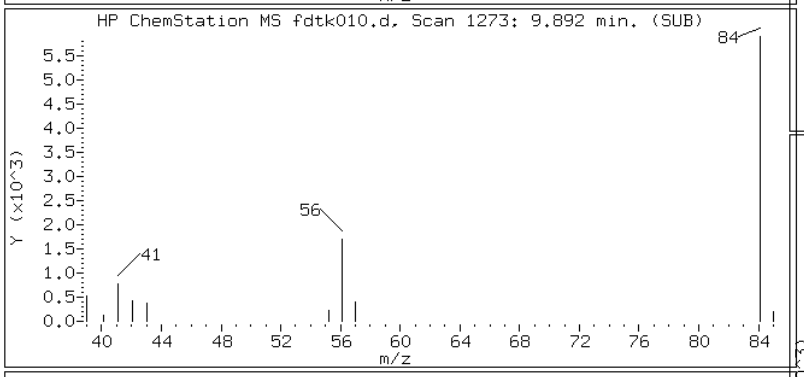
Client ID: CE-VAPOR-8 Instrument: F.i

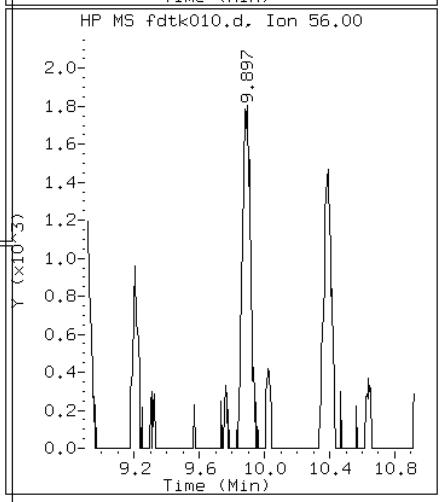
Sample Info: 200-1086-A-9@4.41 Operator: wrd

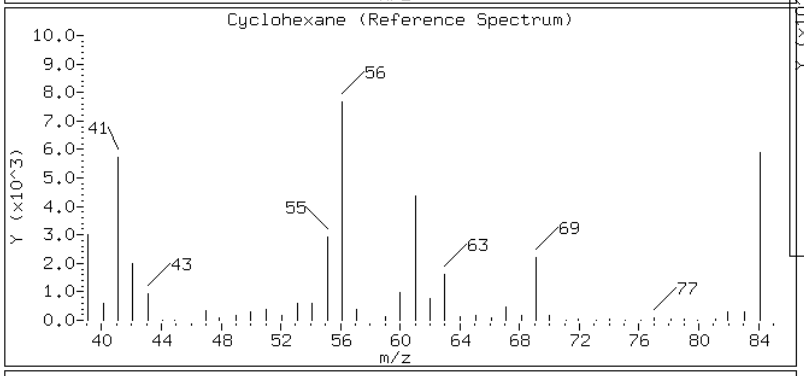
40 Cyclohexane

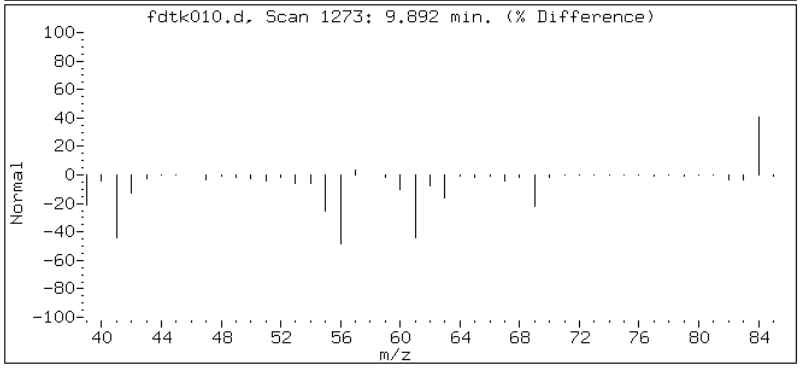












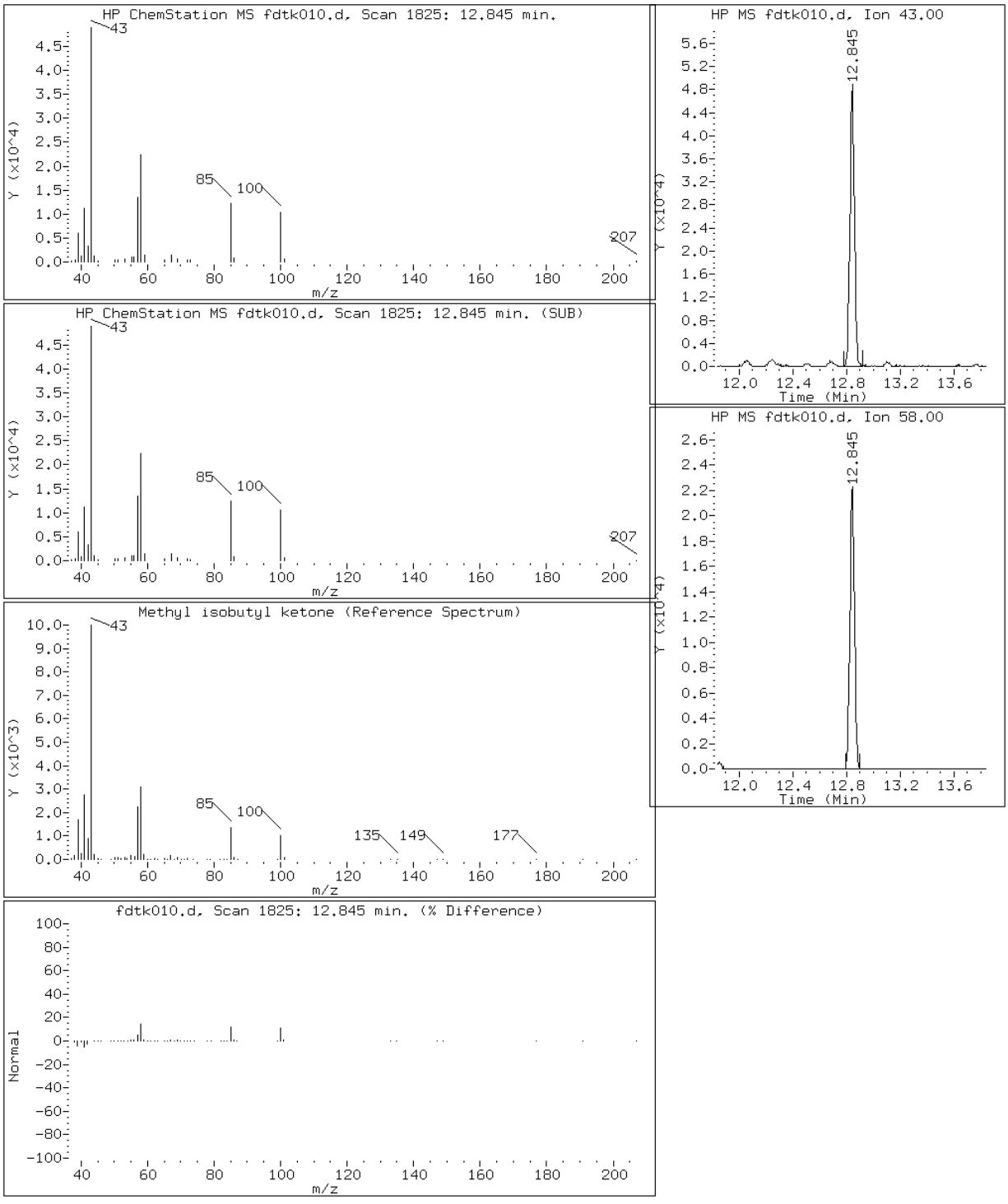
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

56 Methyl isobutyl ketone



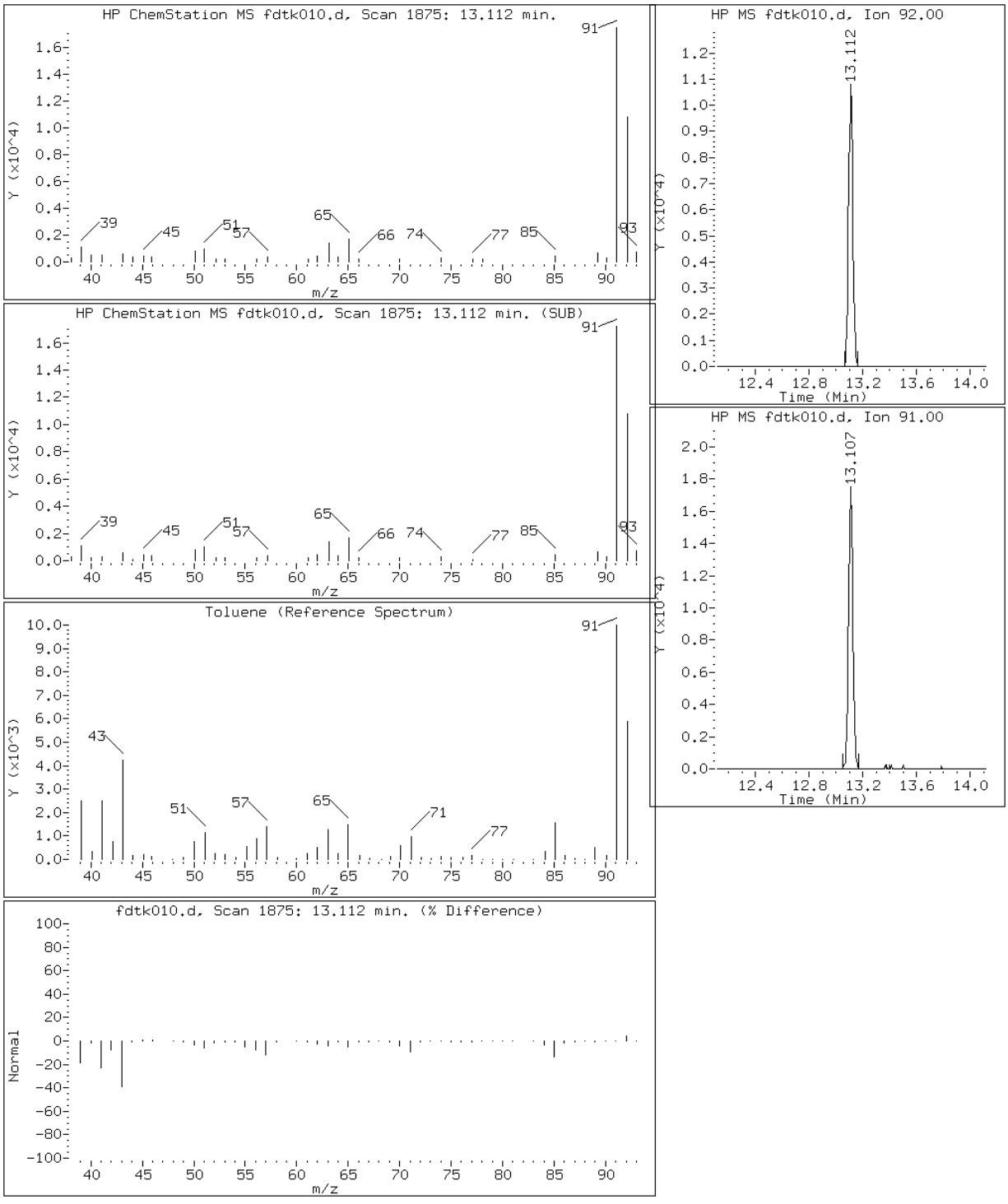
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

58 Toluene



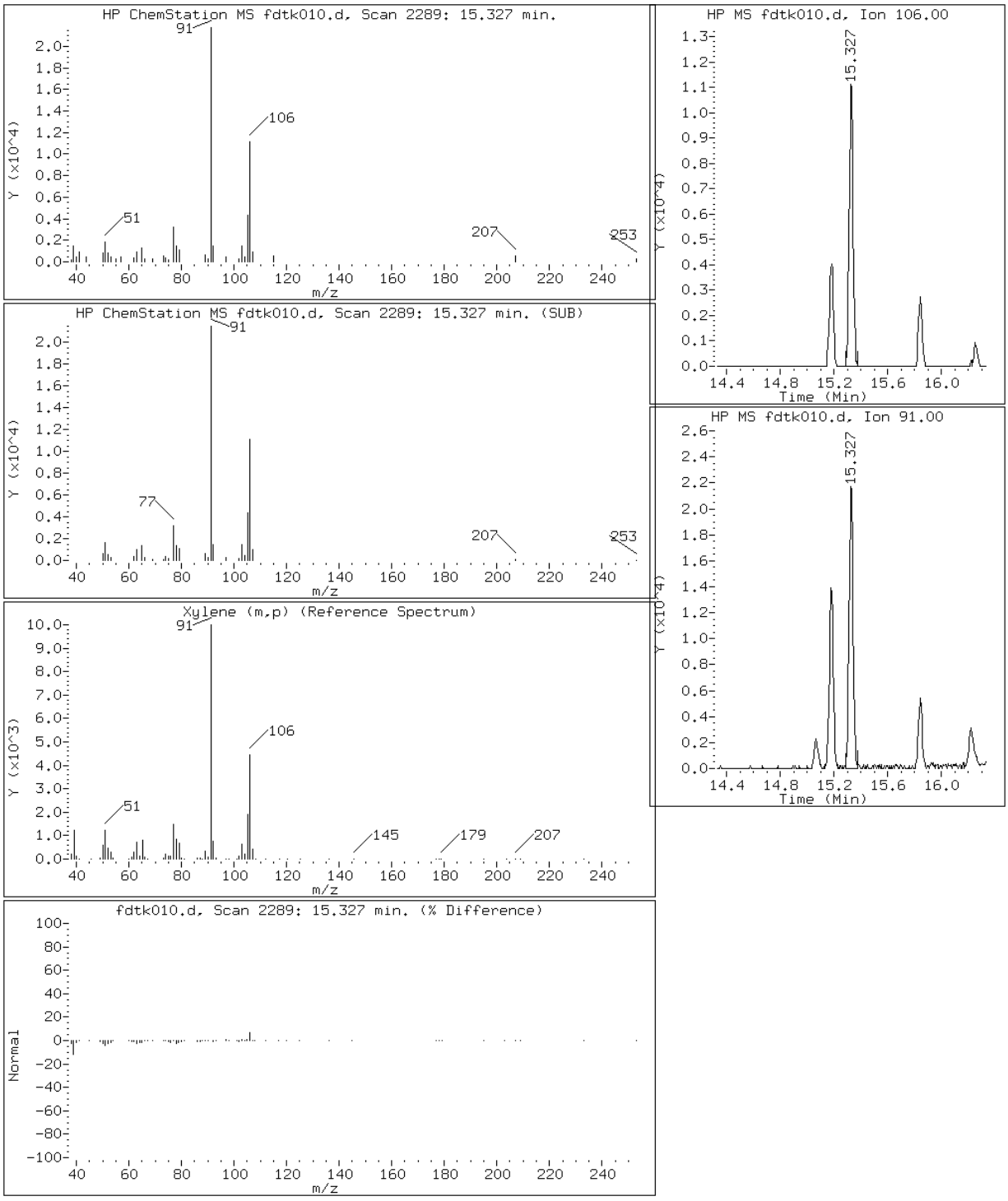
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

69 Xylene (m,p)



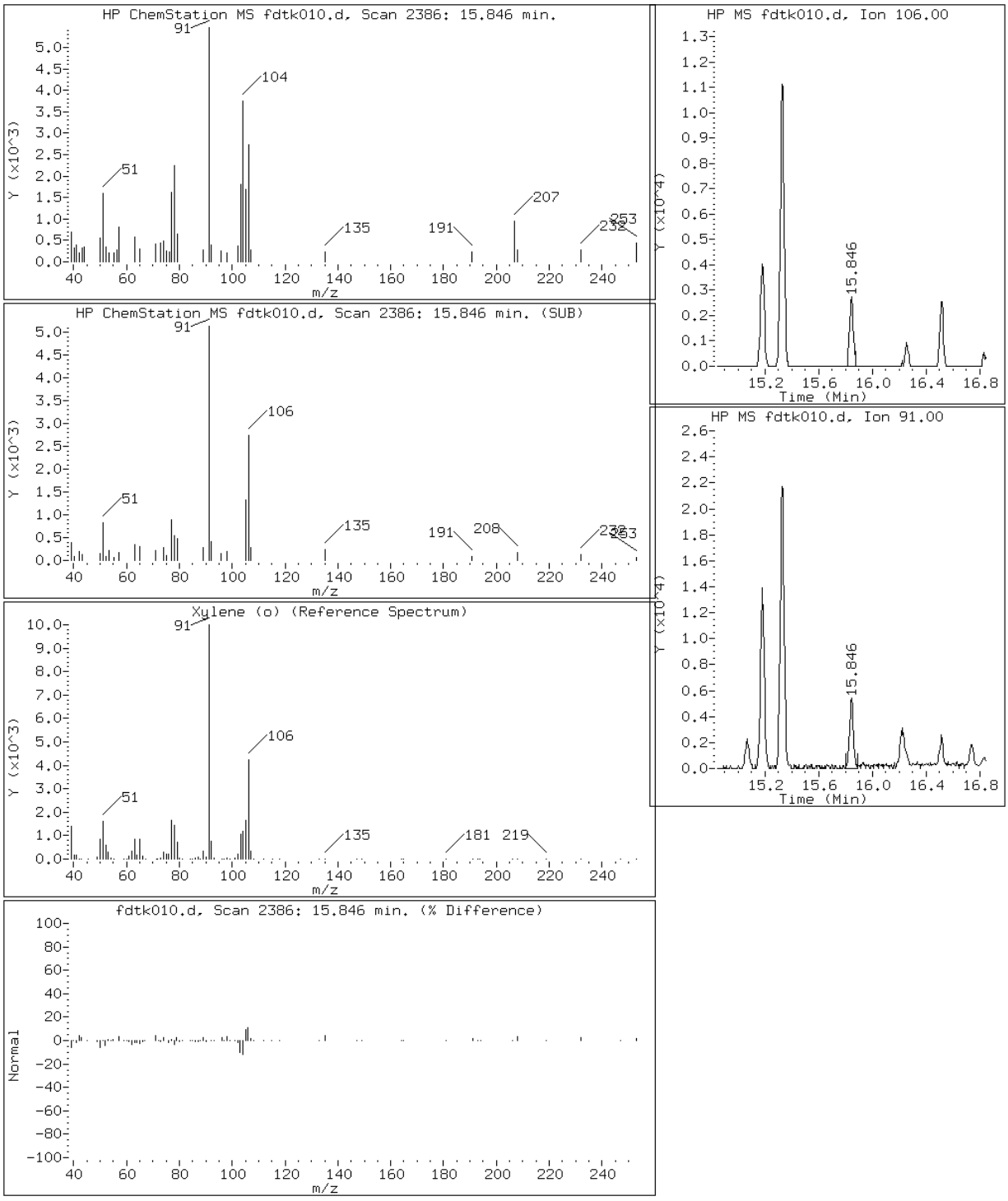
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

71 Xylene (o)



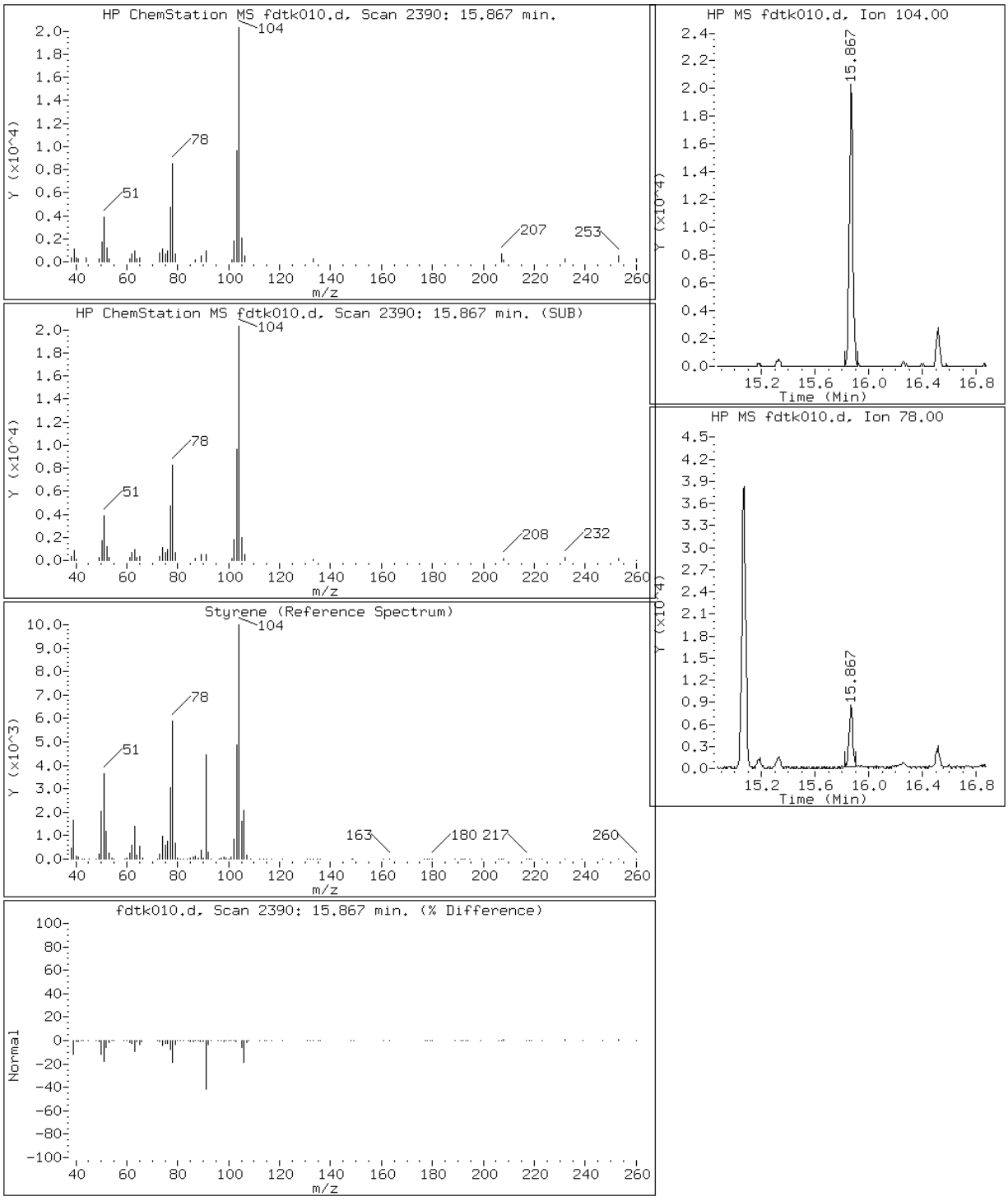
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

72 Styrene



Manual Integration Report

Data File: fdtk010.d
Lab Sample ID: 200-1086-9
Inj. Date and Time: 25-AUG-2010 22:22
Instrument ID: F.i
Client ID: CE-VAPOR-8
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 08/27/2010

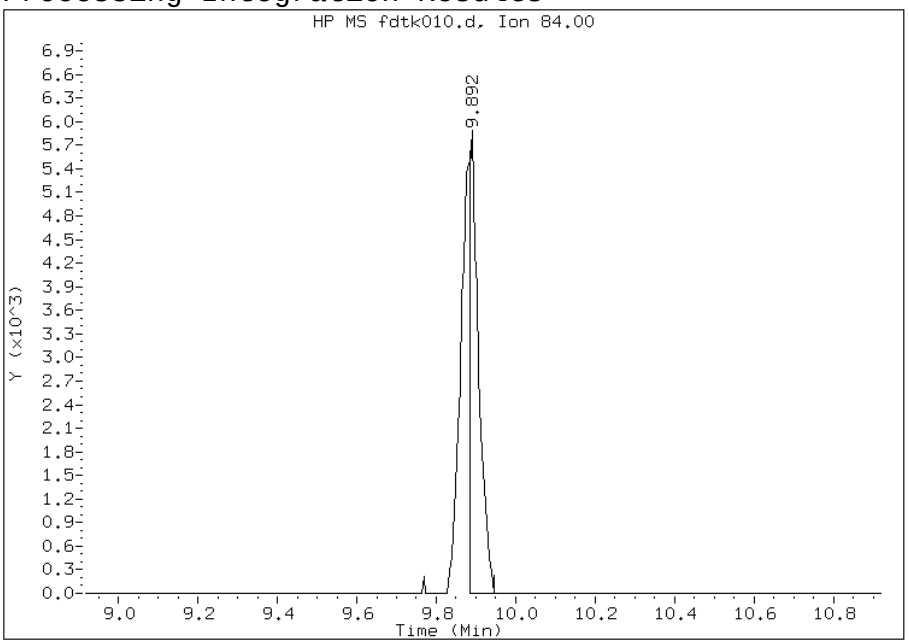
Processing Integration Results

RT: 9.89

Response: 9133

Amount: 0.136115

Conc: 2.72



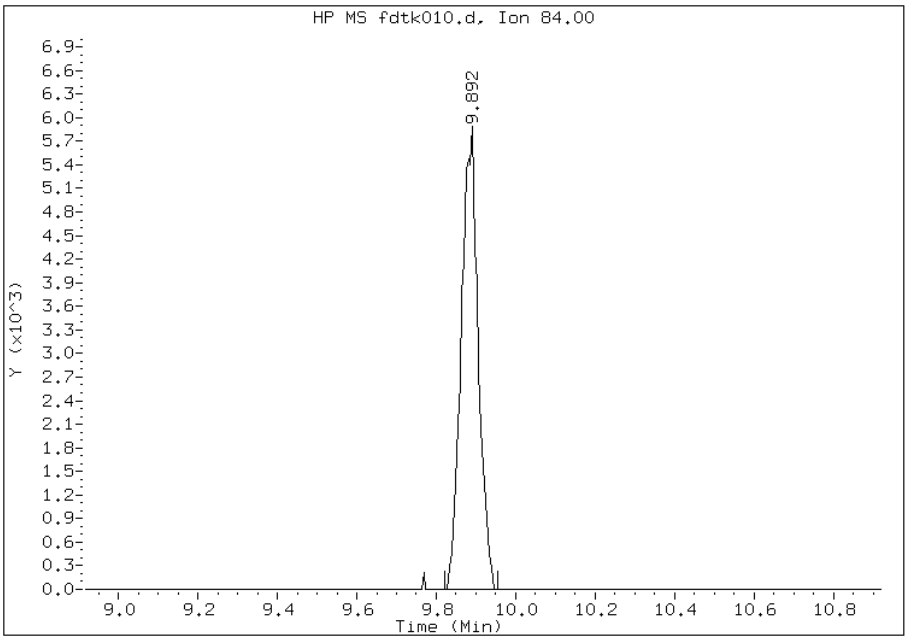
Manual Integration Results

RT: 9.89

Response: 17589

Amount: 0.262140

Conc: 5.24



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-5141/3	fdt003.d
Level 2	IC 200-5141/4	fdt004.d
Level 3	IC 200-5141/5	fdt005.d
Level 4	ICIS 200-5141/6	fdt006.d
Level 5	IC 200-5141/7	fdt007.d
Level 6	IC 200-5141/8	fdt008.d
Level 7	IC 200-5141/9	fdt009.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	0.4318	0.5321 0.4245	0.4672	0.3662	0.4655	Ave		0.4479				12.3		30.0			
Dichlorodifluoromethane	2.1035	2.4715 1.9235	2.2522	1.9292	2.2018	Ave		2.1469				9.7		30.0			
Freon 22	1.0514	1.2804 1.0082	1.1325	0.9191	1.1262	Ave		1.0863				11.4		30.0			
1,2-Dichlorotetrafluoroethane	2.3972 2.1479	2.4909 2.0485	2.2608	2.0543	2.2877	Ave		2.2411				7.5		30.0			
Chloromethane	0.5965	0.7904 0.5699	0.6284	0.5199	0.6300	Ave		0.6225				14.8		30.0			
n-Butane	1.0152	1.2088 0.9789	1.0472	0.8662	1.0705	Ave		1.0311				10.9		30.0			
Vinyl chloride	0.7759 0.7753	0.8770 0.7503	0.7840	0.6506	0.8025	Ave		0.7737				8.7		30.0			
1,3-Butadiene	0.5531 0.5858	0.6244 0.5698	0.5817	0.4812	0.6000	Ave		0.5708				8.0		30.0			
Bromomethane	1.0650 0.8156	1.1056 0.8063	0.9568	0.8063	0.9725	Ave		0.9326				13.5		30.0			
Chloroethane	0.4267	0.5503 0.4152	0.4612	0.3901	0.4800	Ave		0.4539				12.6		30.0			
Isopentane	1.1133 0.8123	1.0620 0.7974	0.8252	0.7084	0.8551	Ave		0.8819				16.8		30.0			
Bromoethene(Vinyl Bromide)	0.9144 0.8309	1.0589 0.7953	0.9456	0.8111	1.0018	Ave		0.9083				11.1		30.0			
Trichlorofluoromethane	2.5503 2.3886	3.0947 2.3287	2.8004	2.3788	2.9165	Ave		2.6369				11.4		30.0			
n-Pentane	1.1763	1.3317 1.1488	1.2180	1.0326	1.2530	Ave		1.1934				8.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.2968	0.3356 0.2811	0.3158	0.2432	0.3122	Ave		0.2974				10.9		30.0			
Ethyl ether	0.6804 0.6858	0.7476 0.6740	0.7053	0.5850	0.7364	Ave		0.6878				7.8		30.0			
Acrolein	0.3416	0.3327	0.3482	0.2879	0.3676	Ave		0.3356				8.8		30.0			
Freon TF	2.0533 1.8958	1.9914 1.7862	2.1505	1.8145	2.0113	Ave		1.9576				6.7		30.0			
1,1-Dichloroethene	0.8902 0.9366	0.9602 0.8910	1.0305	0.8795	0.9840	Ave		0.9389				6.0		30.0			
Acetone	1.2010	1.1855	1.4311	1.2698	1.2727	Ave		1.2720				7.6		30.0			
Isopropyl alcohol	0.9302	0.8692	0.9863	0.7619	0.9757	Ave		0.9047				10.2		30.0			
Carbon disulfide	2.9082	3.1761 2.7619	3.1135	2.6382	3.0556	Ave		2.9422				7.2		30.0			
3-Chloropropene	1.0435 0.9351	1.0187 0.9080	0.9241	0.7440	0.9565	Ave		0.9329				10.4		30.0			
Acetonitrile	0.5215	0.5238	0.5305	0.5009	0.5741	Ave		0.5302				5.1		30.0			
Methylene Chloride	0.8450	1.1161 0.8202	0.9051	0.7678	0.8896	Ave		0.8906				13.6		30.0			
tert-Butyl alcohol	1.6706	1.5569	1.7055	1.4947	1.7643	Ave		1.6384				6.7		30.0			
Methyl tert-butyl ether	2.8752 2.9905	3.0933 2.9023	3.0445	2.6161	3.1467	Ave		2.9526				6.0		30.0			
trans-1,2-Dichloroethene	1.4620 1.3895	1.5371 1.3230	1.4520	1.2203	1.4710	Ave		1.4078				7.6		30.0			
n-Hexane	1.5449 1.3992	1.5175 1.3460	1.4202	1.1987	1.4710	Ave		1.4139				8.3		30.0			
1,1-Dichloroethane	1.7720 1.6634	1.8873 1.6024	1.7462	1.4499	1.7673	Ave		1.6983				8.3		30.0			
Vinyl acetate	1.9448	1.8395	1.9372	1.6330	2.0456	Ave		1.8800				8.3		30.0			
cis-1,2-Dichloroethene	1.0646 0.9945	1.1542 0.9617	1.0419	0.8528	1.0809	Ave		1.0215				9.5		30.0			
Methyl Ethyl Ketone	0.4666	0.5802 0.4472	0.4959	0.4091	0.5059	Ave		0.4842				12.1		30.0			
Ethyl acetate	0.0889	0.0851	0.0891	0.0756	0.0970	Ave		0.0871				9.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	0.1655	0.1540	0.1625	0.1331	0.1593	Ave		0.1549				8.3		30.0			
Chloroform	2.3569 2.2683	2.4482 2.2046	2.3095	1.9069	2.2700	Ave		2.2521				7.6		30.0			
1,1,1-Trichloroethane	0.5170 0.5031	0.5441 0.4585	0.4921	0.3998	0.4483	Ave		0.4804				10.1		30.0			
Cyclohexane	0.3114 0.2962	0.3332 0.2632	0.2975	0.2425	0.2698	Ave		0.2877				10.8		30.0			
Carbon tetrachloride	0.4739 0.4942	0.4790 0.4587	0.4740	0.3983	0.4346	Ave		0.4590				7.1		30.0			
2,2,4-Trimethylpentane	0.9396 0.8994	0.9738 0.8100	0.8823	0.7433	0.8425	Ave		0.8701				9.0		30.0			
Benzene	0.8754 0.6588	0.8122 0.6023	0.6425	0.5492	0.5951	Ave		0.6765				17.9		30.0			
1,2-Dichloroethane	0.2986 0.2965	0.3239 0.2776	0.2856	0.2453	0.2845	Ave		0.2874				8.3		30.0			
n-Heptane	0.3350 0.2837	0.3063 0.2537	0.2763	0.2335	0.2733	Ave		0.2802				11.9		30.0			
Trichloroethene	0.3098 0.2969	0.3113 0.2805	0.3031	0.2501	0.3002	Ave		0.2931				7.3		30.0			
1,2-Dichloropropane	0.2324 0.2172	0.2380 0.1924	0.2104	0.1796	0.2066	Ave		0.2110				9.8		30.0			
Methyl methacrylate	0.2341	0.1874 0.2126	0.2116	0.1832	0.2218	Ave		0.2085				9.5		30.0			
1,4-Dioxane	0.0927	0.0800	0.0963	0.0750	0.0926	Ave		0.0873				10.6		30.0			
Dibromomethane	0.2197 0.2419	0.2180 0.2113	0.2346	0.2094	0.2335	Ave		0.2241				5.6		30.0			
Bromodichloromethane	0.4327 0.5081	0.4706 0.4597	0.4976	0.4239	0.4869	Ave		0.4685				6.8		30.0			
cis-1,3-Dichloropropene	0.3462 0.4021	0.3550 0.3704	0.3709	0.3176	0.3830	Ave		0.3636				7.5		30.0			
methyl isobutyl ketone	0.3741	0.3551 0.3381	0.3608	0.3017	0.3553	Ave		0.3475				7.3		30.0			
n-Octane	0.4384 0.3686	0.4219 0.3136	0.3916	0.3215	0.3658	Ave		0.3745				12.5		30.0			
Toluene	0.5434 0.4841	0.5166 0.4579	0.5322	0.4266	0.4944	Ave		0.4936				8.4		30.0			
trans-1,3-Dichloropropene	0.4035 0.4356	0.3881 0.4025	0.4076	0.3427	0.4160	Ave		0.3994				7.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.2569 0.2457	0.2367 0.2397	0.2594	0.2082	0.2500	Ave		0.2424				7.1		30.0			
Tetrachloroethene	0.4196 0.4130	0.3531 0.3985	0.4155	0.3437	0.4156	Ave		0.3941				8.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	 0.3555	0.3284 0.3459	0.3713	0.2965	0.3578	Ave		0.3426				7.8		30.0			
Dibromochloromethane	0.4144 0.5399	0.3852 0.5312	0.5262	0.4345	0.5382	Ave		0.4814				14.0		30.0			
1,2-Dibromoethane	0.4481 0.4857	0.4177 0.4717	0.4989	0.4074	0.4889	Ave		0.4598				7.9		30.0			
Chlorobenzene	0.7684 0.6932	0.7658 0.6727	0.7308	0.5826	0.6967	Ave		0.7015				9.1		30.0			
Ethylbenzene	1.1957 1.1039	1.2242 1.0476	1.1965	0.9597	1.1277	Ave		1.1222				8.4		30.0			
n-Nonane	0.4801 0.4187	0.4761 0.3847	0.4683	0.3738	0.4310	Ave		0.4332				10.1		30.0			
m,p-Xylene	0.4706 0.4219	0.4743 0.3993	0.4737	0.3732	0.4342	Ave		0.4353				9.2		30.0			
Xylene, o-	0.4531 0.4284	0.4683 0.4071	0.4669	0.3740	0.4393	Ave		0.4339				7.9		30.0			
Styrene	0.5579 0.6856	0.6231 0.6539	0.7156	0.5803	0.6946	Ave		0.6444				9.3		30.0			
Bromoform	0.3513 0.5006	0.3940 0.4730	0.4975	0.4110	0.5041	Ave		0.4474				13.7		30.0			
Cumene	1.2961 1.2762	1.3621 1.2121	1.3693	1.0971	1.2986	Ave		1.2731				7.4		30.0			
1,1,2,2-Tetrachloroethane	0.6929 0.6399	0.7277 0.5952	0.7058	0.5660	0.6547	Ave		0.6546				9.0		30.0			
n-Propylbenzene	1.6343 1.4499	1.7092 1.3122	1.6670	1.3096	1.4995	Ave		1.5117				10.9		30.0			
1,2,3-Trichloropropane	 0.4627	0.5665 0.4195	0.5361	0.4239	0.4812	Ave		0.4817				12.4		30.0			
n-Decane	 0.5394	0.6332 0.4872	0.6152	0.4885	0.5586	Ave		0.5537				11.1		30.0			
4-Ethyltoluene	1.3966 1.3119	1.4685 1.2236	1.4451	1.1456	1.3454	Ave		1.3338				8.8		30.0			
2-Chlorotoluene	1.3043 1.2003	1.3531 1.1184	1.3234	1.0477	1.2258	Ave		1.2247				9.2		30.0			
1,3,5-Trimethylbenzene	1.1128 1.0949	1.1790 1.0292	1.1821	0.9438	1.1119	Ave		1.0934				7.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	1.0691 1.0367	1.1569 0.9836	1.1235	0.8898	1.0514	Ave		1.0444				8.5		30.0			
1,2,4-Trimethylbenzene	1.1275 1.1175	1.2233 1.0525	1.2154	0.9593	1.1350	Ave		1.1186				8.2		30.0			
sec-Butylbenzene	1.6491 1.5440	1.7447 1.4382	1.7159	1.3541	1.5802	Ave		1.5752				9.1		30.0			
4-Isopropyltoluene	1.3336 1.3235	1.4232 1.2389	1.4416	1.1360	1.3405	Ave		1.3196				8.0		30.0			
1,3-Dichlorobenzene	0.8208 0.7622	0.8501 0.7163	0.8153	0.6424	0.7695	Ave		0.7681				9.2		30.0			
1,4-Dichlorobenzene	0.8486 0.7717	0.8694 0.7235	0.8211	0.6530	0.7799	Ave		0.7810				9.6		30.0			
Benzyl chloride	0.9337 1.0524	1.0500 1.0018	1.0878	0.6908	1.0508	Ave		0.9810				14.0		30.0			
n-Undecane	 0.5983	 0.5078	0.7076	0.5552	0.6211	Ave		0.5980				12.5		30.0			
n-Butylbenzene	1.3198 1.1995	1.4156 1.0846	1.3669	1.0688	1.2401	Ave		1.2422				10.8		30.0			
1,2-Dichlorobenzene	0.7827 0.7288	0.8112 0.6852	0.7783	0.6213	0.7339	Ave		0.7345				8.9		30.0			
n-Dodecane	 0.6143	 0.4993	0.6922	0.5122	0.6172	Ave		0.5870				13.7		30.0			
1,2,4-Trichlorobenzene	 0.6004	0.6404 0.5235	0.6083	0.4628	0.5914	Ave		0.5711				11.5		30.0			
Hexachlorobutadiene	0.4142 0.4160	0.4670 0.3528	0.4496	0.3479	0.4123	Ave		0.4086				10.9		30.0			
Naphthalene	 1.4135	1.4550 1.2482	1.3842	1.0784	1.3960	Ave		1.3292				10.6		30.0			
1,2,3-Trichlorobenzene	0.5393 0.5252	0.5531 0.4440	0.5329	0.4017	0.5114	Ave		0.5011				11.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-5141/3	fdt003.d
Level 2	IC 200-5141/4	fdt004.d
Level 3	IC 200-5141/5	fdt005.d
Level 4	ICIS 200-5141/6	fdt006.d
Level 5	IC 200-5141/7	fdt007.d
Level 6	IC 200-5141/8	fdt008.d
Level 7	IC 200-5141/9	fdt009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	360964	10075 690969	93199	130233	263399	20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	1758661	46792 3130752	449305	686159	1245934	20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	878992	24242 1640963	225924	326895	637254	20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	18568 1795746	47160 3334231	451038	730648	1294534	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	498665	14964 927591	125362	184903	356488	20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	848772	22885 1593359	208908	308084	605743	20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	6010 648166	16604 1221268	156412	231395	454136	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	4284 489767	11822 927445	116049	171134	339501	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	8249 681862	20931 1312326	190873	286763	550286	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	356735	10418 675867	92006	138749	271628	20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	8623 679105	20106 1297891	164618	251960	483871	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	7083 694632	20048 1294451	188654	288492	566885	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	19754 1996944	58591 3790397	558680	846055	1650375	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	983418	25212 1869838	243000	367271	709035	20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	496291	63534 1143759	126008	129759	235551	40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	5270 573344	14154 1096974	140699	208060	416687	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	 285626	 541448	69460	102405	208023	 20.0	 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	15904 1585020	37703 2907332	429027	645360	1138152	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	6895 783040	18180 1450310	205584	312821	556800	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	 1004123	 1929616	285510	451612	720188	 20.0	 40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	 777670	 1414778	196767	270993	552129	 20.0	 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	 2431409	60132 4495386	621139	938313	1729069	 20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	8083 781762	19287 1478001	184349	264611	541281	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	 435979	 852623	105825	178146	324890	 20.0	 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	 706463	21130 1334976	180573	273063	503375	 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	 1396711	 2534136	340240	531631	998363	 20.0	 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	22270 2500222	58564 4723943	607370	930463	1780638	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	11324 1161704	29101 2153478	289673	434015	832417	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	11966 1169828	28730 2190891	283332	426341	832401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	13725 1390676	35732 2608155	348372	515671	1000035	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	 1625947	 2994179	386463	580787	1157537	 20.0	 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	8246 831486	21853 1565364	207859	303308	611630	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	 390122	10984 727910	98942	145513	286292	 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	 74300	 138437	17771	26876	54916	 20.0	 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	 665246	 1266734	162083	235374	474014	 20.0	 40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	18256 1896398	46350 3588443	460736	678214	1284546	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,1-Trichloroethane	DFB	Ave	18478 2021786	49376 3772278	490864	707243	1334124	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	11130 1190460	30233 2165376	296756	428886	802828	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	16936 1986385	43468 3774556	472798	704541	1293183	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	33581 3614693	88372 6664368	880114	1314795	2506983	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	31284 2647749	73702 4955537	640901	971392	1770758	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	10670 1191849	29392 2284024	284839	433822	846642	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	11972 1140221	27794 2087124	275589	413095	813139	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	11071 1193155	28247 2308084	302326	442437	893403	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	8304 873065	21602 1583414	209866	317728	614824	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	 940883	17004 1749617	211119	324112	659877	 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	 372488	 657989	96061	132594	275604	 20.0	 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	7853 972396	19781 1738559	234050	370375	694904	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	15465 2042067	42702 3782146	496396	749860	1448842	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	12373 1616257	32218 3047569	370003	561865	1139771	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	 1503359	32223 2781773	359944	533646	1057410	 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	15669 1481302	38284 2580741	390618	568744	1088645	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	19968 2015037	48762 3603751	505256	750256	1451766	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	14421 1750759	35222 3311498	406608	606220	1237833	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9441 1022504	22345 1886841	246254	366210	734102	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrachloroethene	CBZ	Ave	15418 1718911	33333 3136962	394409	604518	1220342	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	 1479630	30995 2722830	352517	521564	1050692	 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromochloromethane	CBZ	Ave	15229 2247027	36355 4181013	499510	764250	1580569	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	16464 2021668	39426 3713113	473570	716477	1435859	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	28235 2885182	72282 5295215	693765	1024785	2045962	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	43936 4594806	115549 8245881	1135825	1688001	3311740	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	17643 1742656	44943 3027939	444562	657475	1265610	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	34586 3511754	89532 6285470	899381	1312821	2550275	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	16648 1783263	44204 3204400	443189	657779	1290064	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	20501 2853483	58818 5147147	679341	1020632	2039885	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	12908 2083607	37190 3723367	472315	722812	1480522	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	47624 5311630	128570 9540094	1299865	1929587	3813649	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	25461 2663489	68683 4684738	670000	995514	1922667	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	60054 6034678	161335 10328543	1582481	2303380	4403541	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	 1925944	53475 3301757	508896	745594	1413257	 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	 2245117	59771 3834983	584013	859183	1640469	 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	51320 5460505	138616 9630978	1371833	2015005	3951137	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	47926 4995696	127723 8803133	1256329	1842706	3599759	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	40889 4557146	111289 8100457	1122158	1660091	3265378	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	39284 4315093	109202 7742010	1066540	1564975	3087735	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	41432 4651410	115466 8283967	1153738	1687211	3333273	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	60595 6426523	164679 11320444	1628888	2381698	4640395	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	49005 5508429	134339 9751345	1368505	1998109	3936597	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichlorobenzene	CBZ	Ave	30162 3172210	80240 5637961	773992	1129842	2259850	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	31183 3211907	82066 5695059	779512	1148480	2290373	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	34308 4380473	99108 7885201	1032626	1215064	3085949	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	 2490268	 3996584	671743	976561	1823989	 20.0	 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	48496 4992601	133614 8537193	1297570	1879894	3641732	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	28759 3033214	76569 5393228	738881	1092811	2155117	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	 2556862	 3929904	657120	900946	1812394	 20.0	 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	 2498978	60444 4120238	577465	813934	1736727	 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	15219 1731634	44083 2777259	426763	611962	1210907	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	 5883111	137341 9824355	1314045	1896810	4099550	 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	19815 2185863	52206 3494896	505869	706457	1501883	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt003.d
Lab Smp Id: ic 29129
Inj Date : 12-AUG-2010 19:27
Operator : sv Inst ID: F.i
Smp Info : ic 29129
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 19:27 Cal File: fdt003.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.221	3.221	(0.336)	17970	0.20000	0.22(a)
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	10372	0.20000	0.25(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	18568	0.20000	0.21
5 Chloromethane	50	3.579	3.574	(0.374)	6345	0.20000	0.26(a)
6 Butane	43	3.756	3.756	(0.392)	10047	0.20000	0.25(aQ)
7 Vinyl chloride	62	3.798	3.793	(0.397)	6010	0.20000	0.20
8 1,3-Butadiene	54	3.863	3.863	(0.403)	4284	0.20000	0.19(a)
9 Bromomethane	94	4.537	4.542	(0.474)	8249	0.20000	0.23
10 Chloroethane	64	4.761	4.761	(0.497)	3683	0.20000	0.21(a)
11 2-Methylbutane	43	4.831	4.842	(0.504)	8623	0.20000	0.25
12 Vinyl bromide	106	5.141	5.152	(0.537)	7083	0.20000	0.20
13 Trichlorofluoromethane	101	5.243	5.243	(0.547)	19754	0.20000	0.19(a)
14 Pentane	43	5.377	5.377	(0.561)	13566	0.20000	0.29(a)
16 Ethyl ether	59	5.842	5.831	(0.610)	5270	0.20000	0.20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.216	6.227	(0.649)	15904	0.20000	0.21
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	6.286	6.291	(0.656)	6895	0.20000	0.19(aQ)
21	Carbon disulfide	76	6.693	6.698	(0.699)	23408	0.20000	0.21(a)
23	Allyl chloride	41	6.960	6.965	(0.727)	8083	0.20000	0.22
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	7.206	7.211	(0.752)	10160	0.20000	0.29(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	7.581	7.565	(0.792)	22270	0.20000	0.19(a)
28	1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	11324	0.20000	0.21
29	Acrylonitrile	53	7.682	7.688	(0.802)	4669	0.20000	0.20(aQ)
30	n-Hexane	57	7.923	7.934	(0.827)	11966	0.20000	0.22
31	1,1-Dichloroethane	63	8.330	8.335	(0.870)	13725	0.20000	0.21
M 33	1,2-Dichloroethene,Total	61				19570	0.40000	0.42
34	1,2-Dichloroethene (cis)	96	9.212	9.218	(0.962)	8246	0.20000	0.21
36	Methyl Ethyl Ketone	72	9.223	9.218	(0.963)	4478	0.20000	0.24(aQ)
* 37	Bromochloromethane	128	9.576	9.581	(1.000)	387284	10.0000	
39	Chloroform	83	9.651	9.651	(1.008)	18256	0.20000	0.21
40	Cyclohexane	84	9.918	9.918	(0.904)	11130	0.20000	0.22
41	1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	18478	0.20000	0.22
42	Carbon tetrachloride	117	10.100	10.111	(0.921)	16936	0.20000	0.21
43	2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	33581	0.20000	0.22
44	Benzene	78	10.427	10.432	(0.951)	31284	0.20000	0.26
45	1,2-Dichloroethane	62	10.528	10.528	(0.960)	10670	0.20000	0.21
46	n-Heptane	43	10.635	10.641	(0.970)	11972	0.20000	0.24
* 47	1,4-Difluorobenzene	114	10.967	10.972	(1.000)	1786897	10.0000	
49	Trichloroethene	95	11.325	11.331	(1.033)	11071	0.20000	0.21
50	1,2-Dichloropropane	63	11.705	11.700	(1.067)	8304	0.20000	0.22
51	Methyl methacrylate	69	11.748	11.748	(1.071)	6039	0.20000	0.16(aQ)
52	Dibromomethane	174	11.876	11.887	(1.083)	7853	0.20000	0.20
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	12.058	12.058	(1.099)	15465	0.20000	0.18(a)
55	1,3-Dichloropropene (cis)	75	12.690	12.684	(1.157)	12373	0.20000	0.19(a)
56	Methyl isobutyl ketone	43	12.845	12.839	(1.171)	11517	0.20000	0.19(a)
57	n-Octane	43	13.107	13.107	(1.195)	15669	0.20000	0.23(a)
58	Toluene	92	13.118	13.118	(0.870)	19968	0.20000	0.22
59	1,3-Dichloropropene (trans)	75	13.476	13.476	(1.229)	14421	0.20000	0.20
60	1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	9441	0.20000	0.21
61	Tetrachloroethene	166	13.883	13.883	(0.921)	15418	0.20000	0.21
62	2-Hexanone	43	14.022	14.022	(0.930)	12140	0.20000	0.19(a)
63	Dibromochloromethane	129	14.300	14.300	(0.949)	15229	0.20000	0.17(a)
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	16464	0.20000	0.19(a)
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	1837262	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.003)	28235	0.20000	0.22
67	n-Nonane	57	15.215	15.215	(1.010)	17643	0.20000	0.22
68	Ethylbenzene	91	15.182	15.188	(1.007)	43936	0.20000	0.21
69	Xylene (m,p)	106	15.332	15.332	(1.017)	34586	0.40000	0.43

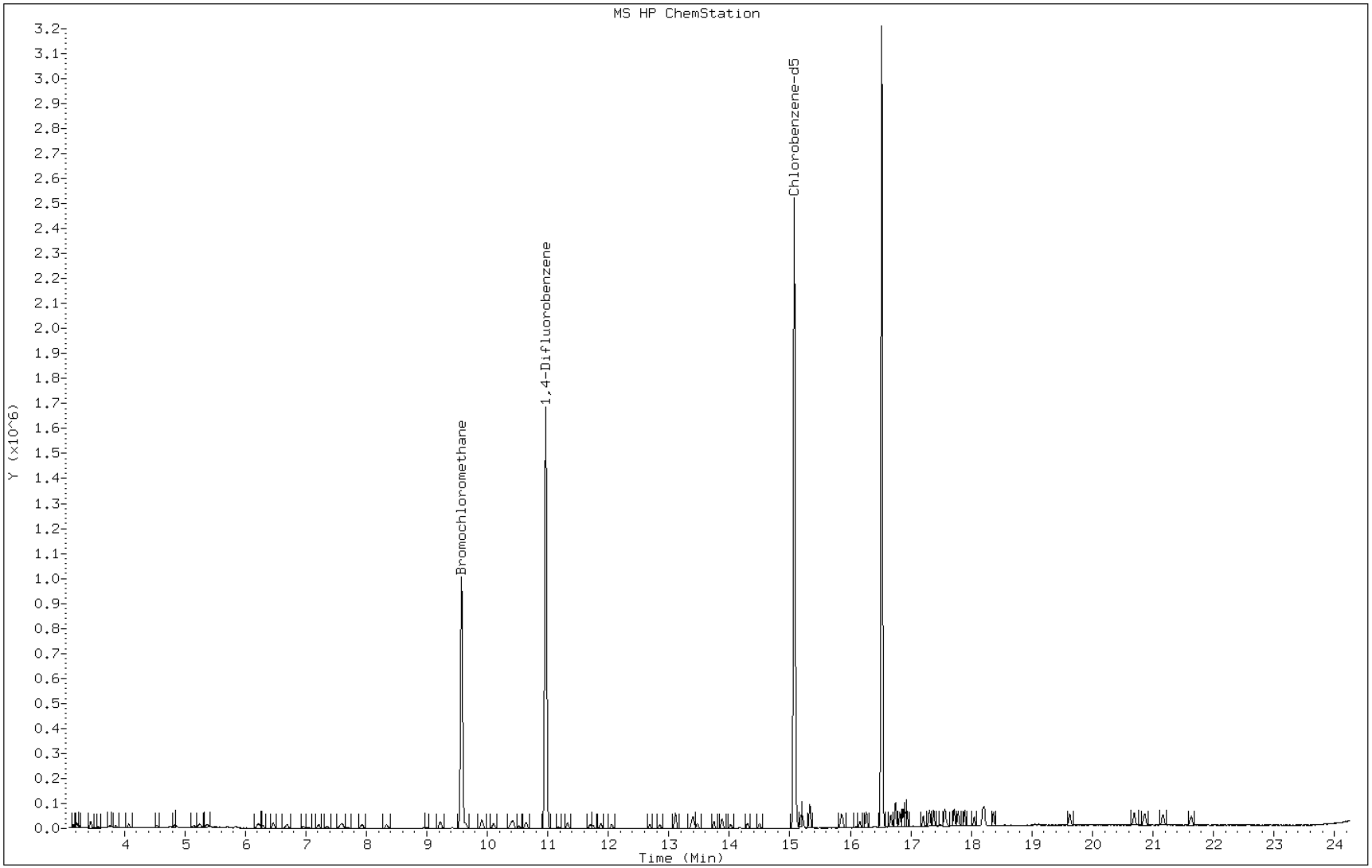
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
M	70 Xylenes, Total	106				51234	0.20000	0.64
	71 Xylene (o)	106	15.851	15.846	(1.052)	16648	0.20000	0.21
	72 Styrene	104	15.873	15.873	(1.053)	20501	0.20000	0.17(a)
	73 Bromoform	173	16.156	16.162	(1.072)	12908	0.20000	0.16(a)
	74 Isopropylbenzene	105	16.263	16.263	(1.079)	47624	0.20000	0.20
	75 1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	25461	0.20000	0.21
	76 n-Propylbenzene	91	16.745	16.745	(1.111)	60054	0.20000	0.22
	77 1,2,3-Trichloropropane	75	16.755	16.755	(1.112)	20883	0.20000	0.24(a)
	78 n-Decane	57	16.820	16.820	(1.116)	23107	0.20000	0.23(a)
	79 4-Ethyltoluene	105	16.873	16.873	(1.120)	51320	0.20000	0.21
	80 2-Chlorotoluene	91	16.905	16.905	(1.122)	47926	0.20000	0.21
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	40889	0.20000	0.20
	82 Alpha Methyl Styrene	118	17.205	17.205	(1.142)	14862	0.20000	0.15(a)
	83 tert-butylbenzene	119	17.306	17.306	(1.148)	39284	0.20000	0.20
	84 1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	41432	0.20000	0.20
	85 sec-Butylbenzene	105	17.563	17.563	(1.165)	60595	0.20000	0.21
	86 4-Isopropyltoluene	119	17.713	17.718	(1.175)	49005	0.20000	0.20
	87 1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	30162	0.20000	0.21
	88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	31183	0.20000	0.22
	89 Benzyl chloride	91	18.050	18.045	(1.198)	34308	0.20000	0.19(a)
	91 n-Butylbenzene	91	18.216	18.216	(1.209)	48496	0.20000	0.21
	92 1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	28759	0.20000	0.21
	94 1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	22705	0.20000	0.22(a)
	95 1,3-Hexachlorobutadiene	225	20.869	20.869	(1.385)	15219	0.20000	0.20
	96 Naphthalene	128	21.169	21.169	(1.405)	55900	0.20000	0.23(a)
	97 1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	19815	0.20000	0.22

QC Flag Legend

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

Data File: fdt003.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 29129
Lab Sample ID: ic 29129

Date: 12-AUG-2010 19:27
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt004.d
Lab Smp Id: ic 29127
Inj Date : 12-AUG-2010 20:19
Operator : sv Inst ID: F.i
Smp Info : ic 29127
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:36 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	46792	0.50000	0.58
3 Chlorodifluoromethane	51	3.252	3.253	(0.340)	24242	0.50000	0.59
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	47160	0.50000	0.56
5 Chloromethane	50	3.573	3.574	(0.373)	14964	0.50000	0.63
6 Butane	43	3.750	3.756	(0.392)	22885	0.50000	0.59
7 Vinyl chloride	62	3.787	3.793	(0.396)	16604	0.50000	0.57
8 1,3-Butadiene	54	3.857	3.863	(0.403)	11822	0.50000	0.55
9 Bromomethane	94	4.542	4.542	(0.474)	20931	0.50000	0.59
10 Chloroethane	64	4.761	4.761	(0.497)	10418	0.50000	0.61
11 2-Methylbutane	43	4.841	4.842	(0.506)	20106	0.50000	0.60
12 Vinyl bromide	106	5.146	5.152	(0.537)	20048	0.50000	0.58
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	58591	0.50000	0.59
14 Pentane	43	5.376	5.377	(0.561)	25212	0.50000	0.56
15 Ethanol	45	5.692	5.687	(0.594)	63534	5.00000	5.6

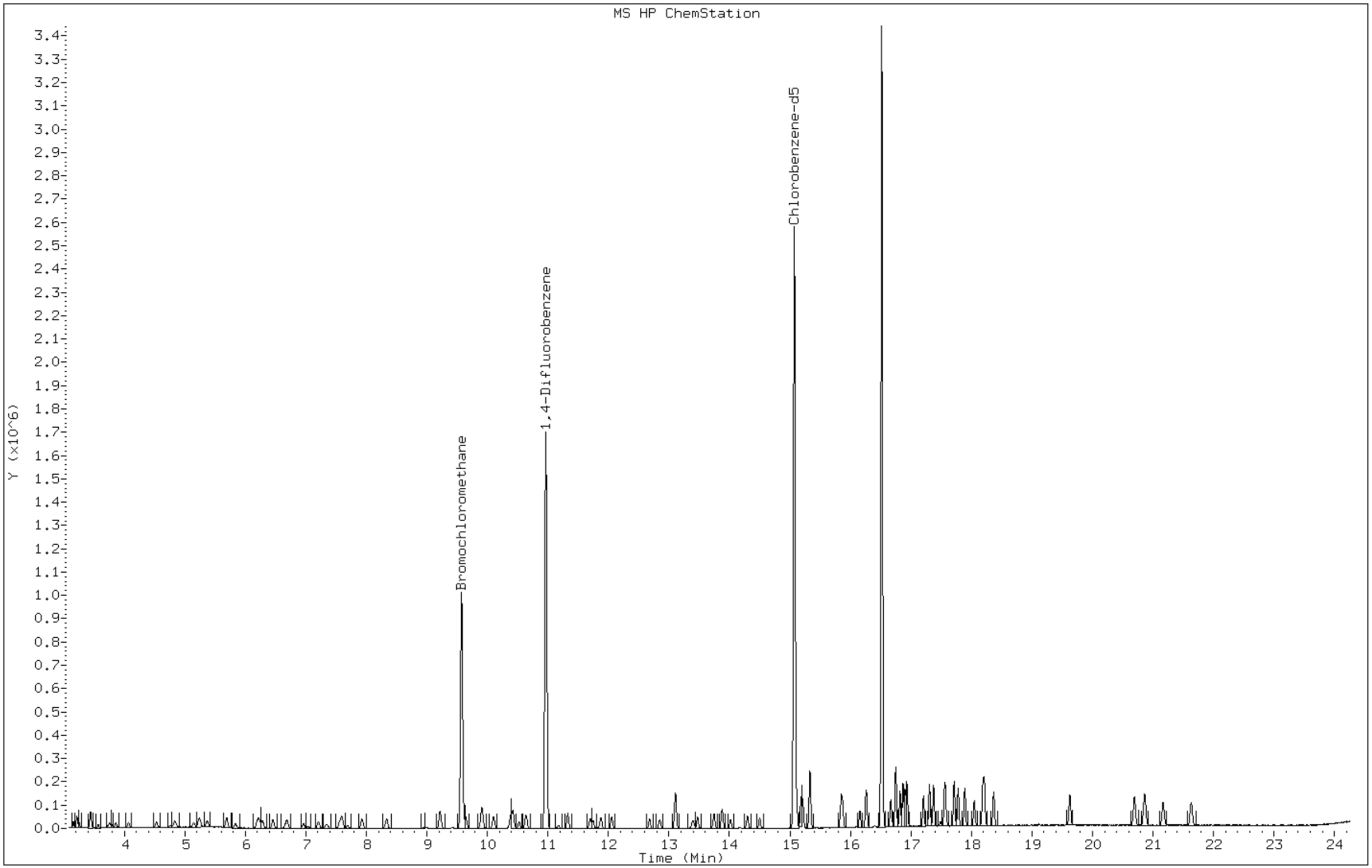
		QUANT SIG					AMOUNTS CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb v/v)	(ppb v/v)
	16 Ethyl ether	59	5.842	5.831	(0.610)	14154	0.50000	0.54
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	37703	0.50000	0.51
	19 1,1-Dichloroethene	96	6.286	6.291	(0.656)	18180	0.50000	0.51
	20 Acetone	43	6.457	6.446	(0.674)	60279	0.50000	1.3(a)
	21 Carbon disulfide	76	6.692	6.698	(0.699)	60132	0.50000	0.54
	23 Allyl chloride	41	6.954	6.965	(0.726)	19287	0.50000	0.55
	25 Methylene chloride	49	7.211	7.211	(0.753)	21130	0.50000	0.63
	27 Methyl tert-butyl ether	73	7.570	7.565	(0.790)	58564	0.50000	0.52
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	29101	0.50000	0.55
	29 Acrylonitrile	53	7.693	7.688	(0.803)	12256	0.50000	0.53(MH)
	30 n-Hexane	57	7.928	7.934	(0.828)	28730	0.50000	0.54
	31 1,1-Dichloroethane	63	8.324	8.335	(0.869)	35732	0.50000	0.56
M	33 1,2-Dichloroethene,Total	61				50954	1.00000	1.1
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	21853	0.50000	0.56
	36 Methyl Ethyl Ketone	72	9.228	9.218	(0.964)	10984	0.50000	0.60
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	378653	10.0000	
	39 Chloroform	83	9.645	9.651	(1.007)	46350	0.50000	0.54
	40 Cyclohexane	84	9.918	9.918	(0.904)	30233	0.50000	0.58
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	49376	0.50000	0.57
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	43468	0.50000	0.52
	43 2,2,4-Trimethylpentane	57	10.394	10.395	(0.948)	88372	0.50000	0.56
	44 Benzene	78	10.426	10.432	(0.951)	73702	0.50000	0.60
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	29392	0.50000	0.56
	46 n-Heptane	43	10.640	10.641	(0.970)	27794	0.50000	0.55
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	1814978	10.0000	
	49 Trichloroethene	95	11.331	11.331	(1.033)	28247	0.50000	0.53
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	21602	0.50000	0.56
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	17004	0.50000	0.45(a)
	52 Dibromomethane	174	11.882	11.887	(1.083)	19781	0.50000	0.49
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	42702	0.50000	0.50
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.157)	32218	0.50000	0.49
	56 Methyl isobutyl ketone	43	12.850	12.839	(1.172)	32223	0.50000	0.51
	57 n-Octane	43	13.107	13.107	(1.195)	38284	0.50000	0.56
	58 Toluene	92	13.112	13.118	(0.870)	48762	0.50000	0.52
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.229)	35222	0.50000	0.49
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	22345	0.50000	0.49
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	33333	0.50000	0.45
	62 2-Hexanone	43	14.016	14.022	(0.930)	30995	0.50000	0.48(a)
	63 Dibromochloromethane	129	14.300	14.300	(0.949)	36355	0.50000	0.40
	64 1,2-Dibromoethane	107	14.503	14.503	(0.962)	39426	0.50000	0.45
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1887799	10.0000	
	66 Chlorobenzene	112	15.107	15.113	(1.002)	72282	0.50000	0.55
	67 n-Nonane	57	15.214	15.215	(1.010)	44943	0.50000	0.55
	68 Ethylbenzene	91	15.182	15.188	(1.007)	115549	0.50000	0.55
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	89532	1.00000	1.1
M	70 Xylenes, Total	106				133736	0.50000	1.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
71 Xylene (o)	106	15.851	15.846	(1.052)	44204	0.50000	0.54
72 Styrene	104	15.872	15.873	(1.053)	58818	0.50000	0.48
73 Bromoform	173	16.161	16.162	(1.072)	37190	0.50000	0.44
74 Isopropylbenzene	105	16.263	16.263	(1.079)	128570	0.50000	0.53
75 1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	68683	0.50000	0.56
76 n-Propylbenzene	91	16.744	16.745	(1.111)	161335	0.50000	0.57
77 1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	53475	0.50000	0.59
78 n-Decane	57	16.819	16.820	(1.116)	59771	0.50000	0.57
79 4-Ethyltoluene	105	16.867	16.873	(1.119)	138616	0.50000	0.55
80 2-Chlorotoluene	91	16.905	16.905	(1.122)	127723	0.50000	0.55
81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	111289	0.50000	0.54
82 Alpha Methyl Styrene	118	17.204	17.205	(1.142)	46417	0.50000	0.47
83 tert-butylbenzene	119	17.306	17.306	(1.148)	109202	0.50000	0.55
84 1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	115466	0.50000	0.55
85 sec-Butylbenzene	105	17.563	17.563	(1.165)	164679	0.50000	0.55
86 4-Isopropyltoluene	119	17.713	17.718	(1.175)	134339	0.50000	0.54
87 1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	80240	0.50000	0.55
88 1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	82066	0.50000	0.56
89 Benzyl chloride	91	18.044	18.045	(1.197)	99108	0.50000	0.54
91 n-Butylbenzene	91	18.216	18.216	(1.209)	133614	0.50000	0.57
92 1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	76569	0.50000	0.55
94 1,2,4-Trichlorobenzene	180	20.692	20.693	(1.373)	60444	0.50000	0.56
95 1,3-Hexachlorobutadiene	225	20.869	20.869	(1.385)	44083	0.50000	0.57
96 Naphthalene	128	21.169	21.169	(1.405)	137341	0.50000	0.55
97 1,2,3-Trichlorobenzene	180	21.639	21.634	(1.436)	52206	0.50000	0.55

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File:	fdt004.d	Date:	12-AUG-2010 20:19
Client ID:		Instrument:	F.i
Operator:	sv	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 29127		
Lab Sample ID:	ic 29127		



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt005.d
Lab Smp Id: ic 29125
Inj Date : 12-AUG-2010 21:09
Operator : sv Inst ID: F.i
Smp Info : ic 29125
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 21:09 Cal File: fdt005.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	93199	5.00000	5.2
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	449305	5.00000	5.2
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	225924	5.00000	5.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	451038	5.00000	5.0
5 Chloromethane	50	3.568	3.574	(0.373)	125362	5.00000	5.0
6 Butane	43	3.755	3.756	(0.392)	208908	5.00000	5.1
7 Vinyl chloride	62	3.788	3.793	(0.396)	156412	5.00000	5.1
8 1,3-Butadiene	54	3.857	3.863	(0.403)	116049	5.00000	5.1
9 Bromomethane	94	4.537	4.542	(0.474)	190873	5.00000	5.1
10 Chloroethane	64	4.761	4.761	(0.497)	92006	5.00000	5.1
11 2-Methylbutane	43	4.841	4.842	(0.506)	164618	5.00000	4.7
12 Vinyl bromide	106	5.146	5.152	(0.537)	188654	5.00000	5.2
13 Trichlorofluoromethane	101	5.243	5.243	(0.547)	558680	5.00000	5.3
14 Pentane	43	5.371	5.377	(0.561)	243000	5.00000	5.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.692	5.687	(0.594)	126008	10.0000	11
	16 Ethyl ether	59	5.831	5.831	(0.609)	140699	5.00000	5.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	429027	5.00000	5.5
	18 Acrolein	56	6.179	6.179	(0.645)	69460	5.00000	5.2
	19 1,1-Dichloroethene	96	6.286	6.291	(0.656)	205584	5.00000	5.5
	20 Acetone	43	6.446	6.446	(0.673)	285510	5.00000	5.6
	21 Carbon disulfide	76	6.692	6.698	(0.699)	621139	5.00000	5.3
	22 Isopropanol	45	6.655	6.655	(0.695)	196767	5.00000	5.5
	23 Allyl chloride	41	6.960	6.965	(0.727)	184349	5.00000	5.0
	24 Acetonitrile	41	7.029	7.035	(0.734)	105825	5.00000	5.0
	25 Methylene chloride	49	7.211	7.211	(0.753)	180573	5.00000	5.1
	26 Tert-butyl alcohol	59	7.329	7.329	(0.765)	340240	5.00000	5.2
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	607370	5.00000	5.2
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	289673	5.00000	5.2
	29 Acrylonitrile	53	7.687	7.688	(0.803)	122626	5.00000	5.1
	30 n-Hexane	57	7.928	7.934	(0.828)	283332	5.00000	5.0
	31 1,1-Dichloroethane	63	8.329	8.335	(0.870)	348372	5.00000	5.1
	32 Vinyl acetate	43	8.345	8.346	(0.872)	386463	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				497532	10.0000	10
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	207859	5.00000	5.1
	35 Ethyl acetate	88	9.234	9.228	(0.964)	17771	5.00000	5.1
	36 Methyl Ethyl Ketone	72	9.217	9.218	(0.963)	98942	5.00000	5.1
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	399000	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	162083	5.00000	5.2
	39 Chloroform	83	9.651	9.651	(1.008)	460736	5.00000	5.1
	40 Cyclohexane	84	9.913	9.918	(0.904)	296756	5.00000	5.2
	41 1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	490864	5.00000	5.1
	42 Carbon tetrachloride	117	10.106	10.111	(0.921)	472798	5.00000	5.2
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	880114	5.00000	5.1
	44 Benzene	78	10.427	10.432	(0.951)	640901	5.00000	4.7
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	284839	5.00000	5.0
	46 n-Heptane	43	10.641	10.641	(0.970)	275589	5.00000	4.9
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	1994990	10.0000	
	48 n-Butanol	56	11.165	11.165	(1.018)	94103	5.00000	5.4
	49 Trichloroethene	95	11.331	11.331	(1.033)	302326	5.00000	5.2
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	209866	5.00000	5.0
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	211119	5.00000	5.1
	52 Dibromomethane	174	11.882	11.887	(1.083)	234050	5.00000	5.2
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	96061	5.00000	5.5
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	496396	5.00000	5.3
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.157)	370003	5.00000	5.1
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	359944	5.00000	5.2
	57 n-Octane	43	13.107	13.107	(1.195)	390618	5.00000	5.2
	58 Toluene	92	13.112	13.118	(0.870)	505256	5.00000	5.4
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.229)	406608	5.00000	5.1
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	246254	5.00000	5.4
	61 Tetrachloroethene	166	13.882	13.883	(0.921)	394409	5.00000	5.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.016	14.022	(0.930)	352517	5.00000	5.4
63	Dibromochloromethane	129	14.300	14.300	(0.949)	499510	5.00000	5.5
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	473570	5.00000	5.4
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	1898610	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.003)	693765	5.00000	5.2
67	n-Nonane	57	15.214	15.215	(1.010)	444562	5.00000	5.4
68	Ethylbenzene	91	15.182	15.188	(1.007)	1135825	5.00000	5.3
69	Xylene (m,p)	106	15.332	15.332	(1.017)	899381	10.0000	11
M 70	Xylenes, Total	106				1342570	5.00000	16
71	Xylene (o)	106	15.846	15.846	(1.051)	443189	5.00000	5.4
72	Styrene	104	15.873	15.873	(1.053)	679341	5.00000	5.6
73	Bromoform	173	16.156	16.162	(1.072)	472315	5.00000	5.6
74	Isopropylbenzene	105	16.263	16.263	(1.079)	1299865	5.00000	5.4
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	670000	5.00000	5.4
76	n-Propylbenzene	91	16.745	16.745	(1.111)	1582481	5.00000	5.5
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.112)	508896	5.00000	5.6
78	n-Decane	57	16.819	16.820	(1.116)	584013	5.00000	5.6
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	1371833	5.00000	5.4
80	2-Chlorotoluene	91	16.905	16.905	(1.122)	1256329	5.00000	5.4
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	1122158	5.00000	5.4
82	Alpha Methyl Styrene	118	17.205	17.205	(1.142)	564757	5.00000	5.6
83	tert-butylbenzene	119	17.306	17.306	(1.148)	1066540	5.00000	5.4
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	1153738	5.00000	5.4
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	1628888	5.00000	5.4
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	1368505	5.00000	5.5
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	773992	5.00000	5.3
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	779512	5.00000	5.3
89	Benzyl chloride	91	18.044	18.045	(1.197)	1032626	5.00000	5.5
90	Undecane	57	18.189	18.189	(1.207)	671743	5.00000	5.9
91	n-Butylbenzene	91	18.216	18.216	(1.209)	1297570	5.00000	5.5
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	738881	5.00000	5.3
93	Dodecane	57	19.628	19.628	(1.302)	657120	5.00000	5.9
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	577465	5.00000	5.3
95	1,3-Hexachlorobutadiene	225	20.864	20.869	(1.384)	426763	5.00000	5.5
96	Naphthalene	128	21.169	21.169	(1.405)	1314045	5.00000	5.2
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.436)	505869	5.00000	5.3

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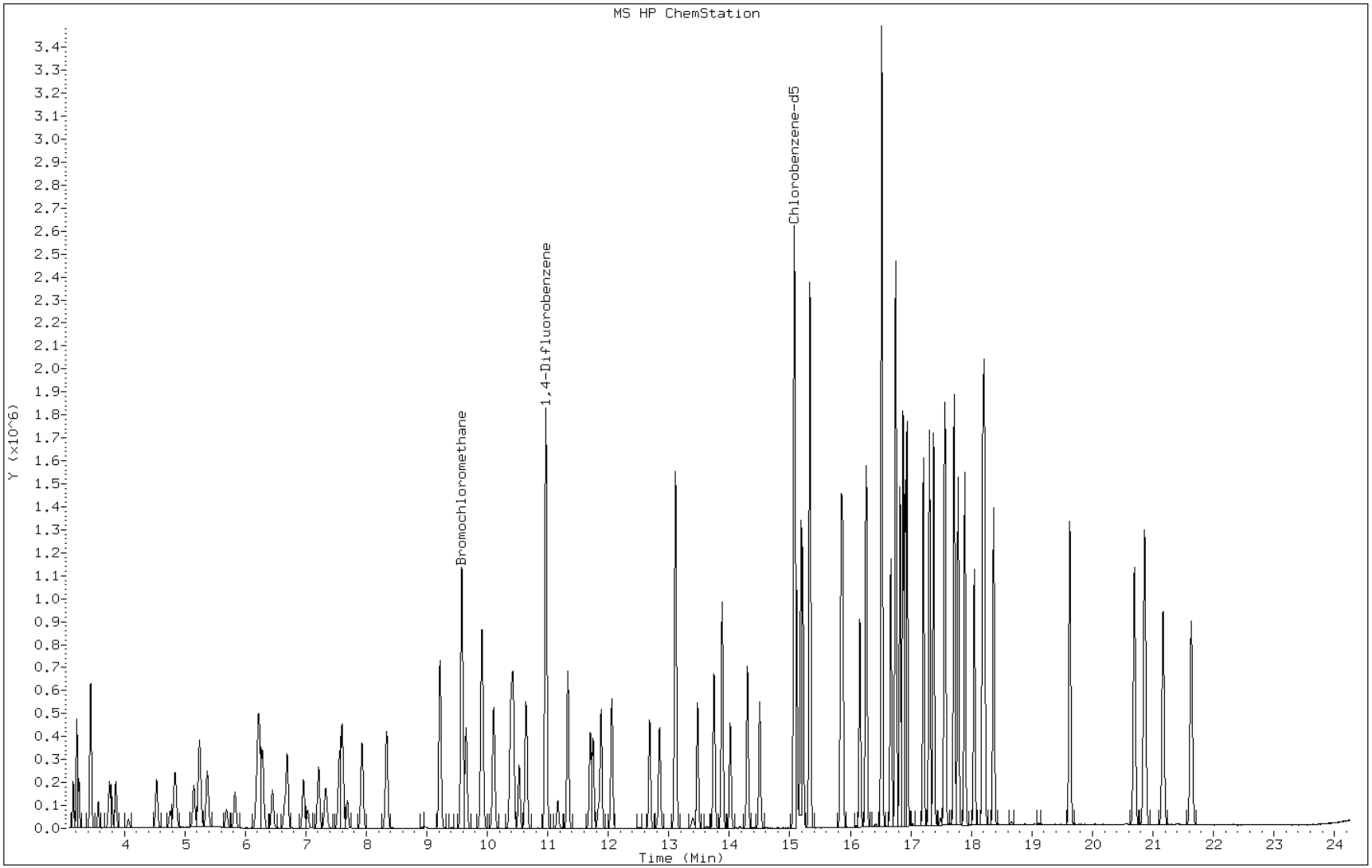
Stationary Phase:	RTX-624		
Sample Info:	ic 29125		
Lab Sample ID:	ic 29125		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt006.d
Lab Smp Id: icis 36532
Inj Date : 12-AUG-2010 22:01
Operator : sv Inst ID: F.i
Smp Info : icis 36532
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 22:01 Cal File: fdt006.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

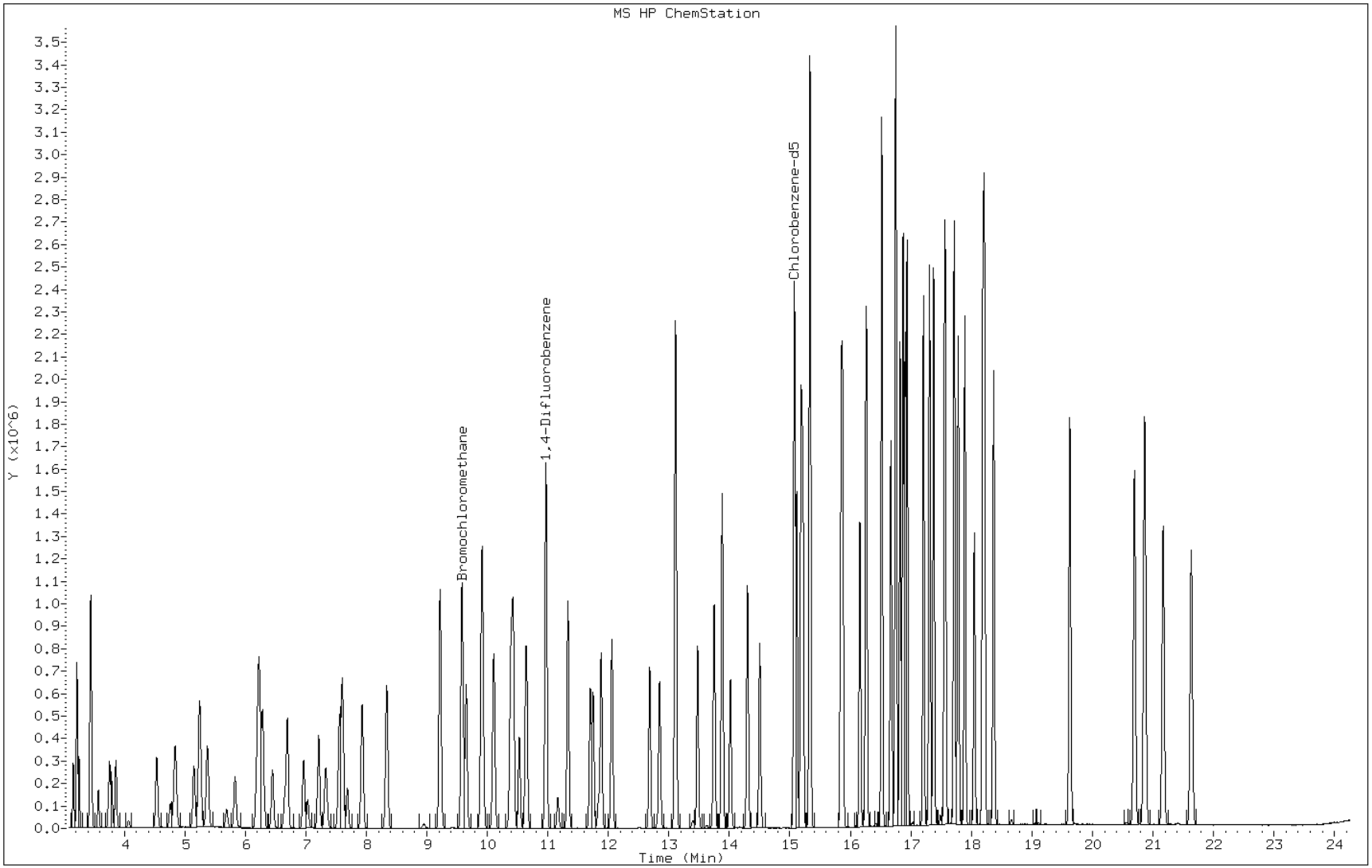
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.329)	130233	10.0000	8.2
2 Dichlorodifluoromethane	85	3.221	3.221	(0.336)	686159	10.0000	9.0
3 Chlorodifluoromethane	51	3.253	3.253	(0.339)	326895	10.0000	8.5
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	730648	10.0000	9.2
5 Chloromethane	50	3.574	3.574	(0.373)	184903	10.0000	8.4
6 Butane	43	3.756	3.756	(0.392)	308084	10.0000	8.4
7 Vinyl chloride	62	3.793	3.793	(0.396)	231395	10.0000	8.4
8 1,3-Butadiene	54	3.863	3.863	(0.403)	171134	10.0000	8.4
9 Bromomethane	94	4.542	4.542	(0.474)	286763	10.0000	8.6
10 Chloroethane	64	4.761	4.761	(0.497)	138749	10.0000	8.6
11 2-Methylbutane	43	4.842	4.842	(0.505)	251960	10.0000	8.0
12 Vinyl bromide	106	5.152	5.152	(0.538)	288492	10.0000	8.9
13 Trichlorofluoromethane	101	5.243	5.243	(0.547)	846055	10.0000	9.0
14 Pentane	43	5.377	5.377	(0.561)	367271	10.0000	8.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	129759	15.0000	12
	16 Ethyl ether	59	5.831	5.831	(0.609)	208060	10.0000	8.5
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	645360	10.0000	9.3
	18 Acrolein	56	6.179	6.179	(0.645)	102405	10.0000	8.6
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	312821	10.0000	9.4
	20 Acetone	43	6.446	6.446	(0.673)	451612	10.0000	10
	21 Carbon disulfide	76	6.698	6.698	(0.699)	938313	10.0000	9.0
	22 Isopropanol	45	6.655	6.655	(0.695)	270993	10.0000	8.4
	23 Allyl chloride	41	6.965	6.965	(0.727)	264611	10.0000	8.0
	24 Acetonitrile	41	7.035	7.035	(0.734)	178146	10.0000	9.4
	25 Methylene chloride	49	7.211	7.211	(0.753)	273063	10.0000	8.6
	26 Tert-butyl alcohol	59	7.329	7.329	(0.765)	531631	10.0000	9.1
	27 Methyl tert-butyl ether	73	7.565	7.565	(0.790)	930463	10.0000	8.9
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	434015	10.0000	8.7
	29 Acrylonitrile	53	7.688	7.688	(0.802)	183863	10.0000	8.6
	30 n-Hexane	57	7.934	7.934	(0.828)	426341	10.0000	8.5
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	515671	10.0000	8.5
	32 Vinyl acetate	43	8.346	8.346	(0.871)	580787	10.0000	8.7
M	33 1,2-Dichloroethene,Total	61				737323	20.0000	17
	34 1,2-Dichloroethene (cis)	96	9.218	9.218	(0.962)	303308	10.0000	8.3
	35 Ethyl acetate	88	9.228	9.228	(0.963)	26876	10.0000	8.7
	36 Methyl Ethyl Ketone	72	9.218	9.218	(0.962)	145513	10.0000	8.5
*	37 Bromochloromethane	128	9.581	9.581	(1.000)	355666	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	235374	10.0000	8.6
	39 Chloroform	83	9.651	9.651	(1.007)	678214	10.0000	8.5
	40 Cyclohexane	84	9.918	9.918	(0.904)	428886	10.0000	8.4
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.902)	707243	10.0000	8.3
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	704541	10.0000	8.7
	43 2,2,4-Trimethylpentane	57	10.395	10.395	(0.947)	1314795	10.0000	8.5
	44 Benzene	78	10.432	10.432	(0.951)	971392	10.0000	8.1
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	433822	10.0000	8.5
	46 n-Heptane	43	10.641	10.641	(0.970)	413095	10.0000	8.3
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	1768833	10.0000	
	48 n-Butanol	56	11.165	11.165	(1.018)	110816	10.0000	7.2
	49 Trichloroethene	95	11.331	11.331	(1.033)	442437	10.0000	8.5
	50 1,2-Dichloropropane	63	11.700	11.700	(1.066)	317728	10.0000	8.5
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	324112	10.0000	8.8
	52 Dibromomethane	174	11.887	11.887	(1.083)	370375	10.0000	9.3
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	132594	10.0000	8.6
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	749860	10.0000	9.0
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	561865	10.0000	8.7
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.170)	533646	10.0000	8.7
	57 n-Octane	43	13.107	13.107	(1.195)	568744	10.0000	8.6
	58 Toluene	92	13.118	13.118	(0.870)	750256	10.0000	8.6
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	606220	10.0000	8.6
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	366210	10.0000	8.6
	61 Tetrachloroethene	166	13.883	13.883	(0.921)	604518	10.0000	8.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.022	14.022	(0.930)	521564	10.0000	8.7
63	Dibromochloromethane	129	14.300	14.300	(0.949)	764250	10.0000	9.0
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	716477	10.0000	8.9
* 65	Chlorobenzene-d5	117	15.076	15.076	(1.000)	1758871	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	1024785	10.0000	8.3
67	n-Nonane	57	15.215	15.215	(1.009)	657475	10.0000	8.6
68	Ethylbenzene	91	15.188	15.188	(1.007)	1688001	10.0000	8.6
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1312821	20.0000	17
M 70	Xylenes, Total	106				1970600	10.0000	26
71	Xylene (o)	106	15.846	15.846	(1.051)	657779	10.0000	8.6
72	Styrene	104	15.873	15.873	(1.053)	1020632	10.0000	9.0
73	Bromoform	173	16.162	16.162	(1.072)	722812	10.0000	9.2
74	Isopropylbenzene	105	16.263	16.263	(1.079)	1929587	10.0000	8.6
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	995514	10.0000	8.6
76	n-Propylbenzene	91	16.745	16.745	(1.111)	2303380	10.0000	8.7
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	745594	10.0000	8.8
78	n-Decane	57	16.820	16.820	(1.116)	859183	10.0000	8.8
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	2015005	10.0000	8.6
80	2-Chlorotoluene	91	16.905	16.905	(1.121)	1842706	10.0000	8.6
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.123)	1660091	10.0000	8.6
82	Alpha Methyl Styrene	118	17.205	17.205	(1.141)	845778	10.0000	9.1
83	tert-butylbenzene	119	17.306	17.306	(1.148)	1564975	10.0000	8.5
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	1687211	10.0000	8.6
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	2381698	10.0000	8.6
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	1998109	10.0000	8.6
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	1129842	10.0000	8.4
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	1148480	10.0000	8.4
89	Benzyl chloride	91	18.045	18.045	(1.197)	1215064	10.0000	7.0
90	Undecane	57	18.189	18.189	(1.207)	976561	10.0000	9.3
91	n-Butylbenzene	91	18.216	18.216	(1.208)	1879894	10.0000	8.6
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	1092811	10.0000	8.5
93	Dodecane	57	19.628	19.628	(1.302)	900946	10.0000	8.7
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	813934	10.0000	8.1
95	1,3-Hexachlorobutadiene	225	20.869	20.869	(1.384)	611962	10.0000	8.5
96	Naphthalene	128	21.169	21.169	(1.404)	1896810	10.0000	8.1
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	706457	10.0000	8.0

Data File: fdt006.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 36532
Lab Sample ID: icis 36532

Date: 12-AUG-2010 22:01
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt007.d
Lab Smp Id: ic 29121
Inj Date : 12-AUG-2010 22:51
Operator : sv Inst ID: F.i
Smp Info : ic 29121
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 22:51 Cal File: fdt007.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

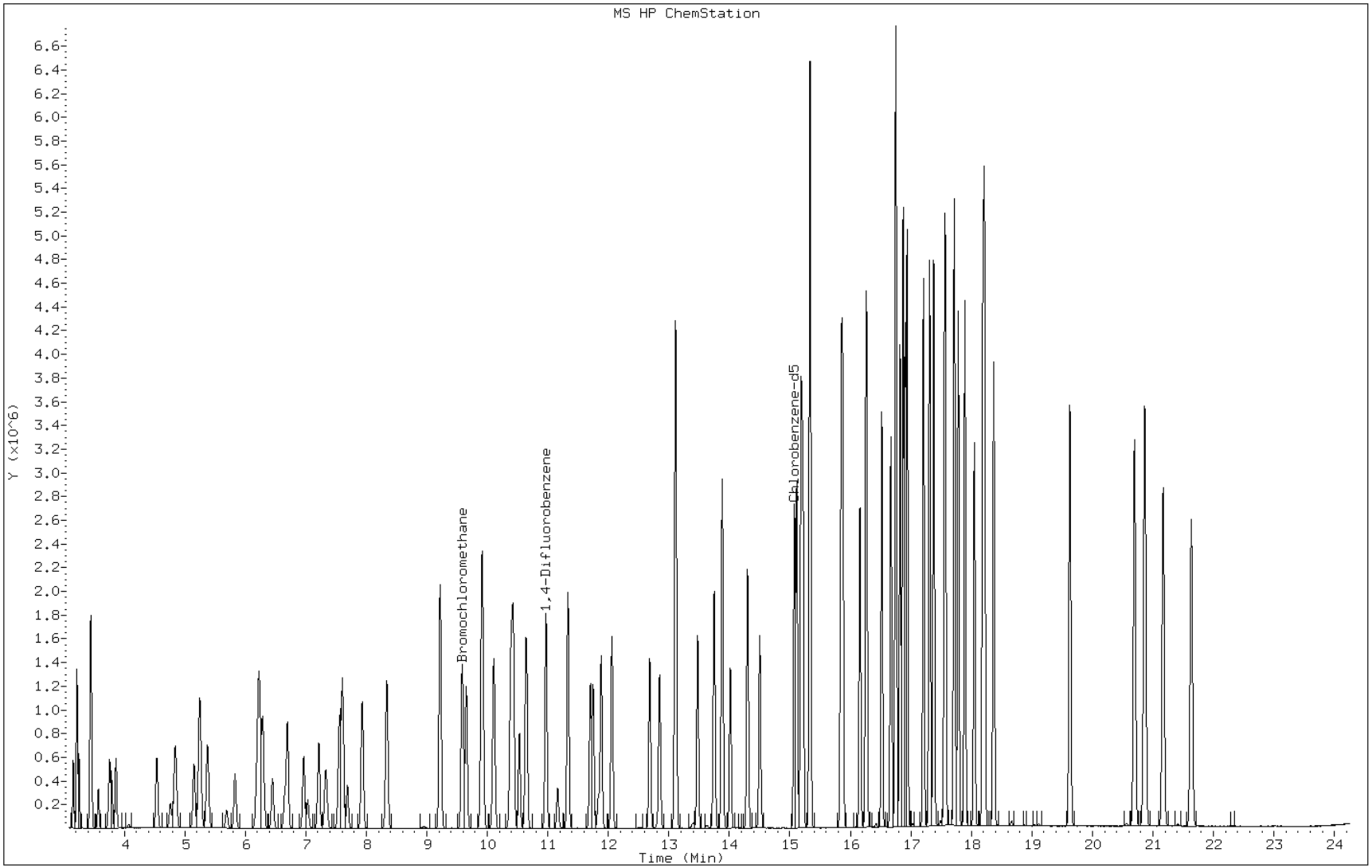
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	263399	15.0000	16
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	1245934	15.0000	15
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	637254	15.0000	16
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	1294534	15.0000	15
5 Chloromethane	50	3.574	3.574	(0.373)	356488	15.0000	15
6 Butane	43	3.755	3.756	(0.392)	605743	15.0000	16
7 Vinyl chloride	62	3.793	3.793	(0.396)	454136	15.0000	16
8 1,3-Butadiene	54	3.862	3.863	(0.403)	339501	15.0000	16
9 Bromomethane	94	4.536	4.542	(0.474)	550286	15.0000	16
10 Chloroethane	64	4.761	4.761	(0.497)	271628	15.0000	16
11 2-Methylbutane	43	4.841	4.842	(0.506)	483871	15.0000	15
12 Vinyl bromide	106	5.152	5.152	(0.538)	566885	15.0000	17
13 Trichlorofluoromethane	101	5.248	5.243	(0.548)	1650375	15.0000	17
14 Pentane	43	5.376	5.377	(0.561)	709035	15.0000	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.692	5.687	(0.594)	235551	20.0000	21
	16 Ethyl ether	59	5.831	5.831	(0.609)	416687	15.0000	16
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	1138152	15.0000	15
	18 Acrolein	56	6.179	6.179	(0.645)	208023	15.0000	16
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	556800	15.0000	16
	20 Acetone	43	6.446	6.446	(0.673)	720188	15.0000	15
	21 Carbon disulfide	76	6.698	6.698	(0.699)	1729069	15.0000	16
	22 Isopropanol	45	6.655	6.655	(0.695)	552129	15.0000	16
	23 Allyl chloride	41	6.965	6.965	(0.727)	541281	15.0000	15
	24 Acetonitrile	41	7.035	7.035	(0.735)	324890	15.0000	16
	25 Methylene chloride	49	7.217	7.211	(0.754)	503375	15.0000	15
	26 Tert-butyl alcohol	59	7.329	7.329	(0.765)	998363	15.0000	16
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	1780638	15.0000	16
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	832417	15.0000	16
	29 Acrylonitrile	53	7.687	7.688	(0.803)	369953	15.0000	16
	30 n-Hexane	57	7.934	7.934	(0.828)	832401	15.0000	16
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	1000035	15.0000	16
	32 Vinyl acetate	43	8.345	8.346	(0.872)	1157537	15.0000	16
M	33 1,2-Dichloroethene,Total	61				1444047	30.0000	32
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	611630	15.0000	16
	35 Ethyl acetate	88	9.228	9.228	(0.964)	54916	15.0000	17
	36 Methyl Ethyl Ketone	72	9.217	9.218	(0.963)	286292	15.0000	16
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	377246	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	474014	15.0000	15
	39 Chloroform	83	9.656	9.651	(1.008)	1284546	15.0000	15
	40 Cyclohexane	84	9.918	9.918	(0.904)	802828	15.0000	14
	41 1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	1334124	15.0000	14
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	1293183	15.0000	14
	43 2,2,4-Trimethylpentane	57	10.394	10.395	(0.947)	2506983	15.0000	15
	44 Benzene	78	10.432	10.432	(0.951)	1770758	15.0000	13
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	846642	15.0000	15
	46 n-Heptane	43	10.640	10.641	(0.970)	813139	15.0000	15
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	1983803	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.017)	278735	15.0000	16
	49 Trichloroethene	95	11.331	11.331	(1.033)	893403	15.0000	15
	50 1,2-Dichloropropane	63	11.705	11.700	(1.067)	614824	15.0000	15
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	659877	15.0000	16
	52 Dibromomethane	174	11.887	11.887	(1.083)	694904	15.0000	16
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	275604	15.0000	16
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	1448842	15.0000	16
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	1139771	15.0000	16
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	1057410	15.0000	15
	57 n-Octane	43	13.107	13.107	(1.195)	1088645	15.0000	15
	58 Toluene	92	13.117	13.118	(0.870)	1451766	15.0000	15
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	1237833	15.0000	16
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	734102	15.0000	15
	61 Tetrachloroethene	166	13.882	13.883	(0.921)	1220342	15.0000	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.016	14.022	(0.930)	1050692	15.0000	16
63	Dibromochloromethane	129	14.300	14.300	(0.949)	1580569	15.0000	17
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	1435859	15.0000	16
* 65	Chlorobenzene-d5	117	15.075	15.076	(1.000)	1957784	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	2045962	15.0000	15
67	n-Nonane	57	15.214	15.215	(1.009)	1265610	15.0000	15
68	Ethylbenzene	91	15.188	15.188	(1.007)	3311740	15.0000	15
69	Xylene (m,p)	106	15.338	15.332	(1.017)	2550275	30.0000	30
M 70	Xylenes, Total	106				3840339	15.0000	45
71	Xylene (o)	106	15.851	15.846	(1.051)	1290064	15.0000	15
72	Styrene	104	15.873	15.873	(1.053)	2039885	15.0000	16
73	Bromoform	173	16.161	16.162	(1.072)	1480522	15.0000	17
74	Isopropylbenzene	105	16.263	16.263	(1.079)	3813649	15.0000	15
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1922667	15.0000	15
76	n-Propylbenzene	91	16.744	16.745	(1.111)	4403541	15.0000	15
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	1413257	15.0000	15
78	n-Decane	57	16.819	16.820	(1.116)	1640469	15.0000	15
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	3951137	15.0000	15
80	2-Chlorotoluene	91	16.905	16.905	(1.121)	3599759	15.0000	15
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.123)	3265378	15.0000	15
82	Alpha Methyl Styrene	118	17.205	17.205	(1.141)	1719956	15.0000	17
83	tert-butylbenzene	119	17.312	17.306	(1.148)	3087735	15.0000	15
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	3333273	15.0000	15
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	4640395	15.0000	15
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	3936597	15.0000	15
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	2259850	15.0000	15
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	2290373	15.0000	15
89	Benzyl chloride	91	18.044	18.045	(1.197)	3085949	15.0000	16
90	Undecane	57	18.189	18.189	(1.207)	1823989	15.0000	16
91	n-Butylbenzene	91	18.216	18.216	(1.208)	3641732	15.0000	15
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	2155117	15.0000	15
93	Dodecane	57	19.628	19.628	(1.302)	1812394	15.0000	16
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	1736727	15.0000	16
95	1,3-Hexachlorobutadiene	225	20.869	20.869	(1.384)	1210907	15.0000	15
96	Naphthalene	128	21.169	21.169	(1.404)	4099550	15.0000	16
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	1501883	15.0000	15

Data File:	fdt007.d	Date:	12-AUG-2010 22:51
Client ID:		Instrument:	F.i
Operator:	sv	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 29121		
Lab Sample ID:	ic 29121		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt008.d
Lab Smp Id: ic 29120
Inj Date : 12-AUG-2010 23:42
Operator : sv Inst ID: F.i
Smp Info : ic 29120
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 23:42 Cal File: fdt008.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

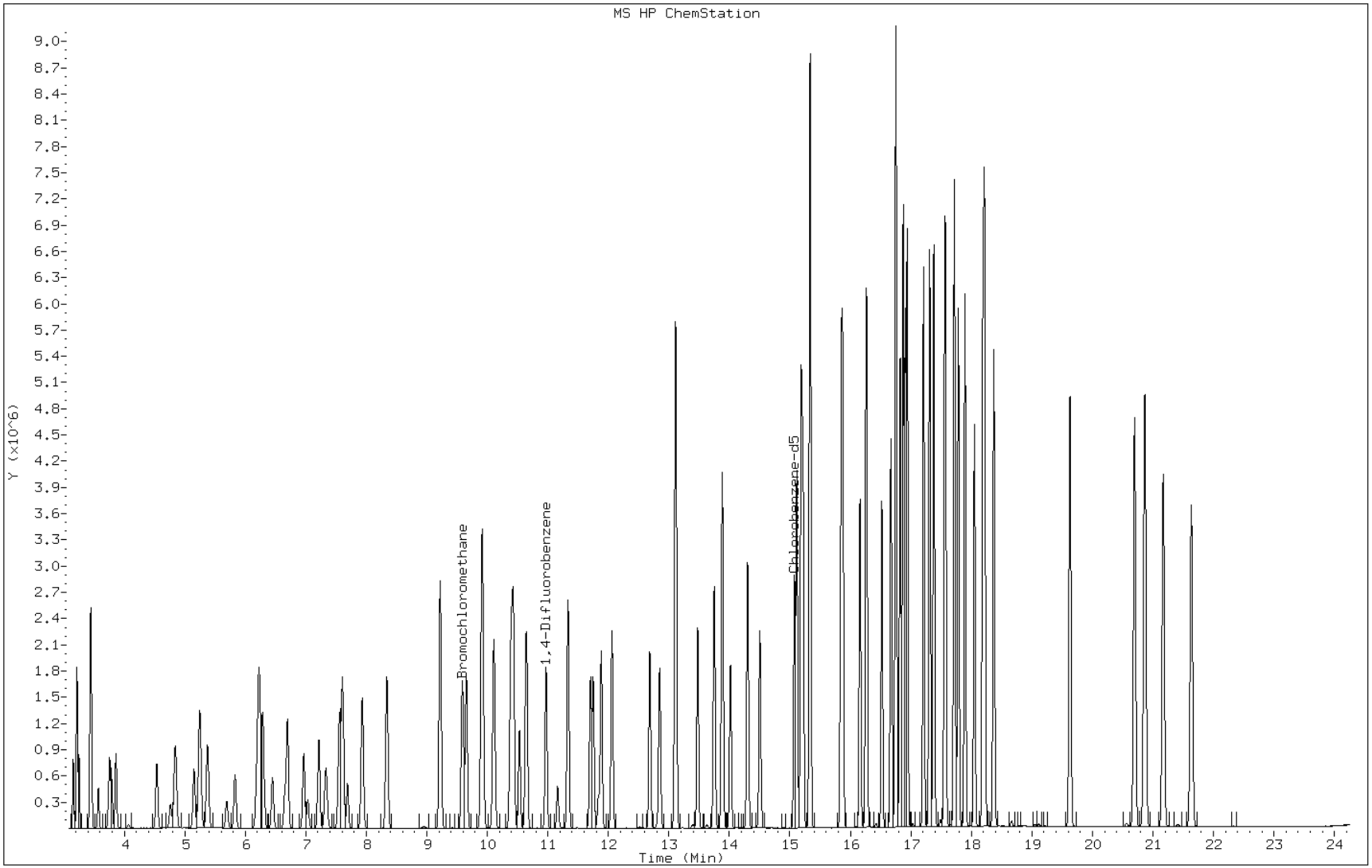
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.329)	360964	20.0000	19
2 Dichlorodifluoromethane	85	3.221	3.221	(0.336)	1758661	20.0000	20
3 Chlorodifluoromethane	51	3.253	3.253	(0.339)	878992	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	1795746	20.0000	19
5 Chloromethane	50	3.574	3.574	(0.373)	498665	20.0000	19
6 Butane	43	3.756	3.756	(0.392)	848772	20.0000	20
7 Vinyl chloride	62	3.793	3.793	(0.396)	648166	20.0000	20
8 1,3-Butadiene	54	3.863	3.863	(0.403)	489767	20.0000	21
9 Bromomethane	94	4.542	4.542	(0.474)	681862	20.0000	17
10 Chloroethane	64	4.761	4.761	(0.497)	356735	20.0000	19
11 2-Methylbutane	43	4.842	4.842	(0.505)	679105	20.0000	18
12 Vinyl bromide	106	5.152	5.152	(0.538)	694632	20.0000	18
13 Trichlorofluoromethane	101	5.248	5.243	(0.548)	1996944	20.0000	18
14 Pentane	43	5.377	5.377	(0.561)	983418	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.692	5.687	(0.594)	496291	40.0000	40
	16 Ethyl ether	59	5.831	5.831	(0.609)	573344	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	1585020	20.0000	19
	18 Acrolein	56	6.179	6.179	(0.645)	285626	20.0000	20
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	783040	20.0000	20
	20 Acetone	43	6.446	6.446	(0.673)	1004123	20.0000	19
	21 Carbon disulfide	76	6.698	6.698	(0.699)	2431409	20.0000	20
	22 Isopropanol	45	6.655	6.655	(0.695)	777670	20.0000	21
	23 Allyl chloride	41	6.965	6.965	(0.727)	781762	20.0000	20
	24 Acetonitrile	41	7.035	7.035	(0.734)	435979	20.0000	20
	25 Methylene chloride	49	7.211	7.211	(0.753)	706463	20.0000	19
	26 Tert-butyl alcohol	59	7.335	7.329	(0.765)	1396711	20.0000	20
	27 Methyl tert-butyl ether	73	7.565	7.565	(0.790)	2500222	20.0000	20
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	1161704	20.0000	20
	29 Acrylonitrile	53	7.688	7.688	(0.802)	517779	20.0000	21
	30 n-Hexane	57	7.934	7.934	(0.828)	1169828	20.0000	20
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	1390676	20.0000	20
	32 Vinyl acetate	43	8.351	8.346	(0.872)	1625947	20.0000	21
M	33 1,2-Dichloroethene,Total	61				1993190	40.0000	39
	34 1,2-Dichloroethene (cis)	96	9.218	9.218	(0.962)	831486	20.0000	19
	35 Ethyl acetate	88	9.234	9.228	(0.964)	74300	20.0000	20
	36 Methyl Ethyl Ketone	72	9.218	9.218	(0.962)	390122	20.0000	19
*	37 Bromochloromethane	128	9.581	9.581	(1.000)	418024	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	665246	20.0000	21
	39 Chloroform	83	9.656	9.651	(1.008)	1896398	20.0000	20
	40 Cyclohexane	84	9.918	9.918	(0.904)	1190460	20.0000	21
	41 1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	2021786	20.0000	21
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	1986385	20.0000	22
	43 2,2,4-Trimethylpentane	57	10.395	10.395	(0.947)	3614693	20.0000	21
	44 Benzene	78	10.432	10.432	(0.951)	2647749	20.0000	19
	45 1,2-Dichloroethane	62	10.534	10.528	(0.960)	1191849	20.0000	21
	46 n-Heptane	43	10.641	10.641	(0.970)	1140221	20.0000	20
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	2009526	10.0000	
	48 n-Butanol	56	11.160	11.165	(1.017)	393909	20.0000	23
	49 Trichloroethene	95	11.331	11.331	(1.033)	1193155	20.0000	20
	50 1,2-Dichloropropane	63	11.705	11.700	(1.067)	873065	20.0000	21
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	940883	20.0000	22
	52 Dibromomethane	174	11.887	11.887	(1.083)	972396	20.0000	22
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	372488	20.0000	21
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	2042067	20.0000	22
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	1616257	20.0000	22
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	1503359	20.0000	22
	57 n-Octane	43	13.107	13.107	(1.195)	1481302	20.0000	20
	58 Toluene	92	13.118	13.118	(0.870)	2015037	20.0000	20
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	1750759	20.0000	22
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	1022504	20.0000	20
	61 Tetrachloroethene	166	13.883	13.883	(0.921)	1718911	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.022	14.022	(0.930)	1479630	20.0000	21
63	Dibromochloromethane	129	14.305	14.300	(0.949)	2247027	20.0000	22
64	1,2-Dibromoethane	107	14.508	14.503	(0.962)	2021668	20.0000	21
* 65	Chlorobenzene-d5	117	15.076	15.076	(1.000)	2081084	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	2885182	20.0000	20
67	n-Nonane	57	15.215	15.215	(1.009)	1742656	20.0000	19
68	Ethylbenzene	91	15.188	15.188	(1.007)	4594806	20.0000	20
69	Xylene (m,p)	106	15.338	15.332	(1.017)	3511754	40.0000	39
M 70	Xylenes, Total	106				5295017	20.0000	59
71	Xylene (o)	106	15.851	15.846	(1.051)	1783263	20.0000	20
72	Styrene	104	15.873	15.873	(1.053)	2853483	20.0000	21
73	Bromoform	173	16.162	16.162	(1.072)	2083607	20.0000	22
74	Isopropylbenzene	105	16.263	16.263	(1.079)	5311630	20.0000	20
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	2663489	20.0000	20
76	n-Propylbenzene	91	16.745	16.745	(1.111)	6034678	20.0000	19
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	1925944	20.0000	19
78	n-Decane	57	16.820	16.820	(1.116)	2245117	20.0000	19
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	5460505	20.0000	20
80	2-Chlorotoluene	91	16.910	16.905	(1.122)	4995696	20.0000	20
81	1,3,5-Trimethylbenzene	105	16.943	16.937	(1.124)	4557146	20.0000	20
82	Alpha Methyl Styrene	118	17.210	17.205	(1.142)	2423528	20.0000	22
83	tert-butylbenzene	119	17.312	17.306	(1.148)	4315093	20.0000	20
84	1,2,4-Trimethylbenzene	105	17.381	17.376	(1.153)	4651410	20.0000	20
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	6426523	20.0000	20
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	5508429	20.0000	20
87	1,3-Dichlorobenzene	146	17.788	17.782	(1.180)	3172210	20.0000	20
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	3211907	20.0000	20
89	Benzyl chloride	91	18.050	18.045	(1.197)	4380473	20.0000	21
90	Undecane	57	18.189	18.189	(1.207)	2490268	20.0000	20
91	n-Butylbenzene	91	18.216	18.216	(1.208)	4992601	20.0000	19
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	3033214	20.0000	20
93	Dodecane	57	19.633	19.628	(1.302)	2556862	20.0000	21
94	1,2,4-Trichlorobenzene	180	20.698	20.693	(1.373)	2498978	20.0000	21
95	1,3-Hexachlorobutadiene	225	20.864	20.869	(1.384)	1731634	20.0000	20
96	Naphthalene	128	21.169	21.169	(1.404)	5883111	20.0000	21
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	2185863	20.0000	21

Data File: fdt008.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 29120
Lab Sample ID: ic 29120

Date: 12-AUG-2010 23:42
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt009.d
Lab Smp Id: ic 29118
Inj Date : 13-AUG-2010 00:33
Operator : sv Inst ID: F.i
Smp Info : ic 29118
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 13-AUG-2010 00:33 Cal File: fdt009.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.329)	690969	40.0000	38
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	3130752	40.0000	36
3 Chlorodifluoromethane	51	3.252	3.253	(0.339)	1640963	40.0000	37
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	3334231	40.0000	37
5 Chloromethane	50	3.573	3.574	(0.373)	927591	40.0000	37
6 Butane	43	3.755	3.756	(0.392)	1593359	40.0000	38
7 Vinyl chloride	62	3.793	3.793	(0.396)	1221268	40.0000	39
8 1,3-Butadiene	54	3.862	3.863	(0.403)	927445	40.0000	40
9 Bromomethane	94	4.542	4.542	(0.474)	1312326	40.0000	35
10 Chloroethane	64	4.766	4.761	(0.497)	675867	40.0000	37
11 2-Methylbutane	43	4.847	4.842	(0.506)	1297891	40.0000	36
12 Vinyl bromide	106	5.152	5.152	(0.538)	1294451	40.0000	35
13 Trichlorofluoromethane	101	5.253	5.243	(0.548)	3790397	40.0000	35
14 Pentane	43	5.382	5.377	(0.562)	1869838	40.0000	39

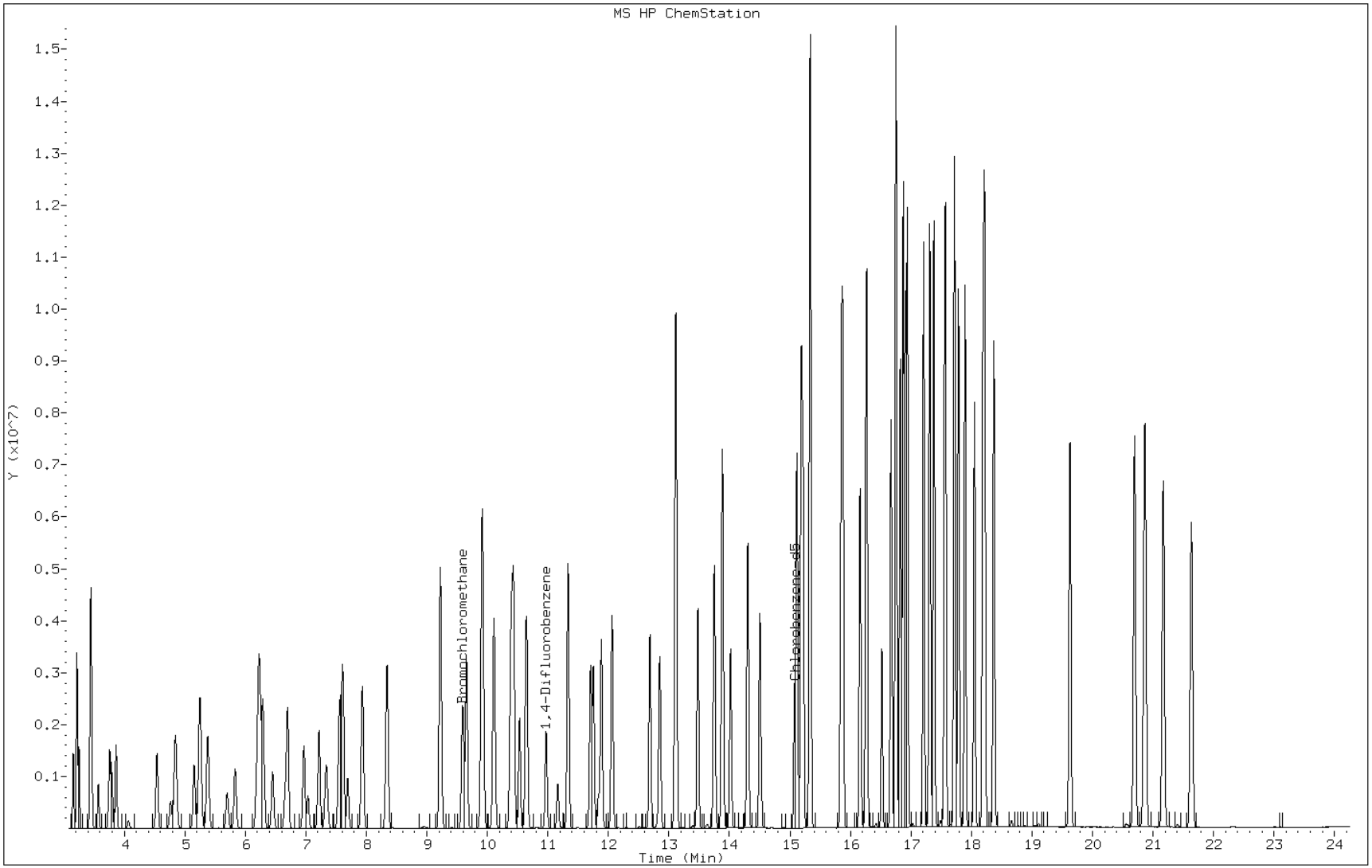
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.703	5.687	(0.595)	1143759	100.000	94
	16 Ethyl ether	59	5.836	5.831	(0.609)	1096974	40.0000	39
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	2907332	40.0000	36
	18 Acrolein	56	6.179	6.179	(0.645)	541448	40.0000	40
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	1450310	40.0000	38
	20 Acetone	43	6.452	6.446	(0.673)	1929616	40.0000	37
	21 Carbon disulfide	76	6.703	6.698	(0.700)	4495386	40.0000	38
	22 Isopropanol	45	6.666	6.655	(0.696)	1414778	40.0000	38
	23 Allyl chloride	41	6.971	6.965	(0.728)	1478001	40.0000	39
	24 Acetonitrile	41	7.035	7.035	(0.734)	852623	40.0000	40
	25 Methylene chloride	49	7.217	7.211	(0.753)	1334976	40.0000	37
	26 Tert-butyl alcohol	59	7.340	7.329	(0.766)	2534136	40.0000	38
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	4723943	40.0000	39
	28 1,2-Dichloroethene (trans)	61	7.612	7.607	(0.795)	2153478	40.0000	38
	29 Acrylonitrile	53	7.693	7.688	(0.803)	995916	40.0000	41(A)
	30 n-Hexane	57	7.933	7.934	(0.828)	2190891	40.0000	38
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	2608155	40.0000	38
	32 Vinyl acetate	43	8.351	8.346	(0.872)	2994179	40.0000	39
M	33 1,2-Dichloroethene,Total	61				3718842	80.0000	75
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.962)	1565364	40.0000	38
	35 Ethyl acetate	88	9.239	9.228	(0.964)	138437	40.0000	39
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.963)	727910	40.0000	37(Q)
*	37 Bromochloromethane	128	9.581	9.581	(1.000)	406918	10.0000	
	38 Tetrahydrofuran	42	9.603	9.597	(0.875)	1266734	40.0000	40
	39 Chloroform	83	9.656	9.651	(1.008)	3588443	40.0000	39
	40 Cyclohexane	84	9.924	9.918	(0.904)	2165376	40.0000	37
	41 1,1,1-Trichloroethane	97	9.913	9.902	(0.903)	3772278	40.0000	38
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	3774556	40.0000	40
	43 2,2,4-Trimethylpentane	57	10.394	10.395	(0.947)	6664368	40.0000	37
	44 Benzene	78	10.437	10.432	(0.951)	4955537	40.0000	36
	45 1,2-Dichloroethane	62	10.533	10.528	(0.960)	2284024	40.0000	39
	46 n-Heptane	43	10.646	10.641	(0.970)	2087124	40.0000	36
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	2057023	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.017)	703957	40.0000	39
	49 Trichloroethene	95	11.336	11.331	(1.033)	2308084	40.0000	38
	50 1,2-Dichloropropane	63	11.705	11.700	(1.067)	1583414	40.0000	36
	51 Methyl methacrylate	69	11.753	11.748	(1.071)	1749617	40.0000	41(A)
	52 Dibromomethane	174	11.887	11.887	(1.083)	1738559	40.0000	38
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	657989	40.0000	37
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	3782146	40.0000	39
	55 1,3-Dichloropropene (cis)	75	12.689	12.684	(1.157)	3047569	40.0000	41(A)
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	2781773	40.0000	39
	57 n-Octane	43	13.107	13.107	(1.195)	2580741	40.0000	34
	58 Toluene	92	13.117	13.118	(0.870)	3603751	40.0000	37
	59 1,3-Dichloropropene (trans)	75	13.481	13.476	(1.229)	3311498	40.0000	40(A)
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	1886841	40.0000	40
	61 Tetrachloroethene	166	13.888	13.883	(0.921)	3136962	40.0000	40(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.021	14.022	(0.930)	2722830	40.0000	40(A)
63	Dibromochloromethane	129	14.305	14.300	(0.949)	4181013	40.0000	44(A)
64	1,2-Dibromoethane	107	14.508	14.503	(0.962)	3713113	40.0000	41(A)
* 65	Chlorobenzene-d5	117	15.075	15.076	(1.000)	1967753	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	5295215	40.0000	38
67	n-Nonane	57	15.220	15.215	(1.010)	3027939	40.0000	36
68	Ethylbenzene	91	15.188	15.188	(1.007)	8245881	40.0000	37
69	Xylene (m,p)	106	15.337	15.332	(1.017)	6285470	80.0000	73
M 70	Xylenes, Total	106				9489870	40.0000	110
71	Xylene (o)	106	15.851	15.846	(1.051)	3204400	40.0000	38
72	Styrene	104	15.878	15.873	(1.053)	5147147	40.0000	41(A)
73	Bromoform	173	16.161	16.162	(1.072)	3723367	40.0000	42(A)
74	Isopropylbenzene	105	16.268	16.263	(1.079)	9540094	40.0000	38
75	1,1,2,2-Tetrachloroethane	83	16.675	16.670	(1.106)	4684738	40.0000	36
76	n-Propylbenzene	91	16.750	16.745	(1.111)	10328543	40.0000	35
77	1,2,3-Trichloropropane	75	16.761	16.755	(1.112)	3301757	40.0000	35
78	n-Decane	57	16.825	16.820	(1.116)	3834983	40.0000	35
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	9630978	40.0000	37
80	2-Chlorotoluene	91	16.910	16.905	(1.122)	8803133	40.0000	37
81	1,3,5-Trimethylbenzene	105	16.942	16.937	(1.124)	8100457	40.0000	38
82	Alpha Methyl Styrene	118	17.210	17.205	(1.142)	4346138	40.0000	42(A)
83	tert-butylbenzene	119	17.312	17.306	(1.148)	7742010	40.0000	38
84	1,2,4-Trimethylbenzene	105	17.381	17.376	(1.153)	8283967	40.0000	38
85	sec-Butylbenzene	105	17.568	17.563	(1.165)	11320444	40.0000	37
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	9751345	40.0000	38
87	1,3-Dichlorobenzene	146	17.788	17.782	(1.180)	5637961	40.0000	37
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	5695059	40.0000	37
89	Benzyl chloride	91	18.050	18.045	(1.197)	7885201	40.0000	41(A)
90	Undecane	57	18.189	18.189	(1.207)	3996584	40.0000	34
91	n-Butylbenzene	91	18.221	18.216	(1.209)	8537193	40.0000	35
92	1,2-Dichlorobenzene	146	18.376	18.371	(1.219)	5393228	40.0000	37
93	Dodecane	57	19.633	19.628	(1.302)	3929904	40.0000	34
94	1,2,4-Trichlorobenzene	180	20.698	20.693	(1.373)	4120238	40.0000	37
95	1,3-Hexachlorobutadiene	225	20.869	20.869	(1.384)	2777259	40.0000	35
96	Naphthalene	128	21.169	21.169	(1.404)	9824355	40.0000	38
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	3494896	40.0000	35

QC Flag Legend

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

Data File:	fdt009.d	Date:	13-AUG-2010 00:33
Client ID:		Instrument:	F.i
Operator:	sv	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 29118		
Lab Sample ID:	ic 29118		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: ICV 200-5141/11 Calibration Date: 08/13/2010 02:15

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdt011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4479	0.4374		9.76	10.0	-2.3	30.0
Dichlorodifluoromethane	Ave	2.147	2.186		10.2	10.0	1.8	30.0
Freon 22	Ave	1.086	1.055		9.71	10.0	-2.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.241	2.236		9.98	10.0	-0.2	30.0
Chloromethane	Ave	0.6225	0.5942		9.54	10.0	-4.5	30.0
n-Butane	Ave	1.031	1.017		9.86	10.0	-1.4	30.0
Vinyl chloride	Ave	0.7737	0.7815		10.1	10.0	1.0	30.0
1,3-Butadiene	Ave	0.5708	0.5986		10.5	10.0	4.9	30.0
Bromomethane	Ave	0.9326	0.8155		8.74	10.0	-12.6	30.0
Chloroethane	Ave	0.4539	0.4277		9.42	10.0	-5.8	30.0
Isopentane	Ave	0.8819	0.8308		9.42	10.0	-5.8	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9083	0.8260		9.09	10.0	-9.1	30.0
Trichlorofluoromethane	Ave	2.637	2.412		9.15	10.0	-8.5	30.0
n-Pentane	Ave	1.193	1.176		9.85	10.0	-1.4	30.0
Ethanol	Ave	0.2974	0.2675		13.5	15.0	-10.1	30.0
Ethyl ether	Ave	0.6878	0.6673		9.70	10.0	-3.0	30.0
Acrolein	Ave	0.3356	0.3030		9.03	10.0	-9.7	30.0
Freon TF	Ave	1.958	2.143		10.9	10.0	9.5	30.0
1,1-Dichloroethene	Ave	0.9389	1.074		11.4	10.0	14.4	30.0
Acetone	Ave	1.272	1.289		10.1	10.0	1.3	30.0
Isopropyl alcohol	Ave	0.9047	0.8871		9.80	10.0	-1.9	30.0
Carbon disulfide	Ave	2.942	2.976		10.1	10.0	1.1	30.0
3-Chloropropene	Ave	0.9329	0.9604		10.3	10.0	3.0	30.0
Acetonitrile	Ave	0.5302	0.5540		10.4	10.0	4.5	30.0
Methylene Chloride	Ave	0.8906	0.9289		10.4	10.0	4.3	30.0
tert-Butyl alcohol	Ave	1.638	1.596		9.74	10.0	-2.6	30.0
Methyl tert-butyl ether	Ave	2.953	3.063		10.4	10.0	3.7	30.0
trans-1,2-Dichloroethene	Ave	1.408	1.427		10.1	10.0	1.3	30.0
n-Hexane	Ave	1.414	1.459		10.3	10.0	3.2	30.0
1,1-Dichloroethane	Ave	1.698	1.744		10.3	10.0	2.7	30.0
Vinyl acetate	Ave	1.880	1.985		10.6	10.0	5.6	30.0
cis-1,2-Dichloroethene	Ave	1.022	1.054		10.3	10.0	3.2	30.0
Methyl Ethyl Ketone	Ave	0.4842	0.4867		10.0	10.0	0.5	30.0
Ethyl acetate	Ave	0.0871	0.0925		10.6	10.0	6.1	30.0
Tetrahydrofuran	Ave	0.1549	0.1727		11.1	10.0	11.5	30.0
Chloroform	Ave	2.252	2.237		9.93	10.0	-0.7	30.0
1,1,1-Trichloroethane	Ave	0.4804	0.4840		10.1	10.0	0.7	30.0
Cyclohexane	Ave	0.2877	0.2977		10.3	10.0	3.5	30.0
Carbon tetrachloride	Ave	0.4590	0.4642		10.1	10.0	1.1	30.0
2,2,4-Trimethylpentane	Ave	0.8701	0.9322		10.7	10.0	7.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: ICV 200-5141/11 Calibration Date: 08/13/2010 02:15

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdt011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6765	0.6471		9.56	10.0	-4.3	30.0
1,2-Dichloroethane	Ave	0.2874	0.2918		10.2	10.0	1.5	30.0
n-Heptane	Ave	0.2802	0.2941		10.5	10.0	4.9	30.0
Trichloroethene	Ave	0.2931	0.2935		10.0	10.0	0.1	30.0
1,2-Dichloropropane	Ave	0.2110	0.2131		10.1	10.0	1.0	30.0
Methyl methacrylate	Ave	0.2085	0.2253		10.8	10.0	8.1	30.0
1,4-Dioxane	Ave	0.0873	0.0824		9.44	10.0	-5.6	30.0
Dibromomethane	Ave	0.2241	0.2188		9.76	10.0	-2.4	30.0
Bromodichloromethane	Ave	0.4685	0.5038		10.8	10.0	7.5	30.0
cis-1,3-Dichloropropene	Ave	0.3636	0.3618		9.95	10.0	-0.5	30.0
methyl isobutyl ketone	Ave	0.3475	0.3802		10.9	10.0	9.4	30.0
n-Octane	Ave	0.3745	0.3946		10.5	10.0	5.4	30.0
Toluene	Ave	0.4936	0.5166		10.5	10.0	4.7	30.0
trans-1,3-Dichloropropene	Ave	0.3994	0.3893		9.74	10.0	-2.5	30.0
1,1,2-Trichloroethane	Ave	0.2424	0.2481		10.2	10.0	2.4	30.0
Tetrachloroethene	Ave	0.3941	0.3798		9.63	10.0	-3.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3426	0.4235		12.4	10.0	23.6	30.0
Dibromochloromethane	Ave	0.4814	0.5257		10.9	10.0	9.2	30.0
1,2-Dibromoethane	Ave	0.4598	0.4786		10.4	10.0	4.1	30.0
Chlorobenzene	Ave	0.7015	0.6896		9.83	10.0	-1.7	30.0
Ethylbenzene	Ave	1.122	1.165		10.4	10.0	3.8	30.0
n-Nonane	Ave	0.4332	0.5068		11.7	10.0	17.0	30.0
m,p-Xylene	Ave	0.4353	0.4324		19.9	20.0	-0.7	30.0
Xylene, o-	Ave	0.4339	0.4270		9.84	10.0	-1.6	30.0
Styrene	Ave	0.6444	0.6757		10.5	10.0	4.8	30.0
Bromoform	Ave	0.4474	0.4651		10.4	10.0	4.0	30.0
Cumene	Ave	1.273	1.315		10.3	10.0	3.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6546	0.6591		10.1	10.0	0.7	30.0
n-Propylbenzene	Ave	1.512	1.581		10.5	10.0	4.6	30.0
1,2,3-Trichloropropane	Ave	0.4817	0.5245		10.9	10.0	8.9	30.0
n-Decane	Ave	0.5537	0.6536		11.8	10.0	18.0	30.0
4-Ethyltoluene	Ave	1.334	1.377		10.3	10.0	3.2	30.0
2-Chlorotoluene	Ave	1.225	1.287		10.5	10.0	5.1	30.0
1,3,5-Trimethylbenzene	Ave	1.093	1.094		10.0	10.0	0.0	30.0
tert-Butylbenzene	Ave	1.044	1.024		9.81	10.0	-1.9	30.0
1,2,4-Trimethylbenzene	Ave	1.119	1.086		9.71	10.0	-2.9	30.0
sec-Butylbenzene	Ave	1.575	1.569		9.96	10.0	-0.4	30.0
4-Isopropyltoluene	Ave	1.320	1.324		10.0	10.0	0.4	30.0
1,3-Dichlorobenzene	Ave	0.7681	0.6951		9.05	10.0	-9.5	30.0
1,4-Dichlorobenzene	Ave	0.7810	0.7049		9.02	10.0	-9.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: ICV 200-5141/11 Calibration Date: 08/13/2010 02:15

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdt011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.9810	1.049		10.7	10.0	6.9	30.0
n-Undecane	Ave	0.5980	0.7314		12.2	10.0	22.3	30.0
n-Butylbenzene	Ave	1.242	1.292		10.4	10.0	4.0	30.0
1,2-Dichlorobenzene	Ave	0.7345	0.6579		8.96	10.0	-10.4	30.0
n-Dodecane	Ave	0.5870	0.7203		12.3	10.0	22.7	30.0
1,2,4-Trichlorobenzene	Ave	0.5711	0.5557		9.73	10.0	-2.7	30.0
Hexachlorobutadiene	Ave	0.4086	0.3722		9.11	10.0	-8.9	30.0
Naphthalene	Ave	1.329	1.498		11.3	10.0	12.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5011	0.5205		10.4	10.0	3.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt011.d
Lab Smp Id: icv 29396
Inj Date : 13-AUG-2010 02:15
Operator : sv Inst ID: F.i
Smp Info : icv 29396
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 13-AUG-2010 00:33 Cal File: fdt009.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	185753	9.76338	9.8
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	928299	10.1785	10
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	447912	9.70662	9.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	949847	9.97743	10
5 Chloromethane	50	3.574	3.574	(0.373)	252362	9.54344	9.5
6 Butane	43	3.755	3.756	(0.392)	431887	9.85999	9.9
7 Vinyl chloride	62	3.793	3.793	(0.396)	331931	10.0997	10
8 1,3-Butadiene	54	3.862	3.863	(0.403)	254223	10.4836	10
9 Bromomethane	94	4.542	4.542	(0.474)	346362	8.74327	8.7
10 Chloroethane	64	4.761	4.761	(0.497)	181649	9.42047	9.4
11 2-Methylbutane	43	4.847	4.842	(0.506)	352847	9.41812	9.4
12 Vinyl bromide	106	5.152	5.152	(0.538)	350806	9.09197	9.1
13 Trichlorofluoromethane	101	5.248	5.243	(0.548)	1024596	9.14707	9.1
14 Pentane	43	5.376	5.377	(0.561)	499537	9.85368	9.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	5.692	5.687	(0.594)	170840	13.5205	14
16	Ethyl ether	59	5.831	5.831	(0.609)	283406	9.70038	9.7
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	910166	10.9450	11
18	Acrolein	56	6.179	6.179	(0.645)	128703	9.02782	9.0
19	1,1-Dichloroethene	96	6.291	6.291	(0.657)	456156	11.4374	11
20	Acetone	43	6.446	6.446	(0.673)	547366	10.1297	10
21	Carbon disulfide	76	6.698	6.698	(0.699)	1263818	10.1117	10
22	Isopropanol	45	6.650	6.655	(0.694)	376752	9.80356	9.8
23	Allyl chloride	41	6.960	6.965	(0.727)	407906	10.2935	10
24	Acetonitrile	41	7.035	7.035	(0.735)	235280	10.4471	10
25	Methylene chloride	49	7.211	7.211	(0.753)	394504	10.4275	10
26	Tert-butyl alcohol	59	7.329	7.329	(0.765)	677995	9.74140	9.7
27	Methyl tert-butyl ether	73	7.559	7.565	(0.789)	1300980	10.3723	10
28	1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	605873	10.1308	10
29	Acrylonitrile	53	7.687	7.688	(0.803)	273137	10.6574	11
30	n-Hexane	57	7.934	7.934	(0.828)	619546	10.3148	10
31	1,1-Dichloroethane	63	8.329	8.335	(0.870)	740635	10.2659	10
32	Vinyl acetate	43	8.345	8.346	(0.872)	843266	10.5590	11
M 33	1,2-Dichloroethene,Total	61				1053641	20.4494	20
34	1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	447768	10.3186	10
35	Ethyl acetate	88	9.233	9.228	(0.964)	39268	10.6102	11
36	Methyl Ethyl Ketone	72	9.217	9.218	(0.963)	206691	10.0494	10(Q)
* 37	Bromochloromethane	128	9.576	9.581	(1.000)	424799	10.0000	
38	Tetrahydrofuran	42	9.597	9.597	(0.875)	343965	11.1469	11
39	Chloroform	83	9.651	9.651	(1.008)	950086	9.93116	9.9
40	Cyclohexane	84	9.918	9.918	(0.904)	592980	10.3450	10
41	1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	964149	10.0721	10
42	Carbon tetrachloride	117	10.105	10.111	(0.921)	924794	10.1125	10
43	2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1857071	10.7112	11
44	Benzene	78	10.432	10.432	(0.951)	1289126	9.56390	9.6
45	1,2-Dichloroethane	62	10.528	10.528	(0.960)	581299	10.1504	10
46	n-Heptane	43	10.640	10.641	(0.970)	585879	10.4921	10
* 47	1,4-Difluorobenzene	114	10.972	10.972	(1.000)	1992538	10.0000	
48	n-Butanol	56	11.159	11.165	(1.017)	179834	10.3925	10
49	Trichloroethene	95	11.331	11.331	(1.033)	584717	10.0112	10
50	1,2-Dichloropropane	63	11.700	11.700	(1.066)	424442	10.0976	10
51	Methyl methacrylate	69	11.748	11.748	(1.071)	448885	10.8070	11
52	Dibromomethane	174	11.882	11.887	(1.083)	435823	9.76146	9.8
53	1,4-Dioxane	88	11.839	11.839	(1.079)	164172	9.43730	9.4
54	Bromodichloromethane	83	12.058	12.058	(1.099)	1003581	10.7507	11
55	1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	720804	9.94847	9.9
56	Methyl isobutyl ketone	43	12.845	12.839	(1.171)	757396	10.9380	11
57	n-Octane	43	13.107	13.107	(1.195)	786071	10.5342	11
58	Toluene	92	13.117	13.118	(0.870)	894918	10.4638	10
59	1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	775494	9.74370	9.7
60	1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	429823	10.2347	10
61	Tetrachloroethene	166	13.882	13.883	(0.921)	657979	9.63466	9.6

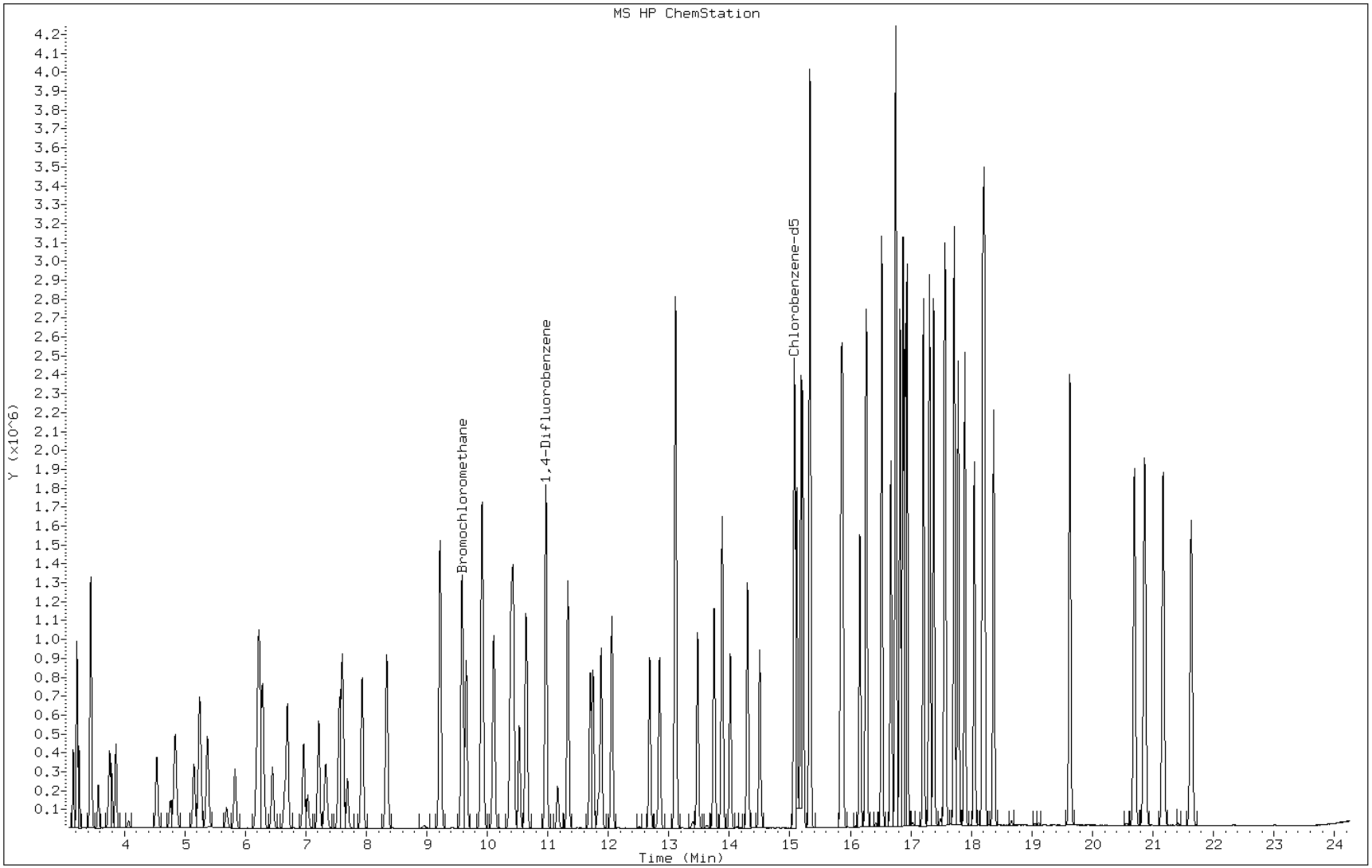
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	14.016	14.022	(0.930)	733689	12.3603	12
63	Dibromochloromethane	129	14.300	14.300	(0.949)	910734	10.9192	11
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	829066	10.4070	10
* 65	Chlorobenzene-d5	117	15.075	15.076	(1.000)	1732704	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	1194656	9.82905	9.8
67	n-Nonane	57	15.214	15.215	(1.009)	878016	11.6961	12
68	Ethylbenzene	91	15.182	15.188	(1.007)	2017443	10.3755	10
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1498234	19.8637	20
M 70	Xylenes, Total	106				2237977	29.7038	30
71	Xylene (o)	106	15.851	15.846	(1.051)	739743	9.84012	9.8
72	Styrene	104	15.872	15.873	(1.053)	1170546	10.4829	10
73	Bromoform	173	16.161	16.162	(1.072)	805791	10.3952	10
74	Isopropylbenzene	105	16.263	16.263	(1.079)	2277740	10.3260	10
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1141816	10.0670	10
76	n-Propylbenzene	91	16.744	16.745	(1.111)	2738297	10.4543	10
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	908652	10.8876	11
78	n-Decane	57	16.819	16.820	(1.116)	1132320	11.8025	12
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2384682	10.3182	10
80	2-Chlorotoluene	91	16.905	16.905	(1.121)	2229982	10.5086	11
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.123)	1894702	10.0010	10
82	Alpha Methyl Styrene	118	17.205	17.205	(1.141)	977941	10.7006	11
83	tert-butylbenzene	119	17.306	17.306	(1.148)	1774660	9.80637	9.8
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	1881744	9.70833	9.7
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	2718242	9.95952	10
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	2294318	10.0342	10
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	1204089	9.04742	9.0
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	1221163	9.02344	9.0
89	Benzyl chloride	91	18.044	18.045	(1.197)	1816684	10.6872	11
90	Undecane	57	18.189	18.189	(1.207)	1267091	12.2287	12
91	n-Butylbenzene	91	18.216	18.216	(1.208)	2238016	10.3981	10
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	1139675	8.95528	9.0
93	Dodecane	57	19.628	19.628	(1.302)	1247754	12.2670	12
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	962654	9.72797	9.7
95	1,3-Hexachlorobutadiene	225	20.864	20.869	(1.384)	644842	9.10906	9.1
96	Naphthalene	128	21.169	21.169	(1.404)	2594307	11.2642	11
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	901693	10.3857	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: fdt011.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 29396
Lab Sample ID: icv 29396

Date: 13-AUG-2010 02:15
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5588/26 Calibration Date: 08/24/2010 16:43

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtj002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4479	0.4176		9.32	10.0	-6.8	30.0
Dichlorodifluoromethane	Ave	2.147	2.194		10.2	10.0	2.2	30.0
Freon 22	Ave	1.086	1.012		9.31	10.0	-6.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.241	2.282		10.2	10.0	1.8	30.0
Chloromethane	Ave	0.6225	0.5796		9.31	10.0	-6.9	30.0
n-Butane	Ave	1.031	0.9600		9.31	10.0	-6.9	30.0
Vinyl chloride	Ave	0.7737	0.7610		9.83	10.0	-1.6	30.0
1,3-Butadiene	Ave	0.5708	0.5525		9.68	10.0	-3.2	30.0
Bromomethane	Ave	0.9326	0.8974		9.62	10.0	-3.8	30.0
Chloroethane	Ave	0.4539	0.4380		9.65	10.0	-3.5	30.0
Isopentane	Ave	0.8819	0.7839		8.89	10.0	-11.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9083	0.8809		9.70	10.0	-3.0	30.0
Trichlorofluoromethane	Ave	2.637	2.435		9.23	10.0	-7.7	30.0
n-Pentane	Ave	1.193	1.136		9.51	10.0	-4.8	30.0
Ethanol	Ave	0.2974	0.2717		13.7	15.0	-8.7	30.0
Ethyl ether	Ave	0.6878	0.6406		9.31	10.0	-6.9	30.0
Acrolein	Ave	0.3356	0.3078		9.17	10.0	-8.3	30.0
Freon TF	Ave	1.958	1.902		9.72	10.0	-2.8	30.0
1,1-Dichloroethene	Ave	0.9389	0.9285		9.89	10.0	-1.1	30.0
Acetone	Ave	1.272	1.336		10.5	10.0	5.0	30.0
Isopropyl alcohol	Ave	0.9047	0.8427		9.31	10.0	-6.9	30.0
Carbon disulfide	Ave	2.942	2.852		9.69	10.0	-3.1	30.0
3-Chloropropene	Ave	0.9329	0.7988		8.56	10.0	-14.4	30.0
Acetonitrile	Ave	0.5302	0.5505		10.4	10.0	3.8	30.0
Methylene Chloride	Ave	0.8906	0.8032		9.02	10.0	-9.8	30.0
tert-Butyl alcohol	Ave	1.638	1.620		9.88	10.0	-1.2	30.0
Methyl tert-butyl ether	Ave	2.953	2.780		9.41	10.0	-5.9	30.0
trans-1,2-Dichloroethene	Ave	1.408	1.316		9.35	10.0	-6.5	30.0
n-Hexane	Ave	1.414	1.327		9.38	10.0	-6.1	30.0
1,1-Dichloroethane	Ave	1.698	1.606		9.46	10.0	-5.4	30.0
Vinyl acetate	Ave	1.880	1.813		9.64	10.0	-3.6	30.0
cis-1,2-Dichloroethene	Ave	1.022	1.054		10.3	10.0	3.2	30.0
Methyl Ethyl Ketone	Ave	0.4842	0.4799		9.91	10.0	-0.9	30.0
Ethyl acetate	Ave	0.0871	0.0934		10.7	10.0	7.2	30.0
Tetrahydrofuran	Ave	0.1549	0.1479		9.55	10.0	-4.5	30.0
Chloroform	Ave	2.252	2.116		9.39	10.0	-6.1	30.0
1,1,1-Trichloroethane	Ave	0.4804	0.4384		9.12	10.0	-8.8	30.0
Cyclohexane	Ave	0.2877	0.2810		9.76	10.0	-2.3	30.0
Carbon tetrachloride	Ave	0.4590	0.4273		9.31	10.0	-6.9	30.0
2,2,4-Trimethylpentane	Ave	0.8701	0.8114		9.32	10.0	-6.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5588/26 Calibration Date: 08/24/2010 16:43

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtj002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6765	0.6061		8.96	10.0	-10.4	30.0
1,2-Dichloroethane	Ave	0.2874	0.2585		8.99	10.0	-10.1	30.0
n-Heptane	Ave	0.2802	0.2552		9.10	10.0	-8.9	30.0
Trichloroethene	Ave	0.2931	0.2785		9.50	10.0	-5.0	30.0
1,2-Dichloropropane	Ave	0.2110	0.1960		9.29	10.0	-7.1	30.0
Methyl methacrylate	Ave	0.2085	0.2038		9.77	10.0	-2.3	30.0
1,4-Dioxane	Ave	0.0873	0.0868		9.94	10.0	-0.6	30.0
Dibromomethane	Ave	0.2241	0.2197		9.80	10.0	-2.0	30.0
Bromodichloromethane	Ave	0.4685	0.4648		9.92	10.0	-0.8	30.0
cis-1,3-Dichloropropene	Ave	0.3636	0.3420		9.40	10.0	-6.0	30.0
methyl isobutyl ketone	Ave	0.3475	0.3241		9.32	10.0	-6.7	30.0
n-Octane	Ave	0.3745	0.3430		9.16	10.0	-8.4	30.0
Toluene	Ave	0.4936	0.4927		9.98	10.0	-0.2	30.0
trans-1,3-Dichloropropene	Ave	0.3994	0.3642		9.12	10.0	-8.8	30.0
1,1,2-Trichloroethane	Ave	0.2424	0.2412		9.95	10.0	-0.5	30.0
Tetrachloroethene	Ave	0.3941	0.3655		9.27	10.0	-7.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3426	0.3390		9.89	10.0	-1.1	30.0
Dibromochloromethane	Ave	0.4814	0.4792		9.95	10.0	-0.5	30.0
1,2-Dibromoethane	Ave	0.4598	0.4662		10.1	10.0	1.4	30.0
Chlorobenzene	Ave	0.7015	0.6699		9.55	10.0	-4.5	30.0
Ethylbenzene	Ave	1.122	1.092		9.73	10.0	-2.7	30.0
n-Nonane	Ave	0.4332	0.4208		9.71	10.0	-2.9	30.0
m,p-Xylene	Ave	0.4353	0.4282		19.7	20.0	-1.6	30.0
Xylene, o-	Ave	0.4339	0.4252		9.80	10.0	-2.0	30.0
Styrene	Ave	0.6444	0.6586		10.2	10.0	2.2	30.0
Bromoform	Ave	0.4474	0.4298		9.61	10.0	-3.9	30.0
Cumene	Ave	1.273	1.233		9.69	10.0	-3.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6546	0.6389		9.76	10.0	-2.4	30.0
n-Propylbenzene	Ave	1.512	1.473		9.74	10.0	-2.5	30.0
1,2,3-Trichloropropane	Ave	0.4817	0.4737		9.83	10.0	-1.7	30.0
n-Decane	Ave	0.5537	0.5402		9.75	10.0	-2.4	30.0
4-Ethyltoluene	Ave	1.334	1.282		9.61	10.0	-3.9	30.0
2-Chlorotoluene	Ave	1.225	1.168		9.54	10.0	-4.6	30.0
1,3,5-Trimethylbenzene	Ave	1.093	1.052		9.62	10.0	-3.8	30.0
tert-Butylbenzene	Ave	1.044	0.9835		9.41	10.0	-5.8	30.0
1,2,4-Trimethylbenzene	Ave	1.119	1.069		9.56	10.0	-4.4	30.0
sec-Butylbenzene	Ave	1.575	1.516		9.62	10.0	-3.8	30.0
4-Isopropyltoluene	Ave	1.320	1.256		9.51	10.0	-4.8	30.0
1,3-Dichlorobenzene	Ave	0.7681	0.7060		9.19	10.0	-8.1	30.0
1,4-Dichlorobenzene	Ave	0.7810	0.7129		9.13	10.0	-8.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5588/26 Calibration Date: 08/24/2010 16:43

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtj002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.9810	0.7447		7.59	10.0	-24.1	30.0
n-Undecane	Ave	0.5980	0.5991		10.0	10.0	0.2	30.0
n-Butylbenzene	Ave	1.242	1.191		9.59	10.0	-4.1	30.0
1,2-Dichlorobenzene	Ave	0.7345	0.6707		9.13	10.0	-8.7	30.0
n-Dodecane	Ave	0.5870	0.5510		9.38	10.0	-6.1	30.0
1,2,4-Trichlorobenzene	Ave	0.5711	0.4830		8.45	10.0	-15.4	30.0
Hexachlorobutadiene	Ave	0.4086	0.3360		8.22	10.0	-17.8	30.0
Naphthalene	Ave	1.329	1.176		8.85	10.0	-11.5	30.0
1,2,3-Trichlorobenzene	Ave	0.5011	0.4163		8.31	10.0	-16.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj002.d
Lab Smp Id: ccvis 038951 Client Smp ID: ccvis 038951
Inj Date : 24-AUG-2010 16:43
Operator : wrd Inst ID: F.i
Smp Info : ccvis 038951
Misc Info : 200,1,ccv
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 11:37 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	199820	10.0000	9.3
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	1049846	10.0000	10
3 Chlorodifluoromethane	51	3.247	3.253	(0.339)	484203	10.0000	9.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	1091819	10.0000	10
5 Chloromethane	50	3.568	3.574	(0.373)	277357	10.0000	9.3
6 Butane	43	3.750	3.756	(0.392)	459401	10.0000	9.3
7 Vinyl chloride	62	3.788	3.793	(0.396)	364160	10.0000	9.8
8 1,3-Butadiene	54	3.857	3.863	(0.403)	264405	10.0000	9.7
9 Bromomethane	94	4.537	4.542	(0.474)	429463	10.0000	9.6
10 Chloroethane	64	4.756	4.761	(0.497)	209601	10.0000	9.6
11 2-Methylbutane	43	4.836	4.842	(0.505)	375149	10.0000	8.9
12 Vinyl bromide	106	5.146	5.152	(0.538)	421530	10.0000	9.7
13 Trichlorofluoromethane	101	5.243	5.243	(0.548)	1165230	10.0000	9.2
14 Pentane	43	5.371	5.377	(0.561)	543433	10.0000	9.5

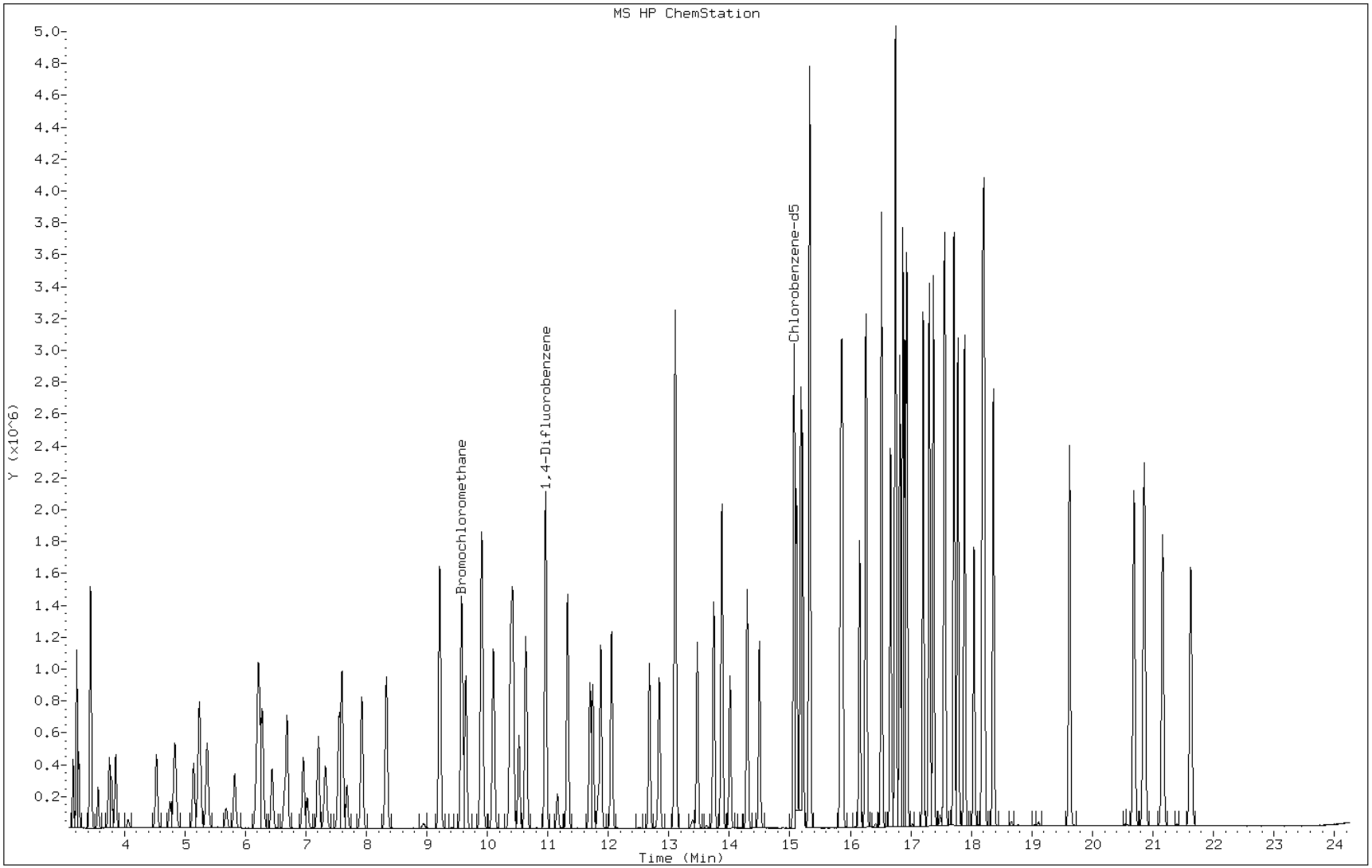
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	195128	15.0000	14
	16 Ethyl ether	59	5.826	5.831	(0.609)	306572	10.0000	9.3
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.216	6.227	(0.650)	910334	10.0000	9.7
	18 Acrolein	56	6.174	6.179	(0.645)	147300	10.0000	9.2
	19 1,1-Dichloroethene	96	6.286	6.291	(0.657)	444319	10.0000	9.9
	20 Acetone	43	6.441	6.446	(0.673)	639216	10.0000	10
	21 Carbon disulfide	76	6.693	6.698	(0.699)	1365000	10.0000	9.7
	22 Isopropanol	45	6.650	6.655	(0.695)	403253	10.0000	9.3
	23 Allyl chloride	41	6.960	6.965	(0.727)	382258	10.0000	8.6
	24 Acetonitrile	41	7.024	7.035	(0.734)	263446	10.0000	10
	25 Methylene chloride	49	7.206	7.211	(0.753)	384391	10.0000	9.0
	26 Tert-butyl alcohol	59	7.318	7.329	(0.765)	775034	10.0000	9.9
	27 Methyl tert-butyl ether	73	7.554	7.565	(0.789)	1330298	10.0000	9.4
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	629765	10.0000	9.3
	29 Acrylonitrile	53	7.682	7.688	(0.803)	271429	10.0000	9.3
	30 n-Hexane	57	7.928	7.934	(0.828)	635026	10.0000	9.4
	31 1,1-Dichloroethane	63	8.324	8.335	(0.870)	768723	10.0000	9.5
	32 Vinyl acetate	43	8.340	8.346	(0.871)	867706	10.0000	9.6
M	33 1,2-Dichloroethene,Total	61				1134360	20.0000	20
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.963)	504595	10.0000	10
	35 Ethyl acetate	88	9.228	9.228	(0.964)	44692	10.0000	11
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	229633	10.0000	9.9(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	478642	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	350848	10.0000	9.5
	39 Chloroform	83	9.646	9.651	(1.008)	1012412	10.0000	9.4
	40 Cyclohexane	84	9.913	9.918	(0.904)	666622	10.0000	9.8
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	1040103	10.0000	9.1
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	1013908	10.0000	9.3
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1925273	10.0000	9.3
	44 Benzene	78	10.427	10.432	(0.951)	1438188	10.0000	9.0
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	613426	10.0000	9.0
	46 n-Heptane	43	10.635	10.641	(0.970)	605519	10.0000	9.1
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2373214	10.0000	
	48 n-Butanol	56	11.160	11.165	(1.018)	172682	10.0000	8.4
	49 Trichloroethene	95	11.325	11.331	(1.033)	660775	10.0000	9.5
	50 1,2-Dichloropropane	63	11.695	11.700	(1.066)	464959	10.0000	9.3
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	483475	10.0000	9.8
	52 Dibromomethane	174	11.876	11.887	(1.083)	521166	10.0000	9.8
	53 1,4-Dioxane	88	11.834	11.839	(1.079)	205892	10.0000	9.9
	54 Bromodichloromethane	83	12.053	12.058	(1.099)	1102833	10.0000	9.9
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.156)	811386	10.0000	9.4
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	768971	10.0000	9.3
	57 n-Octane	43	13.101	13.107	(1.195)	813893	10.0000	9.2
	58 Toluene	92	13.112	13.118	(0.870)	1086351	10.0000	10
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.228)	864228	10.0000	9.1
	60 1,1,2-Trichloroethane	83	13.738	13.749	(0.912)	531805	10.0000	9.9
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	805785	10.0000	9.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.011	14.022	(0.930)	747310	10.0000	9.9
63	Dibromochloromethane	129	14.294	14.300	(0.949)	1056418	10.0000	10
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	1027900	10.0000	10
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2205171	10.0000	
66	Chlorobenzene	112	15.108	15.113	(1.002)	1477045	10.0000	9.5
67	n-Nonane	57	15.209	15.215	(1.009)	927708	10.0000	9.7
68	Ethylbenzene	91	15.183	15.188	(1.007)	2406963	10.0000	9.7
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1887929	20.0000	20
M 70	Xylenes, Total	106				2825330	10.0000	29
71	Xylene (o)	106	15.846	15.846	(1.051)	937401	10.0000	9.8
72	Styrene	104	15.867	15.873	(1.053)	1452078	10.0000	10
73	Bromoform	173	16.156	16.162	(1.072)	947584	10.0000	9.6
74	Isopropylbenzene	105	16.258	16.263	(1.079)	2718958	10.0000	9.7
75	1,1,2,2-Tetrachloroethane	83	16.664	16.670	(1.106)	1408614	10.0000	9.8
76	n-Propylbenzene	91	16.739	16.745	(1.111)	3248323	10.0000	9.7
77	1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1044319	10.0000	9.8
78	n-Decane	57	16.814	16.820	(1.116)	1191038	10.0000	9.8
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2826602	10.0000	9.6
80	2-Chlorotoluene	91	16.900	16.905	(1.121)	2576067	10.0000	9.5
81	1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	2318992	10.0000	9.6
82	Alpha Methyl Styrene	118	17.199	17.205	(1.141)	1181987	10.0000	10
83	tert-butylbenzene	119	17.306	17.306	(1.148)	2168339	10.0000	9.4
84	1,2,4-Trimethylbenzene	105	17.371	17.376	(1.153)	2357267	10.0000	9.6
85	sec-Butylbenzene	105	17.558	17.563	(1.165)	3342377	10.0000	9.6
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	2768785	10.0000	9.5
87	1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1556594	10.0000	9.2
88	1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1571698	10.0000	9.1
89	Benzyl chloride	91	18.039	18.045	(1.197)	1641894	10.0000	7.6
90	Undecane	57	18.184	18.189	(1.207)	1320763	10.0000	10
91	n-Butylbenzene	91	18.210	18.216	(1.208)	2626750	10.0000	9.6
92	1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1478603	10.0000	9.1
93	Dodecane	57	19.623	19.628	(1.302)	1214717	10.0000	9.4
94	1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	1064825	10.0000	8.5
95	1,3-Hexachlorobutadiene	225	20.859	20.869	(1.384)	740867	10.0000	8.2
96	Naphthalene	128	21.158	21.169	(1.404)	2593591	10.0000	8.8
97	1,2,3-Trichlorobenzene	180	21.624	21.634	(1.435)	917801	10.0000	8.3

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtj002.d	Date:	24-AUG-2010 16:43
Client ID:	ccvis 038951	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 038951		
Lab Sample ID:	ccvis 038951		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5661/2 Calibration Date: 08/25/2010 15:36

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtk002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4479	0.3734		8.34	10.0	-16.6	30.0
Dichlorodifluoromethane	Ave	2.147	2.006		9.34	10.0	-6.6	30.0
Freon 22	Ave	1.086	0.9255		8.52	10.0	-14.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.241	2.101		9.37	10.0	-6.2	30.0
Chloromethane	Ave	0.6225	0.5209		8.37	10.0	-16.3	30.0
n-Butane	Ave	1.031	0.8905		8.63	10.0	-13.6	30.0
Vinyl chloride	Ave	0.7737	0.7202		9.31	10.0	-6.9	30.0
1,3-Butadiene	Ave	0.5708	0.5178		9.07	10.0	-9.3	30.0
Bromomethane	Ave	0.9326	0.8493		9.11	10.0	-8.9	30.0
Chloroethane	Ave	0.4539	0.4035		8.89	10.0	-11.1	30.0
Isopentane	Ave	0.8819	0.7240		8.21	10.0	-17.9	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9083	0.8597		9.46	10.0	-5.4	30.0
Trichlorofluoromethane	Ave	2.637	2.342		8.88	10.0	-11.2	30.0
n-Pentane	Ave	1.193	1.053		8.83	10.0	-11.7	30.0
Ethanol	Ave	0.2974	0.2524		12.7	15.0	-15.2	30.0
Ethyl ether	Ave	0.6878	0.6138		8.92	10.0	-10.7	30.0
Acrolein	Ave	0.3356	0.2953		8.80	10.0	-12.0	30.0
Freon TF	Ave	1.958	1.879		9.60	10.0	-4.0	30.0
1,1-Dichloroethene	Ave	0.9389	0.9358		9.97	10.0	-0.3	30.0
Acetone	Ave	1.272	1.263		9.93	10.0	-0.7	30.0
Isopropyl alcohol	Ave	0.9047	0.7936		8.77	10.0	-12.3	30.0
Carbon disulfide	Ave	2.942	2.754		9.36	10.0	-6.4	30.0
3-Chloropropene	Ave	0.9329	0.7574		8.12	10.0	-18.8	30.0
Acetonitrile	Ave	0.5302	0.5112		9.64	10.0	-3.6	30.0
Methylene Chloride	Ave	0.8906	0.7583		8.51	10.0	-14.9	30.0
tert-Butyl alcohol	Ave	1.638	1.571		9.58	10.0	-4.1	30.0
Methyl tert-butyl ether	Ave	2.953	2.741		9.28	10.0	-7.2	30.0
trans-1,2-Dichloroethene	Ave	1.408	1.269		9.01	10.0	-9.8	30.0
n-Hexane	Ave	1.414	1.276		9.02	10.0	-9.8	30.0
1,1-Dichloroethane	Ave	1.698	1.549		9.12	10.0	-8.8	30.0
Vinyl acetate	Ave	1.880	1.713		9.11	10.0	-8.9	30.0
cis-1,2-Dichloroethene	Ave	1.022	1.039		10.2	10.0	1.7	30.0
Methyl Ethyl Ketone	Ave	0.4842	0.4655		9.61	10.0	-3.9	30.0
Ethyl acetate	Ave	0.0871	0.0936		10.7	10.0	7.4	30.0
Tetrahydrofuran	Ave	0.1549	0.1419		9.16	10.0	-8.4	30.0
Chloroform	Ave	2.252	2.070		9.19	10.0	-8.1	30.0
1,1,1-Trichloroethane	Ave	0.4804	0.4393		9.14	10.0	-8.6	30.0
Cyclohexane	Ave	0.2877	0.2768		9.62	10.0	-3.8	30.0
Carbon tetrachloride	Ave	0.4590	0.4301		9.37	10.0	-6.3	30.0
2,2,4-Trimethylpentane	Ave	0.8701	0.7867		9.04	10.0	-9.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5661/2 Calibration Date: 08/25/2010 15:36

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtk002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6765	0.5916		8.74	10.0	-12.5	30.0
1,2-Dichloroethane	Ave	0.2874	0.2499		8.69	10.0	-13.0	30.0
n-Heptane	Ave	0.2802	0.2438		8.70	10.0	-13.0	30.0
Trichloroethene	Ave	0.2931	0.2756		9.40	10.0	-6.0	30.0
1,2-Dichloropropane	Ave	0.2110	0.1910		9.05	10.0	-9.5	30.0
Methyl methacrylate	Ave	0.2085	0.1992		9.55	10.0	-4.5	30.0
1,4-Dioxane	Ave	0.0873	0.0851		9.75	10.0	-2.5	30.0
Dibromomethane	Ave	0.2241	0.2221		9.91	10.0	-0.9	30.0
Bromodichloromethane	Ave	0.4685	0.4547		9.70	10.0	-3.0	30.0
cis-1,3-Dichloropropene	Ave	0.3636	0.3383		9.30	10.0	-7.0	30.0
methyl isobutyl ketone	Ave	0.3475	0.3108		8.94	10.0	-10.6	30.0
n-Octane	Ave	0.3745	0.3275		8.74	10.0	-12.6	30.0
Toluene	Ave	0.4936	0.4945		10.0	10.0	0.2	30.0
trans-1,3-Dichloropropene	Ave	0.3994	0.3578		8.95	10.0	-10.4	30.0
1,1,2-Trichloroethane	Ave	0.2424	0.2404		9.92	10.0	-0.8	30.0
Tetrachloroethene	Ave	0.3941	0.3774		9.57	10.0	-4.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3426	0.3320		9.69	10.0	-3.1	30.0
Dibromochloromethane	Ave	0.4814	0.4892		10.2	10.0	1.6	30.0
1,2-Dibromoethane	Ave	0.4598	0.4690		10.2	10.0	2.0	30.0
Chlorobenzene	Ave	0.7015	0.6762		9.64	10.0	-3.6	30.0
Ethylbenzene	Ave	1.122	1.092		9.73	10.0	-2.7	30.0
n-Nonane	Ave	0.4332	0.4146		9.57	10.0	-4.3	30.0
m,p-Xylene	Ave	0.4353	0.4299		19.7	20.0	-1.2	30.0
Xylene, o-	Ave	0.4339	0.4288		9.88	10.0	-1.2	30.0
Styrene	Ave	0.6444	0.6675		10.4	10.0	3.6	30.0
Bromoform	Ave	0.4474	0.4288		9.58	10.0	-4.2	30.0
Cumene	Ave	1.273	1.237		9.72	10.0	-2.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6546	0.6221		9.50	10.0	-5.0	30.0
n-Propylbenzene	Ave	1.512	1.430		9.46	10.0	-5.4	30.0
1,2,3-Trichloropropane	Ave	0.4817	0.4609		9.57	10.0	-4.3	30.0
n-Decane	Ave	0.5537	0.5232		9.45	10.0	-5.5	30.0
4-Ethyltoluene	Ave	1.334	1.233		9.24	10.0	-7.5	30.0
2-Chlorotoluene	Ave	1.225	1.127		9.20	10.0	-7.9	30.0
1,3,5-Trimethylbenzene	Ave	1.093	1.011		9.25	10.0	-7.5	30.0
tert-Butylbenzene	Ave	1.044	0.9441		9.04	10.0	-9.6	30.0
1,2,4-Trimethylbenzene	Ave	1.119	1.021		9.12	10.0	-8.7	30.0
sec-Butylbenzene	Ave	1.575	1.421		9.02	10.0	-9.8	30.0
4-Isopropyltoluene	Ave	1.320	1.170		8.86	10.0	-11.4	30.0
1,3-Dichlorobenzene	Ave	0.7681	0.6537		8.51	10.0	-14.9	30.0
1,4-Dichlorobenzene	Ave	0.7810	0.6655		8.52	10.0	-14.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5661/2 Calibration Date: 08/25/2010 15:36

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtk002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.9810	0.7224		7.36	10.0	-26.4	30.0
n-Undecane	Ave	0.5980	0.5773		9.65	10.0	-3.5	30.0
n-Butylbenzene	Ave	1.242	1.136		9.14	10.0	-8.6	30.0
1,2-Dichlorobenzene	Ave	0.7345	0.6113		8.32	10.0	-16.8	30.0
n-Dodecane	Ave	0.5870	0.5226		8.90	10.0	-11.0	30.0
1,2,4-Trichlorobenzene	Ave	0.5711	0.4542		7.95	10.0	-20.5	30.0
Hexachlorobutadiene	Ave	0.4086	0.3098		7.58	10.0	-24.2	30.0
Naphthalene	Ave	1.329	1.116		8.39	10.0	-16.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5011	0.3813		7.61	10.0	-23.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk002.d
Lab Smp Id: ccvis 038951 Client Smp ID: ccvis 038951
Inj Date : 25-AUG-2010 15:36
Operator : wrd Inst ID: F.i
Smp Info : ccvis 038951
Misc Info : 200,1,ccv
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 09:29 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	3.156	3.156	(0.330)	188947	10.0000	8.3
2	Dichlorodifluoromethane	85	3.215	3.221	(0.336)	1015098	10.0000	9.3
3	Chlorodifluoromethane	51	3.253	3.253	(0.340)	468351	10.0000	8.5
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	1063215	10.0000	9.4
5	Chloromethane	50	3.568	3.574	(0.373)	263586	10.0000	8.4
6	Butane	43	3.750	3.756	(0.392)	450628	10.0000	8.6
7	Vinyl chloride	62	3.788	3.793	(0.396)	364472	10.0000	9.3
8	1,3-Butadiene	54	3.857	3.863	(0.403)	262051	10.0000	9.1
9	Bromomethane	94	4.531	4.542	(0.473)	429785	10.0000	9.1
10	Chloroethane	64	4.756	4.761	(0.497)	204190	10.0000	8.9
11	2-Methylbutane	43	4.836	4.842	(0.505)	366365	10.0000	8.2
12	Vinyl bromide	106	5.146	5.152	(0.538)	435024	10.0000	9.5
13	Trichlorofluoromethane	101	5.243	5.243	(0.548)	1185055	10.0000	8.9
14	Pentane	43	5.371	5.377	(0.561)	533066	10.0000	8.8

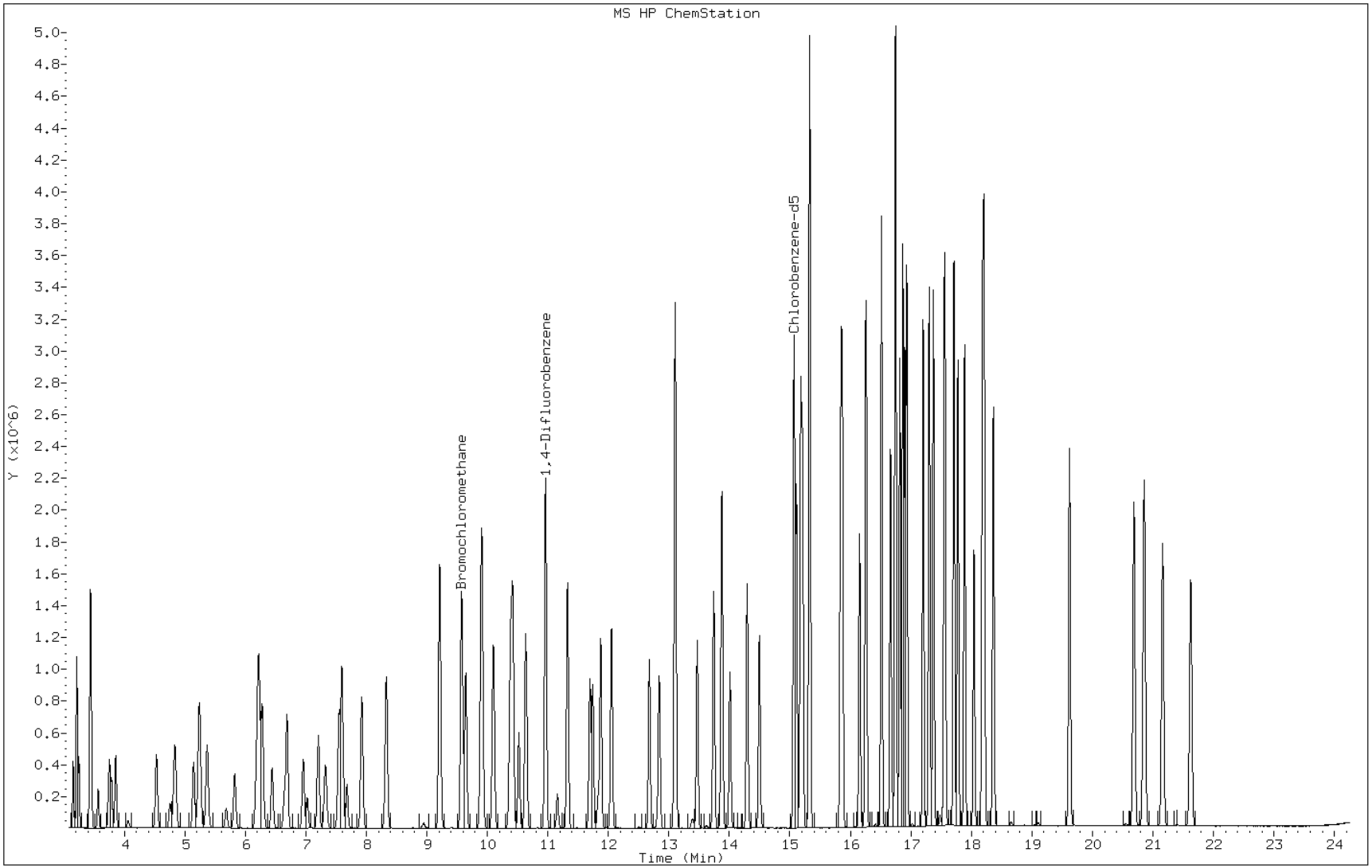
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	191632	15.0000	13
	16 Ethyl ether	59	5.826	5.831	(0.609)	310630	10.0000	8.9
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.216	6.227	(0.650)	950781	10.0000	9.6
	18 Acrolein	56	6.174	6.179	(0.645)	149442	10.0000	8.8
	19 1,1-Dichloroethene	96	6.281	6.291	(0.656)	473546	10.0000	10
	20 Acetone	43	6.441	6.446	(0.673)	639225	10.0000	9.9
	21 Carbon disulfide	76	6.693	6.698	(0.699)	1393808	10.0000	9.4
	22 Isopropanol	45	6.650	6.655	(0.695)	401583	10.0000	8.8
	23 Allyl chloride	41	6.955	6.965	(0.727)	383287	10.0000	8.1
	24 Acetonitrile	41	7.024	7.035	(0.734)	258685	10.0000	9.6
	25 Methylene chloride	49	7.206	7.211	(0.753)	383747	10.0000	8.5
	26 Tert-butyl alcohol	59	7.324	7.329	(0.765)	794832	10.0000	9.6
	27 Methyl tert-butyl ether	73	7.554	7.565	(0.789)	1387016	10.0000	9.3
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	642366	10.0000	9.0
	29 Acrylonitrile	53	7.677	7.688	(0.802)	274839	10.0000	8.9
	30 n-Hexane	57	7.928	7.934	(0.828)	645537	10.0000	9.0
	31 1,1-Dichloroethane	63	8.324	8.335	(0.870)	783685	10.0000	9.1
	32 Vinyl acetate	43	8.340	8.346	(0.871)	866686	10.0000	9.1
M	33 1,2-Dichloroethene,Total	61				1167911	20.0000	19
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.963)	525545	10.0000	10
	35 Ethyl acetate	88	9.228	9.228	(0.964)	47346	10.0000	11(Q)
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	235570	10.0000	9.6(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	506144	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	353010	10.0000	9.2
	39 Chloroform	83	9.646	9.651	(1.008)	1047749	10.0000	9.2
	40 Cyclohexane	84	9.913	9.918	(0.904)	688478	10.0000	9.6
	41 1,1,1-Trichloroethane	97	9.897	9.902	(0.903)	1092799	10.0000	9.1
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	1069835	10.0000	9.4
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	1956707	10.0000	9.0
	44 Benzene	78	10.427	10.432	(0.951)	1471611	10.0000	8.7
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	621627	10.0000	8.7
	46 n-Heptane	43	10.635	10.641	(0.970)	606357	10.0000	8.7
*	47 1,4-Difluorobenzene	114	10.962	10.972	(1.000)	2487883	10.0000	
	48 n-Butanol	56	11.154	11.165	(1.018)	176177	10.0000	8.2
	49 Trichloroethene	95	11.325	11.331	(1.033)	685391	10.0000	9.4
	50 1,2-Dichloropropane	63	11.694	11.700	(1.067)	475038	10.0000	9.1
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	495362	10.0000	9.6
	52 Dibromomethane	174	11.876	11.887	(1.083)	552389	10.0000	9.9
	53 1,4-Dioxane	88	11.834	11.839	(1.080)	211750	10.0000	9.7
	54 Bromodichloromethane	83	12.053	12.058	(1.100)	1130953	10.0000	9.7
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.157)	841426	10.0000	9.3
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	773020	10.0000	8.9
	57 n-Octane	43	13.101	13.107	(1.195)	814595	10.0000	8.7
	58 Toluene	92	13.107	13.118	(0.870)	1119687	10.0000	10
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.229)	889860	10.0000	9.0
	60 1,1,2-Trichloroethane	83	13.738	13.749	(0.912)	544372	10.0000	9.9
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	854494	10.0000	9.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.011	14.022	(0.930)	751806	10.0000	9.7
63	Dibromochloromethane	129	14.294	14.300	(0.949)	1107726	10.0000	10
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	1061997	10.0000	10
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2264908	10.0000	
66	Chlorobenzene	112	15.108	15.113	(1.002)	1531265	10.0000	9.6
67	n-Nonane	57	15.209	15.215	(1.009)	938889	10.0000	9.6
68	Ethylbenzene	91	15.177	15.188	(1.007)	2473202	10.0000	9.7
69	Xylene (m,p)	106	15.327	15.332	(1.017)	1946937	20.0000	20
M 70	Xylenes, Total	106				2917826	10.0000	30
71	Xylene (o)	106	15.841	15.846	(1.051)	970889	10.0000	9.9
72	Styrene	104	15.867	15.873	(1.053)	1511513	10.0000	10
73	Bromoform	173	16.151	16.162	(1.072)	970910	10.0000	9.6
74	Isopropylbenzene	105	16.258	16.263	(1.079)	2802121	10.0000	9.7
75	1,1,2,2-Tetrachloroethane	83	16.664	16.670	(1.106)	1408764	10.0000	9.5
76	n-Propylbenzene	91	16.739	16.745	(1.111)	3238352	10.0000	9.5
77	1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1043596	10.0000	9.6
78	n-Decane	57	16.814	16.820	(1.116)	1184690	10.0000	9.4
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2792464	10.0000	9.2
80	2-Chlorotoluene	91	16.900	16.905	(1.121)	2552919	10.0000	9.2
81	1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	2290200	10.0000	9.2
82	Alpha Methyl Styrene	118	17.199	17.205	(1.141)	1154148	10.0000	9.7
83	tert-butylbenzene	119	17.301	17.306	(1.148)	2137915	10.0000	9.0
84	1,2,4-Trimethylbenzene	105	17.371	17.376	(1.153)	2311891	10.0000	9.1
85	sec-Butylbenzene	105	17.558	17.563	(1.165)	3216827	10.0000	9.0
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	2648635	10.0000	8.9
87	1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1480311	10.0000	8.5
88	1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1506996	10.0000	8.5
89	Benzyl chloride	91	18.039	18.045	(1.197)	1635908	10.0000	7.4
90	Undecane	57	18.184	18.189	(1.207)	1307253	10.0000	9.7
91	n-Butylbenzene	91	18.210	18.216	(1.208)	2571367	10.0000	9.1
92	1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1384276	10.0000	8.3
93	Dodecane	57	19.623	19.628	(1.302)	1183311	10.0000	8.9
94	1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	1028521	10.0000	8.0
95	1,3-Hexachlorobutadiene	225	20.859	20.869	(1.384)	701486	10.0000	7.6
96	Naphthalene	128	21.158	21.169	(1.404)	2526817	10.0000	8.4
97	1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	863538	10.0000	7.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtk002.d	Date:	25-AUG-2010 15:36
Client ID:	ccvis 038951	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 038951		
Lab Sample ID:	ccvis 038951		



TestAmerica Burlington

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-AUG-2010 16:52
Operator : sv Inst ID: F.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/bfbto15.m
Meth Date : 17-Jul-2010 10:30 njr Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

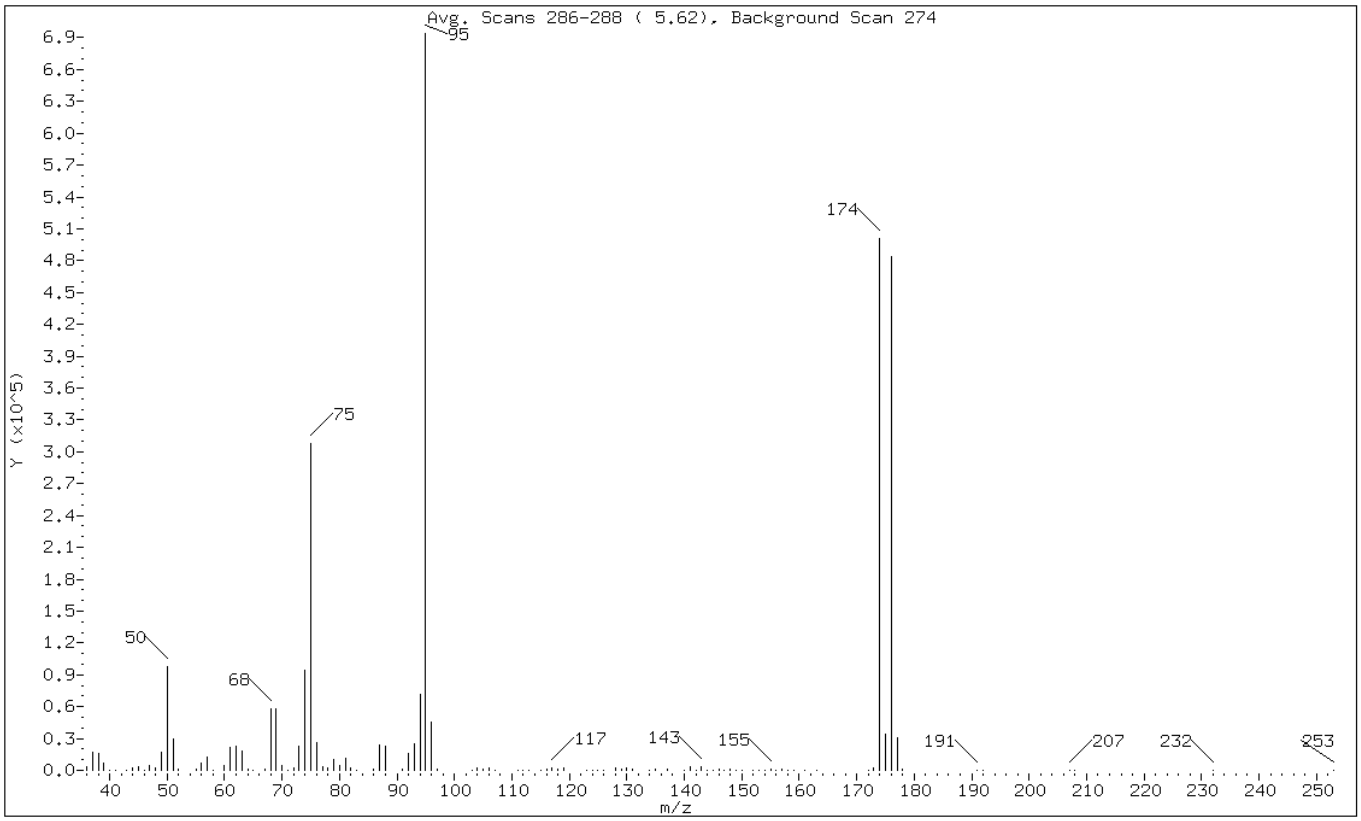
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.617	5.625	-0.008	95	693888			100.00- 100.00	100.00
5.617	5.625	-0.008	50	97705			8.00- 40.00	14.08
5.617	5.625	-0.008	75	307946			30.00- 66.00	44.38
5.617	5.625	-0.008	96	45883			5.00- 9.00	6.61
5.617	5.625	-0.008	173	2778			0.00- 2.00	0.55
5.617	5.625	-0.008	174	501013			50.00- 120.00	72.20
5.617	5.625	-0.008	175	34413			4.00- 9.00	6.87
5.617	5.625	-0.008	176	483456			93.00- 101.00	96.50
5.617	5.625	-0.008	177	30837			5.00- 9.00	6.38

Data File:	fdt001.d	Date:	12-AUG-2010 16:52
Client ID:	BFB	Instrument:	F.i
Operator:	sv	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.08
75	30.00 - 66.00% of mass 95	44.38
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.40 (0.55)
174	50.00 - 120.00% of mass 95	72.20
175	4.00 - 9.00% of mass 174	4.96 (6.87)
176	93.00 - 101.00% of mass 174	69.67 (96.50)
177	5.00 - 9.00% of mass 176	4.44 (6.38)

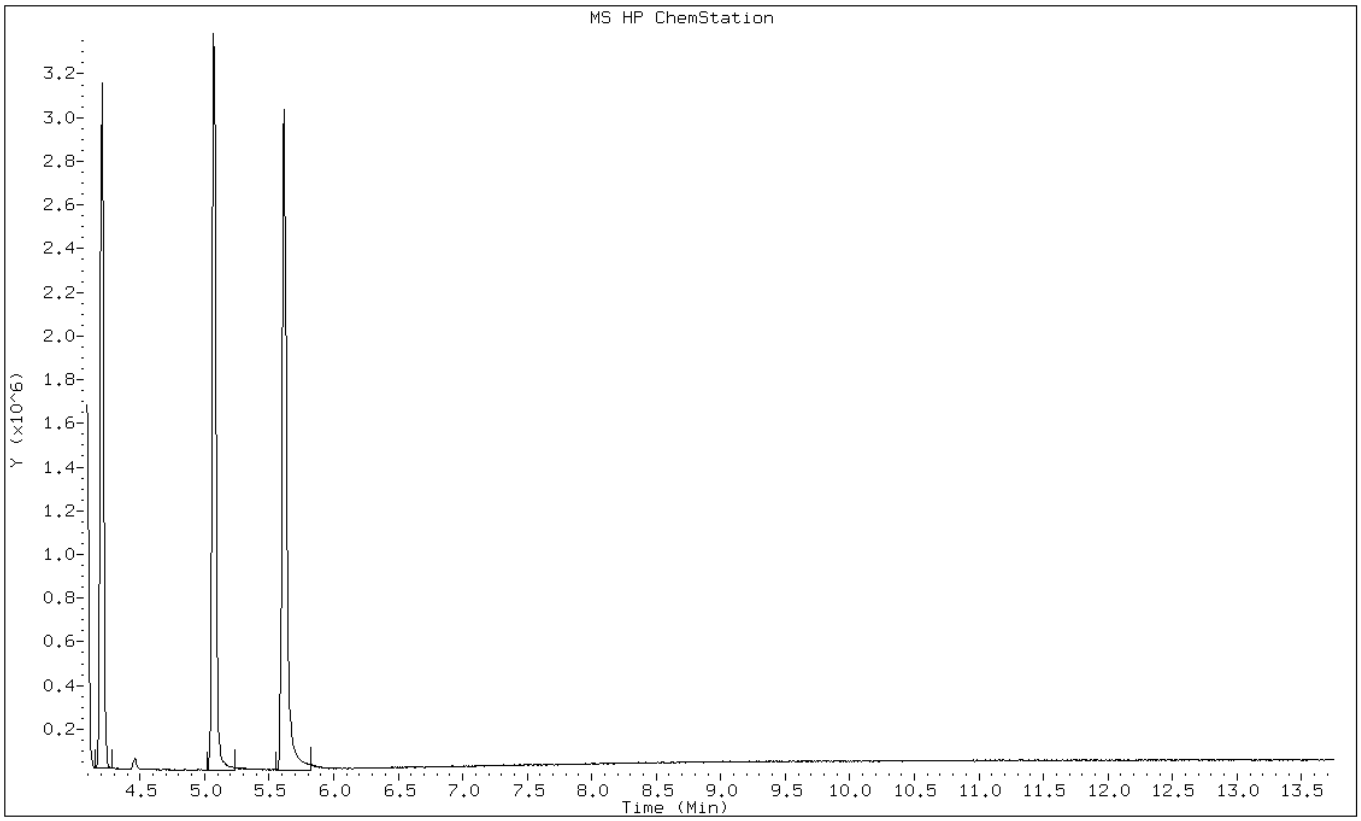
Data File: fdt001.d
Client ID: BFB
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-AUG-2010 16:52
Instrument: F.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/F.i/Fsvr.p/fdtto15.b/fdt001.d
Spectrum: Avg. Scans 286-288 (5.62), Background Scan 274
Location of Maximum: 95.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3008	69.00	58216	106.00	1860	147.00	547
37.00	17544	70.00	4529	107.00	551	148.00	1255
38.00	16374	71.00	245	111.00	283	149.00	467
39.00	6721	72.00	2709	112.00	281	150.00	483
40.00	86	73.00	23192	113.00	301	152.00	268
41.00	145	74.00	94256	115.00	394	153.00	470
43.00	282	75.00	307904	116.00	1540	154.00	329
44.00	1832	76.00	25936	117.00	2724	155.00	1283
45.00	3817	77.00	3750	118.00	1622	156.00	375
46.00	262	78.00	2173	119.00	2254	157.00	876
47.00	4963	79.00	10705	123.00	68	158.00	234
48.00	2278	80.00	4194	124.00	269	159.00	498
49.00	17264	81.00	10883	125.00	104	161.00	563
50.00	97704	82.00	2810	126.00	203	163.00	81
51.00	29840	83.00	183	128.00	1910	172.00	226
52.00	1214	86.00	662	129.00	975	173.00	2778
55.00	1218	87.00	24200	130.00	1933	174.00	500992
56.00	6527	88.00	22704	131.00	854	175.00	34408
57.00	12859	91.00	1630	134.00	168	176.00	483456
58.00	447	92.00	16099	135.00	663	177.00	30832
60.00	4037	93.00	25168	137.00	647	178.00	769
61.00	21968	94.00	71008	140.00	259	191.00	210
62.00	22352	95.00	693888	141.00	3583	192.00	90
63.00	17688	96.00	45880	142.00	537	207.00	239
64.00	1482	97.00	1361	143.00	3713	208.00	1
65.00	166	103.00	304	144.00	299	232.00	77
67.00	1123	104.00	2091	145.00	401	253.00	58
68.00	58480	105.00	799	146.00	830		

Data File:	fdt001.d	Date:	12-AUG-2010 16:52
Client ID:	BFB	Instrument:	F.i
Operator:	sv	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 24-AUG-2010 15:53
Operator : wrd Inst ID: F.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/bfbto15.m
Meth Date : 17-Jul-2010 10:30 njr Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

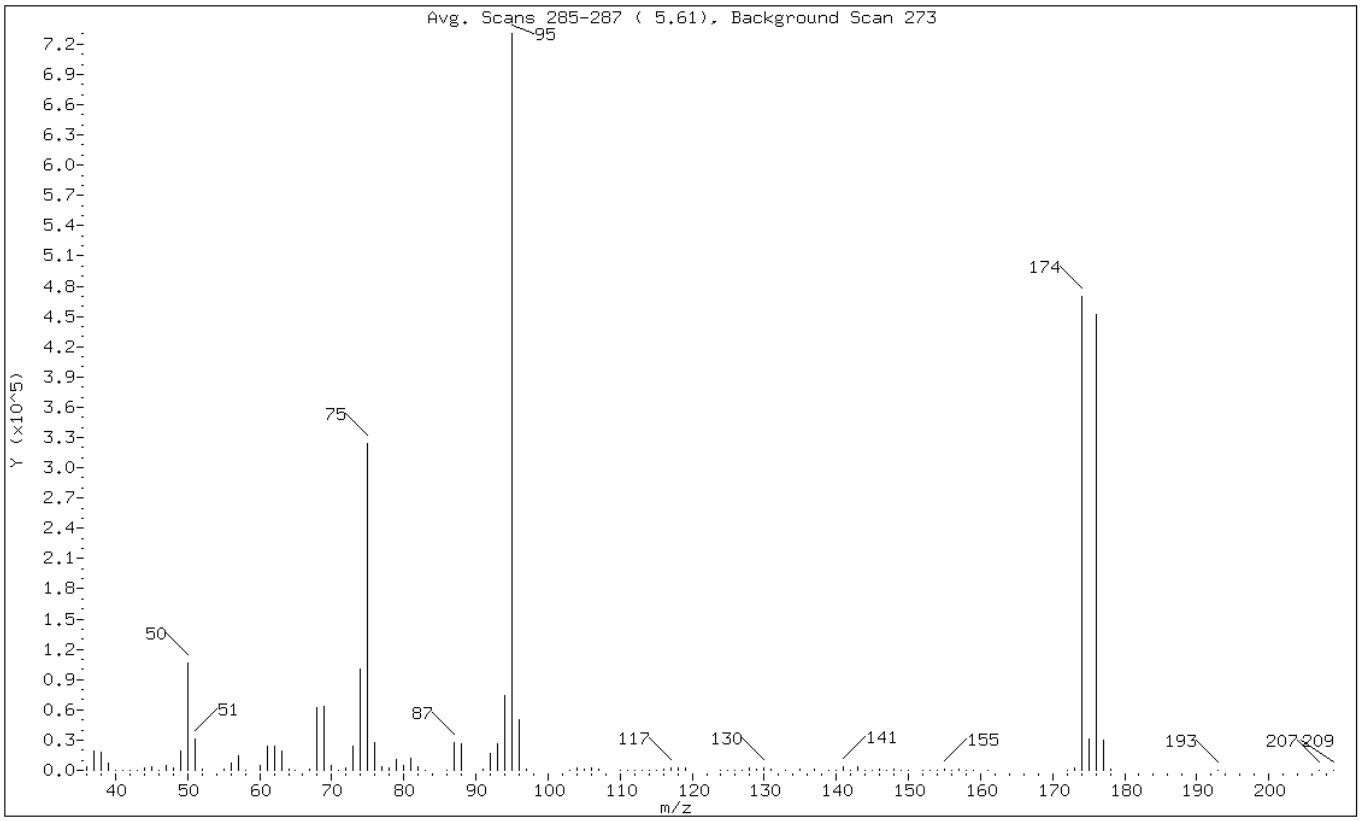
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.611	5.625	-0.014	95	730496			100.00- 100.00	100.00
5.611	5.625	-0.014	50	106473			8.00- 40.00	14.58
5.611	5.625	-0.014	75	323466			30.00- 66.00	44.28
5.611	5.625	-0.014	96	50183			5.00- 9.00	6.87
5.611	5.625	-0.014	173	2594			0.00- 2.00	0.55
5.611	5.625	-0.014	174	469461			50.00- 120.00	64.27
5.611	5.625	-0.014	175	31653			4.00- 9.00	6.74
5.611	5.625	-0.014	176	452053			93.00- 101.00	96.29
5.611	5.625	-0.014	177	29557			5.00- 9.00	6.54

Data File:	fdtj001.d	Date:	24-AUG-2010 15:53
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



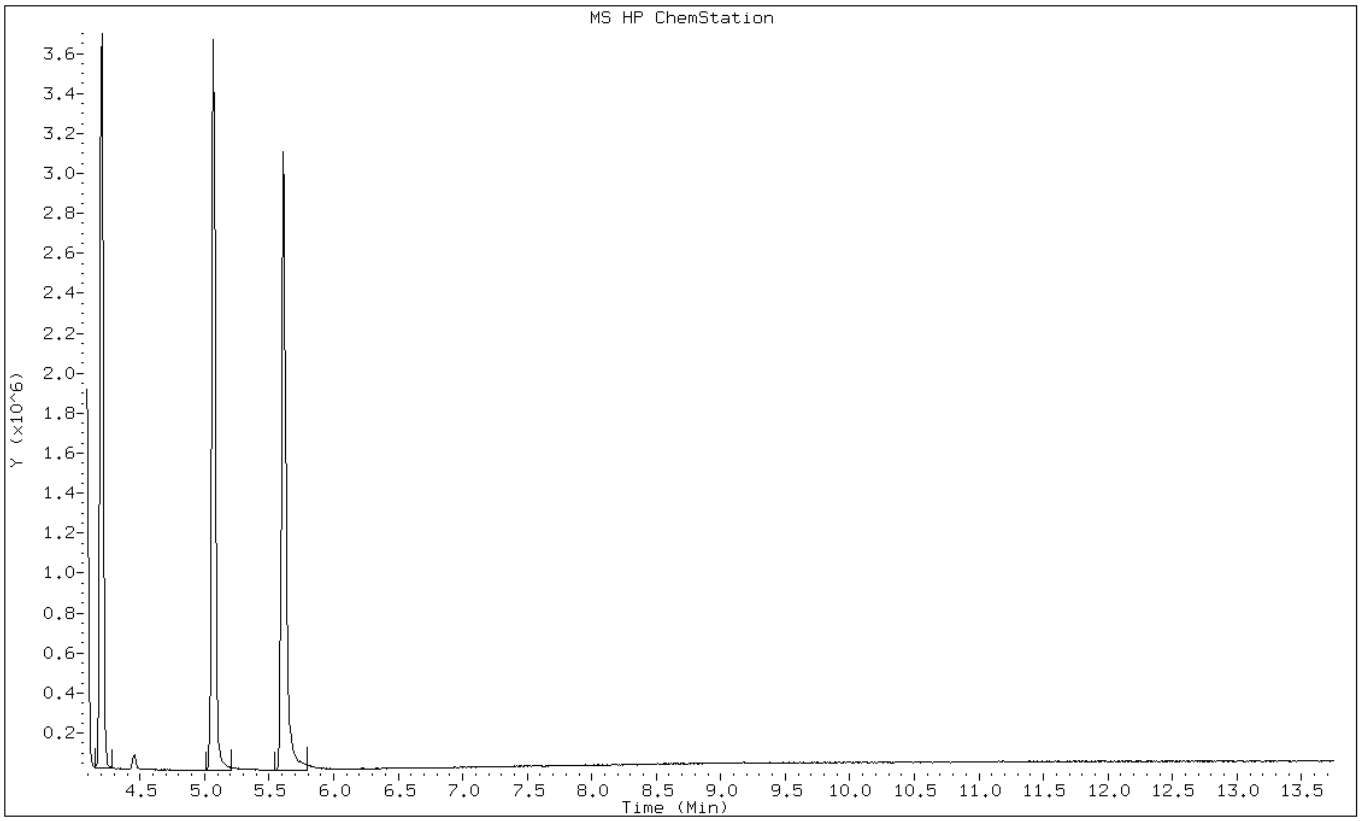
m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.58
75	30.00 - 66.00% of mass 95	44.28
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.36 (0.55)
174	50.00 - 120.00% of mass 95	64.27
175	4.00 - 9.00% of mass 174	4.33 (6.74)
176	93.00 - 101.00% of mass 174	61.88 (96.29)
177	5.00 - 9.00% of mass 176	4.05 (6.54)

Data File:	fdtj001.d	Date:	24-AUG-2010 15:53
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

Data File: /chem/F.i/Fsvr.p/fdtjto15.b/fdtj001.d
Spectrum: Avg. Scans 285-287 (5.61), Background Scan 273
Location of Maximum: 95.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3232	68.00	62528	105.00	844	143.00	3487
37.00	18872	69.00	63168	106.00	1850	144.00	139
38.00	17776	70.00	4749	107.00	612	145.00	296
39.00	7520	71.00	263	110.00	254	146.00	715
40.00	97	72.00	2827	111.00	325	147.00	495
41.00	78	73.00	24232	112.00	168	148.00	1214
42.00	152	74.00	100256	113.00	167	149.00	407
43.00	238	75.00	323456	114.00	71	150.00	443
44.00	1899	76.00	27080	115.00	533	152.00	290
45.00	4156	77.00	3390	116.00	1618	153.00	422
46.00	235	78.00	2002	117.00	2564	154.00	340
47.00	5380	79.00	10785	118.00	1829	155.00	1238
48.00	2447	80.00	4520	119.00	2409	156.00	300
49.00	18800	81.00	11688	124.00	274	157.00	900
50.00	106472	82.00	3236	125.00	74	158.00	69
51.00	31520	83.00	283	126.00	89	159.00	467
52.00	1241	86.00	531	127.00	176	161.00	541
55.00	1124	87.00	27472	128.00	1826	172.00	241
56.00	6910	88.00	26048	129.00	911	173.00	2594
57.00	14110	91.00	1521	130.00	1854	174.00	469440
58.00	575	92.00	16552	131.00	782	175.00	31648
60.00	4414	93.00	26248	133.00	29	176.00	452032
61.00	23576	94.00	74272	135.00	957	177.00	29552
62.00	23792	95.00	730496	137.00	663	178.00	859
63.00	18800	96.00	50176	139.00	73	193.00	246
64.00	1775	97.00	1536	140.00	263	207.00	191
65.00	275	103.00	338	141.00	3544	209.00	77
67.00	1335	104.00	2050	142.00	517		

Data File:	fdtj001.d	Date:	24-AUG-2010 15:53
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 25-AUG-2010 14:49
Operator : wrd Inst ID: F.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/bfbto15.m
Meth Date : 17-Jul-2010 10:30 njr Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

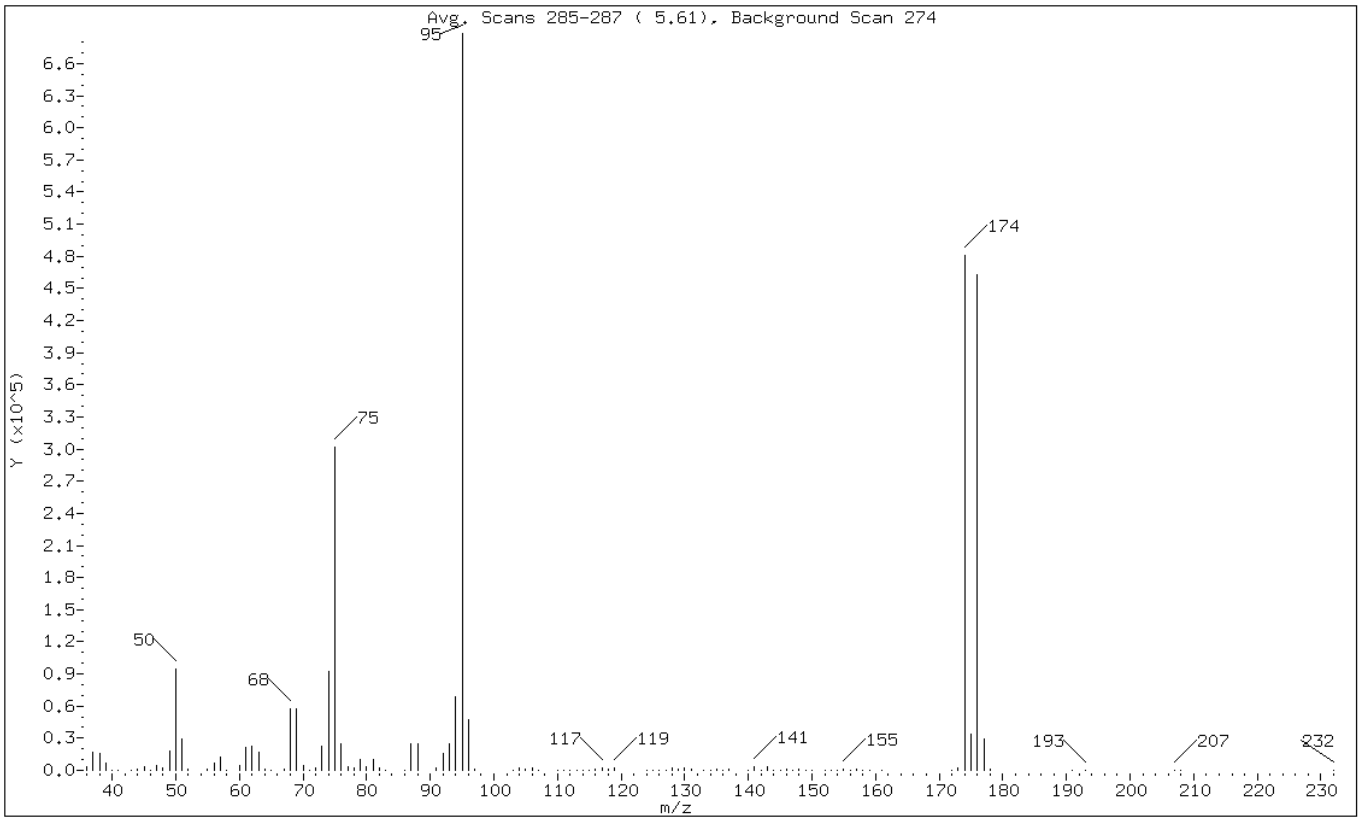
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.611	5.625	-0.014	95	688085			100.00- 100.00	100.00
5.611	5.625	-0.014	50	94413			8.00- 40.00	13.72
5.611	5.625	-0.014	75	302297			30.00- 66.00	43.93
5.611	5.625	-0.014	96	47601			5.00- 9.00	6.92
5.611	5.625	-0.014	173	2587			0.00- 2.00	0.54
5.611	5.625	-0.014	174	480832			50.00- 120.00	69.88
5.611	5.625	-0.014	175	33349			4.00- 9.00	6.94
5.611	5.625	-0.014	176	463104			93.00- 101.00	96.31
5.611	5.625	-0.014	177	29816			5.00- 9.00	6.44

Data File:	fdtk001.d	Date:	25-AUG-2010 14:49
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.72
75	30.00 - 66.00% of mass 95	43.93
96	5.00 - 9.00% of mass 95	6.92
173	Less than 2.00% of mass 174	0.38 (0.54)
174	50.00 - 120.00% of mass 95	69.88
175	4.00 - 9.00% of mass 174	4.85 (6.94)
176	93.00 - 101.00% of mass 174	67.30 (96.31)
177	5.00 - 9.00% of mass 176	4.33 (6.44)

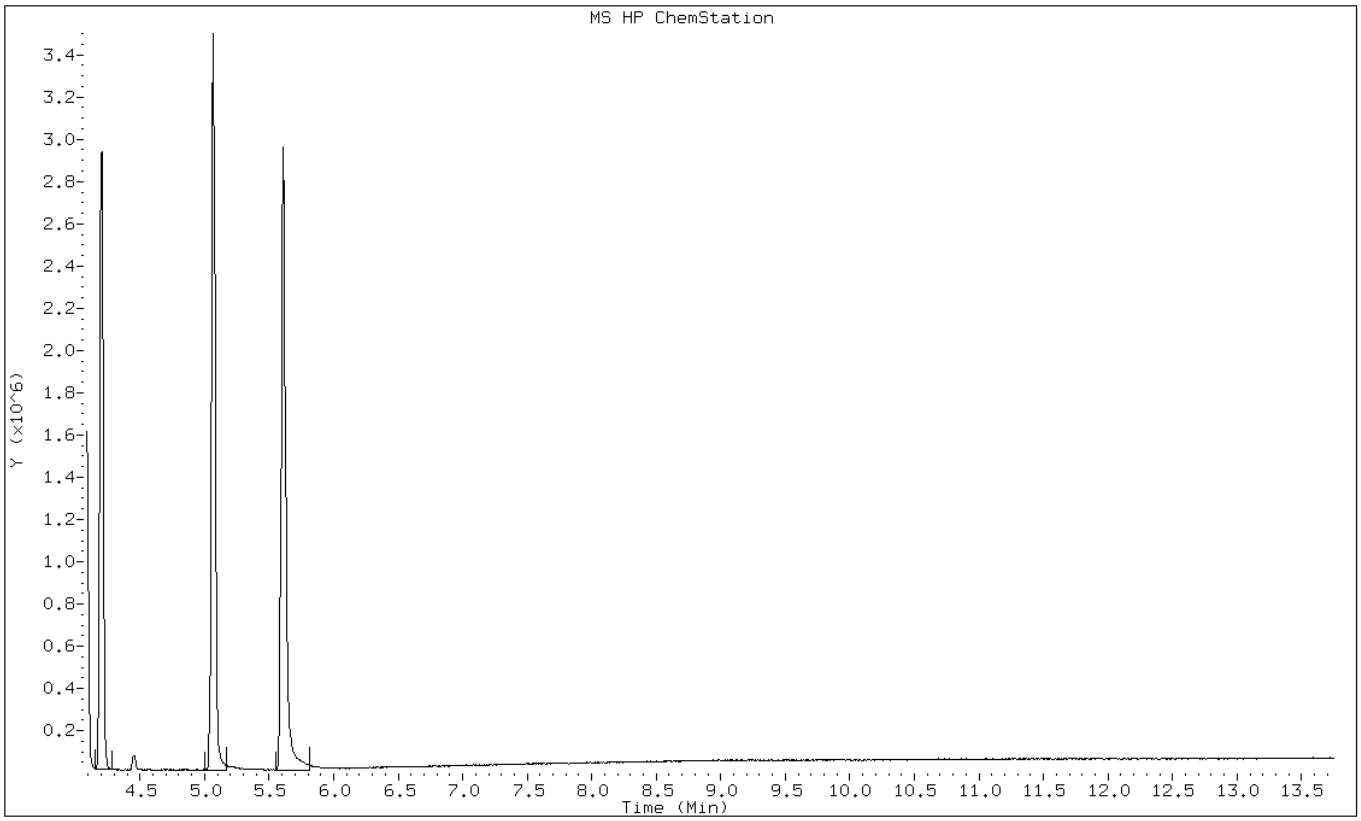
Data File: fdtk001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 25-AUG-2010 14:49
Instrument: F.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/F.i/Fsvr.p/fdtkto15.b/fdtk001.d
Spectrum: Avg. Scans 285-287 (5.61), Background Scan 274
Location of Maximum: 95.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2825	70.00	4612	110.00	169	146.00	668
37.00	16856	71.00	164	111.00	289	147.00	538
38.00	15739	72.00	2547	112.00	225	148.00	1307
39.00	6295	73.00	22960	113.00	300	149.00	415
40.00	34	74.00	92784	114.00	88	150.00	473
41.00	339	75.00	302272	115.00	547	152.00	196
43.00	186	76.00	25048	116.00	1582	153.00	479
44.00	1665	77.00	3070	117.00	2796	154.00	338
45.00	3800	78.00	2243	118.00	1547	155.00	1368
46.00	162	79.00	10083	119.00	2026	156.00	355
47.00	4508	80.00	3805	124.00	275	157.00	785
48.00	2252	81.00	10540	125.00	174	158.00	67
49.00	17760	82.00	2696	126.00	81	159.00	461
50.00	94408	83.00	187	127.00	343	161.00	507
51.00	29336	86.00	539	128.00	1913	172.00	254
52.00	1200	87.00	25040	129.00	847	173.00	2587
55.00	1144	88.00	24576	130.00	1994	174.00	480832
56.00	6380	91.00	1721	131.00	759	175.00	33344
57.00	12143	92.00	15841	133.00	262	176.00	463104
58.00	520	93.00	24312	134.00	196	177.00	29816
60.00	3970	94.00	68816	135.00	923	178.00	971
61.00	20904	95.00	688064	136.00	76	191.00	22
62.00	21968	96.00	47600	137.00	608	193.00	283
63.00	17192	97.00	1502	140.00	335	207.00	405
64.00	1517	103.00	138	141.00	3381	208.00	181
65.00	72	104.00	1879	142.00	423	232.00	69
67.00	1308	105.00	742	143.00	3364		
68.00	57568	106.00	1949	144.00	153		
69.00	57904	107.00	516	145.00	300		

Data File:	fdtk001.d	Date:	25-AUG-2010 14:49
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.20	U	0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	0.75	U	0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj004.d
Lab Smp Id: mb Client Smp ID: mb
Inj Date : 24-AUG-2010 18:25
Operator : wrd Inst ID: F.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/F.i/Fsvr.p/fdtito15.b/to15v5.m
Meth Date : 25-Aug-2010 11:00 klp Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

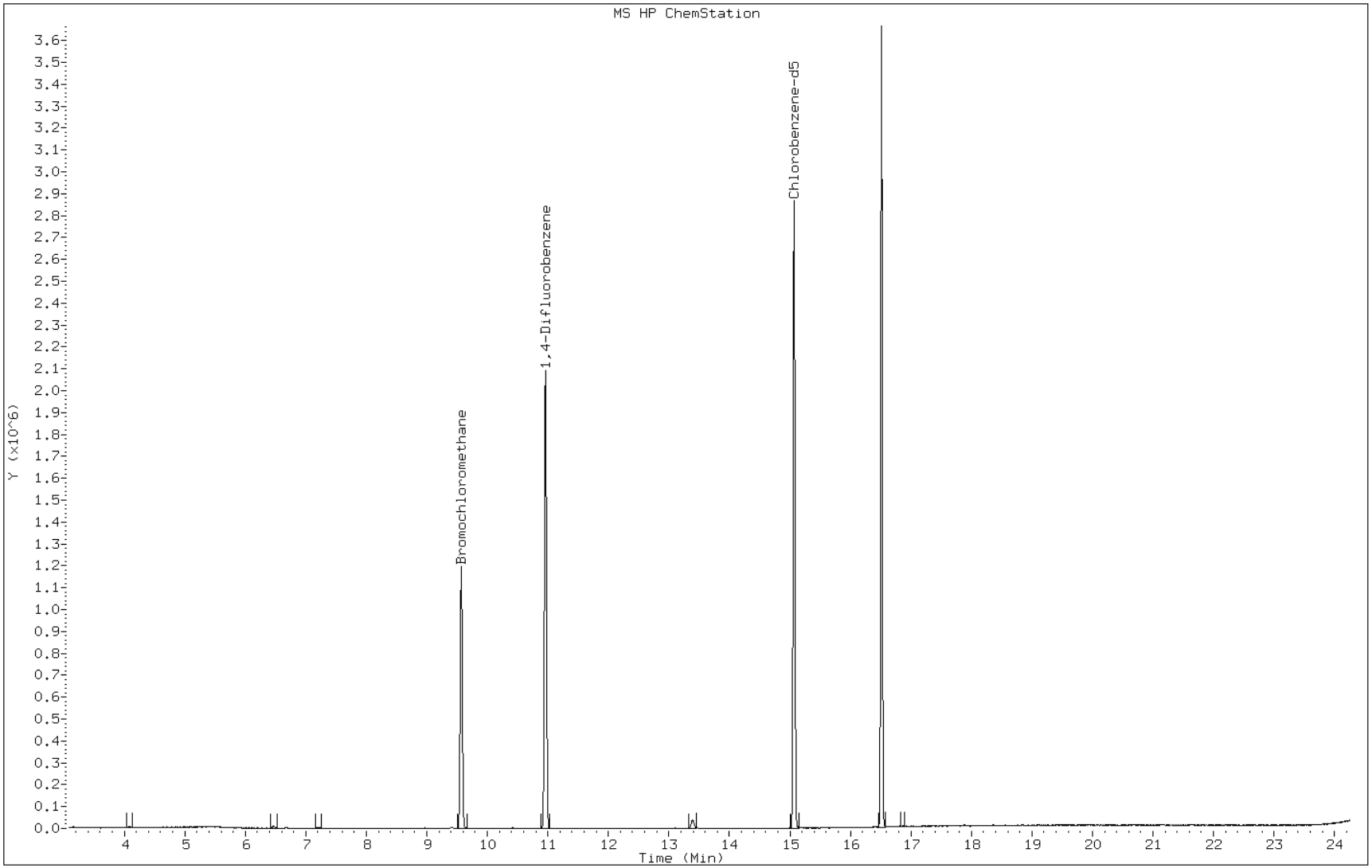
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.570	9.581	(1.000)	479821	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2352829	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62	2-Hexanone	43	Compound Not Detected.					
	63	Dibromochloromethane	129	Compound Not Detected.					
	64	1,2-Dibromoethane	107	Compound Not Detected.					
*	65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2148238	10.0000	
	66	Chlorobenzene	112	Compound Not Detected.					
	67	n-Nonane	57	Compound Not Detected.					
	68	Ethylbenzene	91	Compound Not Detected.					
	69	Xylene (m,p)	106	Compound Not Detected.					
M	70	Xylenes, Total	106	Compound Not Detected.					
	71	Xylene (o)	106	Compound Not Detected.					
	72	Styrene	104	Compound Not Detected.					
	73	Bromoform	173	Compound Not Detected.					
	74	Isopropylbenzene	105	Compound Not Detected.					
	75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76	n-Propylbenzene	91	Compound Not Detected.					
	77	1,2,3-Trichloropropane	75	Compound Not Detected.					
	78	n-Decane	57	Compound Not Detected.					
	79	4-Ethyltoluene	105	Compound Not Detected.					
	80	2-Chlorotoluene	91	Compound Not Detected.					
	81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82	Alpha Methyl Styrene	118	Compound Not Detected.					
	83	tert-butylbenzene	119	Compound Not Detected.					
	84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85	sec-Butylbenzene	105	Compound Not Detected.					
	86	4-Isopropyltoluene	119	Compound Not Detected.					
	87	1,3-Dichlorobenzene	146	Compound Not Detected.					
	88	1,4-Dichlorobenzene	146	Compound Not Detected.					
	89	Benzyl chloride	91	Compound Not Detected.					
	90	Undecane	57	Compound Not Detected.					
	91	n-Butylbenzene	91	Compound Not Detected.					
	92	1,2-Dichlorobenzene	146	Compound Not Detected.					
	93	Dodecane	57	Compound Not Detected.					
	94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96	Naphthalene	128	Compound Not Detected.					
	97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	199	1,1-Difluoroethane TIC	51	Compound Not Detected.					
	200	Chlorotrifluoroethene TIC	116	Compound Not Detected.					
	201	Pentafluoroethyl Chloride	85	Compound Not Detected.					
	202	22Dichloro111trifluoroethane	83	Compound Not Detected.					
	203	Acetic Acid Methyl Ester	43	Compound Not Detected.					
	204	Methylcyclohexane TIC	55	Compound Not Detected.					
	205	1,2Dibromom3chloropropane	75	Compound Not Detected.					

Data File:	fdtj004.d	Date:	24-AUG-2010 18:25
Client ID:	mb	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.20	U	0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	0.75	U	0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk004.d
Lab Smp Id: mb Client Smp ID: mb
Inj Date : 25-AUG-2010 17:17
Operator : wrd Inst ID: F.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 25-Aug-2010 11:00 klp Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

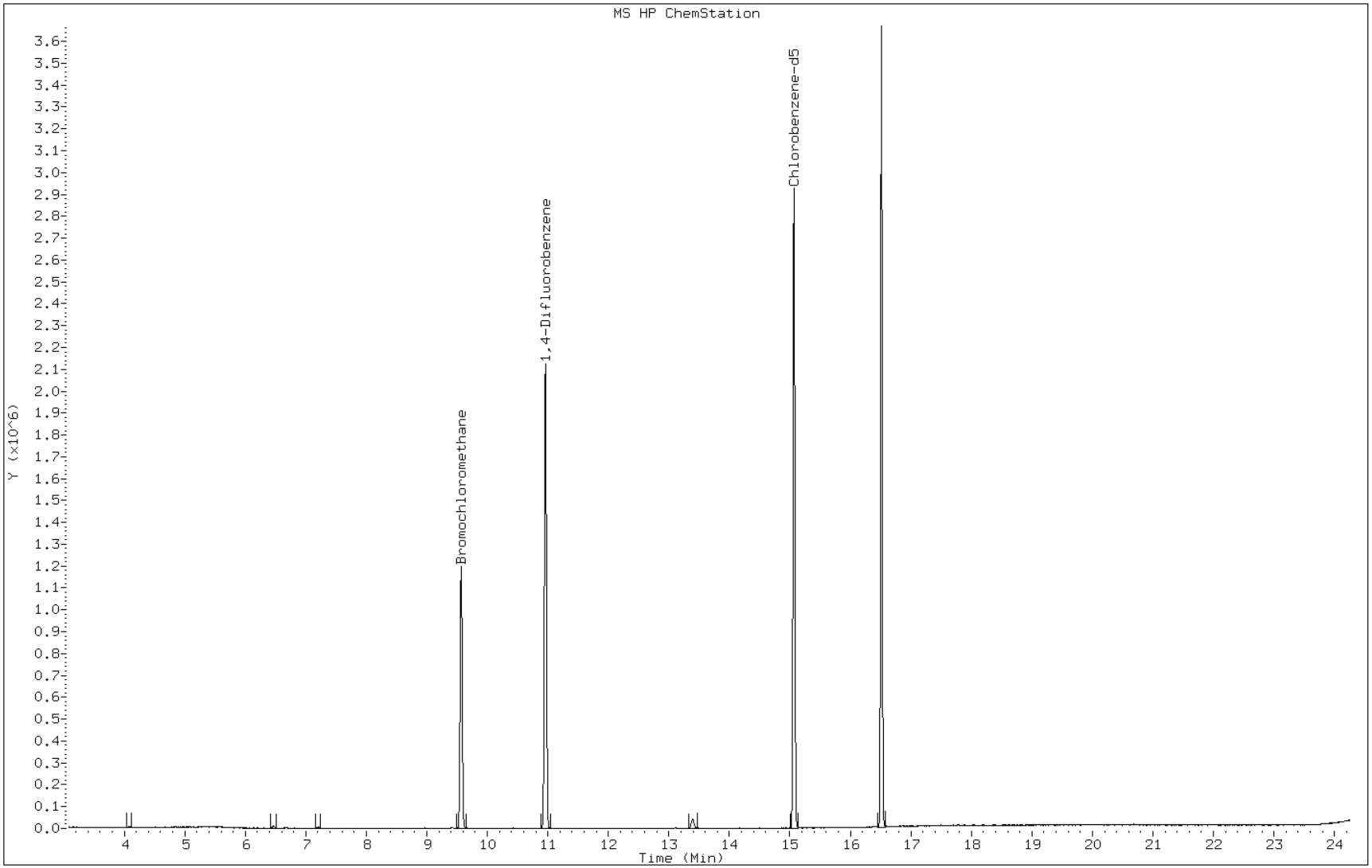
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	Compound Not Detected.					
21	Carbon disulfide	76	Compound Not Detected.					
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	Compound Not Detected.					
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	Compound Not Detected.					
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
29	Acrylonitrile	53	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37	Bromochloromethane	128	9.571	9.581	(1.000)	484386	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	Compound Not Detected.					
44	Benzene	78	Compound Not Detected.					
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	Compound Not Detected.					
* 47	1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2403893	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ppb v/v)	(ppb v/v)
	62	2-Hexanone	43	Compound Not Detected.					
	63	Dibromochloromethane	129	Compound Not Detected.					
	64	1,2-Dibromoethane	107	Compound Not Detected.					
*	65	Chlorobenzene-d5	117	15.065	15.076	(1.000)	2200469	10.0000	
	66	Chlorobenzene	112	Compound Not Detected.					
	67	n-Nonane	57	Compound Not Detected.					
	68	Ethylbenzene	91	Compound Not Detected.					
	69	Xylene (m,p)	106	Compound Not Detected.					
M	70	Xylenes, Total	106	Compound Not Detected.					
	71	Xylene (o)	106	Compound Not Detected.					
	72	Styrene	104	Compound Not Detected.					
	73	Bromoform	173	Compound Not Detected.					
	74	Isopropylbenzene	105	Compound Not Detected.					
	75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76	n-Propylbenzene	91	Compound Not Detected.					
	77	1,2,3-Trichloropropane	75	Compound Not Detected.					
	78	n-Decane	57	Compound Not Detected.					
	79	4-Ethyltoluene	105	Compound Not Detected.					
	80	2-Chlorotoluene	91	Compound Not Detected.					
	81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82	Alpha Methyl Styrene	118	Compound Not Detected.					
	83	tert-butylbenzene	119	Compound Not Detected.					
	84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85	sec-Butylbenzene	105	Compound Not Detected.					
	86	4-Isopropyltoluene	119	Compound Not Detected.					
	87	1,3-Dichlorobenzene	146	Compound Not Detected.					
	88	1,4-Dichlorobenzene	146	Compound Not Detected.					
	89	Benzyl chloride	91	Compound Not Detected.					
	90	Undecane	57	Compound Not Detected.					
	91	n-Butylbenzene	91	Compound Not Detected.					
	92	1,2-Dichlorobenzene	146	Compound Not Detected.					
	93	Dodecane	57	Compound Not Detected.					
	94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96	Naphthalene	128	Compound Not Detected.					
	97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	199	1,1-Difluoroethane TIC	51	Compound Not Detected.					
	200	Chlorotrifluoroethene TIC	116	Compound Not Detected.					
	201	Pentafluoroethyl Chloride	85	Compound Not Detected.					
	202	22Dichloro111trifluoroethane	83	Compound Not Detected.					
	203	Acetic Acid Methyl Ester	43	Compound Not Detected.					
	204	Methylcyclohexane TIC	55	Compound Not Detected.					
	205	1,2Dibromom3chloropropane	75	Compound Not Detected.					

Data File:	fdtk004.d	Date:	25-AUG-2010 17:17
Client ID:	mb	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5588/2

Matrix: Air Lab File ID: fdtj003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 17:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.51		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.00		0.20	0.012
74-87-3	Chloromethane	50.49	8.87		0.50	0.021
75-01-4	Vinyl chloride	62.50	9.61		0.20	0.025
106-99-0	1,3-Butadiene	54.09	9.72		0.20	0.027
74-83-9	Bromomethane	94.94	9.22		0.20	0.014
75-00-3	Chloroethane	64.52	9.28		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.1		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	9.43		0.20	0.050
76-13-1	Freon TF	187.38	10.8		0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	11.4		0.20	0.015
67-64-1	Acetone	58.08	8.88		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	8.86		5.0	0.043
75-15-0	Carbon disulfide	76.14	9.95		0.50	0.050
107-05-1	3-Chloropropene	76.53	8.76		0.50	0.029
75-09-2	Methylene Chloride	84.93	9.61		0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	8.94		5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	9.73		0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	9.36		0.20	0.050
110-54-3	n-Hexane	86.17	9.41		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	9.53		0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	9.83		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	10.8		0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	20.1		0.20	0.10
67-66-3	Chloroform	119.38	9.59		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	9.79		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	9.53		0.20	0.050
110-82-7	Cyclohexane	84.16	10.1		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	9.64		0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	9.49		0.20	0.013
71-43-2	Benzene	78.11	9.06		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	9.14		0.20	0.015
142-82-5	n-Heptane	100.21	9.11		0.20	0.027
79-01-6	Trichloroethene	131.39	9.74		0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5588/2

Matrix: Air Lab File ID: fdtj003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 17:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	9.25		0.20	0.016
123-91-1	1,4-Dioxane	88.11	9.77		5.0	0.035
75-27-4	Bromodichloromethane	163.83	10.4		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.44		0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	9.61		0.50	0.064
108-88-3	Toluene	92.14	9.94		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	9.19		0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	9.62		0.20	0.050
127-18-4	Tetrachloroethene	165.83	9.44		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.2		0.50	0.028
124-48-1	Dibromochloromethane	208.29	10.6		0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.012
108-90-7	Chlorobenzene	112.30	9.47		0.20	0.050
100-41-4	Ethylbenzene	106.17	9.79		0.20	0.014
179601-23-1	m,p-Xylene	106.17	19.5		0.50	0.023
95-47-6	Xylene, o-	106.17	9.54		0.20	0.050
1330-20-7	Xylene (total)	106.17	29.1		0.20	0.15
100-42-5	Styrene	104.15	10.1		0.20	0.050
75-25-2	Bromoform	252.75	9.57		0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.27		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	9.68		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	9.46		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	9.66		0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	9.24		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	8.66		0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	8.60		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	8.63		0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	7.56		0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	7.34		0.20	0.022

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj003.d
Lab Smp Id: lcs 40608 Client Smp ID: lcs 40608
Inj Date : 24-AUG-2010 17:34
Operator : wrd Inst ID: F.i
Smp Info : lcs 40608
Misc Info : 200,1,lcs
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.156	3.156	(0.330)	186137	8.64559	8.6
2	Dichlorodifluoromethane	85	3.215	3.221	(0.336)	981965	9.51457	9.5
3	Chlorodifluoromethane	51	3.253	3.253	(0.340)	471312	9.02571	9.0
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	969308	8.99755	9.0
5	Chloromethane	50	3.568	3.574	(0.373)	265278	8.86502	8.9
6	Butane	43	3.750	3.756	(0.392)	442374	8.92469	8.9
7	Vinyl chloride	62	3.788	3.793	(0.396)	357584	9.61475	9.6
8	1,3-Butadiene	54	3.857	3.863	(0.403)	266681	9.71818	9.7
9	Bromomethane	94	4.537	4.542	(0.474)	413398	9.22168	9.2
10	Chloroethane	64	4.756	4.761	(0.497)	202602	9.28497	9.3
11	2-Methylbutane	43	4.841	4.842	(0.506)	360560	8.50458	8.5
12	Vinyl bromide	106	5.146	5.152	(0.538)	439378	10.0630	10
13	Trichlorofluoromethane	101	5.243	5.243	(0.548)	1195936	9.43484	9.4
14	Pentane	43	5.371	5.377	(0.561)	517045	9.01274	9.0

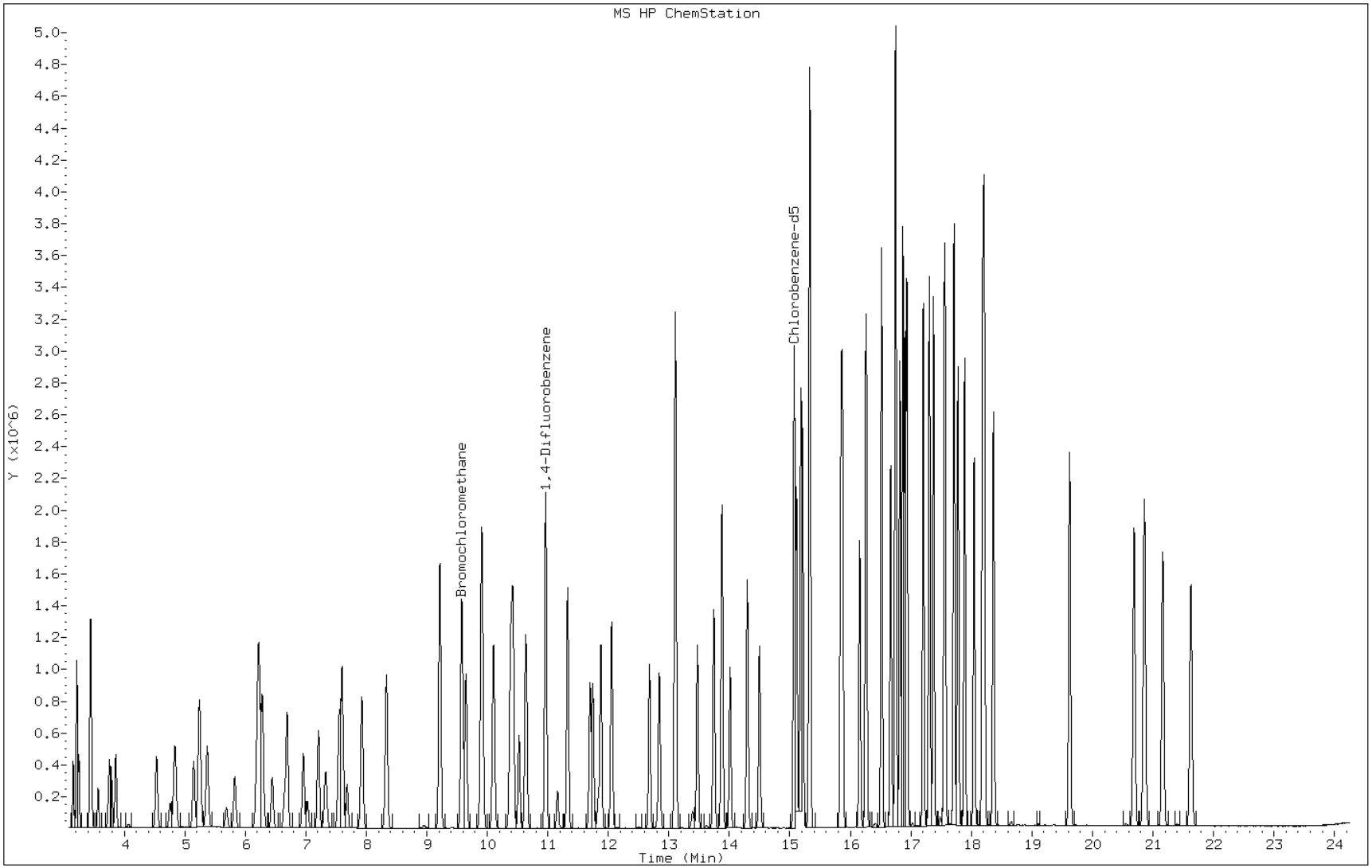
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	200155	13.9981	14
	16 Ethyl ether	59	5.826	5.831	(0.609)	291965	8.83096	8.8
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	1016619	10.8032	11
	18 Acrolein	56	6.174	6.179	(0.645)	132530	8.21497	8.2
	19 1,1-Dichloroethene	96	6.286	6.291	(0.657)	512573	11.3571	11
	20 Acetone	43	6.441	6.446	(0.673)	542835	8.87738	8.9
	21 Carbon disulfide	76	6.692	6.698	(0.699)	1407134	9.94882	9.9
	22 Isopropanol	45	6.650	6.655	(0.695)	385149	8.85635	8.9
	23 Allyl chloride	41	6.960	6.965	(0.727)	392882	8.76119	8.8
	24 Acetonitrile	41	7.029	7.035	(0.734)	239059	9.38027	9.4
	25 Methylene chloride	49	7.206	7.211	(0.753)	411322	9.60742	9.6
	26 Tert-butyl alcohol	59	7.329	7.329	(0.766)	704298	8.94229	8.9
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.790)	1381482	9.73302	9.7
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	633552	9.36139	9.4
	29 Acrylonitrile	53	7.677	7.688	(0.802)	280547	9.55705	9.6
	30 n-Hexane	57	7.928	7.934	(0.828)	639267	9.40518	9.4
	31 1,1-Dichloroethane	63	8.329	8.335	(0.870)	777996	9.52941	9.5
	32 Vinyl acetate	43	8.340	8.346	(0.871)	863742	9.55736	9.6
M	33 1,2-Dichloroethene,Total	61				1163147	20.1461	20
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.963)	529595	10.7847	11
	35 Ethyl acetate	88	9.228	9.228	(0.964)	45082	10.7643	11(Q)
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	228699	9.82612	9.8(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	480713	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	358900	9.78828	9.8
	39 Chloroform	83	9.646	9.651	(1.008)	1038295	9.59082	9.6
	40 Cyclohexane	84	9.913	9.918	(0.904)	685729	10.0679	10
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	1083471	9.52547	9.5
	42 Carbon tetrachloride	117	10.106	10.111	(0.921)	1047934	9.64370	9.6
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1955045	9.48986	9.5
	44 Benzene	78	10.427	10.432	(0.951)	1450964	9.05921	9.1
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	622264	9.14431	9.1
	46 n-Heptane	43	10.641	10.641	(0.970)	604729	9.11405	9.1
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2367622	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.018)	189327	9.20780	9.2
	49 Trichloroethene	95	11.325	11.331	(1.033)	676207	9.74345	9.7
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	461987	9.24958	9.2
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	496662	10.0630	10
	52 Dibromomethane	174	11.882	11.887	(1.083)	544573	10.2649	10
	53 1,4-Dioxane	88	11.834	11.839	(1.079)	202011	9.77277	9.8
	54 Bromodichloromethane	83	12.053	12.058	(1.099)	1156020	10.4218	10
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.156)	812625	9.43895	9.4
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	790297	9.60507	9.6
	57 n-Octane	43	13.107	13.107	(1.195)	810154	9.13696	9.1
	58 Toluene	92	13.112	13.118	(0.870)	1081795	9.93555	9.9
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.228)	869000	9.18882	9.2
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	514413	9.62137	9.6
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	820669	9.43915	9.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	14.016	14.022	(0.930)	771946	10.2152	10
	63 Dibromochloromethane	129	14.294	14.300	(0.949)	1125537	10.5998	11
	64 1,2-Dibromoethane	107	14.498	14.503	(0.962)	1018293	10.0404	10
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2205891	10.0000	
	66 Chlorobenzene	112	15.108	15.113	(1.002)	1465479	9.47084	9.5
	67 n-Nonane	57	15.209	15.215	(1.009)	934089	9.77387	9.8
	68 Ethylbenzene	91	15.182	15.188	(1.007)	2423695	9.79100	9.8
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	1876484	19.5418	20
M	70 Xylenes, Total	106				2789874	29.0855	29
	71 Xylene (o)	106	15.846	15.846	(1.051)	913390	9.54368	9.5
	72 Styrene	104	15.867	15.873	(1.053)	1436085	10.1021	10
	73 Bromoform	173	16.156	16.162	(1.072)	943998	9.56580	9.6
	74 Isopropylbenzene	105	16.258	16.263	(1.079)	2718451	9.68035	9.7
	75 1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1338676	9.27085	9.3
	76 n-Propylbenzene	91	16.739	16.745	(1.111)	3255370	9.76240	9.8
	77 1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1033172	9.72406	9.7
	78 n-Decane	57	16.819	16.820	(1.116)	1191566	9.75580	9.8
	79 4-Ethyltoluene	105	16.868	16.873	(1.119)	2847723	9.67853	9.7
	80 2-Chlorotoluene	91	16.905	16.905	(1.122)	2609825	9.66036	9.7
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	2280512	9.45529	9.5
	82 Alpha Methyl Styrene	118	17.205	17.205	(1.142)	1194508	10.2666	10
	83 tert-butylbenzene	119	17.306	17.306	(1.148)	2179795	9.46126	9.5
	84 1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	2279048	9.23587	9.2
	85 sec-Butylbenzene	105	17.558	17.563	(1.165)	3343605	9.62289	9.6
	86 4-Isopropyltoluene	119	17.713	17.718	(1.175)	2778202	9.54403	9.5
	87 1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1467691	8.66246	8.7
	88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1482035	8.60196	8.6
	89 Benzyl chloride	91	18.045	18.045	(1.197)	2168398	10.0199	10
	90 Undecane	57	18.184	18.189	(1.207)	1334922	10.1197	10
	91 n-Butylbenzene	91	18.210	18.216	(1.208)	2687393	9.80760	9.8
	92 1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1397890	8.62802	8.6
	93 Dodecane	57	19.623	19.628	(1.302)	1190735	9.19525	9.2
	94 1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	952997	7.56456	7.6
	95 1,3-Hexachlorobutadiene	225	20.858	20.869	(1.384)	661274	7.33740	7.3
	96 Naphthalene	128	21.163	21.169	(1.404)	2461068	8.39351	8.4
	97 1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	847026	7.66326	7.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtj003.d	Date:	24-AUG-2010 17:34
Client ID:	lcs 40608	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 40608		
Lab Sample ID:	lcs 40608		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5661/3

Matrix: Air Lab File ID: fdtk003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 16:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.92		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.81		0.20	0.012
74-87-3	Chloromethane	50.49	8.74		0.50	0.021
75-01-4	Vinyl chloride	62.50	9.59		0.20	0.025
106-99-0	1,3-Butadiene	54.09	9.61		0.20	0.027
74-83-9	Bromomethane	94.94	9.12		0.20	0.014
75-00-3	Chloroethane	64.52	9.26		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.89		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	9.32		0.20	0.050
76-13-1	Freon TF	187.38	10.9		0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	11.4		0.20	0.015
67-64-1	Acetone	58.08	8.71		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	8.58		5.0	0.043
75-15-0	Carbon disulfide	76.14	9.86		0.50	0.050
107-05-1	3-Chloropropene	76.53	8.76		0.50	0.029
75-09-2	Methylene Chloride	84.93	9.38		0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	8.80		5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	9.69		0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	9.32		0.20	0.050
110-54-3	n-Hexane	86.17	9.28		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	9.50		0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	9.75		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	10.9		0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	20.3		0.20	0.10
67-66-3	Chloroform	119.38	9.58		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	9.68		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	9.51		0.20	0.050
110-82-7	Cyclohexane	84.16	10.0		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	9.72		0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	9.37		0.20	0.013
71-43-2	Benzene	78.11	9.01		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	9.02		0.20	0.015
142-82-5	n-Heptane	100.21	9.00		0.20	0.027
79-01-6	Trichloroethene	131.39	9.70		0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5661/3

Matrix: Air Lab File ID: fdtk003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 16:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	9.14		0.20	0.016
123-91-1	1,4-Dioxane	88.11	9.67		5.0	0.035
75-27-4	Bromodichloromethane	163.83	10.4		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.24		0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	9.42		0.50	0.064
108-88-3	Toluene	92.14	10.0		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	9.08		0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	9.66		0.20	0.050
127-18-4	Tetrachloroethene	165.83	9.54		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.2		0.50	0.028
124-48-1	Dibromochloromethane	208.29	10.7		0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	10.1		0.20	0.012
108-90-7	Chlorobenzene	112.30	9.65		0.20	0.050
100-41-4	Ethylbenzene	106.17	9.87		0.20	0.014
179601-23-1	m,p-Xylene	106.17	19.8		0.50	0.023
95-47-6	Xylene, o-	106.17	9.78		0.20	0.050
1330-20-7	Xylene (total)	106.17	29.5		0.20	0.15
100-42-5	Styrene	104.15	10.4		0.20	0.050
75-25-2	Bromoform	252.75	10.1		0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.42		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	10.0		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	9.71		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	9.86		0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	9.44		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	9.03		0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	8.91		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	8.75		0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	7.87		0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	7.81		0.20	0.022

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk003.d
Lab Smp Id: lcs 40608 Client Smp ID: lcs 40608
Inj Date : 25-AUG-2010 16:27
Operator : wrd Inst ID: F.i
Smp Info : lcs 40608
Misc Info : 200,1,lcs
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.156	3.156	(0.330)	186827	8.46680	8.5
2	Dichlorodifluoromethane	85	3.215	3.221	(0.336)	1049726	9.92399	9.9
3	Chlorodifluoromethane	51	3.253	3.253	(0.340)	475482	8.88432	8.9
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	1082603	9.80504	9.8
5	Chloromethane	50	3.568	3.574	(0.373)	268028	8.73929	8.7
6	Butane	43	3.750	3.756	(0.392)	446399	8.78708	8.8
7	Vinyl chloride	62	3.788	3.793	(0.396)	365380	9.58566	9.6
8	1,3-Butadiene	54	3.857	3.863	(0.403)	270417	9.61488	9.6
9	Bromomethane	94	4.537	4.542	(0.474)	419208	9.12407	9.1
10	Chloroethane	64	4.761	4.761	(0.497)	207002	9.25612	9.3
11	2-Methylbutane	43	4.836	4.842	(0.505)	363700	8.37021	8.4
12	Vinyl bromide	106	5.146	5.152	(0.537)	442738	9.89356	9.9
13	Trichlorofluoromethane	101	5.243	5.243	(0.547)	1211432	9.32488	9.3
14	Pentane	43	5.371	5.377	(0.561)	523436	8.90245	8.9

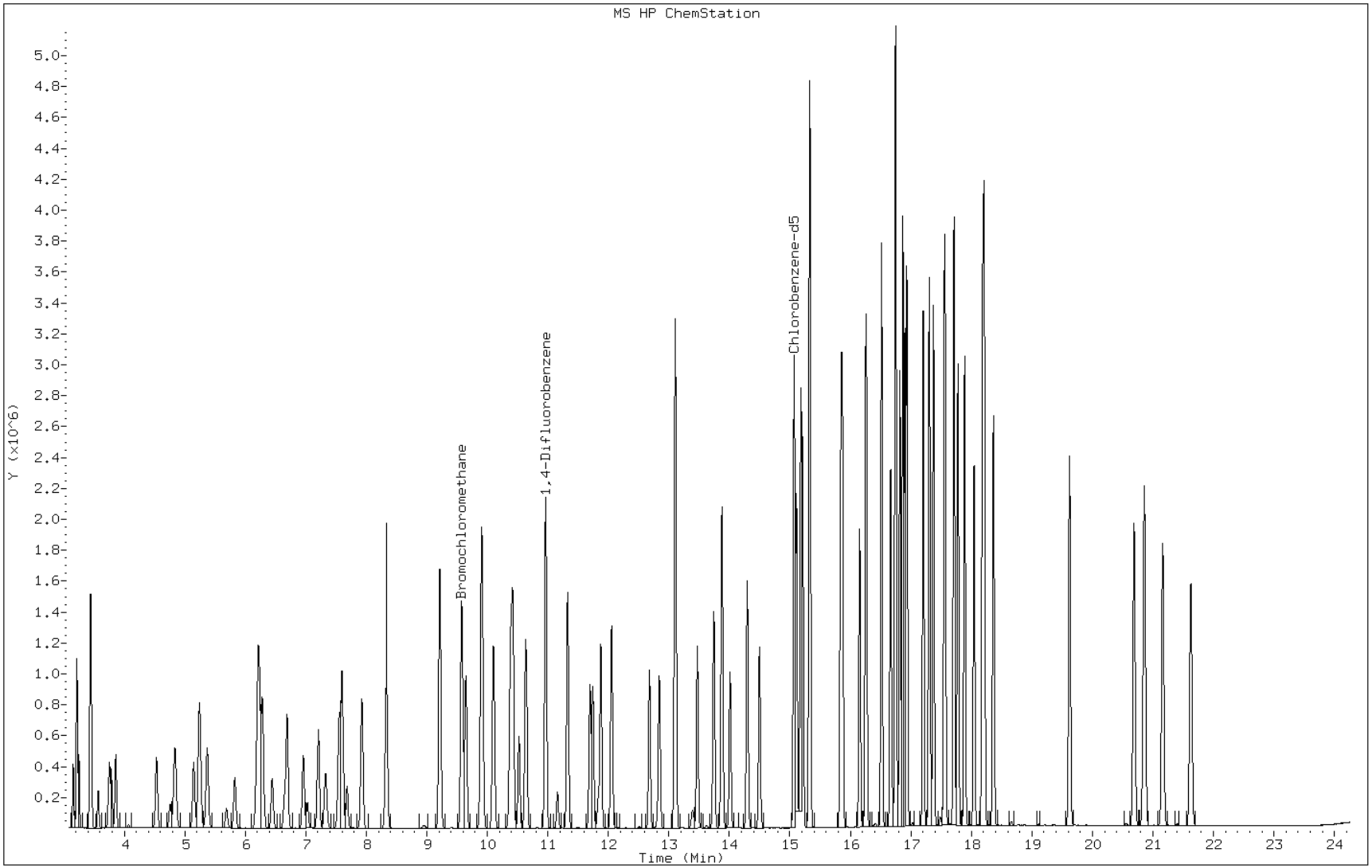
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	199212	13.5936	14
	16 Ethyl ether	59	5.826	5.831	(0.608)	298387	8.80592	8.8
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	1051961	10.9071	11
	18 Acrolein	56	6.179	6.179	(0.645)	131735	7.96728	8.0
	19 1,1-Dichloroethene	96	6.286	6.291	(0.656)	525928	11.3698	11
	20 Acetone	43	6.441	6.446	(0.673)	546137	8.71437	8.7
	21 Carbon disulfide	76	6.692	6.698	(0.699)	1429360	9.86042	9.9
	22 Isopropanol	45	6.650	6.655	(0.694)	382242	8.57594	8.6
	23 Allyl chloride	41	6.960	6.965	(0.727)	402550	8.75867	8.8
	24 Acetonitrile	41	7.030	7.035	(0.734)	239699	9.17686	9.2
	25 Methylene chloride	49	7.206	7.211	(0.752)	411577	9.37980	9.4
	26 Tert-butyl alcohol	59	7.324	7.329	(0.765)	710572	8.80274	8.8
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	1409075	9.68621	9.7
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	646438	9.31971	9.3
	29 Acrylonitrile	53	7.682	7.688	(0.802)	280544	9.32474	9.3
	30 n-Hexane	57	7.928	7.934	(0.828)	646642	9.28252	9.3
	31 1,1-Dichloroethane	63	8.329	8.335	(0.870)	795132	9.50266	9.5
	32 Vinyl acetate	43	8.340	8.346	(0.871)	877958	9.47862	9.5
M	33 1,2-Dichloroethene,Total	61				1196812	20.2553	20
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.962)	550374	10.9356	11
	35 Ethyl acetate	88	9.228	9.228	(0.964)	46383	10.8059	11
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.962)	232630	9.75217	9.8(Q)
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	492684	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	363850	9.67884	9.7
	39 Chloroform	83	9.646	9.651	(1.007)	1062402	9.57505	9.6
	40 Cyclohexane	84	9.913	9.918	(0.904)	700149	10.0264	10
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	1109041	9.51009	9.5
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	1082981	9.72072	9.7
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1978318	9.36628	9.4
	44 Benzene	78	10.427	10.432	(0.951)	1479886	9.01218	9.0
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	629224	9.01881	9.0
	46 n-Heptane	43	10.635	10.641	(0.970)	611919	8.99523	9.0
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2427417	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.018)	188307	8.93260	8.9
	49 Trichloroethene	95	11.325	11.331	(1.033)	689860	9.69532	9.7
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	468222	9.14349	9.1
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	502163	9.92380	9.9
	52 Dibromomethane	174	11.882	11.887	(1.083)	556698	10.2350	10
	53 1,4-Dioxane	88	11.834	11.839	(1.079)	204879	9.66737	9.7
	54 Bromodichloromethane	83	12.053	12.058	(1.099)	1178896	10.3662	10
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.156)	815416	9.23806	9.2
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	794546	9.41884	9.4
	57 n-Octane	43	13.101	13.107	(1.195)	813978	8.95396	9.0
	58 Toluene	92	13.112	13.118	(0.870)	1101899	10.0241	10
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.228)	880765	9.08381	9.1
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	521188	9.65550	9.7
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	837057	9.53620	9.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	14.011	14.022	(0.930)	778625	10.2057	10
63	Dibromochloromethane	129	14.294	14.300	(0.949)	1146075	10.6907	11
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	1036511	10.1230	10
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2227043	10.0000	
66	Chlorobenzene	112	15.108	15.113	(1.002)	1507899	9.65243	9.7
67	n-Nonane	57	15.209	15.215	(1.009)	944211	9.78594	9.8
68	Ethylbenzene	91	15.182	15.188	(1.007)	2466788	9.87044	9.9
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1916814	19.7722	20
M 70	Xylenes, Total	106				2861504	29.5492	30
71	Xylene (o)	106	15.846	15.846	(1.051)	944690	9.77698	9.8
72	Styrene	104	15.867	15.873	(1.053)	1495346	10.4191	10
73	Bromoform	173	16.156	16.162	(1.072)	1008800	10.1254	10
74	Isopropylbenzene	105	16.258	16.263	(1.079)	2840430	10.0187	10
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1372769	9.41666	9.4
76	n-Propylbenzene	91	16.739	16.745	(1.111)	3346785	9.94122	9.9
77	1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1049857	9.78725	9.8
78	n-Decane	57	16.814	16.820	(1.116)	1204830	9.77071	9.8
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2974214	10.0124	10
80	2-Chlorotoluene	91	16.900	16.905	(1.121)	2688646	9.85760	9.9
81	1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	2364398	9.70998	9.7
82	Alpha Methyl Styrene	118	17.205	17.205	(1.142)	1239661	10.5535	11
83	tert-butylbenzene	119	17.306	17.306	(1.148)	2263850	9.73277	9.7
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	2350568	9.43523	9.4
85	sec-Butylbenzene	105	17.558	17.563	(1.165)	3468276	9.88689	9.9
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	2904953	9.88468	9.9
87	1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1544650	9.03009	9.0
88	1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1550571	8.91428	8.9
89	Benzyl chloride	91	18.045	18.045	(1.197)	2213741	10.1323	10
90	Undecane	57	18.184	18.189	(1.207)	1344749	10.0974	10
91	n-Butylbenzene	91	18.210	18.216	(1.208)	2721690	9.83843	9.8
92	1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1431750	8.75308	8.8
93	Dodecane	57	19.623	19.628	(1.302)	1196546	9.15237	9.2
94	1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	1000779	7.86839	7.9
95	1,3-Hexachlorobutadiene	225	20.858	20.869	(1.384)	710543	7.80920	7.8
96	Naphthalene	128	21.163	21.169	(1.404)	2625375	8.86884	8.9
97	1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	898098	8.04815	8.0

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtk003.d	Date:	25-AUG-2010 16:27
Client ID:	lcs 40608	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 40608		
Lab Sample ID:	lcs 40608		



GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDT	Start Date: 8/12/10	Time: 1652	ISTD Lot #:	15896	Instrument ID: F
Test Method:	TO15	End Date: 8/13/10	Time: 1652	CAL STD Lot #	see comment	Instrument: 5973
ICAL Date:	8/12/10			ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager	Analyst SV	Analyst WND	Analyst	Analyst
Name/Initial		Simone Valjevac	William DeJardins		
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1652	FDT 001		BFB	NA	1		SV	NA	NA	WND	
1836	002	4632	MB		1	200			✓		-
1927	003	3093	IC-1		2				✓		029129
2019	004	5069	IC-2		3				✓		029127
2109	005	3152	IC-3		4				✓		029125
2201	006	3308	ICIS-4		5				✓		036532
2251	007	3562	IC-5		6				✓		029121
2342	008	3643	IC-6		7				✓		029120
2433	009	3366	IC-7		8				✓		029118
0124	FDT 010	4632	VIBLK		9				✓		
0215	FDT 011	3646	ICV		9			✓	✓		32797 ~~8/12/10~~ 29396
0307	FDT 012	3646	LCS		9			✓	↑		J J
0358	013	4632	MBLK		1			✓	✓		

8/13/10

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

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability		Instrument Information
Batch ID: FDTF	Start Date: 8/24/10	Time: 1553	ISTD Lot #:	15696	Instrument ID: F
Test Method: TO15	End Date: 8/25/10	Time: 1553	CAL STD Lot #	38951	Instrument: 5973
ICAL Date: 8/12/10			ICV / LCS Lot #	40608	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1553	FDTF001		BFB	NA	1		WND	NA	NA	WND	
1643	002	3640	CCV	1	1	200		✓	✓		AG
1734	003	2906	LCS	1	2	200		✓	✓		AG
1825	004	4634	MB	1	3	200		✓	✓		
1915	005	4284	1139-1	32.90	4	60		↓	↑		COF 9.86R ace 59 ↑ 64
2006	006	5163	1139-2	1.0	5	200		✓	✓		C
2057	007	2574	1139-3	4.65	6	43		✓	↑		ace 41 A
2147	008	4449	1139-4	23.90	7	174		✓	✓		COF 20.80 C
2238	009	5054	1139-5	1.0	8	200		✓	✓		C
2329	010	5156	1139-6	16.7	9	12		✓	↑		ace 41 A
0420	011	4101	1139-7	15.4	10	13		✓	✓		C
0510	012	3553	1139-8	9.09	11	22		✓	↑		ace 59 A
0601	013	3314	952-20	1490	12/1	37		✓	✓		COF 275.12 C
0652	014	3579	1082-7	1	12	200		✓	✓		C
0743	015	3658	1 -8	1	13	1		✓	✓		C
0834	016	4857	1176-1	1	14	200		✓	✓		1l cert
0925	017	4950	1177-6	1	15	200		✓	✓		1l cert
1021	018	4277	1113-1	0.2	16	1000		✓	✓		6l cert
0712	019	4284	1151-1	58.0	2	50		✓	✓		COF 14.49 C
0803	020	2574	1139-3	5.71	3	35		✓	✓		C
0854	021	5058	1086-1	1	4	200		✓	✓		C
0945	022	4304	1 -2	5	5	40		✓	✓		C TICS↑
1036	023	5057	1 -3	5	6	40		✓	✓		C TICS↑
1127	024	5156	1139-6	24.8	9	40	WMM	✓	✓		COF 4.96 C
1218	025	3553	1139-8	19.7	11	45		✓	✓		COF 4.44 C
1309	026	3233	1086-4	5	12	40	WND	✓	✓		C TICS↑
											8/25/10

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FOTK	Start Date: 8/25/10	Time: 1449	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 8/26/10	Time: 1449	CAL STD Lot #	38951	Instrument: 5973
ICAL Date:	8/12/10			ICV / LCS Lot #	40608	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1449	FOTK001			NA			WRD	NA	NA	WRD	
1536	002	3640	CCV	1	1	200		NA	✓		AG
1627	003	2906	LCS		2			✓	✓		AG
1717	004	4634	MB		3			✓	✓		
1808	005	4086	1079-9	2	4	100		✓	✓		C
1859	006	4349	1086-5	5	5	40		✓	✓		↑TICs C
1950	007	3405	-6	1	6	200		✓	✓		C
2841	008	2953	-7	15.3	7	58		✓	✓		CDF 4.44 C
2432	009	4322	-8	25.3	8	35		✓	✓		4.43 C
2022	010	3655	-9	20.0	9	44		✓	✓		4.41 C
2313	011	3837	1059-1	10	10	20		✓	✓		1 l conc C
0004	012	3811	-2		11			✓	✓		C
0055	013	3813	-3		12			—	✓		C
0147	014	3372	1120-1	5800	13	25		—	✓		CDF 1973.01 C
0238	015	2787	1132-1	10	14	20		✓	✓		C
0328	016	4126	1128-1	1	15	200		✓	✓		C
0419	017	5167	-2	1	16	1		✓	✓		C
0510	018	5160	1141-1	1	1	200		—	✓↑		area 100 P
0601	019	5103	-2		2			✓	✓↑		area 46 P
0652	020	5102	-3		3			✓	✓↑		area 71 P
0744	021	2984	1230-1	1	4	200	SR	✓	✓		
0835	022	4956	-2		5			✓	✓		
0926	023	4644	-3		6			✓	✓		
1017	024	3816	-4		7			✓	✓		
1109	025	5100	1141-1	4	1	50	WRD	✓	✓		DL S S
1200	026	5103	-2	2	2	100		✓	✓		DL C S
1251	027	5102	-3	2.99	3	67		✓	✓		DL C S

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	FOTK	Start Date:	8/20/10 Time: 1445	ISTD Lot #:	Instrument ID: F
Test Method:	TO15	End Date:	8/26/10 Time: 1445	CAL STD Lot #	Instrument: 5973
ICAL Date:	8/12/10			ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1342	FOTK 028	4840	1250-5	1	4	200	WMD	✓	—	WMD	C/U? RR
1433	029	4848	-6	1	5	1	〃	✓	✓	〃	— close of sequence
1523	030	Beg	SKC TEST	1	6	200	WMD	—	—	WMD	
1614	031	〃	ESS TEST	1	7	〃	〃	—	—	〃	
1705	032	〃	SKC TEST	1	6	〃	〃	—	—	〃	
1755	033	〃	ESS TEST	1	7	〃	〃	✓	✓	〃	

8/27/10

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Start Date: 08/12/2010 16:52

Analysis Batch Number: 5141 End Date: 08/13/2010 03:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-5141/1		08/12/2010 16:52	1	fdt001.d	RTX-624 0.32(mm)
ZZZZZ		08/12/2010 18:36	1		RTX-624 0.32(mm)
IC 200-5141/3		08/12/2010 19:27	1	fdt003.d	RTX-624 0.32(mm)
IC 200-5141/4		08/12/2010 20:19	1	fdt004.d	RTX-624 0.32(mm)
IC 200-5141/5		08/12/2010 21:09	1	fdt005.d	RTX-624 0.32(mm)
ICIS 200-5141/6		08/12/2010 22:01	1	fdt006.d	RTX-624 0.32(mm)
IC 200-5141/7		08/12/2010 22:51	1	fdt007.d	RTX-624 0.32(mm)
IC 200-5141/8		08/12/2010 23:42	1	fdt008.d	RTX-624 0.32(mm)
IC 200-5141/9		08/13/2010 00:33	1	fdt009.d	RTX-624 0.32(mm)
VIBLK 200-5141/10		08/13/2010 01:24	1		RTX-624 0.32(mm)
ICV 200-5141/11		08/13/2010 02:15	1	fdt011.d	RTX-624 0.32(mm)
ZZZZZ		08/13/2010 03:07	1		RTX-624 0.32(mm)
ZZZZZ		08/13/2010 03:58	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Start Date: 08/24/2010 15:53

Analysis Batch Number: 5588 End Date: 08/25/2010 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-5588/1		08/24/2010 15:53	1	fdtj001.d	RTX-624 0.32(mm)
CCVIS 200-5588/26		08/24/2010 16:43	1	fdtj002.d	RTX-624 0.32(mm)
LCS 200-5588/2		08/24/2010 17:34	1	fdtj003.d	RTX-624 0.32(mm)
MB 200-5588/3		08/24/2010 18:25	1	fdtj004.d	RTX-624 0.32(mm)
ZZZZZ		08/24/2010 19:15	32.9		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 20:06	1		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 20:57	4.65		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 21:47	23.9		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 22:38	1		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 23:29	16.7		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 00:20	15.4		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 01:10	9.09		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 02:01	1490		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 02:52	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 03:43	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 04:34	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 05:25	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 06:21	0.2		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 07:12	58		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 08:03	5.71		RTX-624 0.32(mm)
200-1086-1	CE-AA	08/25/2010 08:54	1	fdtj021.d	RTX-624 0.32(mm)
200-1086-2	CE-VAPOR-1	08/25/2010 09:45	5	fdtj022.d	RTX-624 0.32(mm)
200-1086-3	CE-VAPOR-2	08/25/2010 10:36	5	fdtj023.d	RTX-624 0.32(mm)
ZZZZZ		08/25/2010 11:27	24.8		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 12:18	19.7		RTX-624 0.32(mm)
200-1086-4	CE-VAPOR-3	08/25/2010 13:09	5	fdtj026.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Start Date: 08/25/2010 14:49

Analysis Batch Number: 5661 End Date: 08/26/2010 17:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-5661/1		08/25/2010 14:49	1	fdtk001.d	RTX-624 0.32(mm)
CCVIS 200-5661/2		08/25/2010 15:36	1	fdtk002.d	RTX-624 0.32(mm)
LCS 200-5661/3		08/25/2010 16:27	1	fdtk003.d	RTX-624 0.32(mm)
MB 200-5661/4		08/25/2010 17:17	1	fdtk004.d	RTX-624 0.32(mm)
ZZZZZ		08/25/2010 18:08	2		RTX-624 0.32(mm)
200-1086-5	CE-VAPOR-4	08/25/2010 18:59	5	fdtk006.d	RTX-624 0.32(mm)
200-1086-6	CE-VAPOR-5	08/25/2010 19:50	1	fdtk007.d	RTX-624 0.32(mm)
200-1086-7	CE-VAPOR-6	08/25/2010 20:41	15.3	fdtk008.d	RTX-624 0.32(mm)
200-1086-8	CE-VAPOR-7	08/25/2010 21:32	25.3	fdtk009.d	RTX-624 0.32(mm)
200-1086-9	CE-VAPOR-8	08/25/2010 22:22	20	fdtk010.d	RTX-624 0.32(mm)
ZZZZZ		08/25/2010 23:13	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 00:04	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 00:55	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 01:47	15800		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 02:38	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 03:28	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 04:19	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 05:10	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 06:01	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 06:52	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 07:44	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 08:35	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 09:26	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 10:17	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 11:09	4		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 12:00	2		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 12:51	2.99		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 13:42	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 14:33	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 15:23	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 16:14	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 17:05	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 17:55	1		RTX-624 0.32(mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
AKRF	1086	8-13-10	1202	29.8	22	G5	J.J.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?		✓	
(2) Is the flow controller ID used for each canister recorded?		✓	
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	5058	-4.6	N	4684	Y	2614 GIESE	
2	4304	-3.5		4686			
3	5057	-3.7		4582			
4	3233	-7.9		4590			
5	4349	-3.7		4596			
6	3405	-4.3		4622			
7	2953	-4.4		4970			
8	4322	-3.9		4597			
9	3655	-3.8		4603			

J.J. 8-13-2010

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # _____

Summa Canister Dilution Worksheet

Client: AKRF Inc

TestAmerica Job ID: 200-1086-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-1086-7	6	-5.2	0.83	4.96	39.2	3.67	22.00	4.44	4.44	08/25/10 16:12	Desjardins, William R
200-1086-8	6	-5.0	0.83	5.00	39.5	3.69	22.12	4.43	4.43	08/25/10 16:09	Desjardins, William R
200-1086-9	6	-4.7	0.84	5.06	40	3.72	22.33	4.41	4.41	08/25/10 16:16	Desjardins, William R

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg

Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Vol = Volume of SUMMA canister at atmospheric pressure

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test								
System ID		# Cycles	Cleaning Date	Technician	Canister Size		
OVEN		5	7/14/10	RWV	(6L)	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading	Final Reading
1	3655	-29.5	-29.6	-29.6	0.0	Gauge ID: G4	Gauge ID: G4
2	2614					Date: 7/14/10	Date: 7/27/10
3	4304					Time: 1820	Time: 1040
4	5057					Tech: SML	Tech: S—
5	3733					BP: 29.7 ("Hg)	BP: 29.8 ("Hg)
6	3405					Temp 22 (°C)	Temp: 22 (°C)
7	4349					[3]Acceptance Criteria:	
8	5058					(1) The difference must be less than or equal to + 0.5	
9	4322					(2) Pressure readings must be at least 24 hours apart.	
10	~~2842~~					If time frame was not met, the PM must authorize shipment of canister:	
11	4548					*PM Authorization:*	
12	2953					Signature	Date

Lot 7/14/10

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15				Inventory Level					Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
2614	7/15/10	GESE	WND		✓				07/25/10	KLP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

200-737-A-2
2614
Location: Air-Storage
Bottle Summa Canister 6L
Sampled: 7/14/2010 12:00 AM 200-31864

Loc: 200
737
#2
200-737-A-2

BR-FAI023:10.19.09:7
TestAmerica

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gese003.d

Lab ID: LCS 200-4339/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	10.5	105	70-130	
Dichlorodifluoromethane	10.0	11.0	110	70-130	
Freon 22	10.0	10.8	108	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70-130	
Chloromethane	10.0	10.2	102	70-130	
n-Butane	10.0	10.1	101	70-130	
Vinyl chloride	10.0	10.2	102	70-130	
1,3-Butadiene	10.0	10.6	106	70-130	
Bromomethane	10.0	9.43	94	70-130	
Chloroethane	10.0	9.71	97	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.1	101	70-130	
Trichlorofluoromethane	10.0	10.1	101	70-130	
Ethanol	15.0	12.3	82	70-130	
Freon TF	10.0	10.4	104	70-130	
1,1-Dichloroethene	10.0	10.1	101	70-130	
Acetone	10.0	9.94	99	70-130	
Isopropyl alcohol	10.0	8.75	88	70-130	
Carbon disulfide	10.0	9.28	93	70-130	
3-Chloropropene	10.0	9.60	96	70-130	
Methylene Chloride	10.0	10.1	101	70-130	
tert-Butyl alcohol	10.0	9.24	92	70-130	
Methyl tert-butyl ether	10.0	9.57	96	70-130	
trans-1,2-Dichloroethene	10.0	9.28	93	70-130	
n-Hexane	10.0	9.22	92	70-130	
1,1-Dichloroethane	10.0	9.37	94	70-130	
Vinyl acetate	10.0	9.70	97	70-130	
Ethyl acetate	10.0	9.43	94	70-130	
Methyl Ethyl Ketone	10.0	9.45	95	70-130	
cis-1,2-Dichloroethene	10.0	9.80	98	70-130	
Chloroform	10.0	9.86	99	70-130	
Tetrahydrofuran	10.0	9.47	95	70-130	
1,1,1-Trichloroethane	10.0	10.1	101	70-130	
Cyclohexane	10.0	9.52	95	70-130	
Carbon tetrachloride	10.0	10.1	102	70-130	
2,2,4-Trimethylpentane	10.0	9.44	94	70-130	
Benzene	10.0	9.30	93	70-130	
1,2-Dichloroethane	10.0	10.2	102	70-130	
n-Heptane	10.0	9.37	94	70-130	
Trichloroethene	10.0	9.65	97	70-130	
Methyl methacrylate	10.0	9.26	93	70-130	
1,2-Dichloropropane	10.0	8.99	90	70-130	
1,4-Dioxane	10.0	8.40	84	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gese003.d

Lab ID: LCS 200-4339/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.32	93	70-130	
methyl isobutyl ketone	10.0	9.78	98	70-130	
Toluene	10.0	9.43	94	70-130	
trans-1,3-Dichloropropene	10.0	9.57	96	70-130	
1,1,2-Trichloroethane	10.0	9.05	91	70-130	
Tetrachloroethene	10.0	9.83	98	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.97	100	70-130	
Dibromochloromethane	10.0	10.8	108	70-130	
1,2-Dibromoethane	10.0	9.62	96	70-130	
Chlorobenzene	10.0	9.51	95	70-130	
Ethylbenzene	10.0	9.74	97	70-130	
m,p-Xylene	20.0	19.4	97	70-130	
Xylene, o-	10.0	9.45	94	70-130	
Styrene	10.0	10.0	100	70-130	
Bromoform	10.0	11.2	112	70-130	
Cumene	10.0	9.74	97	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.07	91	70-130	
n-Propylbenzene	10.0	10.0	100	70-130	
4-Ethyltoluene	10.0	10.2	102	70-130	
1,3,5-Trimethylbenzene	10.0	9.79	98	70-130	
2-Chlorotoluene	10.0	9.72	97	70-130	
tert-Butylbenzene	10.0	9.87	99	70-130	
1,2,4-Trimethylbenzene	10.0	9.58	96	70-130	
sec-Butylbenzene	10.0	9.90	99	70-130	
4-Isopropyltoluene	10.0	10.4	104	70-130	
1,3-Dichlorobenzene	10.0	9.77	98	70-130	
1,4-Dichlorobenzene	10.0	9.76	98	70-130	
Benzyl chloride	10.0	9.98	100	70-130	
n-Butylbenzene	10.0	10.4	104	70-130	
1,2-Dichlorobenzene	10.0	9.68	97	70-130	
1,2,4-Trichlorobenzene	10.0	9.23	92	70-130	
Hexachlorobutadiene	10.0	11.4	114	70-130	
Naphthalene	10.0	8.14	81	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab File ID: gese004.d Lab Sample ID: MB 200-4339/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 07/15/2010 13:38

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-4339/3	gese003.d	07/15/2010 12:49
2614	200-737-2	gese017.d	07/16/2010 00:21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-4339/4

Matrix: Air Lab File ID: gese004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2010 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-4339/4

Matrix: Air Lab File ID: gese004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2010 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-4339/4

Matrix: Air Lab File ID: gese004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2010 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/geseto15.b/gese004.d
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 15-JUL-2010 13:38
Operator : wrd Inst ID: G.i
Smp Info : MB
Misc Info : 200,1,Method Blank
Comment :
Method : /chem/G.i/Gsvr.p/geseto15.b/to15v5.m
Meth Date : 19-Jul-2010 16:10 wrd Quant Type: ISTD
Cal Date : 10-JUL-2010 20:56 Cal File: ges009.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

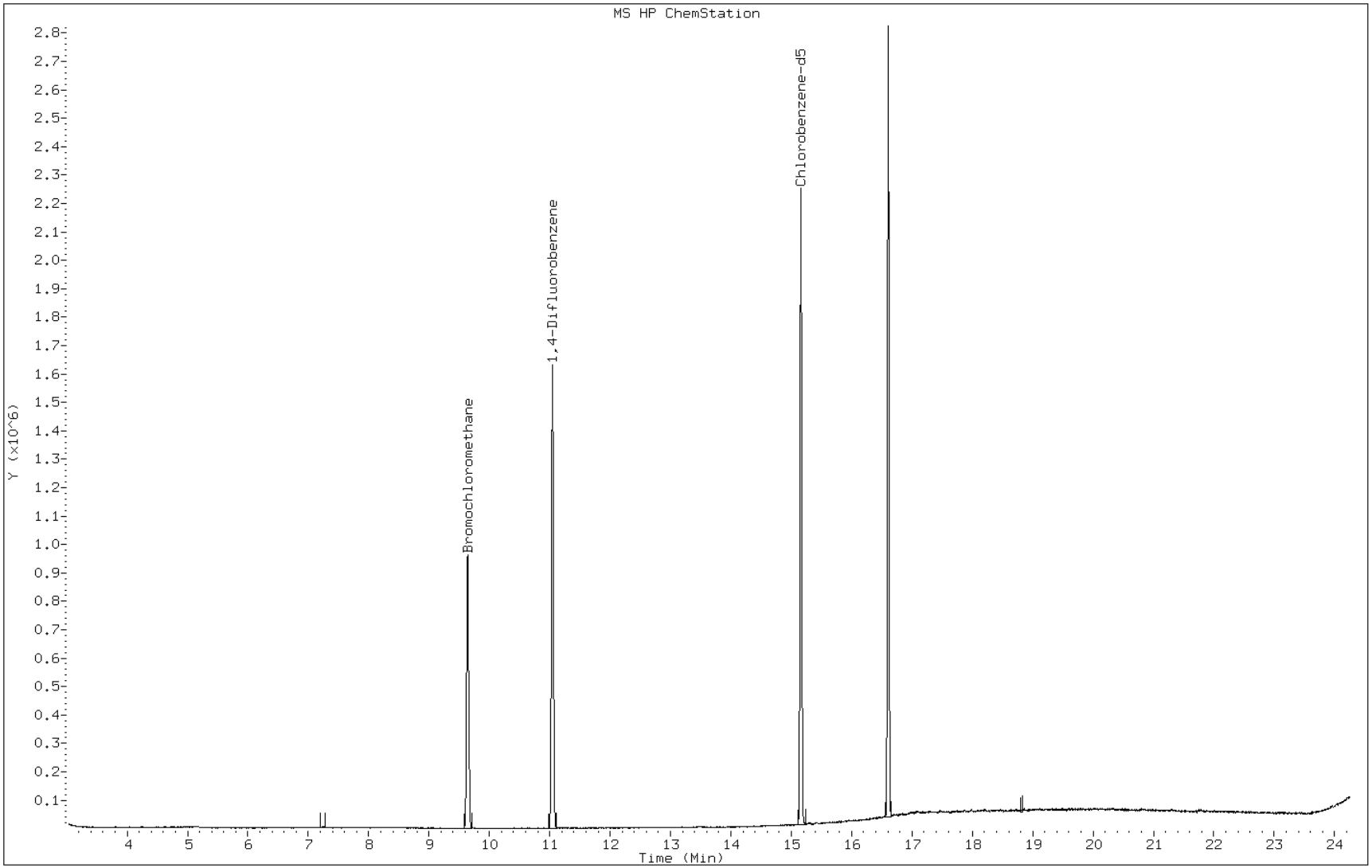
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.242	7.252	(0.751)	3750	0.15151	0.15(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.644	9.654	(1.000)	359537	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.045	11.056	(1.000)	1732405	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.159	15.170	(1.000)	1548650	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	67 n-Nonane	57	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76 n-Propylbenzene	91	Compound Not Detected.					
	77 1,2,3-Trichloropropane	75	Compound Not Detected.					
	78 n-Decane	57	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82 Alpha Methyl Styrene	118	Compound Not Detected.					
	83 tert-butylbenzene	119	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85 sec-Butylbenzene	105	Compound Not Detected.					
	86 4-Isopropyltoluene	119	Compound Not Detected.					
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					
	88 1,4-Dichlorobenzene	146	Compound Not Detected.					
	89 Benzyl chloride	91	Compound Not Detected.					
	90 Undecane	57	Compound Not Detected.					
	91 n-Butylbenzene	91	Compound Not Detected.					
	92 1,2-Dichlorobenzene	146	Compound Not Detected.					
	93 Dodecane	57	Compound Not Detected.					
	94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96 Naphthalene	128	Compound Not Detected.					
	97 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gese004.d	Date:	15-JUL-2010 13:38
Client ID:	MB	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	MB		
Lab Sample ID:	MB		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab File ID: ges001.d BFB Injection Date: 07/10/2010

Instrument ID: G.i BFB Injection Time: 14:31

Analysis Batch No.: 4225

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.5	
75	30.0 - 66.0% of mass 95	49.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	105.3	
175	4.0 - 9.0 % of mass 174	7.3	(6.9)1
176	93.0 - 101.0% of mass 174	102.1	(96.9)1
177	5.0 - 9.0% of mass 176	6.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-4225/3	ges003.d	07/10/2010	16:05
	IC 200-4225/4	ges004.d	07/10/2010	16:53
	IC 200-4225/5	ges005.d	07/10/2010	17:42
	ICIS 200-4225/6	ges006.d	07/10/2010	18:30
	IC 200-4225/7	ges007.d	07/10/2010	19:19
	IC 200-4225/8	ges008.d	07/10/2010	20:08
	IC 200-4225/9	ges009.d	07/10/2010	20:56
	ICV 200-4225/11	ges011.d	07/10/2010	23:04

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab File ID: gese001.d BFB Injection Date: 07/15/2010

Instrument ID: G.i BFB Injection Time: 11:09

Analysis Batch No.: 4339

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.1	
75	30.0 - 66.0% of mass 95	53.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.6	(0.5)1
174	50.0 - 120.0% of mass 95	107.6	
175	4.0 - 9.0 % of mass 174	7.7	(7.1)1
176	93.0 - 101.0% of mass 174	105.6	(98.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-4339/2	gese002.d	07/15/2010	12:01
	LCS 200-4339/3	gese003.d	07/15/2010	12:49
	MB 200-4339/4	gese004.d	07/15/2010	13:38
2614	200-737-2	gese017.d	07/16/2010	00:21

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Sample No.: ICIS 200-4225/6 Date Analyzed: 07/10/2010 18:30

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ges006.d Heated Purge: (Y/N) N

Calibration ID: 1501

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		531805	9.65	2358272	11.06	2404051	15.17
UPPER LIMIT		744527	9.98	3301581	11.39	3365671	15.50
LOWER LIMIT		319083	9.32	1414963	10.73	1442431	14.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-4225/11		556308	9.65	2320387	11.06	2371920	15.16

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Sample No.: CCVIS 200-4339/2 Date Analyzed: 07/15/2010 12:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gese002.d Heated Purge: (Y/N) N

Calibration ID: 1501

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		378192	9.64	1617310	11.05	1660185	15.16
UPPER LIMIT		529469	9.97	2264234	11.38	2324259	15.49
LOWER LIMIT		226915	9.31	970386	10.72	996111	14.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-4339/3		401448	9.64	1809769	11.05	1836058	15.16
MB 200-4339/4		359537	9.64	1732405	11.05	1548650	15.16
200-737-2	2614	354406	9.64	1773734	11.05	1495344	15.16

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: 2614 Lab Sample ID: 200-737-2

Matrix: Air Lab File ID: gese017.d

Analysis Method: TO-15 Date Collected: 07/14/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/16/2010 00:21

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: 2614 Lab Sample ID: 200-737-2

Matrix: Air Lab File ID: gese017.d

Analysis Method: TO-15 Date Collected: 07/14/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/16/2010 00:21

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: 2614 Lab Sample ID: 200-737-2

Matrix: Air Lab File ID: gese017.d

Analysis Method: TO-15 Date Collected: 07/14/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/16/2010 00:21

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-737-2
Client Smp ID: 2614
Inj Date : 16-JUL-2010 00:21
Operator : wrd Inst ID: G.i
Smp Info : 200-737-A-2
Misc Info : 1000,.2.6 liter batch cert
Comment :
Method : /chem/G.i/Gsvr.p/geseto15.b/to15v5.m
Meth Date : 19-Jul-2010 16:10 wrd Quant Type: ISTD
Cal Date : 10-JUL-2010 20:56 Cal File: ges009.d
Als bottle: 16
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

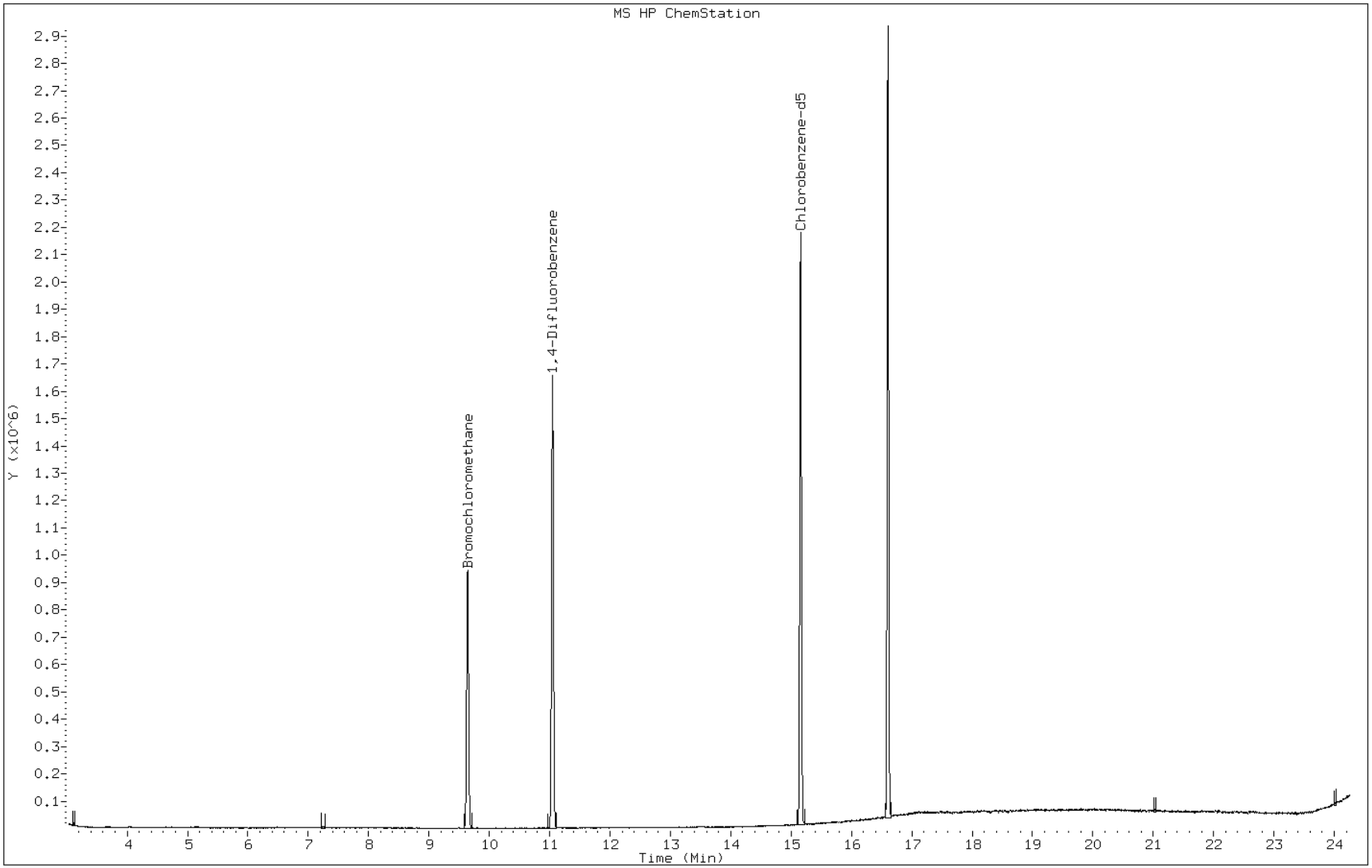
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.242	7.252	(0.751)	3283	0.13457	0.027(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.644	9.654	(1.000)	354406	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.045	11.056	(1.000)	1773734	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.159	15.170	(1.000)	1495344	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gese017.d	Date:	16-JUL-2010 00:21
Client ID:	2614	Instrument:	G.i
Operator:	wrd	Inj Vol:	100.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-737-A-2		
Lab Sample ID:	200-737-2		



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-4225/3	ges003.d
Level 2	IC 200-4225/4	ges004.d
Level 3	IC 200-4225/5	ges005.d
Level 4	ICIS 200-4225/6	ges006.d
Level 5	IC 200-4225/7	ges007.d
Level 6	IC 200-4225/8	ges008.d
Level 7	IC 200-4225/9	ges009.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.4158	0.4345 0.4067	0.4228	0.4301	0.4224	Ave		0.4220				2.4		30.0			
Dichlorodifluoromethane	+++++ 2.7176	2.9349 2.5645	2.8869	2.8708	2.7854	Ave		2.7933				4.9		30.0			
Freon 22	+++++ 1.2021	1.2893 1.1443	1.2470	1.2435	1.2090	Ave		1.2225				4.0		30.0			
1,2-Dichlorotetrafluoroethane	2.3721 2.3273	2.4808 2.2266	2.4275	2.4373	2.3556	Ave		2.3753				3.5		30.0			
Chloromethane	+++++ 0.4794	0.5304 0.4661	0.4948	0.4939	0.4803	Ave		0.4908				4.5		30.0			
n-Butane	+++++ 0.7028	0.6953 0.6910	0.6792	0.7179	0.7034	Ave		0.6983				1.9		30.0			
Vinyl chloride	0.6172 0.6117	0.6249 0.5976	0.6210	0.6341	0.6201	Ave		0.6181				1.8		30.0			
1,3-Butadiene	0.3917 0.3932	0.3688 0.3835	0.3872	0.4009	0.3937	Ave		0.3884				2.6		30.0			
Bromomethane	0.9402 0.9039	0.9074 0.8479	0.8889	0.9162	0.9083	Ave		0.9018				3.1		30.0			
Chloroethane	+++++ 0.3019	0.3038 0.2914	0.2892	0.3016	0.3003	Ave		0.2980				2.1		30.0			
Isopentane	0.6411 0.5196	0.5373 0.5097	0.4932	0.5186	0.5126	Ave		0.5332				9.3		30.0			
Bromoethene(Vinyl Bromide)	0.9467 1.0023	1.0331 0.9500	0.9797	1.0177	0.9924	Ave		0.9888				3.3		30.0			
Trichlorofluoromethane	3.2544 3.2125	3.3842 3.0700	3.2880	3.3284	3.2280	Ave		3.2522				3.1		30.0			
n-Pentane	+++++ 0.7045	0.7302 0.6966	0.6860	0.7068	0.6925	Ave		0.7028				2.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.1554	0.1499 0.1602	0.1518	0.1513	0.1518	Ave		0.1534				2.5		30.0			
Ethyl ether	0.3362 0.3533	0.3609 0.3493	0.3367	0.3439	0.3499	Ave		0.3472				2.6		30.0			
Acrolein	+++++ 0.1810	+++++ 0.1764	0.1724	0.1740	0.1773	Ave		0.1762				1.9		30.0			
Freon TF	1.8988 1.8661	1.9201 1.7921	1.8825	1.9017	1.8517	Ave		1.8733				2.3		30.0			
1,1-Dichloroethene	0.9226 0.7588	0.8004 0.7446	0.7502	0.7643	0.7528	Ave		0.7848				8.1		30.0			
tert-Butyl alcohol	+++++ 0.9720	+++++ 0.9915	0.9797	0.9929	0.9730	Ave		0.9818				1.0		30.0			
Acetone	+++++ 0.7759	+++++ 0.7731	0.7857	0.7699	0.7638	Ave		0.7737				1.0		30.0			
Isopropyl alcohol	+++++ 0.5318	+++++ 0.5573	0.5351	0.5308	0.5328	Ave		0.5376				2.1		30.0			
Carbon disulfide	+++++ 2.1258	2.0807 2.0975	2.0815	2.1356	2.1040	Ave		2.1042				1.1		30.0			
3-Chloropropene	0.5938 0.5566	0.5336 0.5449	0.5396	0.5528	0.5489	Ave		0.5529				3.6		30.0			
Acetonitrile	+++++ 0.2631	+++++ 0.2579	0.2602	0.2559	0.2573	Ave		0.2589				1.1		30.0			
Methylene Chloride	+++++ 0.6586	0.8409 0.6352	0.6741	0.6715	0.6500	Ave		0.6884				11.1		30.0			
Methyl tert-butyl ether	2.0673 1.9998	2.0016 1.9985	1.9831	1.9667	1.9745	Ave		1.9988				1.7		30.0			
trans-1,2-Dichloroethene	1.1033 1.0495	1.0651 1.0328	1.0326	1.0657	1.0393	Ave		1.0555				2.4		30.0			
n-Hexane	0.7820 0.8108	0.8029 0.8058	0.8033	0.8142	0.8010	Ave		0.8028				1.3		30.0			
Ethyl acetate	+++++ 0.0511	+++++ 0.0514	0.0487	0.0492	0.0487	Ave		0.0498				2.7		30.0			
Tetrahydrofuran	+++++ 0.0992	+++++ 0.0991	0.0967	0.1003	0.1003	Ave		0.0991				1.5		30.0			
1,1-Dichloroethane	1.4500 1.2969	1.3058 1.2798	1.2931	1.3027	1.2851	Ave		1.3162				4.5		30.0			
Vinyl acetate	+++++ 1.2683	+++++ 1.2569	1.1854	1.2001	1.2361	Ave		1.2294				2.9		30.0			
1,4-Dioxane	+++++ 0.0630	+++++ 0.0640	0.0662	0.0671	0.0655	Ave		0.0651				2.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.9491 0.9125	0.9338 0.9003	0.9077	0.9191	0.9038	Ave		0.9180				1.9		30.0			
Methyl Ethyl Ketone	+++++ 0.2838	0.2771 0.2916	0.2723	0.2774	0.2804	Ave		0.2804				2.4		30.0			
Chloroform	2.1722 2.1033	2.1798 2.0556	2.1596	2.1452	2.0942	Ave		2.1300				2.2		30.0			
Cyclohexane	0.2260 0.2237	0.2320 0.2207	0.2193	0.2285	0.2235	Ave		0.2248				2.0		30.0			
1,1,1-Trichloroethane	0.5819 0.5863	0.6013 0.5659	0.5947	0.6145	0.5911	Ave		0.5908				2.6		30.0			
Carbon tetrachloride	0.6672 0.7115	0.7064 0.6841	0.7131	0.7350	0.7133	Ave		0.7044				3.1		30.0			
2,2,4-Trimethylpentane	0.5802 0.5982	0.5887 0.5975	0.5842	0.6047	0.5902	Ave		0.5920				1.5		30.0			
Benzene	0.5295 0.4894	0.5121 0.4975	0.4950	0.4978	0.4841	Ave		0.5008				3.1		30.0			
1,2-Dichloroethane	0.3191 0.3144	0.3110 0.3077	0.3137	0.3197	0.3116	Ave		0.3139				1.4		30.0			
n-Heptane	0.1948 0.1879	0.1871 0.1892	0.1827	0.1893	0.1848	Ave		0.1880				2.1		30.0			
Trichloroethene	0.3053 0.3026	0.3035 0.2969	0.3056	0.3102	0.3006	Ave		0.3035				1.4		30.0			
1,2-Dichloropropane	0.1575 0.1591	0.1574 0.1576	0.1553	0.1577	0.1541	Ave		0.1570				1.1		30.0			
Methyl methacrylate	+++++ 0.1450	0.1110 0.1500	0.1306	0.1394	0.1437	Ave		0.1366				10.3		30.0			
Dibromomethane	0.3246 0.3225	0.3283 0.3118	0.3259	0.3317	0.3190	Ave		0.3234				2.0		30.0			
Bromodichloromethane	0.4823 0.5431	0.4873 0.5309	0.5289	0.5476	0.5354	Ave		0.5222				5.1		30.0			
cis-1,3-Dichloropropene	0.3054 0.3195	0.2932 0.3138	0.2994	0.3137	0.3086	Ave		0.3077				3.0		30.0			
methyl isobutyl ketone	+++++ 0.2233	0.1918 0.2339	0.2075	0.2160	0.2191	Ave		0.2153				6.7		30.0			
n-Octane	0.2737 0.2704	0.2645 0.2775	0.2573	0.2655	0.2636	Ave		0.2675				2.6		30.0			
Toluene	0.4214 0.4029	0.4049 0.4076	0.3883	0.3933	0.3875	Ave		0.4008				3.0		30.0			
trans-1,3-Dichloropropene	0.3145 0.3604	0.3186 0.3598	0.3415	0.3521	0.3531	Ave		0.3429				5.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.1960 0.2079	0.2051 0.2065	0.2013	0.2066	0.2019	Ave		0.2036				2.0		30.0			
Tetrachloroethene	0.4952 0.4562	0.4824 0.4416	0.4656	0.4651	0.4484	Ave		0.4649				4.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2150	0.1764 0.2255	0.1993	0.2084	0.2079	Ave		0.2054				8.1		30.0			
Dibromochloromethane	0.5104 0.6532	0.5473 0.6421	0.6193	0.6453	0.6348	Ave		0.6075				9.2		30.0			
1,2-Dibromoethane	0.4282 0.4787	0.4337 0.4770	0.4624	0.4724	0.4662	Ave		0.4598				4.5		30.0			
Chlorobenzene	0.6130 0.6400	0.6167 0.6427	0.6201	0.6285	0.6223	Ave		0.6262				1.8		30.0			
Ethylbenzene	0.8906 0.9416	0.8838 0.9450	0.9013	0.9095	0.9127	Ave		0.9121				2.6		30.0			
n-Nonane	0.2672 0.2972	0.2774 0.3174	0.2774	0.2839	0.2867	Ave		0.2867				5.7		30.0			
m,p-Xylene	0.3475 0.3852	0.3629 0.3934	0.3711	0.3720	0.3742	Ave		0.3723				4.0		30.0			
Xylene, o-	0.3742 0.3777	0.3625 0.3775	0.3667	0.3663	0.3662	Ave		0.3702				1.7		30.0			
Styrene	0.4491 0.5970	0.4520 0.6045	0.5446	0.5648	0.5765	Ave		0.5412				12.0		30.0			
Bromoform	0.5102 0.6972	0.5487 0.6474	0.6663	0.6915	0.6807	Ave		0.6346				11.7		30.0			
Cumene	1.0532 1.1206	1.0723 1.1160	1.0787	1.0891	1.0930	Ave		1.0890				2.2		30.0			
1,1,2,2-Tetrachloroethane	0.4835 0.5511	0.5013 0.5433	0.5314	0.5391	0.5361	Ave		0.5266				4.7		30.0			
n-Propylbenzene	1.0658 1.2975	1.1292 1.2747	1.2511	1.2574	1.2638	Ave		1.2199				7.1		30.0			
1,2,3-Trichloropropane	+++++ 0.4211	0.3768 0.4204	0.4059	0.4071	0.4103	Ave		0.4069				4.0		30.0			
n-Decane	+++++ 0.3725	0.2713 0.3868	0.3504	0.3590	0.3615	Ave		0.3503				11.6		30.0			
n-Dodecane	+++++ 0.2051	+++++ 0.1983	0.1444	0.1770	0.1850	Ave		0.1820				13.0		30.0			
4-Ethyltoluene	0.9058 1.1548	1.0076 1.1551	1.1050	1.1230	1.1294	Ave		1.0830				8.6		30.0			
2-Chlorotoluene	0.8936 1.0739	0.9100 1.0628	0.9599	0.9780	0.9712	Ave		0.9785				7.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	0.7755 0.9826	0.8587 0.9831	0.9392	0.9456	0.9566	Ave		0.9202				8.3		30.0			
tert-Butylbenzene	0.8352 0.9621	0.9106 0.9499	0.9436	0.9436	0.9464	Ave		0.9273				4.7		30.0			
1,2,4-Trimethylbenzene	0.7490 0.9891	0.8383 0.9822	0.9474	0.9553	0.9632	Ave		0.9178				9.8		30.0			
sec-Butylbenzene	1.1088 1.3821	1.2366 1.3494	1.3402	1.3424	1.3455	Ave		1.3007				7.4		30.0			
4-Isopropyltoluene	0.8184 1.2379	1.0043 1.2125	1.1750	1.1973	1.2120	Ave		1.1225				13.8		30.0			
1,3-Dichlorobenzene	0.6553 0.8024	0.6499 0.7743	0.7518	0.7672	0.7755	Ave		0.7395				8.3		30.0			
1,4-Dichlorobenzene	0.6222 0.8019	0.6584 0.7723	0.7374	0.7583	0.7664	Ave		0.7310				9.0		30.0			
Benzyl chloride	0.4818 0.8447	0.5306 0.8425	0.7318	0.7791	0.8032	Ave		0.7162				20.8		30.0			
n-Undecane	+++++ 0.3638	+++++ 0.4041	0.2421	0.2615	0.3143	Ave		0.3172				21.4		30.0			
n-Butylbenzene	0.5872 1.0326	0.6705 1.0159	0.9586	0.9880	1.0174	Ave		0.8957				20.7		30.0			
1,2-Dichlorobenzene	0.6038 0.7636	0.6410 0.7301	0.7244	0.7371	0.7480	Ave		0.7069				8.5		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5233	0.2275 0.5003	0.3514	0.4230	0.4676	Ave		0.4155				26.6		30.0			
Hexachlorobutadiene	0.3167 0.5152	0.3767 0.4318	0.5150	0.5109	0.5023	Ave		0.4527				17.7		30.0			
Naphthalene	+++++ 0.9171	0.3714 0.9358	0.5547	0.7042	0.8106	Ave		0.7156				30.8	*	30.0			
1,2,3-Trichlorobenzene	0.2165 0.4165	0.1871 0.3943	0.2762	0.3269	0.3606	Ave		0.3111				28.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-4225/3	ges003.d
Level 2	IC 200-4225/4	ges004.d
Level 3	IC 200-4225/5	ges005.d
Level 4	ICIS 200-4225/6	ges006.d
Level 5	IC 200-4225/7	ges007.d
Level 6	IC 200-4225/8	ges008.d
Level 7	IC 200-4225/9	ges009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 455422	11067 937217	108913	228722	342884	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	+++++ 2976691	74749 5909468	743710	1526719	2261085	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	+++++ 1316694	32838 2636820	321233	661301	981406	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	26051 2549209	63185 5130815	625358	1296161	1912180	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	+++++ 525107	13510 1074163	127478	262639	389912	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	+++++ 769774	17710 1592407	174963	381768	570993	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	6778 670028	15916 1376975	159989	337192	503354	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	4302 430747	9393 883738	99753	213199	319608	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	10326 990118	23111 1953913	228993	487247	737284	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	+++++ 330654	7738 671393	74496	160387	243785	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	7041 569200	13684 1174497	127053	275794	416133	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	10397 1097923	26313 2189193	252387	541198	805559	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	35741 3518853	86193 7074285	847024	1770038	2620399	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	+++++ 771641	18598 1605099	176735	375868	562125	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	+++++ 340426	38177 922873	78196	120700	164324	+++++ 40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	3692 387010	9191 804911	86737	182901	284023	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	+++++ 198281	+++++ 406452	44406	92537	143952	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	20853 2044091	48903 4129620	484962	1011326	1503105	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	10132 831159	20385 1715734	193274	406466	611062	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	+++++ 1064733	+++++ 2284650	252394	528024	789838	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	+++++ 849856	+++++ 1781415	202407	409450	620045	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	+++++ 582523	+++++ 1284148	137857	282296	432509	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	+++++ 2328489	52994 4833347	536210	1135712	1707967	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	6521 609657	13590 1255648	139005	293957	445605	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	+++++ 288206	+++++ 594279	67020	136084	208849	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	+++++ 721394	21417 1463759	173651	357099	527685	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	22704 2190535	50979 4605209	510869	1045884	1602803	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12117 1149619	27128 2379899	266013	566758	843650	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	8588 888086	20450 1856764	206941	432989	650224	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	+++++ 55949	+++++ 118469	12552	26152	39520	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	+++++ 489756	+++++ 1036612	113394	236633	364099	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	15925 1420554	33258 2949108	333121	692762	1043164	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	+++++ 1389234	+++++ 2896350	305368	638213	1003405	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	+++++ 310837	+++++ 668777	77594	158192	237710	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	10423 999550	23784 2074631	233837	488784	733636	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 310914	7058 671859	70149	147536	227641	+++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chloroform	BCM	Ave	23856 2303841	55518 4736801	556338	1140830	1699986	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	11412 1104108	26604 2307565	257191	538895	811600	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	29389 2893227	68956 5917812	697485	1449156	2146243	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	33693 3511306	81018 7153827	836393	1733319	2589937	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	29301 2951835	67520 6248345	685162	1426099	2142873	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	26742 2414924	58731 5202703	580519	1173867	1757481	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	16113 1551545	35669 3218014	367949	753972	1131275	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	9838 927416	21458 1978739	214237	446378	670833	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	15418 1493029	34811 3105276	358383	731602	1091289	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	7952 785159	18056 1647973	182107	371800	559639	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	+++++ 715511	12731 1568638	153171	328807	521721	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	16395 1591354	37646 3260421	382186	782143	1158113	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	24357 2680326	55884 5551679	620350	1291409	1943918	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	15425 1576654	33623 3281352	351142	739793	1120392	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	+++++ 1102166	21994 2445751	243407	509320	795512	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	13823 1334269	30331 2902191	301795	626204	956889	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	20881 2031150	46829 4317327	464148	945557	1451036	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	15884 1778416	36543 3763174	400492	830392	1282065	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9713 1048053	23717 2186501	240581	496659	755999	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrachloroethene	CBZ	Ave	24539 2300019	55793 4677068	556581	1118163	1679432	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1083952	20403 2388172	238263	501002	778536	+++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromochloromethane	CBZ	Ave	25294 3293112	63292 6800677	740300	1551321	2377534	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	21219 2413395	50155 5051348	552756	1135582	1745892	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	30378 3226461	71326 6806716	741213	1511058	2330611	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	44136 4747369	102209 10008823	1077418	2186517	3418066	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	13243 1498368	32076 3361692	331568	682404	1073716	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	34442 3884036	83932 8333213	887191	1788419	2803030	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	18544 1904477	41923 3997814	438368	880548	1371604	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	22254 3009921	52279 6402530	651029	1357695	2159021	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	25281 3514828	63457 6856704	796520	1662289	2549230	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	52192 5649839	124007 11819143	1289532	2618275	4093262	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	23960 2778653	57970 5754488	635251	1296104	2007789	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	52817 6541747	130591 13499846	1495527	3022886	4733068	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 2123217	43577 4451931	485247	978769	1536753	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	+++++ 1878176	31381 4096504	418826	863021	1353968	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	+++++ 1034013	+++++ 2100571	172665	425436	692843	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	44888 5822309	116529 12233362	1320874	2699861	4229528	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	44282 5414189	105243 11255726	1147442	2351061	3637212	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	38431 4954082	99312 10412041	1122711	2273176	3582512	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	41390 4850737	105309 10060627	1128022	2268381	3544203	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	37118 4986822	96945 10402545	1132560	2296651	3607401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	54946 6968274	143017 14291351	1602098	3227174	5038907	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Isopropyltoluene	CBZ	Ave	40557 6241159	116149 12841118	1404647	2878254	4538843	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	32475 4045265	75160 8200867	898747	1844449	2904110	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	30832 4042714	76144 8178839	881465	1822989	2870369	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	23877 4258760	61365 8922751	874801	1872999	3008047	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	+++++ 1834071	+++++ 4280220	289392	628650	1177161	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	29100 5205932	77544 10759252	1145860	2375187	3810325	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	29922 3849958	74137 7732663	865972	1772006	2801127	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2638106	26311 5298212	420040	1016982	1751232	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	15695 2597369	43568 4572949	615593	1228287	1881039	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	+++++ 4623944	42955 9910982	663072	1692907	3035643	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	10731 2099671	21643 4175465	330145	785779	1350353	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: ICV 200-4225/11 Calibration Date: 07/10/2010 23:04

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: ges011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4220	0.4227		10.0	10.0	0.2	30.0
Dichlorodifluoromethane	Ave	2.793	2.795		10.0	10.0	0.0	30.0
Freon 22	Ave	1.223	1.222		10.0	10.0	-0.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.375	2.362		9.94	10.0	-0.6	30.0
Chloromethane	Ave	0.4908	0.4897		9.98	10.0	-0.2	30.0
n-Butane	Ave	0.6983	0.6985		10.0	10.0	0.0	30.0
Vinyl chloride	Ave	0.6181	0.6223		10.1	10.0	0.7	30.0
1,3-Butadiene	Ave	0.3884	0.4108		10.6	10.0	5.7	30.0
Bromomethane	Ave	0.9018	0.8590		9.52	10.0	-4.8	30.0
Chloroethane	Ave	0.2980	0.2907		9.75	10.0	-2.5	30.0
Isopentane	Ave	0.5332	0.5270		9.88	10.0	-1.2	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9888	1.002		10.1	10.0	1.3	30.0
Trichlorofluoromethane	Ave	3.252	3.165		9.73	10.0	-2.7	30.0
n-Pentane	Ave	0.7028	0.6898		9.81	10.0	-1.8	30.0
Ethanol	Ave	0.1534	0.1251		12.3	15.0	-18.4	30.0
Ethyl ether	Ave	0.3472	0.3001		8.64	10.0	-13.6	30.0
Acrolein	Ave	0.1762	0.1342		7.61	10.0	-23.9	30.0
Freon TF	Ave	1.873	2.007		10.7	10.0	7.2	30.0
1,1-Dichloroethene	Ave	0.7848	0.8350		10.6	10.0	6.4	30.0
Acetone	Ave	0.7737	0.6874		8.88	10.0	-11.1	30.0
Isopropyl alcohol	Ave	0.5376	0.4514		8.40	10.0	-16.0	30.0
Carbon disulfide	Ave	2.104	2.132		10.1	10.0	1.3	30.0
3-Chloropropene	Ave	0.5529	0.5648		10.2	10.0	2.2	30.0
Acetonitrile	Ave	0.2589	0.2250		8.69	10.0	-13.1	30.0
Methylene Chloride	Ave	0.6884	0.7062		10.3	10.0	2.6	30.0
tert-Butyl alcohol	Ave	0.9818	0.8610		8.77	10.0	-12.3	30.0
Methyl tert-butyl ether	Ave	1.999	1.701		8.51	10.0	-14.9	30.0
trans-1,2-Dichloroethene	Ave	1.055	1.043		9.88	10.0	-1.2	30.0
n-Hexane	Ave	0.8028	0.8128		10.1	10.0	1.2	30.0
1,1-Dichloroethane	Ave	1.316	1.293		9.82	10.0	-1.7	30.0
Vinyl acetate	Ave	1.229	1.049		8.53	10.0	-14.7	30.0
cis-1,2-Dichloroethene	Ave	0.9180	0.9366		10.2	10.0	2.0	30.0
Ethyl acetate	Ave	0.0498	0.0407		8.17	10.0	-18.3	30.0
Methyl Ethyl Ketone	Ave	0.2804	0.2424		8.64	10.0	-13.6	30.0
Tetrahydrofuran	Ave	0.0991	0.0910		9.18	10.0	-8.2	30.0
Chloroform	Ave	2.130	2.081		9.77	10.0	-2.3	30.0
Cyclohexane	Ave	0.2248	0.2389		10.6	10.0	6.3	30.0
1,1,1-Trichloroethane	Ave	0.5908	0.6212		10.5	10.0	5.1	30.0
Carbon tetrachloride	Ave	0.7044	0.7350		10.4	10.0	4.3	30.0
2,2,4-Trimethylpentane	Ave	0.5920	0.6293		10.6	10.0	6.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: ICV 200-4225/11 Calibration Date: 07/10/2010 23:04

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: ges011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5008	0.5109		10.2	10.0	2.0	30.0
1,2-Dichloroethane	Ave	0.3139	0.3178		10.1	10.0	1.2	30.0
n-Heptane	Ave	0.1880	0.1974		10.5	10.0	5.0	30.0
Trichloroethene	Ave	0.3035	0.3158		10.4	10.0	4.1	30.0
1,2-Dichloropropane	Ave	0.1570	0.1508		9.61	10.0	-3.9	30.0
Methyl methacrylate	Ave	0.1366	0.1212		8.87	10.0	-11.3	30.0
1,4-Dioxane	Ave	0.0651	0.0556		8.53	10.0	-14.6	30.0
Dibromomethane	Ave	0.3234	0.3317		10.3	10.0	2.6	30.0
Bromodichloromethane	Ave	0.5222	0.5588		10.7	10.0	7.0	30.0
cis-1,3-Dichloropropene	Ave	0.3077	0.2984		9.70	10.0	-3.0	30.0
methyl isobutyl ketone	Ave	0.2153	0.2207		10.2	10.0	2.5	30.0
n-Octane	Ave	0.2675	0.2643		9.88	10.0	-1.2	30.0
Toluene	Ave	0.4008	0.3750		9.35	10.0	-6.4	30.0
trans-1,3-Dichloropropene	Ave	0.3429	0.3289		9.59	10.0	-4.1	30.0
1,1,2-Trichloroethane	Ave	0.2036	0.1875		9.21	10.0	-7.9	30.0
Tetrachloroethene	Ave	0.4649	0.4507		9.69	10.0	-3.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2054	0.2127		10.4	10.0	3.5	30.0
Dibromochloromethane	Ave	0.6075	0.6231		10.3	10.0	2.6	30.0
1,2-Dibromoethane	Ave	0.4598	0.4397		9.56	10.0	-4.4	30.0
Chlorobenzene	Ave	0.6262	0.5820		9.29	10.0	-7.1	30.0
Ethylbenzene	Ave	0.9121	0.8279		9.08	10.0	-9.2	30.0
n-Nonane	Ave	0.2867	0.2691		9.38	10.0	-6.2	30.0
m,p-Xylene	Ave	0.3723	0.3270		17.6	20.0	-12.2	30.0
Xylene, o-	Ave	0.3702	0.3188		8.61	10.0	-13.9	30.0
Styrene	Ave	0.5412	0.4964		9.17	10.0	-8.3	30.0
Bromoform	Ave	0.6346	0.6402		10.1	10.0	0.9	30.0
Cumene	Ave	1.089	0.9584		8.80	10.0	-12.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5266	0.4545		8.63	10.0	-13.7	30.0
n-Propylbenzene	Ave	1.220	1.093		8.96	10.0	-10.4	30.0
1,2,3-Trichloropropane	Ave	0.4069	0.3552		8.73	10.0	-12.7	30.0
n-Decane	Ave	0.3503	0.3099		8.85	10.0	-11.5	30.0
4-Ethyltoluene	Ave	1.083	0.9817		9.06	10.0	-9.4	30.0
2-Chlorotoluene	Ave	0.9785	0.9523		9.73	10.0	-2.7	30.0
1,3,5-Trimethylbenzene	Ave	0.9202	0.7993		8.68	10.0	-13.1	30.0
tert-Butylbenzene	Ave	0.9273	0.8076		8.71	10.0	-12.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9178	0.7849		8.55	10.0	-14.5	30.0
sec-Butylbenzene	Ave	1.301	1.151		8.85	10.0	-11.5	30.0
4-Isopropyltoluene	Ave	1.122	1.013		9.03	10.0	-9.7	30.0
1,3-Dichlorobenzene	Ave	0.7395	0.6583		8.90	10.0	-11.0	30.0
1,4-Dichlorobenzene	Ave	0.7310	0.6556		8.97	10.0	-10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: ICV 200-4225/11 Calibration Date: 07/10/2010 23:04

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: ges011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.7162	0.6482		9.05	10.0	-9.5	30.0
n-Undecane	Ave	0.3172	0.2599		8.19	10.0	-18.0	30.0
n-Butylbenzene	Ave	0.8957	0.8320		9.29	10.0	-7.1	30.0
1,2-Dichlorobenzene	Ave	0.7069	0.6090		8.61	10.0	-13.8	30.0
n-Dodecane	Ave	0.1820	0.1916		10.5	10.0	5.3	30.0
1,2,4-Trichlorobenzene	Ave	0.4155	0.3653		8.79	10.0	-12.1	30.0
Hexachlorobutadiene	Ave	0.4527	0.4282		9.46	10.0	-5.4	30.0
Naphthalene	Ave	0.7156	0.7209		10.1	10.0	0.7	30.0
1,2,3-Trichlorobenzene	Ave	0.3111	0.3303		10.6	10.0	6.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: CCVIS 200-4339/2 Calibration Date: 07/15/2010 12:01

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: gese002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4220	0.5027		11.9	10.0	19.1	30.0
Dichlorodifluoromethane	Ave	2.793	3.380		12.1	10.0	21.0	30.0
Freon 22	Ave	1.223	1.437		11.7	10.0	17.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.375	2.733		11.5	10.0	15.0	30.0
Chloromethane	Ave	0.4908	0.5376		11.0	10.0	9.5	30.0
n-Butane	Ave	0.6983	0.7893		11.3	10.0	13.0	30.0
Vinyl chloride	Ave	0.6181	0.6801		11.0	10.0	10.0	30.0
1,3-Butadiene	Ave	0.3884	0.4240		10.9	10.0	9.1	30.0
Bromomethane	Ave	0.9018	0.9257		10.3	10.0	2.6	30.0
Chloroethane	Ave	0.2980	0.3003		10.1	10.0	0.8	30.0
Isopentane	Ave	0.5332	0.5368		10.1	10.0	0.7	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9888	1.035		10.5	10.0	4.6	30.0
Trichlorofluoromethane	Ave	3.252	3.460		10.6	10.0	6.4	30.0
n-Pentane	Ave	0.7028	0.6880		9.79	10.0	-2.1	30.0
Ethanol	Ave	0.1534	0.1408		13.8	15.0	-8.2	30.0
Ethyl ether	Ave	0.3472	0.3108		8.95	10.0	-10.5	30.0
Acrolein	Ave	0.1762	0.1551		8.80	10.0	-12.0	30.0
Freon TF	Ave	1.873	1.844		9.84	10.0	-1.6	30.0
1,1-Dichloroethene	Ave	0.7848	0.7266		9.26	10.0	-7.4	30.0
Acetone	Ave	0.7737	0.7688		9.93	10.0	-0.6	30.0
Isopropyl alcohol	Ave	0.5376	0.5009		9.32	10.0	-6.8	30.0
Carbon disulfide	Ave	2.104	1.998		9.49	10.0	-5.0	30.0
3-Chloropropene	Ave	0.5529	0.5255		9.50	10.0	-5.0	30.0
Acetonitrile	Ave	0.2589	0.2397		9.26	10.0	-7.4	30.0
Methylene Chloride	Ave	0.6884	0.6596		9.58	10.0	-4.2	30.0
tert-Butyl alcohol	Ave	0.9818	0.9516		9.69	10.0	-3.1	30.0
Methyl tert-butyl ether	Ave	1.999	1.841		9.21	10.0	-7.9	30.0
trans-1,2-Dichloroethene	Ave	1.055	1.018		9.65	10.0	-3.5	30.0
n-Hexane	Ave	0.8028	0.7537		9.39	10.0	-6.1	30.0
1,1-Dichloroethane	Ave	1.316	1.230		9.35	10.0	-6.5	30.0
Vinyl acetate	Ave	1.229	1.131		9.20	10.0	-8.0	30.0
cis-1,2-Dichloroethene	Ave	0.9180	0.8786		9.57	10.0	-4.3	30.0
Methyl Ethyl Ketone	Ave	0.2804	0.2543		9.07	10.0	-9.3	30.0
Ethyl acetate	Ave	0.0498	0.0445		8.92	10.0	-10.7	30.0
Tetrahydrofuran	Ave	0.0991	0.0937		9.45	10.0	-5.5	30.0
Chloroform	Ave	2.130	2.071		9.72	10.0	-2.8	30.0
Cyclohexane	Ave	0.2248	0.2309		10.3	10.0	2.7	30.0
1,1,1-Trichloroethane	Ave	0.5908	0.6543		11.1	10.0	10.7	30.0
Carbon tetrachloride	Ave	0.7044	0.7901		11.2	10.0	12.2	30.0
2,2,4-Trimethylpentane	Ave	0.5920	0.5757		9.72	10.0	-2.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: CCVIS 200-4339/2 Calibration Date: 07/15/2010 12:01

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: gese002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5008	0.4768		9.52	10.0	-4.8	30.0
1,2-Dichloroethane	Ave	0.3139	0.3313		10.6	10.0	5.5	30.0
n-Heptane	Ave	0.1880	0.1876		9.98	10.0	-0.2	30.0
Trichloroethene	Ave	0.3035	0.3160		10.4	10.0	4.1	30.0
1,2-Dichloropropane	Ave	0.1570	0.1502		9.57	10.0	-4.3	30.0
Methyl methacrylate	Ave	0.1366	0.1317		9.64	10.0	-3.6	30.0
1,4-Dioxane	Ave	0.0651	0.0655		10.1	10.0	0.6	30.0
Dibromomethane	Ave	0.3234	0.3532		10.9	10.0	9.2	30.0
Bromodichloromethane	Ave	0.5222	0.5568		10.7	10.0	6.6	30.0
cis-1,3-Dichloropropene	Ave	0.3077	0.3112		10.1	10.0	1.2	30.0
methyl isobutyl ketone	Ave	0.2153	0.2182		10.1	10.0	1.3	30.0
n-Octane	Ave	0.2675	0.2668		9.97	10.0	-0.3	30.0
Toluene	Ave	0.4008	0.3987		9.94	10.0	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.3429	0.3539		10.3	10.0	3.2	30.0
1,1,2-Trichloroethane	Ave	0.2036	0.2009		9.87	10.0	-1.3	30.0
Tetrachloroethene	Ave	0.4649	0.4879		10.5	10.0	4.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2054	0.2065		10.1	10.0	0.5	30.0
Dibromochloromethane	Ave	0.6075	0.6578		10.8	10.0	8.3	30.0
1,2-Dibromoethane	Ave	0.4598	0.4631		10.1	10.0	0.7	30.0
Chlorobenzene	Ave	0.6262	0.6354		10.1	10.0	1.5	30.0
Ethylbenzene	Ave	0.9121	0.9231		10.1	10.0	1.2	30.0
n-Nonane	Ave	0.2867	0.2771		9.66	10.0	-3.4	30.0
m,p-Xylene	Ave	0.3723	0.3767		20.2	20.0	1.2	30.0
Xylene, o-	Ave	0.3702	0.3564		9.63	10.0	-3.7	30.0
Styrene	Ave	0.5412	0.5479		10.1	10.0	1.2	30.0
Bromoform	Ave	0.6346	0.7296		11.5	10.0	15.0	30.0
Cumene	Ave	1.089	1.090		10.0	10.0	0.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5266	0.5054		9.60	10.0	-4.0	30.0
n-Propylbenzene	Ave	1.220	1.232		10.1	10.0	1.0	30.0
1,2,3-Trichloropropane	Ave	0.4069	0.3917		9.62	10.0	-3.8	30.0
n-Decane	Ave	0.3503	0.3266		9.32	10.0	-6.7	30.0
4-Ethyltoluene	Ave	1.083	1.092		10.1	10.0	0.9	30.0
2-Chlorotoluene	Ave	0.9785	0.9458		9.66	10.0	-3.3	30.0
1,3,5-Trimethylbenzene	Ave	0.9202	0.9207		10.0	10.0	0.0	30.0
tert-Butylbenzene	Ave	0.9273	0.8954		9.65	10.0	-3.4	30.0
1,2,4-Trimethylbenzene	Ave	0.9178	0.9100		9.91	10.0	-0.8	30.0
sec-Butylbenzene	Ave	1.301	1.283		9.86	10.0	-1.4	30.0
4-Isopropyltoluene	Ave	1.122	1.183		10.5	10.0	5.4	30.0
1,3-Dichlorobenzene	Ave	0.7395	0.7804		10.6	10.0	5.5	30.0
1,4-Dichlorobenzene	Ave	0.7310	0.7667		10.5	10.0	4.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: CCVIS 200-4339/2 Calibration Date: 07/15/2010 12:01

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: gese002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.7162	0.7597		10.6	10.0	6.1	30.0
n-Undecane	Ave	0.3172	0.2374		7.48	10.0	-25.2	30.0
n-Butylbenzene	Ave	0.8957	0.9451		10.5	10.0	5.5	30.0
1,2-Dichlorobenzene	Ave	0.7069	0.7359		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.1820	0.1751		9.62	10.0	-3.8	30.0
1,2,4-Trichlorobenzene	Ave	0.4155	0.4338		10.4	10.0	4.4	30.0
Hexachlorobutadiene	Ave	0.4527	0.5308		11.7	10.0	17.3	30.0
Naphthalene	Ave	0.7156	0.7240		10.1	10.0	1.2	30.0
1,2,3-Trichlorobenzene	Ave	0.3111	0.3613		11.6	10.0	16.1	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Instrument ID: G.i Start Date: 07/10/2010 14:31

Analysis Batch Number: 4225 End Date: 07/11/2010 11:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-4225/1		07/10/2010 14:31	1	ges001.d	RTX-624 0.32(mm)
VIBLK 200-4225/2		07/10/2010 15:16	1		RTX-624 0.32(mm)
IC 200-4225/3		07/10/2010 16:05	1	ges003.d	RTX-624 0.32(mm)
IC 200-4225/4		07/10/2010 16:53	1	ges004.d	RTX-624 0.32(mm)
IC 200-4225/5		07/10/2010 17:42	1	ges005.d	RTX-624 0.32(mm)
ICIS 200-4225/6		07/10/2010 18:30	1	ges006.d	RTX-624 0.32(mm)
IC 200-4225/7		07/10/2010 19:19	1	ges007.d	RTX-624 0.32(mm)
IC 200-4225/8		07/10/2010 20:08	1	ges008.d	RTX-624 0.32(mm)
IC 200-4225/9		07/10/2010 20:56	1	ges009.d	RTX-624 0.32(mm)
VIBLK 200-4225/10		07/10/2010 21:45	1		RTX-624 0.32(mm)
ICV 200-4225/11		07/10/2010 23:04	1	ges011.d	RTX-624 0.32(mm)
ZZZZZ		07/10/2010 23:52	1		RTX-624 0.32(mm)
ZZZZZ		07/11/2010 11:13	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Instrument ID: G.i Start Date: 07/15/2010 11:09

Analysis Batch Number: 4339 End Date: 07/16/2010 09:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-4339/1		07/15/2010 11:09	1	gese001.d	RTX-624 0.32(mm)
CCVIS 200-4339/2		07/15/2010 12:01	1	gese002.d	RTX-624 0.32(mm)
LCS 200-4339/3		07/15/2010 12:49	1	gese003.d	RTX-624 0.32(mm)
MB 200-4339/4		07/15/2010 13:38	1	gese004.d	RTX-624 0.32(mm)
ZZZZZ		07/15/2010 14:27	1		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 15:15	1		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 16:05	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 16:56	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 17:46	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 18:36	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 19:27	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 20:15	6.89		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 21:03	10		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 21:52	10		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 22:40	10		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 23:30	0.2		RTX-624 0.32(mm)
200-737-2	2614	07/16/2010 00:21	0.2	gese017.d	RTX-624 0.32(mm)
ZZZZZ		07/16/2010 01:11	0.2		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 02:01	0.2		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 02:50	1		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 03:39	1		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 04:28	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 05:17	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 06:05	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 06:54	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 08:05	29300		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 08:55	0.2		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 09:53	0.2		RTX-624 0.32(mm)

GC/MS INSTRUMENT RUN LOG

TAS BATCH-4225 CALIBID-1501

Sequence				Standard Traceability		Instrument Information
Batch ID:	GES	Start Date:	7/10/10 Time: 1431	ISTD Lot #:	27787	Instrument ID: G
Test Method:	TO15	End Date:	7/11/10 Time: 1431	CAL STD Lot #	see comment b	Instrument: 5973
ICAL Date:	7/10/10			ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial	MTP Mark Phillips	NKL Nicholas Kaser	WHD William DeJardins	Karen L. Perkins KLP	
Signature	Mark Phillips	Nicholas Kaser	William DeJardins	Karen L. Perkins	

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1431	GES001		BFB	NA	NA	NA	NTR	NA		NTR	
1516	GES002	4635	VIBLK		1	200					
1605	GES003	3093	Cal 0.2		2				✓		029129 MT KLP 07/13/10
1653	GES004	3413	Cal 0.5		3				✓		029126
1742	GES005	3535	Cal 5.0		4				✓		029124
1830	GES006	2691	Cal 10		5				✓		029122
1919	GES007	3560	Cal 15		6				✓		029121
2008	GES008	3643	Cal 20		7				✓		029120
2056	GES009	3366	Cal 40		8				✓		029118
2145	GES010	4635	VIBLK		1			✓	✓		7/12/10
2304	GES011	3631	ICV	1	9			✓	✓		029398 78
2352	GES012	3631	LCS	1	9			✓	✓		029398 78
1113	GES013	4635	MBLK	1	1	200		✓	✓	WND	MT KLP 07/13/10

7/14/10

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	GESE	Start Date: 7/15/10	Time: 1109	ISTD Lot #:	27787	Instrument ID: G
Test Method:	TO15	End Date: 7/16/10	Time: 1109	CAL STD Lot #	29122	Instrument: 5973
ICAL Date:	7/10/10			ICV / LCS Lot #	23 29397	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1109	GESE001		BFB	NA	NA	NA	WRD	NA	NA	WRD	
1201	002	2691	CCV		1	200		NA	✓		AG
1249	003	3564	LCS		2			✓	✓		AG
1338	004	4635	MBLK		3			✓	✓		
1427	005	3150	689-1	1	4	200		✓	✓		C MI 17 29 81
1515	006	4123	1-2	1	5			✓	✓		C MI 13 17 30 40 43
1605	007	4145	700-8	0.2	6	1000		✓	↑ R		6l imdw cert
1656	008	3518	-9		7			✓	✓		
1746	009	2595	-10		8			✓	✓		
1836	010	2584	-11		9			✓	✓		MI
1927	011	4086	-12		10			✓	✓		
2015	012	2543	705-1	6.89	11	29		✓	✓		High TICs C MI 19
2103	013	3619	-2	10	12	20		✓	✓		C MI 49
2152	014	4780	-3		13			✓	✓		C MI 45
2240	015	4233	-4		14			✓	✓		C
2330	016	3263	735-9	0.2	15	2000		✓	✓		6l Batch Cert
0021	017	2614	737-2		16			✓	✓		
0111	018	3634	746-2	0.2	1	1000		✓	✓		
0201	019	2844	747-9		2			✓	✓		
0250	020	4802	691-1	1	3	200	WRD	✓	✓		C MI 39
0339	021	4487	-2		4			✓	✓		C
0428	022	4641	-3	10	5	20		✓	✓		C MI 25
0517	023	4392	-4		6			✓	✓		C MI 46
0605	024	4864	-5	1	7			✓	✓		C MI 36
0654	025	2544	690-1	10	8	20	WRD	✓	✓		C MI 36
0805	026	32X	688-1	29.300	9	3		✓	✓		DF 4546 C MI 41 72
0855	027	2601	736-10	0.2	10	1000		✓	✓		6l Batch cert

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	GESE	Start Date: 7/15/10	Time: 1109	ISTD Lot #:	Instrument ID: G
Test Method:	TO15	End Date: 7/16/10	Time: 1109	CAL STD Lot #	Instrument: 5973
ICAL Date:	7/14/10			ICV / LCS Lot #	Column Type: RTX-624

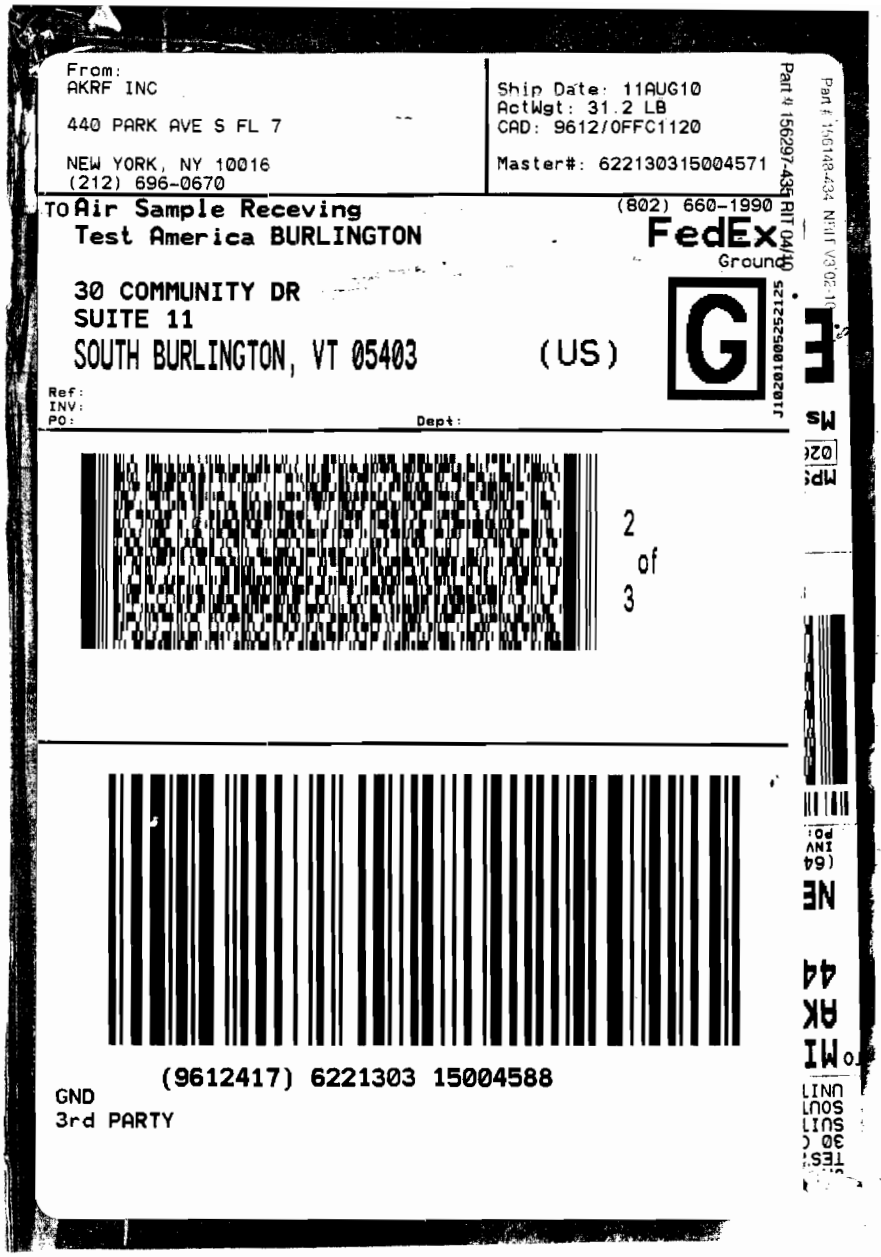
	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0953	GESE-028	3312	748-4	0.2	11	200	WND	✓	✓	WND	8 calibration

7/16/10

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

Shipping and Receiving Documents



From:
AKRF INC

440 PARK AVE S FL 7

NEW YORK, NY 10016
(212) 696-0670

Ship Date: 11AUG10
ActWgt: 31.2 LB
CAD: 9612/0FFC1120

Master#: 622130315004571

TO Air Sample Receving
Test America BURLINGTON

(802) 660-1990

30 COMMUNITY DR
SUITE 11
SOUTH BURLINGTON, VT 05403 (US)

Ref:
INV:
PO: Dept:

FedEx Ground

2 of 3

(9612417) 6221303 15004588

GND
3rd PARTY

Part # 156297-435 RIT 04/10

J1020100525212S

ORIGIN ID: BTVA (802) 923-1058
JACK DUSTIN
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

SHIP DAT
ACTWGT:
CAD: 065
DIMS: 10

BILL SEN

TO MIKE OLESKE
AKRF, INC.
440 PARK AVE. SOUTH

NEW YORK NY 10016
(646) 388-9526

INV:
PO: REF:
DEPT:

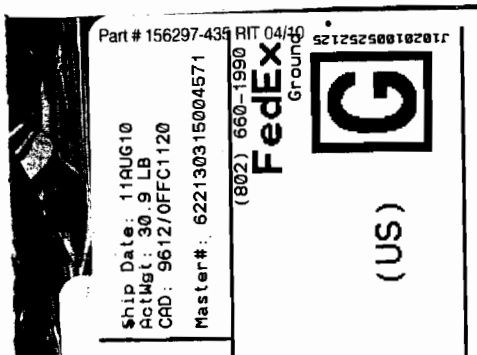
1 of 3

TRK# 0201 4245 2048 7794

WED -
STANDARD

MASTER

EA JRAA



Part # 156297-435 RIT 04/10

J1020100525212S

From:
AKRF INC

440 PARK AVE S FL 7

NEW YORK, NY 10016
(212) 696-0670

Ship Date: 11AUG10
ActWgt: 30.9 LB
CAD: 9612/0FFC1120

Master#: 622130315004571

TO Air Sample Receving
Test America BURLINGTON

(802) 660-1990

30 COMMUNITY DR
SUITE 11
SOUTH BURLINGTON, VT 05403 (US)

Dept:

FedEx Ground

1 of 3

(9612417) 6221303 15004571

GND
3rd PARTY

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE
Company: AKRF Inc	Phone: 646.388.9525	1 of 2 COCs
Address: 440 PARK AVE SOUTH 7TH FL	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: M. OLESKE	
FAX: 212.726.0942	TA Contact: ERIN ARASATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: CE FLUSHING 40-22 COLLEGE PT BLVD	Standard (Specify) ✓	
PO # 30141-0116 FLUSHING, NY	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-AA	8/10/2010	13:33	14:03	-31	-6	4684	5058	X								X			
CE-VAPOR-1		13:27	13:57	-29	-4	4686	4304	X									X		
CE-VAPOR-2		13:27	13:57	-30	-4	4582	5057	X									X		
CE-VAPOR-3		13:~~27~~ 26	13:57	-28	-8	4590	3733	X									X		
CE-VAPOR-4		13:26	13:56	-31	-6	4596	4349	X									X		
CE-VAPOR-5	8/10/2010	13:17	13:47	-30	-4	4622	3405	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86	91
Stop	86	91

Pressure (inches of Hg)	Interior	Ambient
Start	29.83	29.83
Stop	29.83	29.83

Special Instructions/QC Requirements & Comments:

Samples Shipped by: M[redacted] OLESKE	Date/Time: 8/10/2010 18:00	Samples Received by: 8/12/10 0820
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	**Samples Collected By:** M. OLESKE
Company: AKRF Inc	Phone: 646.388.9525	2 of 2 COCs
Address: 440 PARK AVE SOUTH 7TH FL	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: M. OLESKE	
FAX: 212.726.0942	TA Contact: ERIN ARASATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: CE FLUSHING 40-22 COLLEGE PT BLVD	Standard (Specify) ✓	
PO # 30141-0116 FLUSHING NY	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-6	8/10/2010	13:18	13:48	-30	-4	4970	2953	X									X		
CE-VAPOR-7	8/10/2010	13:19	13:49	-30	-6	4597	4322	X									X		
CE-VAPOR-8	8/10/2010	13:19	13:49	-30	-4	4603	3655	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86	91
Stop	86	91

Pressure (Inches of Hg)	Interior	Ambient
Start	29.83	29.83
Stop	29.83	29.83

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 8/10/2010 18:00	Samples Received by: 8/12/10 0820
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 200-1086-1

Login Number: 1086

List Source: TestAmerica Burlington

Creator: Marion, Greg T

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	Ambient
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

APPENDIX E

SOLID WASTE DISPOSAL DOCUMENTATION

DISPOSAL FACILITY APPROVAL LETTERS, FACILITY PERMITS, WASTE MANIFESTS (CD)

BUREAU OF WASTE MANAGEMENT

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expired April 24, 2010

Under the provisions of the Pennsylvania Solid Waste Management Act of July 7, 1980, Act 97, a permit for a solid waste disposal and/or processing facility at (municipality) City of Philadelphia in the County of Philadelphia is granted to (applicant) Soil Remediation of Philadelphia, Inc. (address) 3201 South 61st Street, Philadelphia, PA 19153-3592.

This permit is applicable to the facility named as Soil Remediation of Philadelphia, Inc. and described as:

Latitude - 39°, 55', 16"

Longitude - 75°, 12', 52"

This permit is subject to modification, amendment and supplement by the Department of Environmental Protection and is further subject to revocation or suspension by the Department of Environmental Protection for any violation of the applicable laws or the rules and regulations adopted thereunder, for failure to comply in whole or in part with the conditions of this permit and the provisions set forth in the application No. 301220 which is made a part hereof, or for causing any condition inimical to the public health, safety or welfare.

See Attachment for waste limitations and/or special conditions

FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

THIS PERMIT IS NON - TRANSFERABLE

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

1. This waste management permit is issued based upon application No. 301220, which was received in the Southeast Regional Office of the Department of Environmental Protection on November 17, 1996. This permit is for renewal and modification of the residual waste processing facility known as Soil Remediation of Philadelphia, Inc., located in the City of Philadelphia. Modifications include an expanded list of both waste to be processed and waste contaminants amenable to thermal remediation, the addition of an oily wastewater treatment process, increased processed and unprocessed waste storage piles, solid and liquid drum storage and processing areas, transfer operations for certain contaminated wastes, and provisions for the addition of various wastes and sludges to thermally remediated soil (pending separate general permit approval). This approved application consists of the following documents:

Form A received on November 7, 1996, resubmitted on January 11, 1999
Form B received on November 7, 1996, resubmitted on January 11, 1999
Form B1 received on November 7, 1996
Form HWC received on November 7, 1996, revised February 5, 1998, May 28, 1998, and May 19, 1999
Form D received on November 7, 1996, resubmitted on January 11, 1999
Form E received on November 7, 1996, resubmitted on January 11, 1999
Form G(A) received on November 7, 1996, resubmitted on January 11, 1999
Form I received on November 7, 1996, resubmitted on January 11, 1999
Form L and the PPC Plan received on November 7, 1996, revised February 5, 1998, January 11, 1999, and November 22, 1999
Form P received on November 7, 1996, revised April 17, 1998, February 5, 1998, May 28, 1998, January 11, 1999, December 6, 1999, and January 20, 2000
Form R received on November 7, 1996, revised April 17, 1998, February 5, 1998, May 28, 1998, January 11, 1999, December 6, 1999, and January 20, 2000
Form 5R received on November 7, 1996, resubmitted on January 11, 1999
Form 18R received on November 7, 1996
Form 23R received on November 7, 1996, resubmitted on January 11, 1999
Process Equipment Specifications received on November 7, 1996, resubmitted on January 11, 1999
Insurance Documentation received on June 22, 1998
Bonding Documentation received on November 7, 1996, revised April 17, 1998, February 5, 1998, and June 3, 1998

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

Drawing Numbers	Received Date	Revised Date
29390-D-006	November 7, 1996	January 20, 2000
29390-D-007	November 7, 1996	November 7, 1996
29390-D-010	November 7, 1996	June 22, 1998
29390-D-012	November 7, 1996	January 22, 1999
29390-D-013	November 7, 1996	January 22, 1999
29390-D-014	November 7, 1996	April 29, 1998
29390-D-015	November 7, 1996	June 22, 1998
29390-012-D	November 7, 1996	January 16, 1998

This approved application includes responses to the Department's review letters dated January 16, 1997, August 15, 1997, and November 9, 1998, received on April 17, 1997, February 5, 1998, and January 11, 1999, respectively, with additional information submitted on May 28, 1998, June 3, 1998, June 22, 1998, May 19, 1999, November 22, 1999, December 6, 1999, and January 20, 2000.

The contents of all the above listed documents are, hereby, incorporated in the permit as conditions with which the permittee must comply, except as they may be modified by the conditions of this permit.

2. Nothing in this permit shall be construed to supersede, amend, or authorize violation of, the provisions of any valid and applicable local law, ordinance, or regulation, provided that said local law, ordinance, or regulation is not pre-empted by the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, Act 97, 35 P.S. 6018.101, et seq.

3. As a condition of this permit, and of the permittee's authority to conduct the activities authorized by this permit, the permittee, hereby, authorizes and consents to allow authorized employees or agents of the Department, without advanced notice or a search warrant, upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas on which solid waste management activities are being or will be conducted. The authorization and consent shall include consent to collect samples of waste, water or gases, to take photographs, to perform measurements, surveys and other tests, to inspect any monitoring equipment, to inspect the methods of operation, and to inspect and/or copy documents, books or papers required by the Department to be maintained. This permit condition is referenced in accordance with Sections 608 and 610(7) of the Solid Waste Management Act, 35 P.S. Sections 6018.608 and 6018.610(7). This condition in no way limits any other powers granted under the Solid Waste Management Act.

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

4. This facility may not accept infectious waste, municipal sewage sludges, municipal waste incinerator ash, or categories of residual waste not approved in the permit application, unless the permit amendment application has been submitted and approved by the Department. This facility may not accept hazardous waste or municipal waste, except for those certain special handling wastes categories of municipal waste approved pursuant to this condition.

5. The permitted days and hours for acceptance of waste are to be Monday through Friday from 7:00 a.m. to 7:00 p.m. and Saturday 7:00 a.m. to 12:00 Noon. The facility's permitted days and hours of on-site operations are 24 hours per day, seven days per week, except as may be otherwise limited by Air Plan Approvals or permits issued by the City of Philadelphia's Air Management Services. Waste acceptance and/or operations may be extended due to extreme weather conditions in accordance with the following procedure. Prior to extending operations, justification for such an extension must be mailed or faxed to the Waste Management Program Manager or his designee. Written concurrence that the extension is justifiable needs to be received by the permittee from the manager, or his designee, before extended operations may be implemented. All other requests to extend operating hours must be requested in advance of need and be approved, in writing, in advance by the Department.

6. Upon written Department approval of the Phase I construction certification required pursuant to Condition 22, the facility may accept, for transfer operations and thermal processing, soils and other non-combustible solid materials that are contaminated with petroleum products (virgin and used) and non-petroleum hydrocarbons. For the purposes of this permit, materials are defined as the waste in which the contamination is present. The material itself may be a waste on its own, as a result of its subsequent contamination, or both. References to contaminated or processed material shall include both soil and other non-combustible solid material defined as follows, unless otherwise differentiated. Soil shall be limited to naturally occurring mineral grain and humus material directly removed from the earth's surface. Other non-combustible solid material shall be limited to sorbent media, filtration media, and casting sands, as described in Section 9.2 of Form P and Appendix A, Section A-3.2, of Form R. These other non-combustible solid materials, as defined above, are wastes and shall not be considered as, or characterized as, soil regardless of whether they contain soil or soil-like components.

   Petroleum and non-petroleum contaminants (e.g., petroleum fuels; mineral oils; natural and synthetic waxes; oils, fats and fat products; petroleum-based solvents; coal and coal products) shall be limited to those described in Table 1 (wastes for treatment) and Sections 9.3 through 9.3.6 of Form P and Appendix A, Section A-3.3 through A-3.3.6 of Form R.

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

Transfer operations, limited to soil and non-soil contaminated material as defined above, shall not commence until the Department has approved the Phase I construction certification discussed above. No other wastes, including soil amendments, wastes for beneficial use, or oil/water wastes, may be accepted for transfer operations. Direct shipments of waste from the site of origin to another permitted facility are subject to regulation under 25 Pa. Code Chapter 299, and are in no way authorized under this permit.

Contaminated soil, as described above, may be used as fill after thermal processing, provided the processed soil complies with Condition 20. Contaminated material other than soil, as described above, shall be segregated, at all times, from contaminated or processed soil and shall only be blended with soil for processing in accordance with approved blending procedures. Processed contaminated material other than soil, whether segregated from or blended with soil, shall not be used as fill unless such use is otherwise approved as a beneficial use by a general permit.

7. Incoming petroleum and non-petroleum hydrocarbon contaminated materials are to be segregated and stored (testing and pre-processing storage) in an area totaling 10,156 cubic yards, as indicated on Drawing Nos. 29390 012-D and 29390-D-012. Storage areas shall be marked or delineated to allow for visual identification of their permitted boundaries (length, width and height).

8. Soil amendment/sludge waste materials for use in the soil reuse program shall be segregated and stored inside the building in an area totaling 1,666 cubic yards, as indicated on Drawing Nos. 29390-012-D and 29390-D-012. Allowable wastes and processing are described in the Treated Soil Reuse Program and in Forms P and R, except that said wastes shall only be mixed, blended or otherwise added to processed soil (post thermal treatment) and shall not be mixed, blended or otherwise added to soil prior to thermal processing. No storage or processing of these wastes may occur unless: (1) storage and processing is also conducted pursuant to, and consistent with, a general permit for beneficial use/processing issued by the Department; and (2) the Phase I and II construction certification required pursuant to Condition 22 has been approved in writing by the Department. Upon receipt of a general permit, the permittee shall file a report with the Southeast Regional Office notifying the Department of its intentions regarding implementation of the general permit and comparing operations authorized by the general permit against those authorized by this permit. If the Department determines that an amendment to this or any other permit is required to implement the terms and conditions of the general permit, the permittee shall file the necessary application(s) and obtain the necessary amendment(s) prior to implementing, at this facility, the activities authorized by the general permit. Storage areas shall be marked or delineated to allow for visual identification of their permitted boundaries (length, width and height). Until used for storage of soil amendment/sludge wastes pursuant to a general permit, this area may be used to store hydrocarbon contaminated media approved under Condition 6.

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

9. Processed materials are to be segregated and stored in an area totaling 10,000 cubic yards, as indicated on Drawing No. 293490-006. Adjacent to this area, reformulated top soils are to be stored in an area totaling 2,301 cubic yards; however, no storage of reformulated top soils may occur unless their processing and storage is also conducted pursuant to, and consistent with, a general permit for beneficial use/processing issued by the Department. Storage areas shall be marked or delineated to allow for visual identification of their permitted boundaries (length, width and height). Until used for storage of reformulated top soils pursuant to a general permit, this reformulated top soil storage area may be used to store processed media.

   Until Phase I construction certification required pursuant to Condition 22 has been submitted to, and approved by, the Department, the permittee shall confine processed material storage to the area indicated on Drawing No. 29390-D-007 (Existing Facility Layout) and shall be further limited to a storage capacity of no more than 4,725 cubic yards of processed soil in this area (Condition 10 of permit issued on July 2, 1992).

10. The operator shall inspect each load in accordance with its approved plan under Section 287.134 of the Residual Waste Regulations, to ensure compliance with that Section and Sections 293.201 and 297.201.

11. The operator shall maintain all analyses (pre-approval, pre-acceptance, post-treatment) of residual waste that is accepted under Section 287.134 of the Residual Waste Regulations on-site for a minimum of five years after the analyses are performed. These records must be made available to representatives of the Department upon request.

12. Daily operational records must be kept in a format outlined in Sections 293.251 and 297.261 of the Residual Waste Rules and Regulations. This must include the amount of contaminated material accepted for processing and transfer each day, processed each day, and added to the processed material storage pile each day; the amount of processed material transported off site each day; the type and amount of waste transferred each day; satisfactory written and analytical documentation demonstrating compliance with the post-process treatment requirements in Condition 20; and the number of waste transport vehicles entering and exiting the facility each day.

13. An annual operations report is to be submitted on or before June 30th of each year to the Department's Southeast Regional Office in accordance with the format outlined in Sections 293.252 and 297.262 of the Residual Waste Rules and Regulations. This must be accompanied by the annual permit administration fee.

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

14. The maximum allowable concentration of hydrocarbons for incoming contaminated material may not exceed 30,000 mg/kg for volatile contaminants, and 400,000 mg/kg for semi-volatile contaminants. The API GC-FID Method for diesel range organics, expanded to C-44 must be utilized for total petroleum hydrocarbon testing (generator analysis). If the generator cannot obtain test results using the expanded method, the EPA 418.8 Method or the API-GC-FID Method for Diesel Range Organics must be utilized. For concentrations greater than 10,000 mg/kg, a Form U document must be submitted and be approved by the Department, in writing, prior to the acceptance of contaminated material having these concentrations from individual generators.

15. Acceptance limits for TOX concentrations for incoming contaminated material are to be 1,000 mg/kg. EPA Test Method No. 3540A/9020, within EPA Document No. SW-846, or an alternate method approved by the Department in writing, is to be utilized for testing incoming contaminated material for TOX concentrations.

16. EPA Test Method 3050/6010 or 7000, within EPA Document No. SW-846, or an alternate method approved by the Department in writing, is to be utilized to test incoming material for total metals concentrations.

17. EPA Method No. 5030A/8081, within an EPA Document No. SW-846, or an alternate method approved by the Department in writing, is to be utilized for testing incoming contaminated material for PCB concentrations.

18. No more than 122 waste hauling vehicles (processed and unprocessed, liquid and solid waste for processing or transfer operations) may enter and exit the facility each day. All waste hauling vehicles coming to this facility are to approach the facility from Passyunk Avenue going north on 61st Street. All waste hauling vehicles leaving the facility are to proceed south on 61st Street to Passyunk Avenue. A record of the number of waste hauling vehicles, including the type and estimated amount of waste being hauled, shall be kept as part of the daily operational record. Waste hauling vehicles entering the permitted area, whether for processing or transfer operations, shall be deemed to be received by the permittee for purposes of compliance with this permit. Any use of the terms "receipt," or receive or received in Forms P and R is limited to determining proper waste acceptance and management procedures and shall not be construed to limit the permittee's liability or responsibility regarding acceptance of waste at this facility.

19. Wastes and contaminated material, received at the facility, shall be analyzed for acceptance pursuant to the Waste Analysis Plan detailed in Form R, with the following additions:

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

a. Each separate wastestream, as identified by a unique generator and/or residual waste code identification, prior to acceptance at the facility, shall have a representative sample analyzed for total metals, TCLP metals, TPH, TOX, PCBs, ignitability, corrosivity, radioactivity and reactivity. These analytical results are to be submitted to the Department on a quarterly basis. Re-occurring wastestreams shall be analyzed at a frequency of at least annually as described above, or shall be accompanied by a generator's certification attesting to the validity of the original analysis and stating that no change to the composition of the wastestream has occurred since the original analysis. Contaminated material from remediation of residential properties, Section 1.3.1.6 of Form R (virgin petroleum contaminated soils from residential properties, not to exceed 100 tons of contaminated soil per site), are excluded from this subcondition.

b. At a minimum frequency of once per month, the permittee shall subject a randomly selected wastestream to a complete analytical scan for total metals, TCLP (organics and inorganics), TPH, TOX, PCBs, ignitability, corrosivity, radioactivity and reactivity for purposes of quality control and verification of pre-approval testing and pre-acceptance screening procedures. The Department may, at its discretion, require that these analyses be conducted by a certified laboratory. These analytical results are to be submitted to the Department on a monthly basis for the first six months. Permittee may, upon completion of the first six months of testing, petition the Department to conduct the quality control and verification testing at a lesser frequency, subject to approved by the Department in writing.

20. Post-process testing shall be conducted on each production run as described in Section 1.5 of Form R. For the purposes of this permit, a production run is defined as the processing of a stable mix of waste under a fixed set of operating conditions. Post-process samples shall be collected after rehydration. Generator analysis may not be used to document total metal levels in the processed material for each production run. A minimum of one sample per hour, for each production run, shall be collected and the samples shall be analyzed in accordance with Section 1.5 of Form R. Hourly samples shall be composited and analyzed for each production run, if the run is less than one operating day (24-hour calendar day), or at the end of each operating day should the production run extend beyond a single operating day, whichever period is shorter. RCRA Metals in Table 9, Form R, shall equate to Post Process Total Metals in Table ATT2-1, Form R. Soil, non-combustible solid materials (materials), and soil/material blends shall be treated to levels necessary to allow these processed wastes to be used lawfully and consistent with applicable standards for the intended uses. The permittee shall, as part of its daily operational records, maintain adequate documentation to demonstrate compliance with this treatment requirement.

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

21. A maximum of 250 drums of contaminated material (as defined in Condition 6) and a maximum of 250 drums of waste oil/water mixtures (Appendix A, Section A-3.3 of Form R) may be stored inside the storage building, as indicated on Drawing No. 29390-D-012.

22. Form 19R, Certification of Facility Construction Activity, must be submitted to the Solid Waste Manager in the Southeast Regional Office after this facility has been modified according to the approved plans. Said certification may be submitted in phases to cover phased construction of the proposed modifications as described in Attachment 1 of this permit. Operations related to facility modifications approved in this permit shall not be authorized until the required construction certification(s) for that phase has been submitted to, and approved by, the Department. Any modifications to the fire protection system required by the City Fire Marshall, shall be noted on the Phase I certification submission and shown on the as-built drawings submitted as part of the certification submission.

23. All references to steam cleaning operations have been withdrawn from the permit application.

24. The side streams of waste (plastic, wood demolition debris and stumps, metal demolition debris, large aggregates, and drums) unsuitable for thermal processing, after separation from the incoming contaminated media, shall be stored, either segregated or commingled, in the pre-processing storage area or in roll-offs, located as indicated on Drawing No. 29390-D-012, and disposed off site in a permitted landfill, or otherwise properly managed under the Solid Waste Management Act. Drums shall be managed in the drum storage/processing area inside the main building. All side stream wastes, other than drums, are to be incidental (less than 2 percent by volume per delivered load) to the waste streams received under the residual waste operations approved as part of this permit. The facility is not approved for receipt and processing of separate loads of construction/demolition waste (municipal waste).

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

25. The facility is permitted to treat up to a maximum of 100 gallons per minute of waste oil/water mixtures (Appendix A, Section A-3.3 of Form R) under a separate oil/water treatment process. These mixtures shall consist of non-hazardous waste oils that are phase separated or emulsified in water. Oil/water separation technology shall be used to recover the waste oil for use as "on-specification waste oil fuel" (25 Pa. Code Section 266a.40(e)) in operating the thermal treatment unit, wastewater for rehydrating the soil to the desired moisture content, and separator waste solids amenable to treatment in the thermal unit. Waste acceptance testing shall be conducted on the oil fraction of the oil/water waste. Post-processing testing shall be conducted on each batch treatment storage tank (processed oil and processed wastewater) prior to use. Processed oil shall be tested for parameters in Table 7, Form R. Processed wastewater shall be tested for TPH, at a minimum. Permittee shall maintain adequate records to document the use of on-specification waste oil at this facility. PCB's levels in waste oils used as fuel for the thermal unit must be less than 2 ppm unless the permittee demonstrates compliance with the standards for burning used oil containing PCBs imposed by 40 C.F.R. 761.20(e) (relating to prohibitions for PCBs).

26. The oil/water separation process shall be located in the main building with storage tanks located in a separate containment area outside the main building. The storage tanks shall consist of a 30,000-gallon waste oil/water mixture storage tank, two 10,000-gallon processed waste oil storage tanks and two 8,000 gallon processed water storage tanks. This operation is depicted on Drawing No. 29390-D-012. Stormwater collected in the storage tank containment system shall be pumped to the oil/water separation process prior to discharge or reuse. Stormwater volumes shall be properly managed such that adequate secondary containment volume is maintained at all times in the tank containment system.

27. Processed material shall be rehydrated at all times. Under normal operating conditions, the processed wastewater from the oil/water separation process may be used to rehydrate the processed material to a desired moisture content. However, in the event excess processed water is generated and needs to be discharged to the sanitary sewer, it shall be discharged to the sanitary sewer, pursuant to approval obtained from the Philadelphia Water Department. Sampling performed to demonstrate compliance with Condition 20 shall be conducted after the rehydration of the processed material with the processed wastewater. Public water shall be utilized to rehydrate processed material in the event that processed wastewater is inadequate, unsuitable, or otherwise unavailable for purposes of rehydration.

28. Until the Phase III construction certification has been submitted to, and approved by, the Department, the permittee may not accept, store, or process waste oil/water mixtures pursuant to Condition 21, 25, and 26.

Permit
For
Solid Waste Disposal and/or Processing Facility
FORM NO. 8

Permit No. 301220
Date Issued April 24, 2000
Date Expires April 24, 2010

29. A mechanized street sweeper shall be utilized to clean the internal roadways, to minimize fugitive dust from vehicular traffic, at a minimum of twice per operating day.

30. Both processed and unprocessed waste shall be delivered, or removed, from the facility in enclosed or tarped vehicles to minimize particulate and VOC emissions, during transport to or from the facility.

31. Until the Phase I construction certification has been submitted to, and approved in writing by, the Department, the facility shall:

    a. operate in accordance with the existing facility layout as shown on Drawing No. 29390-D-007;

    b. be limited to acceptance, for thermal processing, of virgin fuel contaminated soils.

    While operating under the limitations of this condition, or as otherwise limited by other conditions contained in this permit, the facility shall comply with all other terms and conditions of this permit.

32. The collateral bond, dated June 2, 1998, between Soil Remediation of Philadelphia, Inc. and the Department in the amount of $596,337.90 is, hereby, approved as part of this permit. Prior to the completion of the Phase I improvements approved as part of this permit, permittee shall have in place an additional bond in the amount of $274,858.00, bringing the total bond amount to $871,195.90. Upon receipt of written notice from the Department, this bond will have to be updated within 90 days in accordance with Chapter 287 of the Residual Waste Regulations.

Re 30 (GJC99WM)87-8

JON S. CORZINE
Governor

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Solid & Hazardous Waste Program
P.O. Box 414 401 East State Street
Trenton, New Jersey 08625-0414
Telephone: (609) 984-6985 Telecopier: (609) 633-9839
http://www.state.nj.us/dep/dshw

LISA P. JACKSON
Commissioner

March 7, 2007

Thomas J. Kushnir
General Manager
Clean Earth of Carteret, Inc.
24 Middlesex Avenue
Carteret, NJ 07008

Re: Renewal of a Class B Recycling Center General Approval
Clean Earth of Carteret, Inc.
Block 1, Lot 302
Borough of Carteret, Middlesex County
Facility ID No: 132310
Permit No.: CBG060003

Dear Mr. Kushnir:

Please be advised that the New Jersey Department of Environmental Protection, Solid and Hazardous Waste Program has reached a final determination to issue the Renewal of a Class B Recycling Center General Approval for the above referenced facility. Enclosed is a copy of the final document.

Should you wish to contest any of the conditions of the enclosed limited approval, you must file a request for an adjudicatory hearing within twenty (20) days of the date you receive this decision notice in accordance with the procedures found in N.J.A.C. 7:26A-3.14. A copy of the request should also be mailed to this office.

If you have any questions concerning this matter, please contact Frank Piliere of my staff at (609) 984-6985 or by email at frank.piliere@dep.state.nj.us.

Very truly yours,

Robert M. Confer
Chief
Bureau of Solid and Hazardous Waste Permitting

Enclosures
FP:BR06-3110
c: Rai Belonzi, Chief, Bureau of Compliance and Enforcement
Brian Petitt, Supervisor, Bureau of Compliance and Enforcement
Robert Confer, BSHWPS, Bureau Chief
Tom Byrne, BSHWPS, Acting Section Supervisor
David Papi, Director, Middlesex County CEHA Agent
Chris Sikorski, Middlesex Recycling Coordinator
Kathleen M. Barney, Borough of Carteret Municipal Clerk
Frank Piliere, Principal Environmental Engineer
Madeline Zollo, Compliance Plus Services, Inc.

JON S. CORZINE
Governor

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Solid & Hazardous Waste Program
P.O. Box 414 401 East State Street
Trenton, New Jersey 08625-0414
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http://www.state.nj.us/dep/dshw

LISA P. JACKSON
Commissioner

RECYCLING CENTER GENERAL APPROVAL FOR CLASS B RECYCLABLE MATERIALS FOR PETROLEUM CONTAMINATED SOIL

Under the provisions of N.J.S.A. 13:1E-1 *et seq.* and N.J.S.A. 13:1E-99.11 *et seq.*, known as the Solid Waste Management Act and New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 *et seq.*, known as the Recycling Regulations, this approval is hereby issued to:

Clean Earth of Carteret, Inc.

Facility Type:	Recycling Center for Class B Materials
Lot No.:	3.02
Block No.:	1
Municipality:	Borough of Carteret
County:	Middlesex
Facility Registration No.:	132310

This General Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection (Department).

This General Approval shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection.

March 7, 2007
Issuance Date

Robert M. Confer, Chief
Bureau of Solid & Hazardous Waste Permitting
Solid and Hazardous Waste Program

March 7, 2012
Expiration Date

Scope of Approval

This General Approval (approval), along with the referenced application documents herein specified, shall constitute the sole approval of Recycling Center operations for Class B Recyclable Material (petroleum contaminated soil and street sweepings) storage and process center by **Clean Earth of Carteret, Inc.** located in the Borough of Carteret, Middlesex County, New Jersey. Any registration, approval or permit previously issued by the Division of Solid and Hazardous Waste, or its predecessor agencies, for the specific activities as described below and as conditioned herein, is hereby superseded.

Items 1 through 39 of this approval contain the general conditions applicable to all recycling centers. Items 40 through 89 of this approval contain the general operating requirements for all recycling centers that receive, store, process, or transfer Class B recyclable materials.

Facility Description

The recycling center is a Class B facility owned and operated by Clean Earth of Carteret, Inc. The recycling center is located at 24 Middlesex Avenue on Block 1, Lot 3.02, in Borough of Carteret, Middlesex County. This regional recycling center receives petroleum-contaminated soil from soil remediation contractors and street sweepings from municipalities. The recycling center is authorized to accept petroleum-contaminated soil and street sweepings Monday through Friday and to process petroleum contaminated soil Monday through Saturday. The recycling center is authorized to receive, process and transfer brick, block, stone, rock, and asphalt Monday through Saturday.

The recycling center is also utilized for finished product storage and equipment storage as shown on the site plan. The recycling center markets clean soil from the site.

March 2, 2007 - As part of the Renewal, this approval was modified to include a revised floor plan for the soil processing building and the use of cement kiln dust or lime as a drying agent for the treated soil.

September 16, 2003- This approval was modified to correct errors in Conditions 49, 73, 77, 78, and 82.

November 20, 2002 - This approval is being issued to transfer ownership of the former S.D.&G. Aggregates, Inc. approval to Clean Earth of Carteret.

'Approved General Approval Application and Associated Documents

The registrant shall construct and operate the facility in accordance with N.J.A.C. 7:26A-1 *et seq*., the conditions of this Approval, and the following documents:

a) Site plan: Sheets SP1 and A1, prepared by Leonard Busch Associates, signed and sealed by Leonard Busch, P.E., NJ License No. 9531, dated October 13, 2000.

b) S.D.&G. Aggregates, Inc., Application for Recycling Center General Approval, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated March 1, 1996.

c) S.D.&G. Aggregates, Inc., Addendum to the March 1, 1996 recycling center application, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated April 17, 1996.

d) S.D.&G. Aggregates, Inc., Submission of Middlesex County Board of Chosen Freeholders Solid Waste Plan Amendment Resolution, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated August 16, 1996.

e) S.D.&G. Aggregates, Inc., Submission of Waterfront Development Permit, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated September 3, 1996.

f) S.D.&G. Aggregates, Inc., Submittal of revised site plan and calculations, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated November 14, 1996.

g) S.D.&G. Aggregates, Inc., Modification request, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated February 12, 1997.

h) S.D.&G. Aggregates, Inc., Response to technical requirements for contaminated soils, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 23, 1997.

i) S.D.&G. Aggregates, Inc., Modification request, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 29, 1997.

j) S.D.&G. Aggregates, Inc., Submittal of new site plan, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 29, 1997.

k) S.D.&G. Aggregates, Inc., Request for modification of sampling requirements, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated April 19, 1999.

l) S.D.&G. Aggregates, Inc., Request for modification of sampling requirements, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated December 29, 1999.

m) S.D.&G. Aggregates, Inc., Request for acceptance of street sweepings, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated March 15, 2000.

n) S.D.&G. Aggregates, Inc., Request for site plan modification, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 24, 2000.

o) S.D.&G. Aggregates, Inc., Submittal of additional information, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated April 19, 2001.

p) S.D.&G. Aggregates, Inc., Request for renewal, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated October 17, 2001.

q) Clean Earth of Carteret, Request for transfer of ownership, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated November 20, 2002.

r) Clean Earth of Carteret, Request for increase in daily capacity, prepared and signed by Michael Goebner, Vice President, dated January 2, 2003.

s) Clean Earth of Carteret, Submittal of signed transfer agreement, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated May 22, 2003.

t) Clean Earth of Carteret, Submittal of county plan amendment, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated May 30, 2003.

u) Clean Earth of Carteret, Request for corrections to approval, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated August 25, 2003

v) Clean Earth of Carteret, Inc., Request for renewal, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated September 28, 2006.

w) Plan entitled "Floor Plan of Existing Soil Processing Building", prepared by Leonard Busch, P.E., of Leonard Busch Associates, dated February 2, 2005 and last revised March 23, 2006.

x) Clean Earth of Carteret, Inc., Request to utilize cement kiln dust or lime as a drying agent to remove moisture from its treated soils, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated December 27, 2006.

In case of conflict, the provisions of N.J.A.C. 7:26A-1 *et seq.* shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above.

CLEAN EARTH/CARTERET

132310 CBG060003 Class B Recycling Ctr General Apprv -Renewal
Requirements Report

Subject Item: PI 132310 -

1. All persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 et seq. shall comply with all conditions of the approval. [N.J.A.C. 7:26A-3.1(a)]

2. The holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following: Hours of operation of the recycling center; Listing of the source separated materials to be received; The size, weight, or other restrictions regarding materials to be received; The maximum amount of contaminants allowed in each load; Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form. [N.J.A.C. 7:26A-3.5(f)]

3. Application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 et seq. One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located. [N.J.A.C. 7:26A-3.6(a)]

4. The applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10. [N.J.A.C. 7:26A-3.6(b)]

5. In a case where the holder of this general approval does not comply with N.J.A.C. 7:26A-3.6(a) and (b) and continues to operate without renewal of the general approval, the Department may take enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2; and/or take any other appropriate actions. [N.J.A.C. 7:26A-3.6(c)]

6. All persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2. [N.J.A.C. 7:26A-3.6(h)]

7. The holder of this general approval shall obtain prior approval from the Department for any modification of the general approval. [N.J.A.C. 7:26A-3.10(a)]

8. Any change affecting the conditions of this general approval requires the prior approval of the Department. [N.J.A.C. 7:26A-3.10(b)1]

9. Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19 requires the prior approval of the Department, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with N.J.A.C. 7:26A-3.10(f). [N.J.A.C. 7:26A-3.10(b)2]

Subject Item: PI 132310 -

10. The holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval. [N.J.A.C. 7:26A-3.10(c)]

11. The holder of this general approval shall not institute the modification until it receives written approval from the Department. [N.J.A.C. 7:26A-3.10(e)]

12. Within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is transferred. The written notification shall be sent to: New Jersey Department of Environmental Protection, Division of Solid and Hazardous Waste, Permitting and Technical Programs, P.O. Box 414, Trenton, New Jersey 08625-0414 [N.J.A.C. 7:26A-3.10(f)]

13. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of N.J.S.A. 13:1E-1 et seq., the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 et seq. and the New Jersey Statewide Mandatory Source Separation and Recycling Act. [N.J.A.C. 7:26A-3.13(a)1]

14. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any solid waste utility law at N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq., or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq. [N.J.A.C. 7:26A-3.13(a)2]

15. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection. [N.J.A.C. 7:26A-3.13(a)3]

16. The Department may revoke this general approval upon a determination that the holder of the general approval has refused or failed to comply with any lawful order of the Department. [N.J.A.C. 7:26A-3.13(a)4]

17. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to comply with any of the conditions of this general approval issued by the Department. [N.J.A.C. 7:26A-3.13(a)5]

18. The Department may revoke this general approval upon a determination that the holder of the general approval has transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department. [N.J.A.C. 7:26A-3.13(a)6]

19. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to obtain any required permit or approval from the Department or other State or Federal agency. [N.J.A.C. 7:26A-3.13(a)7]

20. The Department may revoke this general approval upon a determination that the holder of the general approval has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.11. [N.J.A.C. 7:26A-3.13(a)8]

Subject Item: PI 132310 -

21. This general approval shall not be transferred to a new owner or operator without the Department's prior approval. [N.J.A.C. 7:26A-3.15(a)]

22. A written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following: the name, address and social security number of all prospective new owners or operators; a written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and a written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control. [N.J.A.C. 7:26A-3.15(a)1]

23. A new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5. [N.J.A.C. 7:26A-3.15(a)2]

24. The holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5. [N.J.A.C. 7:26A-3.15(a)3]

25. Compliance with the transfer requirements set forth at N.J.A.C. 7:26A-3.15 shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision. [N.J.A.C. 7:26A-3.15(a)4]

26. The transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval. [N.J.A.C. 7:26A-3.15(b)]

27. The holder of this general approval shall maintain a daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons. [N.J.A.C. 7:26A-3.17(a)1]

28. The holder of this general approval shall maintain a daily record of the name, address and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons. [N.J.A.C. 7:26A-3.17(a)2]

29. The holder of this general approval shall maintain a daily record of the amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons. [N.J.A.C. 7:26A-3.17(a)3]

30. The holder of this general approval shall retain all Recyclable Material Receipt Forms required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which an annual report is required pursuant to N.J.A.C. 7:26A-3.17(c). [N.J.A.C. 7:26A-3.17(b)]

Subject Item: PI 132310 -

31. The holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to N.J.A.C. 7:26A-3.17(a) to the New Jersey Department of Environmental Protection, Division of Solid and Hazardous Waste, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following: monthly totals of the amount of recyclable material received from each customer by municipality of origin; monthly totals of the amount of recyclable product transferred to each end-market; and the amount of residue disposed of during each month. [N.J.A.C. 7:26A-3.17(c)]

32. The holder of this general approval shall certify in writing to the Department that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report. [N.J.A.C. 7:26A-3.17(e)]

33. All information submitted to the Department pursuant N.J.A.C. 7:26A shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 et seq. The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the Department. [N.J.A.C. 7:26A-3.17(f)]

34. The holder of this general approval shall provide a recycling tonnage report by February 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons. [N.J.A.C. 7:26A-4.4(a)]

35. The recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan. [N.J.A.C. 7:26A-4.2]

36. The construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 et seq., and the rules promulgated pursuant thereto. [N.J.A.C. 7:26A-4.1(b)]

37. The New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 et seq. shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to: sampling any materials on site; photographing any portion of the recycling center; investigating an actual or suspected source of pollution of the environment; and, ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department. [N.J.A.C. 7:26A-4.3(a)]

8. The right of entry specified at N.J.A.C. 7:26A-4.3(a) shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during an inspection and submitted to the Department upon request. [N.J.A.C. 7:26A-4.3(b)]

Subject Item: PI 132310 -

39. The facility shall comply with the general operating requirements for all Recycling Centers as provided at N.J.A.C. 7:26A-4.1 [N.J.A.C. 7:26A-4]

Subject Item: RCBG139162 - Class B Material

40. The preparedness and prevention plan and the contingency plan contained in the approved documents must be maintained on-site and updated as necessary. [N.J.A.C. 7:26A-3.5(e)]

41. Upon detection of a release of contaminants to the environment, the facility shall perform the following cleanup steps: stop the release, contain the released contaminants, clean up and manage properly the released contaminants and other materials and if necessary, repair or replace any leaking soil containment systems prior to returning them to service. [N.J.A.C. 7:26A-3.5(e)]

42. Upon closure of the facility the owner or operator shall remove or decontaminate petroleum contaminated soils, containment system components, and structures and equipment and manage them as hazardous waste, unless the materials are not hazardous waste under NJAC 7:26G-5. [N.J.A.C. 7:26A-3.5(e)]

43. All equipment and portions of the facility designated for the storage or processing of petroleum contaminated soils shall be visually inspected each operating day for integrity and leaks. [N.J.A.C. 7:26A-3.5(e)]

44. Records shall be maintained for all visual inspections. These records shall document that inspections were performed, any problems found, and the subsequent correction of such problems. All records shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]

45. The facility shall keep a record of each shipment of petroleum contaminated soil accepted for processing. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. All tracking records must be kept for a minimum of three years. Records for each shipment shall include the following information: the name and address of the transporter who delivered the soil to the facility, the name and address of the generator from whom the soil was sent, the NJDEP registration number of the transporter, EPA ID number (if applicable) of the generator, the quantity of soil accepted and the date of acceptance. [N.J.A.C. 7:26A-3.5(e)]

46. The facility shall maintain on-site a written operating record showing analysis records, tracking records, and summary reports of incidents requiring implementation of the contingency plan. This information shall be made available to Department personnel upon request and shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]

47. The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed or transferred at this recycling center: NJDOT street sweepings (that meet NJ Non-Residential Direct Contact Soil Cleanup Criteria) and non-hazardous petroleum contaminated soils which otherwise would be ID 27 if not recycled. Only soil contaminated with the following compounds shall be accepted and processed at this facility: gasoline, kerosene, jet fuel, Numbers 1 through 6 fuel oil, and used oil. Used oil shall be defined as any oil that has been refined from crude oil, or any synthetic oil, that has been used and as a result of such use is contaminated by physical or chemical impurities. No soils may be accepted that have been contaminated with materials that are other waste materials, or waste by-products, such as sludges. No soils with free petroleum product or other liquids, as determined by USEPA SW-846, Method 9095, Chapter 6.0, shall be accepted at the facility. No hazardous waste, as defined by N.J.A.C. 7:26G-5, shall be accepted by the facility. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG139162 - Class B Material

48. At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]

49. The recycling center may not receive, store, process, or transfer source separated petroleum contaminated soils (ID 27) and NJDOT street sweepings with any other Class B recyclable materials. The commingling of petroleum contaminated soil and NJDOT street sweepings shall only be allowed after the testing requirements in Conditions 71-76 and 86-89 have been met. [N.J.A.C. 7:26A-3.5(e)]

50. The maximum amount of contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to 1% by volume. Incidental by-product materials shall not be considered to be contaminants. [N.J.A.C. 7:26A-3.5(e)]

51. Incidental amounts of rebar, metal, soil, and other by-products which adhere to the Class B recyclable materials, as specified in this Approval, and which are returned to the economic mainstream as raw material or products, may be received, stored, processed, or transferred at this recycling center. The receipt of such incidental amounts of these materials need not be separately accounted for, but the storage and end-markets for these materials shall be subject to specific conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]

52. The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the conditions of this general approval, and the general approval application documents which are incorporated herein. [N.J.A.C. 7:26A-3.5(e)]

53. In case of conflict, the conditions of this approval shall have precedence over the general approval application documents listed above and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs. [N.J.A.C. 7:26A-3.5(e)]

54. One complete set of the general approval application documents, this general approval, and all records, reports and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials. [N.J.A.C. 7:26A-3.5(e)]

55. Hours of operation for receiving the source separated recyclable material shall be limited to: 7:00 a.m. to 5:00 p.m., Monday through Friday and the hours of operation for storing, processing, and transferring the source separated recyclable material shall be limited to 7:00 a.m. to 1:00 a.m., Monday through Friday and 7:00 a.m. to 5:00 p.m. on Saturday. [N.J.A.C. 7:26A-3.5(e)]

56. Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads. [N.J.A.C. 7:26A-3.5(e)]

57. The recycling center may receive no more than 2,700 tons per day of the recyclable materials and may receive no more than 10,000 tons per week of the recyclable materials. This condition is contingent upon the traffic on the public roads adjacent to the faclity not being adversely affected. Should the traffic be impacted by the facility, the Department reserves the right to reduce the capacity of the facility. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG139162 - Class B Material

58. The total amount of unprocessed/processed Class B recyclable material stored in the "soil storage warehouse" shall not exceed 18,287 cubic yards. Materials stored in the "soil storage warehouse" shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. "Area D" on the approved site plan may be used to store either unprocessed or processed soils. However, unprocessed and processed soils shall not be stored in "Area D" at the same time. "Area E" on the approved site plan may be used for soil mixing prior to introducing the unprocessed soil to the processing equipment. "Area E" shall not be used for the storage of material. [N.J.A.C. 7:26A-3.5(e)]

59. If at any time, the amount of material stored inside the building exceeds 18,287 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of material stored inside on-site falls below 18,287 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

60. Unprocessed recyclable material shall not remain on-site, in its unprocessed form, for more than one (1) year. [N.J.A.C. 7:26A-3.5(e)]

61. The total amount of processed Class B recyclable materials stored outside shall not exceed 31,674 cubic yards. Processed material shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawings. If at any time, the amount of processed material stored outside exceeds 31,674 cubic yards, the recycling center shall immediately cease processing activities until the amount of processed material falls below 31,674 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

62. All processed material shall be stored separately from residues. [N.J.A.C. 7:26A-3.5(e)]

63. By-products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents. [N.J.A.C. 7:26A-3.5(e)]

64. Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 18 feet above the existing grade for the stockpile areas located inside the building and 25 feet above the existing grade for the processed stockpile areas located outside. [N.J.A.C. 7:26A-3.5(e)]

65. Metal pipe or metal rods or the equivalent as approved by the Department shall be used to establish these control points. [N.J.A.C. 7:26A-3.5(e)]

66. Ingress and egress of the facility shall be restricted to Middlesex Avenue only. [N.J.A.C. 7:26A-3.5(e)]

67. Methods of effectively controlling dust shall be implemented at the facility in order to prevent offsite migration. [N.J.A.C. 7:26A-3.5(e)]

68. Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and within twenty-four (24) hours report the incident to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG139162 - Class B Material

69. Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel. [N.J.A.C. 7:26A-3.5(e)]

70. Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district. [N.J.A.C. 7:26A-3.5(e)]

71. The sampling plan, collection, preservation, and handling for the sampling and analysis of unprocessed contaminated soil as required in this Approval must be performed in accordance with the New Jersey Technical Requirements for Site Remediation at N.J.A.C. 7:26E and the latest edition of the New Jersey Department of Environmental Protection, Hazardous Waste Programs, Field Sampling Procedures Manual. The Technical Regulations may be purchased from West Publishing at (800) 808-WEST. The sampling manual may be purchased from: NJDEP Maps and Publications, P.O. Box 402, Trenton, N.J. 08625. All analysis must be performed by a New Jersey certified laboratory. [N.J.A.C. 7:26A-3.5(e)]

72. All soils must be tested using the most current approved test methodology in accordance with USEPA SW-846. [N.J.A.C. 7:26A-3.5(e)]

73. Petroleum contaminated soils shall be sampled either at the point of generation or at the recycling center. Soils from different generation sites shall be segregated at the facility until the sampling results are received. The sampling and analysis shall be implemented as follows: [N.J.A.C. 7:26A-3.5(e)]

74. Every 100 cubic yards of contaminated soil from each site shall be sampled and analyzed for TPH in the following manner a representative sample from every 20 cubic yards of contaminated soil shall be taken and these five samples shall be composited into one sample and analyzed. When the volume of soil is less than 100 cubic yards, a representative sample of every 20 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

75. Every 800 cubic yards of contaminated soil shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner a representative sample from every 100 cubic yards of contaminated soil shall be taken and these samples shall be composited into one sample and analyzed. When the volume of soil is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

76. The sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-8.5. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG139162 - Class B Material

77. Processed material end products, for uses other than as landfill cover material or Department approved Brownfields projects, shall be sampled and analyzed for total petroleum hydrocarbons (TPH), total volatile organic compounds (VOC), and all contaminants listed in the New Jersey Soil Cleanup Criteria (SCC). The sampling procedure shall be implemented as follows: Every 100 cubic yards of processed soil shall be sampled and analyzed for the above contaminants in the following manner: a representative sample from every 20 cubic yards of processed soil shall be taken and these five samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

78. Processed material end products to be used in road construction projects shall be sampled every 1,000 cubic yards for TPH and VOC in the following manner: a representative sample from every 100 cubic yards of processed soil shall be taken and the samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

79. Other levels of testing may be allowed on a case-by-case basis as determined by use criteria in accordance with Department guidance and regulations. Applications for case-specific testing requirements must be made to the Bureau of Landfill & Recycling Management. [N.J.A.C. 7:26A-3.5(e)]

80. Only approved criteria shall be used to determine the allowable end use of the processed material and the maximum allowable contamination levels for use. [N.J.A.C. 7:26A-3.5(e)]

81. The maximum allowable contamination levels for unrestricted general use are 200 ppm TPH and all individual organic contaminants less than or equal to 50% and inorganic contaminants less than or equal to 75% of the most stringent direct contact soil cleanup criteria (SCC). [N.J.A.C. 7:26A-3.5(e)]

82. For soils being used as landfill cover material: the analytical requirements of the individual landfills shall be complied with. For soils being used as fill material in Brownfields projects, the requirements (including sampling frequency and analytical parameters) shall be approved by the individual Site Remediation Program case manager on a case-by-case basis. [N.J.A.C. 7:26A-3.5(e)]

83. Other levels of contamination may be allowed on a case-by-case basis as determined by use criteria and levels of contamination in accordance with Department guidance and regulations. Applications for case-specific Certificates of Authority to operate beneficial use projects pursuant to N.J.A.C. 7:26-1.7(g) must be made to the Bureau of Resource Recovery and Technical Programs before any use of the processed material end products. [N.J.A.C. 7:26A-3.5(e)]

84. Any processed material end products that do not meet the above criteria must be reintroduced to the treatment process for further treatment. After treatment, the processed material end products must be reanalyzed in accordance with the above criteria. [N.J.A.C. 7:26A-3.5(e)]

85. All analysis records must be kept for a minimum of three years and made available for inspection by state and local officials upon request. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG139339 - Class B Material

86. All sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-5. [N.J.A.C. 7:26A-3]

Subject Item: RCBG139339 - Class B Material

87. Every 100 cubic yards of street sweepings from each site shall be sampled and analyzed for TPH in the following manner: a representative sample from every 20 cubic yards shall be taken and these five samples shall be composited into one sample and analyzed. When the volume is less than 100 cubic yards, a representative sample of every 20 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3]

88. Unprocessed street sweepings shall be sampled either at the point of generation or at the recycling center. Street sweepings from different generation sites shall be segregated at the facility until the sampling results are received. The sampling and analysis shall be implemented as follows: [N.J.A.C. 7:26A-3]

89. Every 800 cubic yards of street sweepings shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner: a representative sample from every 100 cubic yards shall be taken and these samples shall be composited into one sample and analyzed. When the volume is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3]

CLEANEARTH
treating the planet right

3201 South 61st Street
Philadelphia, PA 19153
T 215-724-5520
F 215-724-2939
www.cleanearthinc.com

19 May 2008

Mr. Rich Dyroff
Sarakem Corp.
15 Buell Street
Hanover, NH 03755

Re: CE Flushing, LLC
40-22 College Point Blvd
Flushing, NY 11354
Stockpiles 46, 47A, 47B, 47C

Dear Mr. Dyroff,

In regards to the above referenced historic fill, contaminated soil, 1800 tons of the material has been approved for acceptance in to Clean Earth of Philadelphia.

Processing of the soil for ultimate reuse will be performed under PADEP solid waste permit number 301220, issued to Clean Earth of Philadelphia.

Sincerely,

Dane M. Tanner
Clean Earth of Philadelphia
Laboratory Director/Approval manager

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-4508 Fax: (215) 724-4539

Material: 420140
Vehicle ID: 11185
Profile: 881500
Customer: MERS MOVEMENT [1] 7185

Customer: CE Flushing LLC
Del Address: 110 35 Queens Blvd
Forest Hills, NY 11375

Origin: Materials & Services
Queens
Queens

Storage Areas Soil Approval
Sample ID: DEC
Comments:

Ticket: 310000039062

	Date	Time	Scale
In:	6/11/2010	16:43:16	Scale 1
Out:	6/11/2010	16:44:04	P.T.

	Lbs	Tns
Gross:	85700	42.85
Tare:	26200	13.14
Net:	59420	29.71

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pl, Qns
Flushing, NY 11354

Quantity	Unit
29.71	Tns
29.71	Tns

Driver: DEDEER T.

Facility: Schmidt, Joe

CLEAN EARTH

Manifest # 426940

08310016

GLOBAL JOB NUMBER: 105041 FACILITY APPROVAL NUMBER: ~~083070926~~

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards	42,55
	TARE WEIGHT: ☐Tons ☐Yards	13,14
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	29,71

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON HAZARDOUS SOIL FOR RECYCLING. STOCKPILE SP-68/69

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1305

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 105 - AL3735

Driver: DIDIER TABORDA (Type or Print Clearly) SW Haulers Permit #: NJ-SA6 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: DIDIER TABORDA Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: DIDIER TABORDA Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6-11-10

Ticket: 310000039045

	Date	Time	Scale
In:	6/11/2010	10:10:06	Scale 1
Out:	6/11/2010	10:16:38	Scale 1

	Lbs	Tns
Gross:	87700	43.85
Tare:	26280	13.14
Net:	61420	30.71

Facility Approval: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Quantity	Unit
30.71	Tns
30.71	Tns

Driver: DIDEN

Facility: Clifford N 67116

CLEANEARTH

Manifest # 408440

GLOBAL JOB NUMBER: 105041

FACILITY APPROVAL NUMBER: ~~083100161~~ 083100161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

Act 90 # WH 7892

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards
	TARE WEIGHT: ☒ Tons ☐ Yards 13.14
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☒ Tons ☐ Yards 30.71

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-69/68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 720

TRANSPORTER

Company: RAINBOW TRANSPORTATION CORP Phone Number: 973-970-9240

Address: 1470 RTE 46, LEDGEWOOD, NJ 07852 Truck # and License Plate: AL-3735 (NJ) / #105

Driver: DIDIER TABORDA (Type or Print Clearly) SW Haulers Permit #: NJ-586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: DIDIER TABORDA Date and Time: 6/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: DIDIER TABORDA Date and Time: 6/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000639007

	Date	Time	Scale
In:	6/10/2010	10:12:48	Scale 1
Out:	6/10/2010	10:13:07	P.T.

Manifest: 408452
Vehicle ID: R882
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

	Lbs	Tns
Gross:	92960	46.48
Tare:	26600	13.30
Net:	66360	33.18

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity Unit
Queens	Soil Treatment	33.18 Tn
Queens	Soil Treatment	33.18 Tn

Storage Area: Area 4
Sample ID: DRS
Comment:

Driver: _____ Facility: _____
Jay, Cliffland NJ 67116

CLEANEARTH

Manifest # 408452

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

ALT 90 WH 1344

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354**	GROSS WEIGHT: ☐ Tons ☒ Yards
	TARE WEIGHT: ☒ Tons ☐ Yards 13.30
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☒ Tons ☐ Yards 33.18

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/10 7:05

TRANSPORTER

Company: RBW Phone Number:

Address: Truck # and License Plate: 88 AM2863

Driver: MARK ZUCKERMAN SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/10/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/10/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/10/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 3100000039000

	Date	Time	Scale
In:	6/10/2010	10:15:35	Scale 1
Out:	6/10/2010	10:16:00	P.T.

	Lbs	Tns
Gross:	83940	41.97
Tare:	27340	13.67
Net:	56600	28.30

Manifest: 408451
Vehicle ID: R002
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 003100161

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	28.30	Tns
Queens	Soil Treatment	28.30	Tns

Storage Area: Area 4
Sample ID: DRS
Comment:

Driver: Thomas O'Donnell

Facility: Jay, Clifford M 67116

CLEANEARTH

Manifest # 408451

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- ☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

Act 90 HB 1574

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
CE Flushing 40-22 College Point Boulevard Flushing, NY 11354	TARE WEIGHT: ☒ Tons ☐ Yards	13.67
GENERATOR'S PHONE: 718-263-3800	NET WEIGHT: ☒ Tons ☐ Yards	28.30

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/10/10 7:15

TRANSPORTER

Company: Green Wood Phone Number:

Address: 123 HOWARD BLVD Truck # and License Plate: AL658B

Driver: Jhonny G Porras SW Haulers Permit #: NJ-586 02

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Jhonny G Porras Date and Time: 06/10/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6/10/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Jhonny G Porras Date and Time: 06/10/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-5910

Ticket: 310000039011

	Date	Time	Scale
In:	6/10/2010	10:20:49	Scale 1
Out:	6/10/2010	10:21:45	E.T.

	Lbs	Tns
Gross:	42140	21.07
Tare:	25940	12.97
Net:	16200	8.10

Manifest: 408450
Vehicle ID: EA74
Act 90 Decal: WH544
Customers: MUSS DEVELOPMENT LLC

Facility Approvals: 0A210A161
Gen Number: CE Plumbing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Tch Address: 99 Jefferson Rd. Bldg
Parsippany, NJ 07054

Origin	Materials & Services	Quantity, Unit
Queens	Soil Treatment	20.10 T.s.
Queens	Soil Treatment	20.10 T.s.

Storage Area: Area 4
Sample ID: DRS
Comments:

Driver: Jose F.

Facility: Jay Clifford 6.2.10

CLEANEARTH

Manifest # 408450

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- ☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

ALT 90 # WH1544

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards
	TARE WEIGHT: ☒ Tons ☐ Yards 12.92
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☒ Tons ☐ Yards 28.15

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/10 7:35

TRANSPORTER

Company: RAINBOW CORP Phone Number:

Address:

Driver: JOSE FLORES (Type or Print Clearly) Truck # and License Plate: (874) AL130M

SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JOSE F. Date and Time: 6/10/10 7:35

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JOSE F. Date and Time: 6/10/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/10/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5526 Fax: (215) 724-2939

Ticket: 3100000039012

	Date	Time	Scale
In:	6/10/2010	10:47:33	Scale 1
Out:	6/10/2010	10:56:11	E.T.

	Lbs	Ton
Gross:	95020	47.51
Tare:	36200	18.10
Net:	58820	29.41

Manifest: 408449
Vehicle ID: R872
Act 98 Decal: WH1544
Customer: MASS DEVELOPMENT CORP

Facility Approval#: 0831B0161

Generator: CC Flushing LLC
Gen Address: 110 35 Queens Blvd
Forest Hills, NY 11375

Job Name: CC Flushing LLC
Job Address: 40 02 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	29.41	Ton
Queens	Soil Treatment	29.41	Ton

Storage Area: Area 4
Sample ID: DRS
Comments:

Driver: _____

Facility: _____
Jay, Clifford H (711)

CLEANEARTH

Manifest # 408449

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- ☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

ACT 90 # WM 1544

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: ☒ Tons ☐ Yards	
TARE WEIGHT: ☒ Tons ☐ Yards	13.10
NET WEIGHT: ☒ Tons ☐ Yards	29.41

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/10 750

TRANSPORTER

Company: Rainbow Corp. Phone Number:

Address: Ridgewood N.J. Truck # and License Plate: 872 AM635D

Driver: JOSE MONTANEZ (Type or Print Clearly) SW Haulers Permit #: NJ-586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/10/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/10/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000039013

	Date	Time	Scale
In:	6/10/2010	10:57:55	Scale 1
Out:	6/10/2010	10:58:07	P.T.

	Lbs	Tns
Gross:	85720	42.86
Tare:	25480	12.74
Net:	60240	30.12

Manifest: 408448
Vehicle ID: R825
Act 90 Decal: ~~WH7092~~ 1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Generator: CE Flushing LLC
Job Name: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	30.12	Tns
Queens	Soil Treatment	30.12	Tns

Storage Area: Area 4
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Jay, Clifford H 67116

CLEANEARTH

Manifest # 408448

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

ACT ID # 1544

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354	GROSS WEIGHT: ☒ Tons ☐ Yards	
	TARE WEIGHT: ☒ Tons ☐ Yards	12.74
GENERATOR'S PHONE: 718-263-3800	NET WEIGHT: ☒ Tons ☐ Yards	30.12

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling — STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/10/10 800

TRANSPORTER

Company: Rainbow Comp Phone Number:

Address: Hackettstown NJ Truck # and License Plate: AM-234N (NJ) / #825

Driver: Andres Sabogal SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6/10/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6/10/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/10/10

GENERATOR

Ticket: [illegible]

	Date	Time	Scale
In:	[illegible]	[illegible]	Scale 1
Out:	[illegible]	[illegible]	P.I.

	Lbs	Ton
Tare:	[illegible]	[illegible]
Gross:	[illegible]	[illegible]
Net:	[illegible]	[illegible]

Material Supplied [illegible]
Sub Hauler [illegible]
Sub Address [illegible]

Driver: [illegible]
Truck: [illegible]
Trailer: [illegible]

Weight	Materials & Services	Quantity Unit
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Signature Required
Sample Id: [illegible]
Comments

Driver: [signature]

Facility: [signature]
[illegible]

CLEANEARTH

Manifest # 408447

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

ACT 90 #17892

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
CE Flushing 40-22 College Point Boulevard Flushing, NY 11354	TARE WEIGHT: ☒ Tons ☐ Yards	13.47
GENERATOR'S PHONE: 718-263-3800	NET WEIGHT: ☒ Tons ☐ Yards	28.88

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/10 815

TRANSPORTER

Company: Nicholas J Phone Number:

Address: 123 Howard Blvd - Ledgewood Truck # and License Plate: AM-856L(NJ)/#207

Driver: Cesar Bedoya SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/10/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/10/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/10/10

GENERATOR

City Form of Philadelphia
3001 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-9500 Fax: (215) 724-2037

Ticket: 3109000150028

	Date	Time	Scale
In:	6/10/2010	12:10:57	Scale 1
Out:	6/10/2010	12:11:17	Out

	Lbs	Ton
Gross:	88020	44.01
Tare:	25540	12.77
Net:	62480	31.24

Manifest: 488341
Order to Dis: 8078
Veh ID Serial: WH15xx
Customer: M&T EQUIPMENT Corp

Facility Operator: Destination
Tub Name: CE Flushing LLC
Job Address: 47-25 College Pt. Blvd
Flushing, NY 11354

Origin: Materials & Services

Source: Dust Treatment
Driver: Dust Treatment

Quantity Hauled
31.99 Tns
31.49 Tns

Storage Area: Not Applicable
Sample Id: DEC
Comments

Driver: Jose F.

Facility: Schmidt, Joe

CLEANEARTH

Manifest # 408441

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing** **40-22 College Point Boulevard** **Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards	44.41
	TARE WEIGHT: ☐ Tons ☐ Yards	12.95
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	31.46

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/10 1310

TRANSPORTER

Company: RAINBOW CORP Phone Number:

Address: Truck # and License Plate: (874) AL130M

Driver: JOSE FLORES SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JOSE F. Date and Time: 6/10/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JOSE F. Date and Time: 6/10/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Joseph Schmidt Date and Time: 6/10/10

GENERATOR

Clean Earth of Philadelphia
3265 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-2530 Fax: (215) 724-2532

Manifest: 4808141
Ticket: Tax Exempt
Profile: MH1046
Customer: METRO DEVELOPMENT CORP

Generator: CE Flushing LLC
Site Address: 110-30 Queens Blvd
Forest Hills, NY 11375

Ticket: 210000030809

	Date	Time	Shift
In:	6/10/2019	14:07:38	Dealer
Out:	6/10/2019	16:09:56	C.T.

	Inv.	Tax
Gross:	912660	85.63
Tare:	273360	54.27
Net:	639340	31.37

Facility Approval: GPA100016
Site Name: CE Flushing LLC
Job Address: 40-20 College Pt. Blvd
Flushing, NY 11354

Material Description

Quantity: Unit

31.37 Ton

Subtotal: 31.37 Ton

Delays:

Comments:

Customer Signature or Approval:
Sample Tag No:
Comments:

Driver: Johnny O'Connor

Facility: Schmidt, Joe

CLEANEARTH

Manifest # 408443

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: ☒ Tons ☐ Yards 45.60
TARE WEIGHT: ☐ Tons ☐ Yards 13.67
NET WEIGHT: ☐ Tons ☐ Yards 31.93

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER
Signature: Matt Oleske AS AGENT FOR CE FLUSHING Date and Time: 6/10/2010 1335

TRANSPORTER

Company: GREENWOOD
Address: 123 HOWARD BLVD
Driver: JHONNY G PORRAS (Type or Print Clearly)
Phone Number:
Truck # and License Plate: AL658B
SW Haulers Permit #: 02 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.
Driver Signature: Jhonny G Porras Date and Time: 06/10/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.
Driver Signature: Jhonny G Porras Date and Time: 06/10/10
I hereby certify that the above named material has been accepted at the above referenced facility.
Authorized Signature: [signature] Date and Time: 06/10/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5529 Fax: (215) 724-7330

Manifest: 488542
Vehicle ID: 8080
Act 90 Decals: WH1564
Customer: MUSS DEVELOPMENT CORP.

Generator: CE Flushing LLC
Gen Address: 110-35 Whitney Ave
Forest Hills, NY 11375

Origin

Queens
Queens

Storage Area: Not Applicable
Sample ID: DMS
Comments:

Transp: 3108080C0830

	Date	Time	Scale
Tra:	6/14/2018	16:38:38	Scale 1
Del:	6/18/2018	10:53:03	E.T.

	Tra	Del
Grosss:	83140	46750
Tares:	36260	37380
Nets:	47340	9370

Facility approved: 0053(0815)
T.S. Name: CE Flushing LLC
Sub Address: 48-22 Lathrop Ave, Rear
Flushing, NY 11355

Recvd by: Unit

Driver:

Facility:
Schmitt, Jon

CLEANEARTH

Manifest # 408442

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards 46.52
	TARE WEIGHT: ☐ Tons ☐ Yards 13.50
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards 33.02

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MAT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/10/2010 1315

TRANSPORTER

Company: RBW Phone Number:

Address: Truck # and License Plate: 882 AM286NS

Driver: MARK ZUCKERMAN SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-10-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6-10-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6-10-10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 3100000039031

	Date	Time	Scale
In:	6/10/2010	16:59:50	Scale 1
Out:	6/10/2010	17:02:20	P.T.

	Lbs	Tns
Gross:	81200	40.60
Tare:	26200	13.10
Net:	55000	27.50

Manifest: 408444
Vehicle ID: R872
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	27.50	Tns
Queens	Soil Treatment	27.50	Tns

Storage Area: Not Applicable
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Schmidt, Joe

CLEANEARTH

Manifest # 408444

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing** **40-22 College Point Boulevard** **Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards 40,60
	TARE WEIGHT: ☐ Tons ☐ Yards 13,10
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards 27,50

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68/69

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/2010 1345

TRANSPORTER

Company: Rainbow Corp. Phone Number:

Address: Teaneck N.J Truck # and License Plate: 572 TM 035D

Driver: JOSE MONTOYA SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/10/10

DESTINATION

I hereby certify ~~that the~~ above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/10/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Ralph Schmidt Date and Time: 6/10/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5500 Fax: (215) 724-7351

Ticket: 3100000039032

	Date	Time	Scale
In:	6/10/2010	17:23:46	Scale 1
Out:	6/10/2010	17:24:58	P.T.

	Lbs	Tns
Gross:	80000	40.00
Tare:	25480	12.74
Net:	54520	27.26

Manifest: 488rwh
Vehicle ID: 2622
Act 90 Permit: WMGM43
Customer: [illegible]

Facility Approval: 883108161
Job Name: CF Flushing LLC
Job Address: 40 72 College Pt. Blvd
Flushing, NY 11354

Origin: CF Flushing LLC
Erin Andrews c/o 30 Dunnes Blvd
Forest Hills, PA 15221

Origin	Material & Service	Quantity	Unit
Shown	Soil Treatment	27.26	Tns
Paygen	Soil Treatment	27.26	Tns

Shipping Notes Not Applicable
Complete TDs: 0x0
Comments:

Drivers: _____

Facility: Schmidt, Joe

CLEANEARTH

Manifest # 408445

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	40,00
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐ Tons ☐ Yards	12,74
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	27,26

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68/69

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/2010 1400

TRANSPORTER

Company: Rainbow Comp Phone Number:

Address: Hackesstown NJ Truck # and License Plate: 825 AM234M

Driver: Andres Sabogal SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/10/2010

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/10/2010

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/10/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Phn (215) 724-5500 Fax (215) 724-2979

Ticket: 5100888339833

	Date	Time	Scale
In:	6/18/2018	17:49:39	Scale 1
Out:	6/18/2018	17:57:39	0.1%

	Net	Tare
Gross:	80340	51,520
Tares:	28940	51,520
Nets:	51400	0.00

Manifest: 008,38
Vehicle Id: 1HAJCNJT
Acct Id: Bo...ia
Customer: [illegible]

Facility Approval No: 0003SRI01
Generator: GF Plumbing Ltd
Gen Address: 140 Old Rte 22 Bldg 2
Fernhurst Bolton, PA 19525

Job Name: GF Plumbing Ltd
Job Address: 90-92 Cartridge Rd, Bldg
Plumbing, PA 18...

Origin: Materials & Services
Waste: Soil Treatment
Waste: Soil Treatment

Quantity Unit
[illegible] Ton
[illegible] Ton

Shipping Area: Not Applicable
Sample No: 800
Comments:

Driver: _____

Facility: _____
Authority Sign

CLEANEARTH

Manifest # 408446

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing** **40-22 College Point Boulevard** **Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards	41,67
	TARE WEIGHT: ☐ Tons ☐ Yards	13,47
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	28,20

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68/69

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/10/2010 1425

TRANSPORTER #207

Company: Nicholas

Address: 123 Howard Blvd. NJ

Driver: Jesse Bedoya

(Type or Print Clearly)

Phone Number:

Truck # and License Plate: AM856L

SW Haulers Permit #:

(applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/10/2010

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/10/2010

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/10/2010

Clean Earth of Philadelphia
2001 South 61st Street
Philadelphia, PA 19153
Phone (215) 365-7500 Fax (215) 365-8130

Manifest: 4884 FI
Vehicle: Tbx 81385
Approved Destination: MAT0147
Purchase Order: MOSS Bridge Project Number

Generator: US Trucking Inc
Gen. Address: 110 Jay Street Unit
Parsons Hill, NJ 17177

Origin:
Route:
Caveats:

Storage Area: Drum
Sample Tbx: 0883
Comments:

Profile: 1988868.001RS

	Date	Time	Status
In:	6/11/2018	10:16:26	Gross
Out:	6/11/2018	10:46:36	Gross

	Lbs.	Tons
Gross:	82760	41.38
Tare:	72280	36.14
Net:	10480	5.24

Facility Approved: 8863889161
Trip Number: PT Trucking LLC
Sub Address: 48 PT College Pkg, Drive
Pittsburg, NY 11450

Materials & Services	Quantity	Unit
Soil Treatment	31.71	Tns
Soil Treatment	30.71	Tns

Driver: DIDIER

Facility: Jeffrey Ross M 67316

CLEANEARTH

Manifest # 408440

083100161

LOBAL JOB NUMBER: 105041 FACILITY APPROVAL NUMBER: ~~0831000161~~

ease Check One:

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

ACT90 # WH7892

ype or Print Clearly)

ENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

ENERATOR'S PHONE: 718-263-3800

GROSS WEIGHT: ☐ Tons ☐ Yards
TARE WEIGHT: ☒ Tons ☐ Yards 13.14
NET WEIGHT: ☒ Tons ☐ Yards 30.71

ESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

on-Hazardous Soil Destined for Recycling STOCKPILE SP-69/68

ENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

ame: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

ignature: MO AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 720

RANSPORTER

ompany: RAINBOW TRANSPORTATION CORP Phone Number: 973-970-9240

ddress: 1170 RTE 46, LEDGEWOOD, NJ 07852 Truck # and License Plate: AL-3735(NJ) / #105

river: DIDIER TABORDA (Type or Print Clearly) SW Haulers Permit #: NJ-586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

river Signature: DIDIER TABORDA Date and Time: 6/11/10

ESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

river Signature: DIDIER TABORDA Date and Time: 6/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

uthorized Signature: Date and Time: 6/11/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-2526 Fax: (215) 724-[illegible]

Ticket: [illegible]

	Date	Time	Scale
Tare	6/21/2018	16:13:46	Scale 1
Gross	6/21/2018	16:41:04	P.T.

	Lbs.	Tons
Material	[illegible]	[illegible]
Loss	[illegible]	[illegible]
Net	[illegible]	[illegible]

Manifest: [illegible]
Vehicle ID: [illegible]
Profile Number: [illegible]
Customer: [illegible]

Generator: DF Plumbing LLC
Work Address: [illegible]
Permit: [illegible]

Transporter Approximate Quantities
Tob Hauler of Plumbing LLC
Tob Address: [illegible]
Cleveland, OH [illegible]

Origin: Material Type & Source: Quantity: Unit

Operator: Scale Technician [illegible] Tare
Driver: Scale Technician [illegible] Net

Shipping Hazard Indicator:
Sample ID: [illegible]
Comments:

Driver: DEDEER T.

Facility: [illegible]
Schmidt, Jen

CLEAN EARTH

Manifest # 426940

08310016

GLOBAL JOB NUMBER: 105041

FACILITY APPROVAL NUMBER: ~~08307092G~~

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC	GROSS WEIGHT: ☐Tons ☐Yards	42,55
40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	13,14
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	29,71

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON HAZARDOUS SOIL FOR RECYCLING. STOCKPILE SP-68/69

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MAT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1305

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 105 - AL3735

Driver: DIDIER TABORDA (Type or Print Clearly) SW Haulers Permit #: NJ-SA6 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: DIDIER TABORDA Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: DIDIER TABORDA Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6-11-10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000038971

	Date	Time	Scale
In:	6/9/2010	10:28:55	Scale 1
Out:	6/9/2010	10:29:54	P.T.

	Lbs	Tns
Gross:	89540	44.77
Tare:	26860	13.43
Net:	62680	31.34

Manifest: 249382
Vehicle ID: R828
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	31.34	Tns
Queens	Soil Treatment	31.34	Tns

Storage Area: Area 3
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Jay, Clifford H 67116

CLEANEARTH
treating the planet right

Manifest # 249382

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly) ACT90 WA1544

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt Blvd Flushing NY	TARE WEIGHT: ☒Tons ☐Yards	13.43
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☒Tons ☐Yards	31.34

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: Matt Oleske AS AGENT FOR CE FLUSHING Date and Time: 6-9-2010 720

TRANSPORTER

Company: Rainbow Trans. Phone Number:

Address: Ledgewood NJ. Truck # and License Plate: 828 / AM854L

Driver: Jaime Molina SW Haulers Permit #: NJ 586.

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/9/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/9/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/9/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000038972

	Date	Time	Scale
In:	6/9/2010	10:31:03	Scale 1
Out:	6/9/2010	10:31:45	P.T.

	Lbs	Tns
Gross:	85760	42.88
Tare:	26920	13.46
Net:	58840	29.42

Manifest: 249384
Vehicle ID: R881
Act 90 Decal: WH1544R
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	29.42	Tns
Queens	Soil Treatment	29.42	Tns

Storage Area: Area 3
Sample ID: DRS
Comments:

Driver: _____

Facility: _____
Jay, Clifford H 67116

CLEANEARTH
treating the planet right

Manifest # 249384

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

ALT 90 MT 1544

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt Blvd Flushing NY	TARE WEIGHT: ☒Tons ☐Yards	13.46
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	29.42

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESICE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 735

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973 970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AH 803 R 881

Driver: John Patino SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-9-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6-9-10.

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/9/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 3100000038976

	Date	Time	Scale
In:	6/9/2010	10:45:46	Scale 1
Out:	6/9/2010	10:46:13	P.T.

	Lbs	Tns
Gross:	83080	41.54
Tare:	27100	13.55
Net:	55980	27.99

Manifest: 249389
Vehicle ID: R862
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	27.99	Tns
Queens	Soil Treatment	27.99	Tns

Storage Area: Area 3
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Jay, Clifford H 67116

CLEANEARTH
treating the planet right

Manifest # 249389

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

Act 90 WH 1544

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt Blvd Flushing NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☒Tons ☐Yards	13.55
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☒Tons ☐Yards	27.99

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 7:50

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 862 - AL-251K (NJ)

Driver: William Zuloaga SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/9/2010

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/9/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 3100000038977

	Date	Time	Scale
In:	6/9/2010	10:51:33	Scale 1
Out:	6/9/2010	10:54:52	P.T.

	Lbs	Tns
Gross:	86760	43.38
Tare:	26440	13.22
Net:	60320	30.16

Manifest: 249386
Vehicle ID: R888
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	30.16	Tns
Queens	Soil Treatment	30.16	Tns

Storage Area: Area 3
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Jay, Clifford H 67116

CLEANEARTH
treating the planet right

Manifest # 249386

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

ACT 90 HH 1544

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt Blvd Flushing NY	TARE WEIGHT: ☒Tons ☐Yards	13.22
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☒Tons ☐Yards	30.16

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESIKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: M. Olesike AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 8:05

TRANSPORTER

Company: ~~Rainbow Transport Corp.~~ Phone Number: ~~973-970-9240~~

Address: ~~1470 Route 46, Ledgewood, NJ 07852~~ Truck # and License Plate: AM354 11888

Driver: Leo Sepulveda (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-9-2010

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6-9-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/9/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000038994

	Date	Time	Scale
In:	6/9/2010	15:11:44	Scale 1
Out:	6/9/2010	15:13:27	P.T.

	Lbs	Tns
Gross:	78080	39.04
Tare:	26020	13.01
Net:	52060	26.03

Manifest: 249381
Vehicle ID: R880
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Generator: CE Flushing LLC
Job Name: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	26.03	Tns
Queens	Soil Treatment	26.03	Tns

Storage Area: Area 3
Sample ID: DRS
Comment:

Driver: alex

Facility: Jay, Clifford H 67116

CLEANEARTH
treating the planet right

Manifest # 249381

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

ACT 90 # 1544

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt Blvd Flushing NY	TARE WEIGHT: ☒Tons ☐Yards	13.01
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☒Tons ☐Yards	26.03

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESICE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: Matt Olesice AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 1235

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 880 AL778N

Driver: ALEXANDER SIERRA (Type or Print Clearly) SW Haulers Permit #: NJ586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Alexander Sierra Date and Time: 06-09-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Alexander Sierra Date and Time: 06-09-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/9/10

GENERATOR

Clean Earth of Philadelphia
2701 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5300 Fax: (215) 724-7232

Ticket: 3100803340395

	Date	Time	Scale
In:	6/2/2010	10:00:58	Scale 1
Out:	6/2/2010	14:02:50	E.T.

	Lbs.	Tons
Gross:	76780	38.39
Tare:	29800	14.90
Net:	46980	23.49

Material: 26-0985
Profile No: 8081
Pet. Or Permit: 4810-AM
Customer: 0005 DEQUINCY ENGINEERING

Facility Approved: 06/08/2010
Generator: CE Flexible LLC
Generator Address: 110 30 Dunreath Blvd
Forest Hills, NY 11375
Job Reference: 40 60' Cottage P.O. Grant
Flexible, NY 11954

Origin	Materials & Services	Quantity Unit
Shipping	Soil Treatment	23.49 Ton
Receiving	Soil Treatment	23.49 Ton

Clearance Areas Not Applicable
Sample ID: 0001
Comments:

Driver: _____

Facility: _____
Authority Rep.

CLEANEARTH
treating the planet right

Manifest # 249385

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt Blvd Flushing NY	GROSS WEIGHT: ☐Tons ☐Yards 38 37
	TARE WEIGHT: ☐Tons ☐Yards 13 46
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards 24 91

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 13:20

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL 803R (881)

Driver: JOHN PALMER (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-9-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6-9-10.

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6-9-10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000038996

	Date	Time	Scale
In:	6/9/2010	16:04:13	Scale 1
Out:	6/9/2010	16:04:48	P.T.

	Lbs	Tns
Gross:	82280	41.14
Tare:	26860	13.43
Net:	55420	27.71

Manifest: 249383
Vehicle ID: R828
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 883100161
Job Name: CE Flushing LLC
Job Address: 48-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity Unit
Queens	Soil Treatment	27.71 Tns
Queens	Soil Treatment	27.71 Tns

Storage Area: Not Applicable
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Schmidt, Joe

CLEAN EARTH
treating the planet right

828

Manifest # 249383

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** ~~083100161~~

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of West Virginia, 3815 South State Route 2, Friendly, WV 26146, Ph: 304-652-8580
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	41,14
~~CE Flushing LLC~~		
~~40-22 College Pt Blvd Flushing NY~~	TARE WEIGHT: ☐Tons ☐Yards	13,43
GENERATOR'S PHONE: ~~Mike Brenner 718-263-3800~~	NET WEIGHT: ☐Tons ☐Yards	27,71

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 13:10

TRANSPORTER

Company: ~~Rainbow Transport Corp.~~ Phone Number: ~~973-970-9240~~

Address: ~~1470 Route 46, Ledgewood, NJ 07852~~ Truck # and License Plate: 828 / AM1854L

Driver: Jaime Molina (Type or Print Clearly) SW Haulers Permit #: NJ 586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6/9/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6/9/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/9/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2979

Ticket: 1000003777

	Date	Time	Scale
In:	6/27/2018	12:21pm	Scale 1
Out:	6/27/2018	12:35:44	T.F.

	Tare	Net
Gross:	33660	41.33
Tare:	27440	11.02
Net:	74220	30.31

Manifest: 249387
Vehicle ID: R888
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Facility Approvals: 06319001
Job Name: CE Flushing LLC
Job Address: 38-27 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity Unit
Queens	Soil Treatment	21.12 ton
Queens	Soil Treatment	9.19 ton

Storage Area: Not Applicable
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Edward L. Jr.

CLEANEARTH
treating the planet right

Manifest # 249387

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt Blvd Flushing NY	GROSS WEIGHT: ☐Tons ☐Yards 44.24
	TARE WEIGHT: ☐Tons ☐Yards 13.09
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards 31.15

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESIKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 13:35

TRANSPORTER

Company: ~~Rainbow Transport Corp.~~ Phone Number: ~~973-970-9240~~

Address: ~~1470 Route 46, Ledgewood, NJ 07852~~ Truck # and License Plate: AM3541 888

Driver: _____ SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-9-2010

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6-9-2010

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6-9-10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000038998

	Date	Time	Scale
In:	6/9/2010	16:36:55	Scale 1
Out:	6/9/2010	16:40:00	E.T.

	Lbs	Tns
Gross:	86180	43.09
Tare:	27100	13.55
Net:	59080	29.54

Manifest: 408453
Vehicle ID: R062
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 003100161

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	29.54	Tns
Queens	Soil Treatment	29.54	Tns

Storage Area: Not Applicable
Sample ID: DRS
Comment:

Driver:

Facility: Schmidt, Joe

CLEANEARTH

Manifest # 408453

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 0831000161

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354	GROSS WEIGHT: ☒ Tons ☐ Yards — 19.09
	TARE WEIGHT: ☐ Tons ☐ Yards — 13.55
GENERATOR'S PHONE: 718-263-3800	NET WEIGHT: ☐ Tons ☐ Yards — 29.54

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-68

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESIK AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/9/2010 13:50

TRANSPORTER

Company: Rainbow Trans Phone Number: 973-9709240

Address: 1440 Rt 46, Ledgewood NJ Truck # and License Plate: 862 - AL251K

Driver: William Zulota SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-9-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Joseph Salvati Date and Time: 6-9-10

GENERATOR

Client: Earth of Philadelphia
2031 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-4709 Fax: (215) 724-4709

Ticket: 3100000039007

	Date	Time	Scale
Tare	6/15/2010	10:12:48	Scale 1
Gross	6/15/2010	10:13:07	P.T.

	Lbs	Tons
Gross:	92960	46.48
Tare:	76280	38.14
Net:	16680	8.34

Material: (00463)
Vehicle: 11, (on/2)
Acct. ID Number: M11543
Customer: MESS (MUSTARD SEED) (CUST)

Certificate Approved By: 08310101
Job Number: 08 Cheltenham
Job Address: 98 SE Cottage Pk. Blvd
Cheltenham, PA 19254

Destination: 08 Cheltenham
Farm Address: 110 Bethayres Blvd
Cheltenham, PA 19254

Origin	Materials & Services	Quantity Unit
Universe	Soil Treatment	23.10 Ton
Universe	Soil Treatment	23.10 Ton

Hauling Permit: Prem. 1
Sample ID: DES
Comments:

Driver: _____ Facility: _____

Jay, Philadelphia PA 19116

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000035237

	Date	Time	Scale
In:	1/5/2010	09:59:24	Scale 1
Out:	1/5/2010	09:59:47	P.T.

	Lbs	Tns
Gross:	77580	38.79
Tare:	25500	12.75
Net:	52080	26.04

Manifest: 378418
Vehicle ID: R847
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	26.04	Tns
Queens	Soil Treatment	26.04	Tns

Storage Area: Area 4
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Jay, Clifford H 67116

CLEANEARTH

Manifest # 378418

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083100161 [redacted]26 (SG)

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

Act 60 ft 1544

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC, 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☒Tons ☐Yards	1275
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	26.84

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION SP-66 Urban Fill

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Green Title: Agent for CE Flushing

Signature: [signature] Date and Time: 1/5/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AJ175 S (84)

Driver: Hector [illegible] SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1/5/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1/5/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 1/5/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000035238

	Date	Time	Scale
In:	1/5/2010	10:03:48	Scale 1
Out:	1/5/2010	10:04:23	P.T.

	Lbs	Tns
Gross:	76940	38.47
Tare:	26500	13.25
Net:	50440	25.22

Manifest: 378417
Vehicle ID: R822
Act 90 Decal: WH7892
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	25.22	Tns
Queens	Soil Treatment	25.22	Tns

Storage Area: Area 4
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Jay, Clifford M 67116

CLEANEARTH

Manifest # 378417

GLOBAL JOB NUMBER: ~~105041~~ FACILITY APPROVAL NUMBER: 09310016[illegible]

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

Acct # 7892

GENERATOR'S NAME & SITE ADDRESS: ~~CE Flushing LLC~~ ~~40-22 College Pt. Blvd, Flushing, NY~~	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☒Tons ☐Yards	13.25
GENERATOR'S PHONE: ~~Mike Brenner 718-263-3800~~	NET WEIGHT: ☒Tons ☐Yards	25.22

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Urban Fill SP-66

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Grais Title: Agent for CE Flushing

Signature: [signature] Date and Time: 1/5/10

TRANSPORTER

Company: ~~Rainbow Transport Corp.~~ Phone Number: ~~973-970-9240~~

Address: ~~1470 Route 46, Ledgewood, NJ 07852~~ Truck # and License Plate: # 822 AL660 NJ

Driver: J. ACUNA (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1/5/10.

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 1/5/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000035280

	Date	Time	Scale
In:	1/5/2010	15:23:10	Scale 1
Out:	1/5/2010	15:23:20	P.T.

	Lbs	Tns
Gross:	89120	44.56
Tare:	25500	12.75
Net:	63620	31.81

Manifest: 378193
Vehicle ID: R847
Act 90 Decal: WH1544
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	31.81	Tns
Queens	Soil Treatment	31.81	Tns

Storage Area: Area 4
Sample ID: DRS
Comment:

Driver: _____

Facility: _____
Jay, Clifford H 67116

CLEANEARTH

Manifest # 378193

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** [redacted]

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- ☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC, 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards 44.56
	TARE WEIGHT: ☒Tons ☐Yards 12.75
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards 31.81

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION SP-66 Urban Fill

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Grear Title: Agent for CE Flushing

Signature: Date and Time: 1/5/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: [illegible] 1755

Driver: HECTOR [illegible] SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/5/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/5/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/5/10

GENERATOR

Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: (215) 724-5520 Fax: (215) 724-2939

Ticket: 310000035281

	Date	Time	Scale
In:	1/5/2010	15:23:31	Scale 1
Out:	1/5/2010	15:24:20	P.T.

	Lbs	Tns
Gross:	82780	41.39
Tare:	26500	13.25
Net:	56280	28.14

Manifest: 378194
Vehicle ID: R822
Act 90 Decal: WH7892
Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083100161
Generator: CE Flushing LLC
Job Name: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment	28.14	Tns
Queens	Soil Treatment	28.14	Tns

Storage Area: Area 4
Sample ID: DRS
Comments:

Driver:

Facility:
Jay, Clifford, H 67116

CLEANEARTH

Manifest # 378194

GLOBAL JOB NUMBER: 105041 FACILITY APPROVAL NUMBER: ~~083070926~~ 083100161 (59)

Please Check One:

- ☒ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☒ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

AC790 in + 7892

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☒Tons ☐Yards	1325
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☒Tons ☐Yards	28.17

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Urban Fill SP-66

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greer Title: Agent for CE Flushing

Signature: Date and Time: 1/5/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 922 AK660X NJ

Driver: J. Aguilera SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/5/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/5/10

GENERATOR

CLEANEARTH

Manifest # 408384

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X ☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other _____

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP13

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ASHUTOSH SHARMA As Agent for CE FLUSHING Title: Environmental Scientist

Signature: As Agent for CE FLUSHING Date and Time: 6/15/10 0706.

TRANSPORTER

Company: Greenwood Phone Number:

Address: Lodgwood NJ Truck # and License Plate: AM235M / 8144

Driver: Heriberto Ramos SW Haulers Permit #: NJ586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: H. Ramos Date and Time: 6/15/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: H. Ramos Date and Time: 6/15/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/15/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8000 Fax: (732) 541-0160

Manifest#: 005344
Vehicle ID#: 6HTH4C

Ticket: 00000000000

	Date	Time	Scale
In:	07/15/2014	09:56:52	Scale 1
Out:	07/15/2014	09:58:41	M.T.

	Lbs	Tons
Gross:	91,340	45.67
Tare:	26,260	13.13
Net:	65,080	32.54

Transporter: Hanson Aggregates
Job Name: [illegible]
Job Address: [illegible]
Phone#: (732) 541-0160

Generator: Hanson Aggregates

Waste Code: Soil Contaminated Type: DT

32.54 Tons

Containers: Type: C DT
Containers: Type: Dir
Last Waste Codes: 07 DEP 73 27
Disposal: Internal Transportation
Containers: Type: Not Applicable
Containers: Type: Not Applicable
Waste Codes: Not Applicable

32.54 Tons

Comments:

Inspector: _____

Facility: _____

CLEANEARTH

Manifest # 408383

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X
- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other _____
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing** **40-22 College Point Boulevard** **Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards
	TARE WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ASHUTOSH SHARMA As Agent for CE FLUSHING Title: Environmental Scientist

Signature: As Agent for CE Flushing Date and Time: 6/15/10 0726

TRANSPORTER

Company: NW Phone Number:

Address: 123 Hargrove Truck # and License Plate: 826 AV560F

Driver: Clyde Seymour SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-15-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6-15-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/15/10

GENERATOR

Urban Earth of Carbondale
26 Middletown Avenue
Carbondale, MO 62901
Ph: (555) 541-0300 Fax: (555) 541-0301

Manifest: 000303
Vehicle ID: 2214620

Customer: Mike Mitchell (555)

Generator: JL Plumbing LLC
Gen Address: 124 Jo Dunne Road
Normal Hills, MO 11571

Facility: Superior Soils
Bldg Name: CF Building 1-C
Bldg Address: 30-32 College Pl. Mixed
Pleasantown, MO 11704

Planned: 07/09/2015 (Thu)

	Date	Time	Route
Pu:	07/15/2015	09:30 am	Route 1
Del:	07/15/2015	09:55 am	Rt. 1

	Lbs	Tons
Gross:	53,370	26.69
Tare:	25,100	12.55
Net:	28,270	14.14

Origin: Remediation & Services
Waste: 9081 Treatment Type 11
Containerized Type: (1 Qty)
Treatment Type: Stab
Haz Waste Codes: 337 D40 D43 F39
Waste: Industrial Transportables
Containerized Type: Not Applicable
Treatment Type: Not Applicable
Haz Waste Codes: Not Applicable

Quantity Unit
Cubic Yds

Qty Unit Type

Comments

Driver: _____ Facility: _____

CLEANEARTH

Manifest # 408382

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X
- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Ashutosh Sharma As Agent for CE Flushing Title: Environmental Scientist

Signature: As Agent for CE Flushing Date and Time: 6/15/10 1105

TRANSPORTER

Company: NJ Phone Number:

Address: 123 Howard Blvd Truck # and License Plate: 826 AJ 560

Driver: Clyde Seward SW Haulers Permit #: NJ 586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-15-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/15/10

GENERATOR

Clean Earth of Carteret
22 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-0100

Manifest: 100000121687

	Date	Time	Route
Ini.	4/15/2019	12:42:19	Route 1
Date:	4/15/2019	13:11:47	P.T

	Use	Tax
Gross:	34180	25.15
Tare:	25424	13.25
Net:	8756	11.90

Manifest: 483302
Vehicle ID: 5781006

Customer: 9100 Direct/Offsite Jobs

Generator: C. Trucking LLC
Gen Address: 1145 Avenue Blvd
Newark Hills, NY 11373

Transporter Registration: NJ 6678894
Trk Owner: C. Trucking LLC
Trk Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin: Materials & Services

Quantity: Soil Treatment Type: 1
31.99 Ton
Contaminate Types: PCB
Treatment Types: Inc
Haz Waste Codes: NJ D37 D3 27

Quantity: Industrial Treatment Solution
31.99 Ton
Contaminate Types: Not Applicable
Treatment Types: Not Applicable
Haz Waste Codes: Not Applicable

Comments:

Drivers: _____ Foreman: _____

CLEANEARTH

Manifest # 408385

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X
- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354**	GROSS WEIGHT: ☒ Tons ☐ Yards
	TARE WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ASHUTOSH SHARMA Agent for CE Flushing Title: Environmental Scientist

Signature: Agent for CE Flushing Date and Time: 6/15/10 1130

TRANSPORTER

Company: Greenwood Phone Number:

Address: Lodgewood NJ. Truck # and License Plate: AM235M / 8414

Driver: Heriberto Ramos SW Haulers Permit #: NJ586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: H. Ramos Date and Time: 6/15/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/15/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/15/10

GENERATOR

Clean Earth of Carteret
69 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8105

Manifest: 4483951
Vehicle No: 6611564

Customer: PSEG DEVELOPMENT CORP

Generator: CP Flushing LLC
Gen Address: 114-35 Queens Blvd
Flushing, NY 11375

Ticket: 20140121618

	Date	Time	Scale
In:	1/21/2014	14:06:02	Scale 1
Out:	1/21/2014	13:21:22	P.T.

	Lbs	Tns
Gross:	81620	40.66
Tare:	34440	13.10
Net:	47180	27.56

Profile for Approvals: CP1407004
Job Name: CP Flushing LLC
Job Reference: 30-20 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Units
Queens	Soil Treatment Type 1	27.56	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Reg Waste Codes: NJ 13A UG 27		
Queens	Inbound Transportation	27.56	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Reg Waste Codes: Not Applicable		

Comments:

Drivers: _____

Facility: _____

6

CLEANEARTH

Manifest # 427040

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

NON-HAZ SOIL STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESIK AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: MO AS AGENT FOR CE FLUSHING Date and Time: 6/14/10 720

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AM 233M 821

Driver: HECTOR MUNOZ (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/14/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/14/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: CWB Date and Time: 6/14/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0300 Fax: (732) 541-0165

Manifest: 407846
Vehicle ID: 0018521

Customer: 0065 M-Phillips LLC

Generator: M-Phillips LLC
Gen Address: 1484 Oaktree Blvd
Forest Hills, NY 11375

Printed: 05/09/2016
Date Time Scale
In: 5/14/2016 09:05:17 Scale 1
Out: 5/14/2016 09:47:47 Gross

Net Tare
Gross: 96,560 57,360
Tare: 57,200 13,780
Net: 39,360 43,580

Facility Operator: WASTEMASS
Job Name: M-Phillips LLC
Job Address: 4800 College Pkwy Blvd
Cleveland, OH 44134

Origin: Materials & Services
Destination: Stock

Queens: Solid Treatment Type 11
Contaminate Types: Not Applicable
Treatment Types: Solid
Fac Waste Codes: 07 261 00 07
43.15 Tns

Queens: Inbound Transportation
Contaminate Types: Not Applicable
Treatment Types: Not Applicable
Fac Waste Codes: Not Applicable
43.15 Tns

Comments:

Driver: _____

Verified by: _____

CLEANEARTH

Manifest # 408389

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: ☒ Tons ☐ Yards

TARE WEIGHT: ☐ Tons ☐ Yards

NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/14/10 735

TRANSPORTER

Company: GREENWOOD Phone Number:

Address: TOBYHANNA NJ Truck # and License Plate: AM-489A(NJ) / #206

Driver: Eloy Palacio SW Haulers Permit #:
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-14-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6-14-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/14/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Tel: (732) 541-9088 Fax: (732) 541-6870

Manifest No: 4663056
Vehicle ID: NJ1B336

Customer: MEG Intermediate CRP

Generator: DC Plumbing LLC
Job Number: 118 W Avenue Unit
Carteret, NJ 07008

Profile: 403407A-EXP
Date: 2/14/2020
Time: 09:30:00
Scale: Scale 1
Gross: 2/14/2020 10:07:00 P.O.

	Tare	Time
Inbound:	31,940	45.66
Tare:	26,100	13.83
Net:	5,840	32.83

Waste Profile Approval: 403407A-EXP
Job Name: DC Plumbing LLC
Job Address: 48-52 College Pl, Kenilworth, NJ 07033

Facility: Unit 5

Origin: Materials & Services

Waste: Soil Treatment Type II — 32.83 Tons

Containers: Type: 2 Off
Treatments: Type: Misc
Fed Waste Codes: 01 Off 02 Off
Inbound Transportation — 32.83 Tons

Characteristics: Type: Non-hazardous
Treatments: Type: Non-hazardous
Fed Waste Codes: Non-hazardous

Comments:

Drivers: _____

Facility: _____
Unload Personnel

CLEANEARTH

Manifest # 408390

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

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I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: Matt Oleske AS AGENT FOR CE FLUSHING Date and Time: 6/14/10 745

TRANSPORTER

Company: Greenwood II Phone Number:

Address: Ledgewood Truck # and License Plate: AL-5587(NJ) #201

Driver: Hugo Rojas SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hugo Rojas Date and Time: 6-14-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Hugo Rojas Date and Time: 6-14-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: (WB) Date and Time: 6/14/10

GENERATOR

Clean Earth of Carteret
26 Middlesex Avenue
Carteret, NJ 07008
Phone (732) 541-0549 Fax# (732) 541-0185

Manifest: 4003.00
Vehicle ID: 5611031

Customer: MESS CORPORATION (NJ)

Generator: Clean Harbors, Inc
Gen Address: 1710-35 Queens Street
Newark Hills, NJ 11107

Ticket: 3670001213[illegible]

	Date	Time	Scale
In:	6/14/2010	09:22A:04	Scale 1
Out:	6/14/2010	10:08A:39	S.T.

	Lbs	Tns
Gross:	73[illegible]0	40.78
Tare:	34.020	13.91
Net:	64[illegible]0	33.49

Facility Approvals: NJ-0470[illegible]
Job Name: CF Cleaning LLC
Job Reference: 26-27 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Generic	Soil treatment Type II	33.49	Tns
	Contaminate Type: F-051		
	Treatment Type: Rto		
	Haz Waste Codes: NJ 060 15 77		
Generic	Inbound Transportation	33.49	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Haz Waste Codes: Not Applicable		

Comments:

Driver: _____
Name

Facility: _____
Weighmaster

CLEANEARTH

Manifest # 408388

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒Tons ☐Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/14/10 11:10

TRANSPORTER

Company: Rainbow Trans Phone Number:

Address: Edgewood Truck # and License Plate: AM-233M(NJ) / #821

Driver: HECTOR NUNEZ SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/14/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/14/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

GENERATOR

Clean Earth of Carteret
84 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-4999 Fax: (732) 541-8105

Ticket: 3070001215O7

	Date	Time	Scale
In:	5/14/2010	13:30:09	Scale 1
Out:	5/14/2010	14:10:46	P.T.

Manifest: 408368
Vehicle ID: FAIN821

	Lbs	Tns
Gross:	85140	42.57
Tare:	26400	13.20
Net:	58740	29.37

Customer: MUSS DEVELOPMENT CORP

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Facility Approval#: 0830709Z6
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	29.37	Tns
	Contaminate Type: P Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	29.37	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comments:

Driver: _____ Facility: _____
Operator

CLEANEARTH

Manifest # 408387

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: [X] Tons [ ] Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: [ ] Tons [ ] Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: [ ] Tons [ ] Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/14/10 1130

TRANSPORTER

Company: GREENWOOD T. Phone Number:

Address: LODGEWOOD NS Truck # and License Plate: AM-489A(NJ)/#206

Driver: ESLY PALACIO (Type or Print Clearly) SW Haulers Permit #: NJ-586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-14-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6-14-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/14/10

GENERATOR

Mason Earth of Connecti...
24 Middlesex Avenue
Centennial, MT 07840
Phone (782) 541-0349 Fax: (782) 541-5185

Manifest: 4941397
Waste ID: 0010296

Generator: [illegible]
EPA Reference: [illegible]
[illegible], MT [illegible]

Origin

Pollutants & Services

Waste Treatments Type B1

Containers Types 2 (DM)
Residuals Types Zero
For Waste Codes MT DEQ 07 27
Inbound Incineration

Containers Type Not Applicable
Treatments Types Not Applicable
For Waste Codes Not Applicable

Comments

Drivers: _____

Transfer: 2017-08-01 15:14

	Date	Time	Seals
Ins:	6/14/2017	12:42:14	Seals:
Out:	6/14/2017	14:35:00	p. T.

	Lbs	Tns
Gross:	39,420	19.71
Tare:	26,740	13.37
Net:	12,680	6.34

Handled by Responsible Party

Job Names for Plumbing LLC

Job Address: 40-20 College Pkwy, 27 of

Plumbing, Mr Lloyd

Quantity Units

31.50 Tns

31.50 Tns

Facility: _____

CLEANEARTH

Manifest # 408386

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: [X] Tons [ ] Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: [ ] Tons [ ] Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: [ ] Tons [ ] Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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Name: MATT OLESKE, AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/14/10 1145

TRANSPORTER

Company: Greenwood TJ Phone Number:

Address: Ledgewood NJ Truck # and License Plate: AL-558Z(NJ)/# 201

Driver: Hugo Rojas SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hugo Rojas Date and Time: 6-14-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Hugo Rojas Date and Time: 6-14-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: (WB) Date and Time: 6/14/10

GENERATOR

Please Refer to Carbonear
24 Middlecove Avenue
Carbonear, NF A1Y 1A5
Fax (709) 596-0263 Main (709) 596-4247

Technician: [illegible]
Vehicle ID: [illegible]

Customer: [illegible]

Date/Time: [illegible]
Test Location: [illegible]

Driver:

Queens:

Contaminate Type: [illegible]
Treatment Type: Bio
Fax Number Order: [illegible]

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fax Number Order: Not Applicable

Comments:

Drivers: _____

Tested: [illegible]

	Date	Time	Scale
Test	[illegible]	[illegible]	Scale 1
Real	[illegible]	[illegible]	[illegible]

	Low	Tide
Level:	22.79m	41.4m
Time:	5:56	13:21
Date:	5/ JAN	24/ JAN

Technician: [illegible]
Job Number: [illegible]
Job Address: [illegible]

Quantity Used

28.15 Tns

28.15 Tns

Facility: _____

CLEANEARTH

Manifest # 408374

GLOBAL JOB NUMBER: 105041 FACILITY APPROVAL NUMBER: 083070926

Please Check One:

X ☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing, 40-22 College Point Boulevard, Flushing, NY 11354	GROSS WEIGHT: X ☒ Tons ☐ Yards
	TARE WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: 718-263-3800	NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 740

TRANSPORTER

Company: GREENWOOD 2 INC Phone Number:

Address: LEONIA, NJ Truck # and License Plate: # 817 AM23 M NJ

Driver: J. AGNELO. SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000121004

	Date	Time	Scale
In:	6/11/2010	09:13:48	Scale 1
Out:	6/11/2010	09:43:49	P.T.

	Lbs	Tns
Gross:	90160	45.08
Tare:	27540	13.77
Net:	62620	31.31

Manifest: 408374
Vehicle ID: RAIN817

Customer: MJSS DEVELOPMENT CORP

Facility Approval#: 0030709Z6

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	31.31	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	31.31	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____ Facility: _____

CLEANEARTH

Manifest # 408377

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X
- ☒ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒Tons ☐Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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Name: MAT OLESKE AS AGENT FOR CE FLUSHING Title: ENV ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 800

TRANSPORTER

Company: GREENWOOD Phone Number:

Address: LEDGEWOOD NJ Truck # and License Plate: AM-489A (NJ) / #206

Driver: ESLY PALACIO (Type or Print Clearly) SW Haulers Permit #: NJ-586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-11-10.

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6-11-10.

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: (MB) Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8165

Ticket: 3070930121609

	Date	Time	Scale
In:	6/11/2010	09:26:08	Scale 1
Out:	6/11/2010	09:53:19	P.T.

	Lbs	Tns
Gross:	89080	44.64
Tare:	26140	13.09
Net:	63140	31.55

Manifest: 40A377
Vehicle ID: R01H986

Customer: NUSS DEVELOPMENT CORP

Facility Approval#: 9038703986

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment: Type II	31.55	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	31.55	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comments:

Driver: _____ Facility: _____

CLEANEARTH

Manifest # 408375

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: **CE Flushing** **40-22 College Point Boulevard** **Flushing, NY 11354**	GROSS WEIGHT: X ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 8'15

TRANSPORTER

Company: Greenwood T Phone Number:

Address: Hedgewood NJ Truck # and License Plate: AL 5582 201

Driver: HUGO ROJAS SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hugo Rojas Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Hugo Rojas Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Phone (732) 541-4939 Fax: (732) 541-0185

Manifest: 4003[illegible]
Vehicle ID: MC[illegible]

Customer: [illegible]

Generator: CT Plumbing LLC
Gen Address: [illegible]
Forest Hills, NY [illegible]

Ticket: [illegible]

	Date	Time	Gross
In:	6/[illegible]	[illegible]	Scale 3
Out:	6/[illegible]	[illegible]	G.V.

	Lbs	Tns
Gross:	54[illegible]0	27.[illegible]
Tare:	26[illegible]0	13.21
Nets:	27[illegible]0	13.[illegible]

Facility Approved: [illegible]
Site Owner: CT Plumbing LLC
Site Address: [illegible] College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity Unit
Origin:	Soil Treatment Type 37	26.49 Tns
	Contamination Types: [illegible]	
	Treatment Types: Non	
	Pre Waste Codes: NJ DEP 10 [illegible]	
Origin:	Industrial Transportation	26.49 Tns
	Contaminant Types: Not Specified	
	Treatment Types: Not Applicable	
	Pre Waste Codes: Not Applicable	

Comments:

Delivered: _____

Received: _____

CLEANEARTH

Manifest # 408381

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: [X] Tons [ ] Yards	
CE Flushing 40-22 College Point Boulevard Flushing, NY 11354	TARE WEIGHT: [ ] Tons [ ] Yards	
GENERATOR'S PHONE: 718-263-3800	NET WEIGHT: [ ] Tons [ ] Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 8:20

TRANSPORTER

Company: RAINBOW LR. Phone Number:

Address: 123 HOWARD BLV Truck # and License Plate: AM-285R(NJ) / #871

Driver: JUAN C. SANCHEZ SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 06-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 06-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Phone (732) 541-4689 Fax: (732) 541-8535

Manifest: 008349
Vehicle ID: NJTR871

Customer: M&M Environmental, Inc.

Generator: PSE & G Linden (LIC)
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Ticket: 00000000215
Date Time Route
Tare 5/13/2010 08:37:36 Scale 1
Gross 5/13/2010 10:25:28 P.T.

	Net	Tax
Gross:	60.960	60.38
Tare:	25.820	1.54
Nets:	35.140	34.76

Pass Thru Responsible: M&M Environmental, Inc.
Sub Hauler: M&M Environmental, Inc.
Job Comments: PSE&G College Pt., Linden
Dredging, NJ 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment - Type 12	23.26	Ton
	Contaminants Types: P-Oil		
	Treatment Types: Bio		
	Cer Waste Codes: ed 060 03 A		
Queens	Inbound Transportation	23.26	Ton
	Contaminants Types: Not Applicable		
	Treatments Types: Not Applicable		
	Haz Waste Codes: N/A Applicable		

Comments:

Drivers: _____

Facility: _____

CLEANEARTH

Manifest # 408380

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: [X] Tons [ ] Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: [ ] Tons [ ] Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: [ ] Tons [ ] Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESICE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 825

TRANSPORTER

Company: GREENWOOD 2 Phone Number:

Address: [illegible] Truck # and License Plate: AM-876P (NJ) / #200

Driver: [illegible] SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Bank Florida of Commerce
c/o Middletown Income
Lumberton, FL 07666
Ofc: (732) 541-0383 Fax: (732) 541-0185

Name/Code: 063880
Vehicle ID: 0010288

Customer: 8855 Dollar Bank of Old

Consignee: CC Printing LLC
Del Address: 120 S. Orange Blvd
Lumberton, NJ 11478

Origin

Queens

Queens

Order: 0000010666
Date Time Status
Pick 6/11/2018 10:30:00 Status 1
Date 6/11/2018 10:55:00 P.O.

Lbs. Pcs.
Pounds 850.00 42.50
Tares 0.00 13.12
Gross 850.00 29.38

Delivery Appointment: 06/12/2018
Job Name: CC Printing LLC
Job Address: 89 32 Parkway Rd. Blvd
Lumberton, NJ 11478

Quantity Unit

23.38 Pcs.

29.38 Pcs.

Materials & Services

Cost Treatment Type: 1

Contamination Types: Food
Treatments Types: None
Haz Waste Codes: NOT DOT-27
Inbound Transportation

Contamination Types: Not Applicable
Treatments Types: Not Applicable
Haz Waste Codes: Not Applicable

Comments

Driver: _____

Facility: _____

CLEANEARTH

Manifest # 408376

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

X
- ☒ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: X ☐Tons ☐Yards

TARE WEIGHT: ☐Tons ☐Yards

NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE : SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 845

TRANSPORTER

Company: RAINBOW CORP Phone Number:

Address: 167 STEPHENS RD Truck # and License Plate: AL-774N(NJ) / #878

Driver: MIKE SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Ecolo

Ocean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Phone (732) 541-8900 Fax: (732) 541-8105

Manifest: 000326
Vehicle ID: 6678825

Generator: Ocean Earth of Carteret

Generation Facility:
Gen Reference: 145-55 Emmet Street
Carteret Valley, NJ 11729

Origin: Chromate & Corrosive

Process: Spent Treatment Type 2A
Concentrate Types 2 Oil
Treatment Types Oil
Fuel Waste Codes: 07 B2b 70 72

Process: Industrial Transportation
Contaminate Types: Not Applicable
Treatment Types: Not Applicable
Fuel Waste Codes: Not Applicable

Comments:

Drivers:

Scale-in Weight

Manifest: 000326210847

	Date	Time	Scale
In:	5/11/2010	08:41:16	1
Out:	5/11/2010	16:55:06	2

	Lbs	Tns
Gross:	56106	47.97
Tare:	26180	13.07
Net:	29926	34.90

Facility Accepted:
Job Number: CE Pleasant Inc.
Job Address: 4637 Carteret Rd., West
Pleasant, NY 11786

Monthly Total

34.90 Tns

34.90 Tns

Facility:

CLEANEARTH

Manifest # 408379

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: [X] Tons [ ] Yards

TARE WEIGHT: [ ] Tons [ ] Yards

NET WEIGHT: [ ] Tons [ ] Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 835

TRANSPORTER

Company: Greenwood

Address: 102 LANDING RD. LANDING NJ, 07850

Driver: David Francin
(Type or Print Clearly)

Phone Number:

Truck # and License Plate: 869 AM193E

SW Haulers Permit #: NJ-586
(applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
(24 Middlesex Avenue)
Carteret, NJ 07008
(908) 541-8989 Fax: (732) 541-0155

Ticket: [illegible]

	Date	Time	Scale
In:	5/11/2010	10:25:20	Scale 1
Out:	5/11/2010	10:45:32	P.T.

	Lbs	Tns
Gross:	[illegible]	40.62
Tare:	[illegible]	14.26
Nets:	[illegible]	26.32

Customer: [illegible]

Destination: [illegible]
Job Number: [illegible]
Job Reference: [illegible]

Origin: Materials & Services: Quantity Unit

Payment: Load Instructions Type: [illegible] 26.32 Tns

Customer Copies = [illegible]
Invoice: [illegible]
Purchase Order: [illegible]

Carrier: Delivered Destination [illegible] 26.32 Tns

Customer Type: Not Applicable
Terminal Type: Not Applicable
Facility Code: Not Applicable

Comments:

Drivers _____ Facilities _____

CLEANEARTH

Manifest # 408378

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: [X] Tons [ ] Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: [ ] Tons [ ] Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: [ ] Tons [ ] Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1130

TRANSPORTER

Company: GREENWOOD 2 INC. Phone Number:

Address: LEDGEWOOD, NJ Truck # and License Plate: AM-231M (NJ) / #817

Driver: J. MONDELO SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Phs (732) 541-8989 Fax: (732) 541-0165

Manifest: 400278
Vehicle ID: NJ1n617

Customer: [illegible]

Generator: CE Flushing LLC
Gen Address: 114-35 Jamaica Road
Forest Hills, NY 11375

Origin

Queens

Contaminate Types: 2 (c)1
Treatment Type: Bio
Fac Waste Code: NJ DEP: [illegible]

Queens

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comments:

Drivers: _____

Manifest: 5070[illegible]

	Date	Time	Scale
In:	6/11/2014	13:38:14	Scale 1
Out:	6/11/2014	13:58:24	1.T.

	Lbs	Tns
Gross:	56060	28.03
Tare:	22540	11.27
Net:	63520	31.66

Facility Approval: [illegible]
Job Name: CE Flushing LLC
Job Address: 49-23 College Pt. Blvd
Flushing, NY 11354

Quantity Unit

31.66 Tns

31.66 Tns

Facility: _____

CLEANEARTH

Manifest # 408396

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1145

TRANSPORTER

Company: GREENWOOD Phone Number:

Address: LEDGEWOOD NJ. Truck # and License Plate: AM-489A(NJ) /#206

Driver: Ely Palacio SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: (WB) Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
[illegible]
Carteret, NJ 07008
Ph: (732) 541-4969 Fax: (732) 541-4185

Vehicle: [illegible]
Date: 6/11/2018 Time: [illegible] Shift: 1
Out: 6/11/2018 14:03:04 U.T.

	Lbs	Tns
Gross:	76560	38.28
Tare:	26140	13.07
Nett:	50420	25.14

Manifest: 9800
Vehicle Id: [illegible]

Customer: [illegible]

Generator: CK Foundry, LLC
Generator: 118-20 Kaplan Road
Perth Amboy, NJ 08861

Pro: 1115 Disposal/RW 08837904
Ref Number: CK Foundry LLC
Ref Reference: 48-20 College Pt., Blvd
Flushing, NY 11354

Origin: Materials & Services Recycle Info:

Process: Soil Treatment Type II 38.28 Ton

Contaminants Types (2 Of)
Treatments Types 35+
Post Waste Codes: NJ 013 Pr 27

Origin: Industrial Transportation

Process: 38.28 Ton

Contaminants: Types Not Applicable
Treatments: Types Not Applicable
Post Waste Codes: Not Applicable

Comments:

Drivers: _____ Forklifts: _____

CLEANEARTH

Manifest # 408395

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: [X] Tons [ ] Yards

TARE WEIGHT: [ ] Tons [ ] Yards

NET WEIGHT: [ ] Tons [ ] Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESICE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1155

TRANSPORTER

Company: Greenwood II

Address: Edgewood NY

Driver: Hugo Rojas (Type or Print Clearly)

Phone Number:

Truck # and License Plate: AL 5582 201

SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Hugo Rojas Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Hugo Rojas Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Chain Carrier Corporation
c/o Middlebrook Express
Cincinnati, OH 45202
Phone: (732) 541-8700 Fax: (732) 541-8100

Manifest: 4850295
Vehicle ID: 0011N283

Customer: 74553 Cincinnati Mill Co

Consignee: ABC Trucking LLC
Ship Point: 1125 US Highway 46
Fairfield, NJ 07004

Trailer: 53' Dry Van
Type Date Time
Out: 07/15/2019 14:00:00 Eastern
Due: 07/16/2019 18:30:00 EST

Lbs. Tons
Gross: 91,000 45.50
Tare: 25,000 12.50
Net: 66,000 33.00

Purchase Agreement: PO-2019-4471
Sold Miami: CL Distribution LLC
Sub Contract: 4850-295 Carriage Pkt. #1 of 2
Planning ID: 1-2054

Origin: Cincinnati Distribution Center
Cincinnati, OH 45202
Appointment: 07/15/2019 13:00
Dock Door: 14

Destination: Fairfield Fulfillment Center
Fairfield, NJ 07004
Appointment: 07/16/2019 17:00
Dock Door: 3

Commodity: Consumer Goods
Quantity: 22,000 Units
Weight: 33,000 lbs
Packaging: Cartons on Pallets
Temperature: Dry Van
Hazmat: Not Applicable

Comments:

Drivers: Facilities:

CLEANEARTH

Manifest # 408394

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: [X] Tons [ ] Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: [ ] Tons [ ] Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: [ ] Tons [ ] Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1215

TRANSPORTER

Company: RAINBOW JR. Phone Number:

Address: 123 HOWARD BLV Truck # and License Plate: AM-285B (NJ) / #871

Driver: JUAN C. SANCHEZ. SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 06-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 06-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
23 Middlesex Avenue
Carteret, NJ 07008
Phone: (732) 541-8550 Fax: (732) 541-8540

Permit/Work Order: 1570

Customer: 1555 D&B Plumbing LLC

Generator: D&B Plumbing LLC
Site Address: 100 Wetlands Blvd
Manalapan, NJ 07726

Manifest/Shipping Document #: 005370

Truck Id: 1570091211137

	Date	Time	Gross
In:	5/11/2018	14:19:57	Scale 1
Out:	5/11/2018	14:58:37	LT

	Lbs	Tns
Gross:	47,720	23.86
Tare:	27,260	13.63
Net:	20,460	10.23

Facility Approval #: 0530708555
Job Name: D&B Plumbing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity Unit
Garage	Soil Treatment Type: A	10.23 Ton
	Container Size Type: F Std	
	Treatment Type: Bio	
	Haz Waste Codes: NJ DEP ID 27	
Garage	Intermodal Transportation	23.23 Ton
	Container Type: Not Applicable	
	Treatment Type: Not Applicable	
	Haz Waste Codes: Not Applicable	

Comments:

Drivers: _____ Verified by: _____

CLEANEARTH

Manifest # 408392

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other _____
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: [X] Tons [ ] Yards

TARE WEIGHT: [ ] Tons [ ] Yards

NET WEIGHT: [ ] Tons [ ] Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: [signature] AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 12 30

TRANSPORTER

Company: RAINBOW CORP Phone Number:

Address: 167 STEPHENS PIC RD Truck # and License Plate: AL-774N(NJ) /# 878

Driver: MIKY SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 6-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ofc: (732) 541-8000 Fax: (732) 541-8185

Manifest: 408321
Destination Tfr: 8911039

Transporter: M&S Environmental (NJD
Generator: GF Electron, LLC
Site Address: 1248 St Georges Ave
Avenel, NJ 07001

Printed: 07/26/2010 1:43
Date Time Scale
Ent: 5/11/2010 13:25:05 Scale: 1
Exit: 5/11/2010 13:25:23 Pic:

Line Tra
Gross: 94290 47.15
Tares: 26140 13.07
Nets: 68000 34.08

Facility Approval #: 0916/2007
Site Name: GF Electron LLC
Site Address: 90 Old Cottage Pk. Blvd
Flushing, NY 11354

Category Materials & Containers Quantity Unit

Gaseous Soil Contaminated Type 1 34.04 Tns
Containerized Type: 8 Cyl
Treatment Type: Non
Haz Waste Codes: NT NOT D-27
Drums Industrial Transportation 34.04 Tns
Containerized Type: Not Applicable
Treatment Type: Not Applicable
Haz Waste Codes: Not Applicable

Comments

Drivers: Facility:

CLEANEARTH

Manifest # 408393

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
CE Flushing **40-22 College Point Boulevard** **Flushing, NY 11354**	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE: **718-263-3800**	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLECKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1250 PM

TRANSPORTER

Company: GREENWOOD 2 Phone Number:

Address: Edgewood NJ Truck # and License Plate: AM-876P(NJ) / #200

Driver: Luis Pulgarin SW Haulers Permit #: NJ-586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6-11-10 1:00 PM

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: (WB) Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8900 Fax: (732) 541-8105

Ticket: 307008121154

	Date	Time	Scale
In:	6/11/2010	14:47:25	Scale 1
Out:	6/11/2010	15:29:09	P.T.

Manifest: 4083535
Vehicle ID: NJTH280

	Lbs	Tns
Gross:	95600	47.80
Tare:	25380	13.19
Net:	69220	34.61

Customer: RUSS DEVELOPMENT CORP

Facility Approval#: 0630709926
Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	34.61	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	34.61	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____ Facility: _____

CLEANEARTH

Manifest # 408391

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:
CE Flushing
40-22 College Point Boulevard
Flushing, NY 11354

GENERATOR'S PHONE: **718-263-3800**

GROSS WEIGHT: [X] Tons [ ] Yards

TARE WEIGHT: [ ] Tons [ ] Yards

NET WEIGHT: [ ] Tons [ ] Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil Destined for Recycling STOCKPILE SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MATT OLESKE AS AGENT FOR CE FLUSHING Title: ENV. ENGINEER

Signature: MO AS AGENT FOR CE FLUSHING Date and Time: 6/11/10 1330

TRANSPORTER

Company: Nicholas J

Address: 102 Landing Rd LADING NJ

Driver: David Frank
(Type or Print Clearly)

Phone Number:

Truck # and License Plate: 869 AM193E

SW Haulers Permit #:
(applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 6/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 6/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 6/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Phone (732) 541-6662 Fax: (732) 541-4705

Manifest: 466639
Vehicle ID: 6013569

Customer: PSE&G Operations (PSO)

Generator: LC Plumbing LLC
Gen Address: 100-30 Queens Blvd
Forest Hills, NY 11375

Origin

Queens

Contaminate Types: C, O12
Treatment Types: L11
Fac Waste Codes: 107 Wgt ID 147

Queens

Contaminate Types: Not Applicable
Treatment Types: Not Applicable
Fac Waste Codes: Not Applicable

Comments:

Tickets: 3070844123,157

	Date	Time	Scale
In:	5/11/2010	14:55:34	Scale 1
Out:	5/11/2010	15:42:40	E.T.

	Lbs	Tns
Gross:	89540	44.77
Tare:	23680	11.84
Net:	65860	32.93

Facility Approved: 06/20/2030
Job Number: LC Plumbing LLC
Job Address: 98-22 Lefferts Blvd
Flushing, NY 11368

Generator Cost:

31.53 Tns

31.53 Tns

Driver: _____

Facility: _____

CLEANEARTH

Manifest # 378416

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Grais Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 816 AX 534 T

Driver: Juan Correa (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 3070000997998

	Date	Time	Scale
In:	1/11/2010	08:37:04	Scale 1
Out:	1/11/2010	08:57:01	P.T.

Manifest: 378416
Vehicle ID: RAIN816

	Lbs	Tns
Gross:	82140	41.07
Tare:	25940	12.97
Net:	56200	28.10

Customer: MLGS DEVELOPMENT CORP

Facility Approval#: 0830070926

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.10	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.10	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: Juan

Facility: Walter Brunges

CLEANEARTH

Manifest # 378415

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greer Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 886 - AL 6395

Driver: Fernando Cadena SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 307000090009

	Date	Time	Scale
In:	1/11/2010	08:44:15	Scale 1
Out:	1/11/2010	09:16:35	P.T.

	Lbs	Tns
Gross:	83940	41.97
Tare:	26000	13.00
Net:	57940	28.97

Manifest: 378415
Vehicle ID: RAIN006

Customer: RUSS DEVELOPMENT CORP

Facility Approval#: 003070926

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.97	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.97	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Fernando

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 378413

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Gress Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL 6588 #2

Driver: ANGEL FRANCO SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000090017

	Date	Time	Scale
In:	1/11/2010	08:55:14	Scale 1
Out:	1/11/2010	09:28:45	P.T.

Manifest: 378413
Vehicle ID: RAIN02

	Lbs	Tns
Gross:	79760	39.88
Tare:	27500	13.75
Net:	52260	26.13

Customer: RUSS DEVELOPMENT CORP

Facility Approval#: 0830700926

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	26.13	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	26.13	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Angel

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 378414

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greco Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 819 AK 5037 NJ

Driver: John Palacio SW Haulers Permit #: NJ 586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8185

Ticket: 3070000098026

	Date	Time	Scale
In:	1/11/2010	08:58:33	Scale 1
Out:	1/11/2010	09:36:39	P.T.

	Lbs	Tns
Gross:	81700	40.85
Tare:	26640	13.32
Net:	55060	27.53

Manifest: 378414
Vehicle ID: RAIN819

Customer: RUSS DEVELOPMENT CORP

Facility Approval#: 083070926
Generator: CE Flushing LLC
Job Name: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	27.53	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	27.53	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
John

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 378412

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill - SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greg Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

#80

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL 599A

Driver: EWyllis Abreu SW Haulers Permit #: #80

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Ewyllis Abreu Date and Time: 1-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000090035

	Date	Time	Scale
In:	1/11/2010	09:11:49	Scale 1
Out:	1/11/2010	09:52:06	P.T.

	Lbs	Tns
Gross:	84220	42.11
Tare:	27340	13.67
Net:	56880	28.44

Manifest: 378412
Vehicle ID: RAIN80

Customer: NJSS DEVELOPMENT CORP

Facility Approval#: 003070926

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.44	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.44	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Enyulis

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369747

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill - SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greis Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 886 - AL 6395

Driver: Fernando Cadenas SW Haulers Permit #: NJ 586

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000080139

	Date	Time	Scale
In:	1/11/2010	12:10:04	Scale 1
Out:	1/11/2010	13:07:16	P.T.

	Lbs	Tns
Gross:	81400	40.70
Tare:	26000	13.00
Net:	55400	27.70

Manifest: 369747
Vehicle ID: RAIN686

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0030700926

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	27.70	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	27.70	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Drivers: _____
Fernando

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369743

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steven Greer Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 816 AK 534T

Driver: Juan Correa SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-8105

Ticket: 3070000098141

	Date	Time	Scale
In:	1/11/2010	12:20:28	Scale 1
Out:	1/11/2010	13:08:47	P.T.

Manifest: 369743
Vehicle ID: RAIN816

	Lbs	Tns
Gross:	83980	41.99
Tare:	25940	12.97
Net:	57960	28.98

Customer: MLSS DEVELOPMENT CORP

Facility Approval#: 0A30709Z6

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.98	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.98	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Juan

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369744

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC	GROSS WEIGHT: ☐Tons ☐Yards	
40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill — SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greer Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL658B # 2

Driver: ANGEL FRANCO SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-6009 Fax: (732) 541-8105

Ticket: 307000090154

	Date	Time	Scale
In:	1/11/2010	12:41:20	Scale 1
Out:	1/11/2010	13:26:34	P.T.

	Lbs	Tns
Gross:	85860	42.94
Tare:	27500	13.75
Net:	58360	29.19

Manifest: 369744
Vehicle ID: RAIN02

Customer: MJSS DEVELOPMENT CORP

Facility Approval#: 0030709326

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	29.19	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	29.19	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Angel

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369746

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC		
40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greer Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

#80

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL 599A #599A

Driver: Enyulis Abreu SW Haulers Permit #: #80

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 3070000938156

	Date	Time	Scale
In:	1/11/2010	12:44:01	Scale 1
Out:	1/11/2010	13:38:46	P.T.

Manifest: 369746
Vehicle ID: RAIN00

	Lbs	Tns
Gross:	76640	38.32
Tare:	27340	13.67
Net:	49300	24.65

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830700926

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	24.65	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	24.65	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Enyulis

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369745

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Groer Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 819 AK5032

Driver: John Palacio SW Haulers Permit #: NJ 580

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1-11-10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1-11-10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8900 Fax: (732) 541-8105

Ticket: 397000098160

	Date	Time	Scale
In:	1/11/2010	12:51:33	Scale 1
Out:	1/11/2010	13:45:01	P.T.

	Lbs	Tns
Gross:	83660	41.83
Tare:	26640	13.32
Net:	57020	28.51

Manifest: 369745
Vehicle ID: RAIN819

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830707326

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.51	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.51	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
John

Facility: _____
Walter Brunges

CLEAN EARTH

Manifest # 369748

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards TARE WEIGHT: ☐Tons ☐Yards NET WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: Mike Brenner 718-263-3800	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Green Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 816 AK534T

Driver: Juan Correa (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000090198

	Date	Time	Scale
In:	1/11/2010	15:34:32	Scale 1
Out:	1/11/2010	16:12:50	P.T.

Manifest: 369748
Vehicle ID: RAIN816

	Lbs	Tns
Gross:	88900	44.45
Tare:	25940	12.97
Net:	62960	31.48

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830709926

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	31.48	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	31.48	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Juan

Facility: _____
Walter Erunges

CLEANEARTH

Manifest # 369751

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Gres Title: Agent for CE Flushing

Signature: [signature] Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 886 AL6395

Driver: Fernando Cardenas (Type or Print Clearly) SW Haulers Permit #: NJ586 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000903203

	Date	Time	Scale
In:	1/11/2010	15:52:30	Scale 1
Out:	1/11/2010	16:44:18	P.T.

	Lbs	Tns
Gross:	85420	42.71
Tare:	26000	13.00
Net:	59420	29.71

Manifest: 369751
Vehicle ID: MAIN806

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830700926

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	29.71	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	29.71	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Fernando

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369749

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greer Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL656B #2

Driver: ANGEL FRANCO SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: WB Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8022 Fax: (732) 541-8105

Ticket: 3070000982885

	Date	Time	Scale
In:	1/11/2010	15:59:45	Scale 1
Out:	1/11/2010	16:45:40	P.T.

Manifest: 369749
Vehicle ID: RAIN02

	Lbs	Tns
Gross:	79760	39.88
Tare:	27500	13.75
Net:	52260	26.13

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0630700326
Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type-II	26.13	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	26.13	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Angel

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369750

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Green Title: Agent for CE Flushing

Signature: Date and Time: 1/11/10

TRANSPORTER #80

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL599A

Driver: Enyulis Abreu (Type or Print Clearly) SW Haulers Permit #: #80 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8500 Fax: (732) 541-8105

Ticket: 307000098207

	Date	Time	Scale
In:	1/11/2010	16:12:31	Scale 1
Out:	1/11/2010	16:46:34	P.T.

Manifest: 369750
Vehicle ID: RAIN00

	Lbs	Tns
Gross:	85800	42.90
Tare:	27340	13.67
Net:	58460	29.23

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830709Z6

Generator: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	29.23	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	29.23	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Enyulis

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369752

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC		
40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-6T

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Grear Title: Agent for CE Flushing

Signature: [signature] Date and Time: 1/11/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 819 AK5073

Driver: John Palacio SW Haulers Permit #: NJ 580

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1/11/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1/11/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 1/11/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-8105

Ticket: 3070000098209

	Date	Time	Scale
In:	1/11/2010	16:39:11	Scale 1
Out:	1/11/2010	16:47:24	P.T.

Manifest: 369752
Vehicle ID: RAIN819

	Lbs	Tns
Gross:	89720	44.86
Tare:	26640	13.32
Net:	63080	31.54

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830070926
Generator: CE Flushing LLC
Job Name: CE Flushing LLC
Gen Address: 110-35 Queens Blvd
Forest Hills, NY 11375
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	31.54	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	31.54	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
John

Facility: _____
Walter Brunges

CLEANEARTH

Manifest # 369687

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☒ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION SP-65 Urban Fill

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greens Title: Agent for CE Flushing

Signature: Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: (824) AK4574

Driver: Jose Flores (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Jose F. Date and Time: 1/7/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Jose F. Date and Time: 1/7/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: W.B. Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000097568

	Date	Time	Scale
In:	1/7/2010	08:29:37	Scale 1
Out:	1/7/2010	09:05:45	P.T.

	Lbs	Tns
Gross:	78560	39.28
Tare:	25600	12.80
Net:	52960	26.48

Manifest: 369687
Vehicle ID: RAIN824

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830709Z6

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	26.48	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	26.48	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 359683

GLOBAL JOB NUMBER: 105041 FACILITY APPROVAL NUMBER: 083070926

Please Check One:

X ☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Gyer Title: Agent for CE Flushing

Signature: Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 880 ALTRN

Driver: ALEXANDER SIERRA SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 01/07/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 01/07/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: WB Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000097586

	Date	Time	Scale
In:	1/7/2010	08:41:12	Scale 1
Out:	1/7/2010	09:41:42	P.T.

Manifest: 369683
Vehicle ID: RAIN000

	Lbs	Tns
Gross:	81680	40.84
Tare:	25100	12.55
Net:	56580	28.29

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830070926
Generator: CE Flushing LLC
Job Name: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.29	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.29	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Alexander

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369684

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill - SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Grec Title: Agent for CE Flushing

Signature: [signature] Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL 803R (881)

Driver: John [illegible] SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1/7/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1/7/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000097587

	Date	Time	Scale
In:	1/7/2010	08:42:09	Scale 1
Out:	1/7/2010	09:47:43	P.T.

Manifest: 369684
Vehicle ID: RAIN081

	Lbs	Tns
Gross:	79040	39.92
Tare:	26600	13.30
Net:	53240	26.62

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083070926

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	26.62	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	26.62	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
John

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369685

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill - SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greis Title: Agent for CE Flushing

Signature: Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 823 AK661X

Driver: Andres Saboga SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/7/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/7/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: WB Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000097590

	Date	Time	Scale
In:	1/7/2010	08:49:29	Scale 1
Out:	1/7/2010	10:09:59	P.T.

	Lbs	Tns
Gross:	82300	41.15
Tare:	26000	13.00
Net:	56300	28.15

Manifest: 369685
Vehicle ID: RAIN823

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083070926
Generator: CE Flushing LLC
Job Name: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.15	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.15	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Andres

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369686

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill - SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Green Title: Agent for CE Flushing

Signature: Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 828 / AL7305

Driver: Jaime Molina. SW Haulers Permit #: NJ 596

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/07/09.

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/07/09.

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000097592

	Date	Time	Scale
In:	1/7/2010	08:53:42	Scale 1
Out:	1/7/2010	10:30:47	P.T.

Manifest: 369686
Vehicle ID: RAIN828

	Lbs	Tns
Gross:	84180	42.09
Tare:	26600	13.30
Net:	57580	28.79

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083070926

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	28.79	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	28.79	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Jaime

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369668

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greer Title: Agent for CE Flushing

Signature: Date and Time: 1/7/2010

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: (824) AK457X

Driver: Jose Flores (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Jose F. Date and Time: 1/7/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Jose F. Date and Time: 1/7/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000097641

	Date	Time	Scale
In:	1/7/2010	12:54:08	Scale 1
Out:	1/7/2010	14:44:11	P.T.

Manifest: 869668
Vehicle ID: RAIN824

	Lbs	Tns
Gross:	84180	42.09
Tare:	25600	12.80
Net:	58580	29.29

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 083070926

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	29.29	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	29.29	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369672

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill - SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greis Title: Agent for CE Flushing

Signature: Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 880 AL-778N

Driver: ALEXANDER SIERRA SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 01/07/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 01/07/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000097647

	Date	Time	Scale
In:	1/7/2010	13:17:20	Scale 1
Out:	1/7/2010	15:22:40	P.T.

Manifest: 369672
Vehicle ID: RAIN000

	Lbs	Tns
Gross:	84680	42.34
Tare:	25100	12.55
Net:	59580	29.79

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0030707926

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	29.79	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	29.79	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Alexander

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369671

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill - SD-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Grens Title: Agent for CE Flushing

Signature: [signature] Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: AL 803R (881)

Driver: [signature] SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 1/7/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 1/7/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000097640

	Date	Time	Scale
In:	1/7/2010	13:30:18	Scale 1
Out:	1/7/2010	15:23:07	P.T.

	Lbs	Tns
Gross:	85360	42.68
Tare:	26600	13.30
Net:	58760	29.38

Manifest: 369671
Vehicle ID: RAIN881

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0030709Z6

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	29.38	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	29.38	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
John

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369670

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Greens Title: Agent for CE Flushing

Signature: Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 823 AK661X

Driver: Andres Saboyal SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/7/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/7/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000097650

	Date	Time	Scale
In:	1/7/2010	13:34:01	Scale 1
Out:	1/7/2010	15:33:01	P.T.

Manifest: 369670
Vehicle ID: RAIN823

	Lbs	Tns
Gross:	86280	43.14
Tare:	26000	13.00
Net:	60280	30.14

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0030709Z6

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	30.14	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	30.14	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Andres

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 369669

GLOBAL JOB NUMBER: 105041 **FACILITY APPROVAL NUMBER:** 083070926

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: CE Flushing LLC 40-22 College Pt. Blvd, Flushing, NY	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: Mike Brenner 718-263-3800	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION Urban Fill SP-65

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Steve Gvens Title: Agent for CE Flushing

Signature: Date and Time: 1/7/10

TRANSPORTER

Company: Rainbow Transport Corp. Phone Number: 973-970-9240

Address: 1470 Route 46, Ledgewood, NJ 07852 Truck # and License Plate: 828 / AL730J

Driver: NJ 556.

(Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 1/7/10

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/7/10

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: WB Date and Time: 1/7/10

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000097653

	Date	Time	Scale
In:	1/7/2010	13:44:54	Scale 1
Out:	1/7/2010	15:45:04	P.T.

	Lbs	Tns
Gross:	89580	44.79
Tare:	26600	13.30
Net:	62980	31.49

Manifest: 369669
Vehicle ID: RAIN828

Customer: MUSS DEVELOPMENT CORP

Facility Approval#: 0830709Z6

Generator: CE Flushing LLC
Gen Address: 118-35 Queens Blvd
Forest Hills, NY 11375

Job Name: CE Flushing LLC
Job Address: 40-22 College Pt. Blvd
Flushing, NY 11354

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	31.49	Tns
	Contaminate Type: 2 Oil		
	Treatment Type: Bio		
	Fac Waste Code: NJ DEP ID 27		
Queens	Inbound Transportation	31.49	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Jaime

Facility: _____
Lukasz Ceglarek

APPENDIX F

AIR MONITORING LOGS (CD)

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | Client: C.E. Flushing, LLC | Date: 1/5/10

Work Activity: Non-haz soil disposal | Logged By: SC | Job No: 30141

Weather: Clear 25°F | Wind Direction: NE | Wind Speed: ~10 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0705	Stockpile 66	0.0	0.042	none	BACKGROUND
0720	Stockpile 66	0.0	0.077	none	
0728	" "	0.0	0.016	none	Stop monitoring - 1st round air
1230	" "	0.0	0.048	none	Start Air monitoring
1245	" "	0.0	0.112	none	
1300	" "	0.0	0.027	none	Stop Air monitoring 2nd round out.

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 1/7/10

Work Activity: • Non-haz soil disposal (Stockpile 65) | **Logged By:** SG

28°F to | **Job No:** 30141

Weather: Clear ~40° F | **Wind Direction:** ~~E~~ NE | **Wind Speed:** ~15 to 20 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0707	Stockpile 65	0.0	0.192	none	BACKGROUND Start Air Monitoring
0720	" "	0.0	0.131	none	
0735	" "	0.0	0.071	none	Stop air monitoring
1015	Stockpile 65	0.0	0.119	none	Start air monitoring
1100	" "	0.0	0.172	none	Trucks slow at
1130	" "	0.0	0.202	none	landfill - Collecting
1155	" "	0.0	0.144	none	Air readings as trucks
1205	" "	0.0	0.012	none	roll in.
					Stop Air monitoring @ 1205
1300	East - adjacent to garage	0.0	0.046	none	Start Aqua Sun 1
1315	" "	0.0	0.000	none	Pipe excavation
1330	" "	0.0	0.077	none	
1345	" "	0.0	0.095	none	
1400	" "	0.0	0.046	none	
1415	" "	0.0	0.024	none	Stop Air monitoring Finished Pipe Trench

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 1/8/10

Work Activity: Aqua Swirl installation excavation | **Logged By:** SG

Job No: 30141

Weather: Overcast - 34°F | **Wind Direction:** SE | **Wind Speed:** Calm to 5 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
1015	East-adjacent to garage	0.0	0.064	none	BACKGROUND Start Air monitoring.
1030	" "	0.0	0.092	none	
1045	" "	0.0	0.071	none	
1100	" "	0.0	0.021	none	
1115	" "	0.0	0.011	none	
1130	" "	0.0	0.044	none	
1145	" "	0.0	0.009	none	Stop for lunch
1235	" "	0.0	0.081	none	Start Air Monitoring
1300	" "	0.0	0.059	none	
1315	" "	0.0	0.019	none	
1320	" "	0.0	0.033	none	

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 1/11/10

Work Activity: Non-haz Soil disposal | **Logged By:** SG

Job No: 30141

Weather: Clear 20-35°F | **Wind Direction:** NE | **Wind Speed:** 7 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0708	Stockpile 65	0.0	0.092	none	BACKGROUND Start
0715	" "	0.0	0.146	none	
0730	" "	0.0	0.082	none	Stop Air monitoring
1020	Stockpile 65	0.0	0.086	none	Start air monitoring
1035	" "	0.0	0.055	none	
1050	" "	0.0	0.072	none	Stop Air monitoring
1310	Stockpile 65	0.0	0.112	none	Start Air monitoring
1325	" "	0.0	0.092	none	
1340	" "	0.0	0.091	none	
1500	" "	0.0	0.094	none	
1515	" "	0.0	0.099	none	Stop Air monitoring

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 01/14/10

Work Activity: PIPE TIE-IN (SEWER) | **Logged By:** EK

Job No: 30141

Weather: SUNNY, LT HAZE, ~30°F | **Wind Direction:** SE | **Wind Speed:** VLT

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0734	NEAR SP#68	0.0	0.014	NONE	~~BACKGROUND~~ RMZ-A ONLY, SO FAR
0811	" " "	0.0	0.048	NONE	RMZ-A ONLY
1400	TARGET LOAD DOCK	0.0	0.064	NONE	RMZ-A ONLY, SO FAR

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
TOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

Air Monitoring Log

AKRF Engineering, P.C.
Environmental Consultants

Project: Flushing Industrial Park, Flushing, NY | Client: C.E. Flushing, LLC | Date: 01/19/10

Work Activity: CATCH BASIN INSTALLATION | Logged By: EK

Job No: 30141

Weather: CLOUDY, LT FOG, ~40°F | Wind Direction: W | Wind Speed: VLT

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0839	GRAVEL STOCKPILE	0.0	0.006	NONE	BACKGROUND
0932	CB #4	0.0	0.013	NONE	RMZ-A ONLY, SO FAR
0942	CB #4	0.0	0.023	NONE	RMZ-B
0959	CB #4	0.0	0.035	NONE	RMZ-B ; STOP AIR MONITORING
1125	CB #3	0.0	0.034	MILD PETROL-LIKE	RMZ-B
1145	CB #3	0.0	0.045	" "	RMZ-B
1200	CB #3	0.0	0.027	" "	RMZ-B ; STOP AIR MONITORING

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | Client: C.E. Flushing, LLC | Date: 01/20/10

Work Activity: TRENCHING FOR PIPE RUN | Logged By: EK | Job No: 30141

Weather: MOSTLY SUNNY, CLEAR, ~35°F | Wind Direction: SE | Wind Speed: LT

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0830	GRAVEL STOCKPILE	0.0	0.017	NONE	BACKGROUND
1249	SP#68	0.0	0.043	NONE	RMZ-A ONLY
1306	NW OF SP#68	0.0	0.047	NONE	RMZ-A ONLY
1332	" " " "	0.0	0.105	NONE	RMZ-A ONLY
1342	" " " "	0.0	0.207	NONE	RMZ-A ONLY
1355	" " " "	0.0	0.025	NONE	RMZ-A; STOP MONITORING

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 1/27/10

Work Activity: Pipe installation for catchbasins | **Logged By:** SG | **Job No:** 30141

Weather: Clear 39° F | **Wind Direction:** SWest | **Wind Speed:** 3mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0931	West Side	0.0	0.018	none	BACKGROUND Start Air Monitoring
0945	" "	0.0	0.032	none	
1000	" "	0.0	0.016	none	
1015	" "	0.0	0.007	none	
10 30	" "	0.0	0.041	none	
1045	" "	0.0	0.019	none	
1100	" "	0.0	0.023	none	
1130	" "	0.0	0.011	none	
1145	" "	0.0	0.062	none	Stop air monitoring - Lunch

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | Client: C.E. Flushing, LLC | Date: 1/29/10

Work Activity: Pipe trench Installation | Logged By: SG

Job No: 30141

Weather: Clear 18°F | Wind Direction: NE | Wind Speed: 20mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0730	Northwest Corner	0.0	0.000	none	BACKGROUND
0745	" "	0.0	0.011	none	
0800	" "	0.0	0.106	none	
0805	Stop Air monitoring - Display on PID and Dust meter disappearing from Cold and wind.				

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | Client: C.E. Flushing, LLC | Date: 2-3-2010

Work Activity: EXCAVATION / CATCH BASIN @ NW CORNER OF BJ'S - SOUTH OF (7) LINE. | Logged By: M.O. | Job No: 30141

Weather: 30°F, LIGHT FLURRIES, 1-2" SNOW ON GROUND. | Wind Direction: SW | Wind Speed: LIGHT 0-3

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
730	NW CORNER BJ's	ND	0.000	NONE	BACKGROUND (AWAY FROM EXCAVATION)
745	"	ND	0.006	NONE	DIGGING IN SHEATHING
800	"		0.000	NONE	DIGGING IN SHEATHING.
~~815~~ 800	EXCAVATION CEASED, WORKER BURNING SHEETING w/ TORCH.				
800 - 815	NW CORNER BJ's	ND	NA	NONE	WORKER USING TORCH ON SHEETING NO DIGGING, USED PID ONLY TO MONITOR.
830	"	ND	NA	NONE	"
845	"	ND	NA	NONE	"
~847	BURNING / CUTTING CEASED NO EXCAVATION.				
915 - 930	NW CORNER BJ's	ND	NA	NONE	CUTTING SHEET PILE w/ TORCH, NO EXCAVATION.
930 - 945	"	ND	NA	NONE	"

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 2/9/10

Work Activity: Catch Basin Installation | **Logged By:** SG

Job No: 30141

Weather: Clear – 28°F | **Wind Direction:** NE | **Wind Speed:** ~10mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
1030	Nwest Corner	0.0	0.131	slight petroleum-like odor	BACKGROUND
1045	" "	0.0	0.121	↓	
1100	" "	0.0	0.094		
1115	" "	0.0	0.023		
1130	" "	0.0	0.112		
1145	" "	0.0	0.006		
1200	" "	0.0	0.019	Petroleum-like	– Stop air Monitoring

M.O.

CATCH BASIN INSTALLATIONS – NW CORNER, 25°F, CLEAR, ~5mph NW; ND(NW) 2/9/2010 LOGGED BY M.O.

745–800	NW CORNER	0.0	.019	NONE	
800–815	"	0.0	.064	↓	
815–830	"	0.0	.072	↓	EXCAVATION CEASED, BACKFILL BASE OF EXC. W/ IMPORTED CLEAN 3/4" STONE.

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m^3 above background: STOP

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 6-9-2010

Work Activity: Truck Load out. (SP-68 to CE Phillips) | **Logged By:** M.O.

Job No: 30141

Weather: Clear ~ 70°F, light wind. | **Wind Direction:** | **Wind Speed:**

Memory ID	TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
	~~700-715~~	SP-68	ND	0.058	NONE	BACKGROUND
1	700-715	SP-68	ND	0.862	NONE	LOADING
2	715-730	SP-68.	ND	1.637	NONE	LOADING.
3	730-745	SP-68	ND	1.637	NONE	LOADING.
4	745-800	SP-68	ND	0.238	NONE	LOADING
~~5~~	800-815	SP-68	ND	0.124	NONE	LOADING (FINISHED ~805).
	815-830	SP-68	ND	0.960	NONE	ONE READING AFTER LOADING.
	830-845	SP-68	ND.	0.357	NONE	(EXCAVATOR WORKING W/STOCKPILE) EXCAVATOR WORKING W/SP.
	845-900	SP-68	ND	0.364	NONE	
	900-915	SP-68	ND	0.055	NONE	
	915-930	SP-68	ND	0.034	NONE	
	~~930-945~~	~~SP-68~~	ND		NONE	EXCAVATOR STOPPED. COFFEE BREAK.
	1010-1025	SP-68	ND	0.047.	NONE	EXCAVATOR STOPPED - SP'S ARE READY FOR LOAD OUT
5	1230-1245	SP-68	ND	0.163	NONE	TRUCK LOADING.
6	1245-1300	SP-68	ND	~~1.06~~ 1.056	NONE	TRUCK LOADING.
7	1300-1315	SP-68	ND	1.645	NONE	TRUCK LOADING.
8	1315-1330	SP-68	ND	0.949	NONE	TRUCK LOADING.
9	1330-1345	SP-68	ND	1.298	NONE	
10	1345-1400	SP-68	ND	0.213	NONE	

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

Keep approx 100yd^3 of clean

AKRF Engineering, P.C.
Environmental Consultants

Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 6/10/10

Work Activity: LOADING TRUCKS FROM SP-68. | **Logged By:** M.O.

Job No: 30141

Weather: wet ground, humid, ~65°F, cloudy. | **Wind Direction:** | **Wind Speed:**

Log #	TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS
	0655	SP-68	ND	0.031	NONE	BACKGROUND
11	700-715	SP-68	ND	0.025	NONE.	LOADING TRUCKS (SP-68)
12	715-730	SP-68	ND	0.026	NONE.	
13	730-745	SP-68	ND	0.031	NONE	
14	745-800	SP-68	ND	0.046	NONE	
	806-815	SP-68	ND	0.048	NONE	
15	815-830	SP-68	ND	0.059	NONE	STOCKPILE SP-68 FOR NEXT ROUND OF LOADING.
16	830-845	SP-68	ND	0.051	NONE	
17	845-900	SP-68	ND	0.061	NONE	
18	900-915	SP-68	ND	0.065	NONE	
	930-945	SP-68.	ND	0.085	NONE	BULLDOZER SCRAPING BOTTOM OF SP-68.
19	1235-1250	SP-68	ND	0.057	NONE	EXCAVATOR WORKING W/SP 68 (PREP FOR LOADING).
20	~~1230-1305~~ ~~1250-1335~~	SP-68	ND	0.060	NONE	LOADING TRUCKS W/SP-68
21	1315-1330	SP-69	ND	0.077	NONE	
22	1330 1345	SP-69	ND	0.093	NONE	
23	1345-1400	SP-69	ND	0.057	NONE	LOADING W/SP-69.

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m³: level D*
>10 ppm: level C	>2.5mg/m³: dust suppression
>500 ppm: STOP	>5 mg/m³: level C
	>125mg/m³: STOP

Community (Perimeter) Action Levels	
(Only if PID>4 ppm above background, or if dust>0.75 mg/m³ above back	
OVM	DU
>5 ppm above background: vapor suppression	>0.1 mg/m³ above back
>25 ppm above background: STOP	**>0.15 mg/m³ above ba**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 6/11/10

Work Activity: LOADING TRUCKS. | **Logged By:** M.O. | **Job No:** 30141

Weather: P-cloudy, 68°F low wind from NW. | **Wind Direction:** | **Wind Speed:**

	TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
	658	SP-68	ND	0.020	NONE	BACKGROUND
27	700-715	SP-68	ND	0.038	NONE	LOADING SP/68/69
28	730	SP-65	ND	0.033	NONE	LOADING SP-65
29	745	SP65	ND	0.026	NONE	
30	801	SP-65	ND	0.031	NONE	
	815	SP-65	ND	~~0.028~~	NONE	
	830	SP-65	ND	0.037	NONE	
	845	SP-65	ND	0.052	NONE	
	930-945	SP-65	ND	0.036	NONE	EXCAVATOR WORKING W/ SP-65 PREP FOR LOADING.
	945-1000	SP-65	ND	0.041	NONE	"
	1150-1145	SP-65	ND	0.040	NONE	LOADING SP-65
	1200	SP-65	ND	0.031	NONE	
	1215	SP-65	ND	0.037	NONE.	
	1230	SP-65	ND	0.051	NONE	
	1245	SP-65	ND	0.040	NONE	
	1300	SP-65	ND	0.039	NONE	
	1315	SP-68/69.	ND	0.029	NONE	
	1330	SP 65	ND.	0.033	NONE.	LOADING SP-65.
31	1400-1415	SP-65	ND	0.035	NONE	EXCAVATOR WORKING W/SP-65.
32	1430	SP-65	ND	0.026	NONE	
33	1445	SP-65	ND	0.021	NONE	DONE FOR DAY.

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 6/14/2010

Work Activity: Loading SP-65. | **Logged By:** M.O. | **Job No:** 30141

Weather: Cloudy, 76°F. | **Wind Direction:** NW | **Wind Speed:** Light

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
6^{45}	SP-65	ND	0.021	NONE	BACKGROUND
7^{00} - 7^{15}	"	ND	0.037	NONE	Loading Trucks (SP-65)
7^{15} - 7^{30}	"	ND	0.040	NONE	"
7^{30} - 7^{45}	"	ND	0.035	NONE	"
7^{45} - 8	"	ND	0.037	NONE	"
8 - 8^{15}	"	ND	0.041	NONE	Excavator working w/SP-65
8^{15} - 8^{30}	"	ND	0.038	NONE	"
8^{30} - 8^{45}	"	ND	0.042	NONE	" Coffee @ 8^{45}
11^{00} - 11^{15}	SP-65	ND	0.090	NONE	Loading Trucks (Round 2, SP-65)
11^{15} - 11^{30}	"	ND	0.077	NONE	"
11^{30} - 11^{45}	"	ND	0.071	NONE	"
11^{45} - 12^{00}	"	ND	0.081	NONE	Working w/SP-65 (prep for round 3 of trucks).

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 6/15/10

Work Activity: LOADING SP-65. | **Logged By:** A.S.

Job No: 30141

Weather: | **Wind Direction:** | **Wind Speed:**

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
7⁰⁰	SP-65	ND	0.030	NONE	BACKGROUND
7⁰⁰-7¹⁵		ND	0.032	NONE	LOADING SP-65.
7¹⁵-7³⁰		ND	0.048	NONE	
7⁴⁵		ND	0.052	NONE	
11⁰⁰-11¹⁵		ND	0.059	NONE	
11¹⁵-11³⁰		ND	0.081	NONE	
11⁴⁵		ND	0.043	NONE	

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 9/24/2010

Work Activity: | **Logged By:** M.O.

Job No: 30141

Weather: Overcast in AM, SUNNY ~ 85°F | **Wind Direction:** SE | **Wind Speed:** ~5 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
7:25	W. ADJ TO PARK GARAGE ENTRANCE ON 40TH RD.	ND	0.074	NONE	BACKGROUND
8:00-8:15	"	ND	0.156	NONE	EXCAVATION FOR AQUA SWIRL.
8:15-8:30	"	ND	0.112	NONE	
8:30-8:45	"	ND	0.127	NONE	
8:45-9	"	ND	0.089	NONE	
9-9:15	"	ND	0.094	NONE	
9:15-9:30	"	ND	0.056	NONE	
9:30-9:45	"	ND	0.068	NONE	
9:45-10:00	"	ND	0.093	NONE	
10:00-10:15	"	ND	0.114	NONE	
10:15-10:30	"	ND	0.076	NONE	
10:30-10:45	"	ND	0.109	NONE	
10:45-11:00	"	ND	0.057	NONE	AQUA-SWIRL PULLING TANK OUT
11:00-11:15	"	ND	0.061	NONE	
11:15-11:30	"	ND	0.050	NONE	

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 9/23/10

Work Activity: | **Logged By:** M.O.

Job No: 30141

Weather: Clear, Sunny, 82°F. | **Wind Direction:** SE | **Wind Speed:** Smph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0720-0735	ASPHALT AREA W. ADJ TO 40th Rd GARAGE ENTR.	ND	0.028	NONE	BACKGROUND
0815-0830	"	ND	0.065	NONE	STARTED EXCAVATION TO RAISE "MANHOLE"
0830-0845	"	ND	0.045	NONE	FINISHED - PEELED UP ASPHALT.
0930-945	"	ND	0.049	NONE	STARTED EXCAVATION PAST ASPHALT.
945-1000	"	ND	0.045	NONE.	
10-1005	"	ND	0.048	NONE	
1015-1030	"	ND	0.045	NONE.	
1030-1045	"	ND	0.054	NONE.	
1045-11	"	ND	0.184	NONE	SMOKE COMING FROM INSIDE GARAGE.
1100-1115	"	ND	0.065	NONE	
1300-1315	"	ND	0.074	NONE	
1315-1330	"	ND	0.114	NONE	
1330-1345	"	ND	0.081	NONE	
1345-1400	"	ND	0.066	NONE	

Work Zone Action Levels	
OVM	DUST
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY	**Client:** C.E. Flushing, LLC	**Date:** 9/22/2010
Work Activity:	**Logged By:** M.O.	
	Job No: 30141	
Weather: Clear, Sunny, 78°F	**Wind Direction:** SE	**Wind Speed:** ~5

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0730	ADJ. PARKING WEST OF GARAGE ENTRANCE.	ND	0.046	NONE	BACKGROUND
0815-0830	"	ND	0.071	NONE	TRENCHING WEST. ADJ. TO PARKING GARAGE STRUCTURE.
0830-45	"	ND	0.049	NONE	
845-9	"	ND	0.056	NONE	BREAK FOR COFFEE @ 9
915-930	"	ND	0.052	NONE	1ST TRENCH FINISHED @ 930
1015-1030	"	ND	0.056	NONE.	TRENCHING.
1030-45	"	ND	0.058	ND	
1045-11	"	ND	0.073	NONE	
1230-1245	"	ND	0.135	NONE	CLEANING OF TRENCH W/ MACHINE AND USING JACKHAMMER ON CONC.
1455-1510	"	ND	0.063	NONE	BACKFILLING TRENCH.

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 9/20/10

Work Activity: SAW CUTTING, SOME EXC. | **Logged By:** EP

Job No: 30141

Weather: CLEAR, COOL, 70° | **Wind Direction:** ~E | **Wind Speed:** ~5 MPH

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0830	EXCAVATION	0.0	0.038	NONE	BACKGROUND
0900	4	0.0	0.052	NONE	SAW CUTTING
					NO EXCAVATION

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY	**Client:** C.E. Flushing, LLC	**Date:** 9/21/10
Work Activity: STORM DRAIN CONNECTION		**Logged By:** EP.
		Job No: 30141
Weather: 70° CLEAR, COOL.	**Wind Direction:** E	**Wind Speed:** ~5

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0900	40 MRD	0.0	0.045	NONE	BACKGROUND
					NO EXCAVATION.

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY	**Client:** C.E. Flushing, LLC	**Date:** 9/17/20
Work Activity: EXCAVATING FOR PLUMBING CONNECTION	**Logged By:** EP.	
	Job No: 30141	
Weather:	**Wind Direction:**	**Wind Speed:**

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
0800	WEST ADJ TO EXCAVATION	0.0	0.085	NONE	BACKGROUND
0830	"	0.0	0.088	NONE	
0900	"	0.0	0.103	NONE	
0930	"	0.0	0.075	NONE	
1000	"	0.0	0.080	NONE	
1030	"	0.0	0.065	NONE	
1100	"	0.0	0.075	NONE	
1130	"	0.0	0.090	NONE	
1230	"	0.0	0.030	NONE	
1300	"	0.0	0.043	NONE	
1330	"	0.0	0.036	NONE	
1400	"	0.0	0.077	NONE	
1430	"	0.0	0.042	NONE	CEASED EXC.

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 09/16/10

Work Activity: EXCAVATION FOR STORM SEWER CONNECTION AT 40TH RD SOUTH OF PARKING GARAGE | **Logged By:** EK

Job No: 30141

Weather: CLOUDY, Lt HAZE, ~75°F | **Wind Direction:** SW | **Wind Speed:** Lt

TIME	LOCATION	PID (ppm)	DUST (AM) (mg/m^3)	ODORS	COMMENTS	Duration (min)
1235	EAST OF EP-248	0.0	0.040	NONE	BACKGROUND	4½
1247	" " " "	0.0	0.056	"		1½
1354	" " " "	0.0	0.066	NONE		1½

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 09/08/10

Work Activity: EXCAVATION TO MOVE STORM SEWER | **Logged By:** EK

Job No: 30141

Weather: PARTLY SUNNY, ~80°F, VLT RAIN | **Wind Direction:** E | **Wind Speed:** LT

TIME	LOCATION	PID (ppm)	DUST (AVG) (mg/m^3)	ODORS	COMMENTS	Duration
0805	SOUTH OF EP-12	0.0	0.099	NONE	BACKGROUND (EK)	1½
0935	EP-12	0.0	0.089	NONE		1½
1041	EP-12	0.0	0.195	NONE		1½
1313	EP-12	0.0	0.439	NONE		1½
1414	EP-12	0.0	0.195	NONE		1½

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY	**Client:** C.E. Flushing, LLC	**Date:** 11/8/10
Work Activity: water main tie-in on 40th Rd.	**Logged By:** SG	
	Job No: 30141	
Weather:	**Wind Direction:**	**Wind Speed:**

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
1340	40th Rd West	0.0	0.047	none	BACKGROUND - Start air monitoring
1400	40th Rd West & Southwest of Corner of Site (2')	0.0	0.016	none	Stop air monitoring

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 11/2/10

Work Activity: Underground utility excavation - 40th Rd west | **Logged By:** S G

Job No: 30141

Weather: Clear ~47 °F | **Wind Direction:** NE | **Wind Speed:** ~5 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS
10 15	40th Rd west	0.0 (WD)	0.019	none	BACKGROUND off-site
1030	40th Rd. west	0.0	0.014	none	Start air monitoring
1045	" "	0.0	0.011	none	
1100	" "	0.0	0.091	none	
1115	" "	0.0	0.022	none	
1130	" "	0.0	0.013	none	
1145	" "	0 0	0.008	none	Stop air monitoring for lunch
1245	" "	0.0	0.066	none	Lunch over - Start air monitoring
1300	" "	0.0	0.035	none	
1315	" "	0.0	0.089	none	
1330	" "	0.0	0.036	none	
1345	" "	0.0	0.041	none	
1400	" "	0.0	0.027	none	
1415	" "	0.0	0.006	none	
1430	" "	0.0	0.018	none	
1445	" "	0.0	0.022	none	End air monitoring

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D*
>10 ppm: level C	>2.5mg/m^3: dust suppression
>500 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

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Air Monitoring Log

Project: Flushing Industrial Park, Flushing, NY | **Client:** C.E. Flushing, LLC | **Date:** 11/1/10

Work Activity: Underground utility excavation | **Logged By:** SG

Job No: 30141

Weather: Clear ~50°F | **Wind Direction:** N | **Wind Speed:** ~5-10 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS
0910	40th Rd West	ND	NA		BACKGROUND Start air monitoring
1015	" "	ND	↓		
1030	" "	ND			
1045	" "				
1100	" "				
1115	" "				
1130	" "				
1245	40th Rd West	ND	NA		
1300	" "	ND			
1315	" "	ND			
1330	" "	ND			
1400	" "	ND			
1415	" "	ND	↓		• 40' length of trench excavation complete. • Stop air monitoring.
					Dust Meter not working today - Replacement pending

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m³: level D*
>10 ppm: level C	>2.5mg/m³: dust suppression
>500 ppm: STOP	>5 mg/m³: level C
	>125mg/m³: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m³ above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m³ above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m³ above background: STOP**

APPENDIX G

SITE COVER INSPECTION LOG AND PHOTOGRAPHS

Photograph 1: Southwestern corner of the site - opening in site cover on Parcel 3 (behind fence) and asphalt pavement on Parcel 2 (right of fence).

Photograph 2: Southern portion of the site (on Parcel 3) with chain-link fence surrounding area with cover opening.

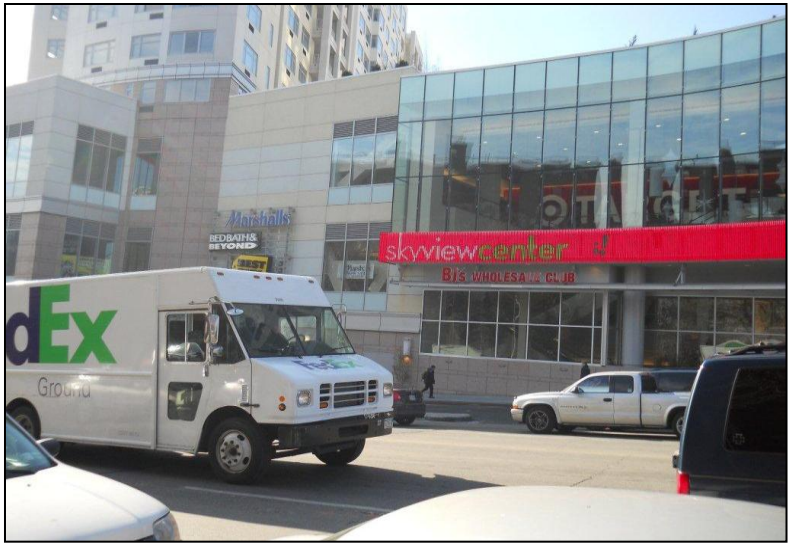
Photograph 3: Opening in the site cover for underground utility installation on the northern portion of Parcel 3.

Photograph 4: Aerial view of stockpiles and site cover openings in the southwestern portion of the site (Parcel 3).

Photograph 5: Looking north at the western portion of Parcel 2.

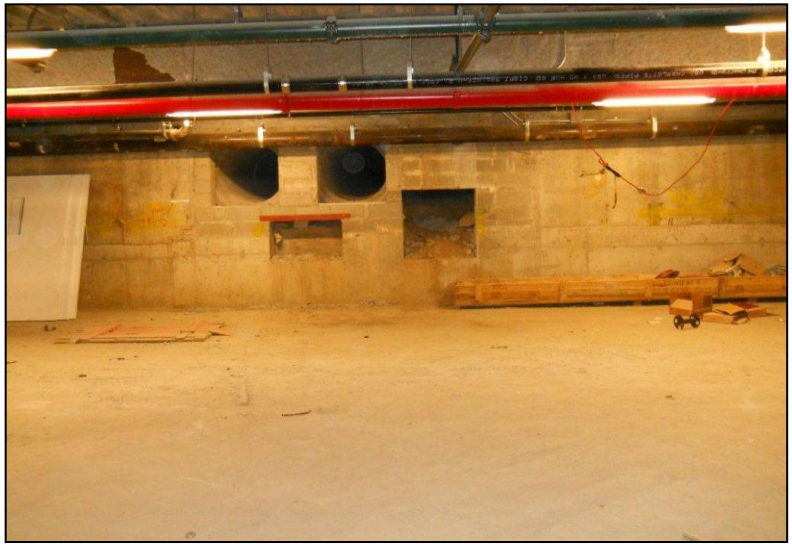
Photograph 6: Southern view of western portion of the site (Parcels 2 and 3).

Photograph 7: View of the southern portion of the site on 40th Road - parking garage with commercial use in background .



Photograph 8: View of retail space on the eastern portion of the site, on College Point Boulevard.

Photograph 9: Cracking in the ground floor slab in the parking garage.



Photograph 10: Openings in the concrete block wall located in the northern portion of the parking garage (beneath Target on Parcel 1).

Photograph 11: Concrete slab as part of the site cover in the ground floor parking garage.

Photograph 12: Concrete slab as part of the site cover in the ground floor parking garage.

APPENDIX H

LANGAN'S SOIL VAPOR MITIGATION SYSTEM CONFIRMATION

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Memorandum

River Drive Center 1 Elmwood Park, NJ 07407 T: 201.794.6900 F: 201.794.6913

TO: Michael Koep, Onex
Andrew G. Pattap, Related

FROM: Steven A. Ciambruschini
Marshall E. King

INFO: James Whelan, Muss Development
Kathleen Brunner, AKRF
Gerry Coscia, Langan

DATE: 31 January 2011

RE: **Soil Vapor Mitigation System**
Annual Status Memorandum for 2010
Sky View Parc – 131-07 40th Road
Flushing, Queens, New York
Langan Project No. 001838804

Since the re-activation of the sub-slab soil vapor collection (SVC) systems in January 2010, as documented in our Soil Vapor Mitigation System Activation Status Memorandum dated 22 January 2009, Langan has been performing routine periodic system inspections. This memorandum documents the current status and operation of the SVC system. A revised Engineering Controls (EC) Completion Report with as-built drawings documenting these modifications is still pending the completion of building construction activities.

System Periodic Testing

The system has been running continuously since 19 January 2010 when Muss Development personnel turned on the SVC systems inline fans. As per the NYSDEC-approved Site Management Plan (SMP) submitted by AKRF, weekly system inspections were completed for the first month of operation, followed by two monthly inspections, then quarterly inspections thereafter. The weekly inspections were completed on February 3, 11, 17 and 24 2010, and the monthly inspections were completed on: 24 March and 30 April 2010. The quarterly inspections were then completed on: 6 August 2010 and 5 November 2010. The next quarterly inspection will be conducted in February 2011.

Periodic system monitoring consisted of measuring the vacuum at the 16 fan locations and 11 permanent monitoring/sampling ports using a digital micro-manometer and magnahelic differential pressure gauges. Copies of the system inspection logs are attached. In addition, the in-lines fans were periodically inspected (at least on a monthly basis) by site personnel to ensure continuous operation. Only one fan failure was noted during the first year of operation: Fan 3B. The fan is scheduled to be replaced during the next quarterly inspection. The failure of this fan is not an immediate concern given the redundancies built into the system.

At the fans, vacuum measurements varying within acceptable performance ranges were observed. Based on our calculations and the inline fan manufacturer's specifications, these vacuums correspond to average flow rates between 50 to 150 cubic feet per minute (cfm) of soil vapor per fan or a total system flow rate of 400 to 800 cfm. Measurable vacuums were observed at the endpoint cleanout sampling ports in six of the eight pipe runs also within acceptable performance ranges. Measurements could not be obtained from the two remaining cleanouts, as these were lost during construction of the building's loading docks. Measurable vacuums were also observed in the five permanent perimeter sampling ports. These monitoring ports represent the farthest points from the perforated SVC system pipe runs. The vacuum measurements demonstrated that the SVCS system is properly operating and that negative pressures are being maintained in the gravel layer beneath the vapor barrier. Variations in system performance were noted and may be attributed to fluctuations in daily weather conditions.

Langan also conducted screening of volatile organic vapors and methane gas using a PID (ppb mini-RAE) and a landfill gas meter (Landtech GEM 200). Volatile organic vapors were measured varying in concentration in the SVCS piping. At the beginning of system operations, spikes in volatile concentrations were observed in the SVC system piping which could primarily be attributed to the use of cleaning solvents and adhesives to connect the piping during system construction. Over the course of the year as the system operated, the contributions of these sources to the volatile organic fraction of the system exhaust declined precipitously as expected. Methane concentrations above background readings were not detected at any of the sampling or exhaust points.

Permitting

System emissions were tested by AKRF during the pilot phase. The analytical data were compared to the emissions standards in the NYSDEC publication "Air Guide 1" to assess the need for treatment units as part of the vapor mitigation system. AKRF has confirmed that substantive requirements of air permitting have been met; therefore, Langan understands that air permit requirements have been waived under the NYSDEC Brownfield Cleanup Program.

Conclusions

Based on Langan site inspections and testing completed to date, the SVC system is operating and effectively moving air throughout the subslab of the building. All sixteen inline venting fans have been installed and activated and temporary repairs have been completed to the unfinished system components. Based on data gathered during Langan's system inspections, the SVC system (in this temporary modified configuration) is meeting performance expectations.

As previously stated in the EC Completion Report, the SVCS should not be turned off without written approval by NYSDEC and NYSDOH and even temporary suspensions require approval from NYSDEC and NYSDOH after building occupancy. In order to determine whether the system can be converted to passive venting (i.e., without operating the in-line fans) during building occupancy, a separate sampling protocol will be established by Langan for approval by NYSDEC and NYSDOH. During building occupancy, systems should remain in place and operational until permission to discontinue use is provided in writing by NYSDEC and NYSDOH.

As identified previously, Langan will issue a revised EC Completion Report and formally certify as-built plans for the system upon completion of building construction and installation of remaining SVC system components in their final configuration, including several sampling ports and vacuum line clean-out terminations.

Please call with any questions.

Attachment: System Inspection Logs

ATTACHMENT A

Periodic Inspection Logs

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Marshall King	**Date:** 1/20/2010
Time IN: 13:30	**Time OUT:** 20:30

GENERAL

Weather: Mostly Sunny Temp: 42°F (max) Barometric Pressure: 29.83 in Hg and rising

When was the last rain event? Trace precip on 1/19/2010; Last measurable 1/17/2010.

Is this a daily/(weekly)/monthly system check? (circle one)

Are all system fans operating? (Yes) No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? YES

Please list caps that were not secure in place: N/A

FAN OPERATIONS

Location [2]	PID ppb	Methane[3] %	LEL %	Vacuum below Fan B (" H2O)	Vacuum below Fan A (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	—	—	—	-1.80	-3.40	---	—
SVCS Line 2 / SP-4	—	—	—	-2.20	-4.40	---	—
SVCS Line 3 / SP-5	—	—	—	-2.60	-5.20	-0.076	5.124
SVCS Line 4 / SP-6	—	—	—	-1.40	-2.20	-0.091	2.109
SVCS Line 5 / SP-8	0	0.0	0	-2.75	-5.42	-0.054	5.366
SVCS Line 6 / SP-9	0	0.0	0	-2.80	-5.40	-0.067	5.333
SVCS Line 7 / SP-11	0	0.0	0	-2.80	-5.60	-0.042	5.558
SVCS Line 8 / SP-12	0	0.0	0	-2.75	-5.40	-0.050	5.350

Comments:
ACCESS WAS NOT AVAILABLE TO THE EXHAUST POINTS FOR LINES 1, 2, 3, & 4.
FAN SWITCH PANEL LIGHTS – SOUTH STAIRCASE – ONE LIGHT OUT, ALL FANS ARE RUNNING THOUGH
– NORTH STAIRCASE – TWO LIGHTS OUT, ALL FANS ARE RUNNING THOUGH

Notes:
1. Normal system vacuums range between 1.000" and 6.000" WC. If outside this range, contact Langan.
2. SP locations listed are for the cleanout sample ports that correspond with the end of each line.
3. Any methane levels observed above 1.25% should be reported to Langan immediately.

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.010	833	0	SP-9	-0.067	1717	0
SP-2	---	---	---	SP-10	-0.041	140	0
SP-3	---	---	---	SP-11	-0.042	4320	0
SP-4	---	---	---	SP-12	-0.050	2355	0
SP-5	-0.076	412	0	SP-13	---	---	---
SP-6	-0.091	524	0	SP-14	-0.000	140	0
SP-7	---	---	---	SP-15	-0.091	64	0
SP-8	-0.054	236	0	SP-16	-0.085	264	0

Comments:
SP's WITHOUT MEASUREMENTS WERE LOST DURING BUILDING CONSTRUCTION ACTIVITIES.

Notes:
SP-14 APPEARS TO HAVE BEEN MODIFIED AND POSSIBLY DAMAGED DURING BUILDING CONSTRUCTION ACTIVITIES.

Inspector Name:	—	**Date:**	—
Time IN:	—	**Time OUT:**	—

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	—

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
Marshall King	Langan Senior Engineer	201-794-6900 x4240 (office) 201-981-8555 (cell)
Marcus Simmons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Kathleen Blessing	**Date:** 2·3·10
Time IN: 1100	**Time OUT:** 1430

GENERAL

Weather: partly cloudy, windy Temp: 38.6°F Barometric Pressure: 29.98 "Hg

When was the last rain event? 1-2" snow previous night

Is this a daily/weekly/monthly system check? (circle one)

Are all system fans operating? Yes / No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? yes

Please list caps that were not secure in place: N/A

FAN OPERATIONS

Location [2]	Exhaust PID ppb	Exhaust Methane[3] %	Exhaust LEL %	Vacuum below Fan B (" H2O)	Vacuum below Fan A (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	—	—	—	-1.8 - -2.4	-2.1 - -5.8	—	—
SVCS Line 2 / SP-4	—	—	—	-2.0 - -2.8	-3.0 - -6.0	—	—
SVCS Line 3 / SP-5	—	—	—	-2.50	-5.0	-0.020	-4.98
SVCS Line 4 / SP-6	—	—	—	-2.0 - -3.0	-4.0 - -8.0	-0.030	-7.97
SVCS Line 5 / SP-8	0	0	0	-2.5	-5.1	-0.012	-5.088
SVCS Line 6 / SP-9	0	0	0	-2.9	-5.1	-0.240	-4.86
SVCS Line 7 / SP-11	0	0	0	-2.9	-5.1	-0.080	-5.02
SVCS Line 8 / SP-12	0	0	0	-2.9	-5.0	-0.120	-4.88

Comments:

NO access to exhaust for lines 1, 2, 3 + 4
Light above 2B at
No lights present above 5+6B
Ranges are provided ~~where~~ above when gauge is fluctuating

Notes:

1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ~~ppb~~ *	Methane %	Location	Vacuum "H_2O	PID ~~ppb~~ *	Methane %
SP-1	-0.13	0	0	SP-9	-0.240	0	0
SP-2	---	---	---	SP-10	-0.570	0	0
SP-3	---	---	---	SP-11	-0.080	0	0
SP-4	---	---	---	SP-12	-0.120	0	0
SP-5	-0.020	0	0	SP-13	---	---	---
SP-6	-0.030	0	0	SP-14	N/A	N/A	N/A
SP-7	---	---	---	SP-15	N/A	N/A	N/A
SP-8	-0.012	0	0	SP-16	-0.00	0	0

Comments:
* ppb Ray not working - appears to have taken in moisture therefore SP-14, 15 + 16 are measured in ppb and the rest had to be measured in ppm

Notes:
SP's w/o measurements lost during construction activities.
- SP-14 + SP-15 inaccessible due to shopping carts

Inspector Name:	—	**Date:**	—
Time IN:	—	**Time OUT:**	—

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	—

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
Marshall King	Langan Senior Engineer	201-398-4570 (office) 201-981-8555 (cell)
Marcus Simmons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Kathleen Blessing	**Date:** 2/11/10
Time IN: 1115	**Time OUT:** 1240

GENERAL

Weather: Sunny, windy Temp: 35°F Barometric Pressure: 29.91 "Hg

When was the last rain event? approx 12" of snow last night

Is this a daily/weekly/monthly system check? (circle one)

Are all system fans operating? (Yes) No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? yes

Please list caps that were not secure in place: N/A

FAN OPERATIONS

Location [2]	Exhaust PID ppb	Exhaust Methane [3] %	Exhaust LEL %	Vacuum below Fan B ("H2O)	Vacuum below Fan A ("H2O)	Vacuum at Cleanout ("H2O)	Diff Fan - Cleanout ("H2O)
SVCS Line 1 / SP-2	—	—	—	-2.0--3.0	-2.0--6.0	—	—
SVCS Line 2 / SP-4	—	—	—	-2.0--3.0	-2.0--6.0	—	—
SVCS Line 3 / SP-5	—	—	—	-2.6	-5.4	-0.023	-5.377
SVCS Line 4 / SP-6	—	—	—	-2.0--4.0	-5.0--8.0	-0.032	-7.968
SVCS Line 5 / SP-8	0	0	0	-2.8	-5.8	-0.025	-5.775
SVCS Line 6 / SP-9	0	0	0	-2.8	-6.0	-0.051	-5.949
SVCS Line 7 / SP-11	0	0	0	-2.8	-6.2	-0.017	-6.183
SVCS Line 8 / SP-12	0	0	0	-2.8	-6.1	-0.046	-6.054

Comments:
- No access to exhaust for lines 1, 2, 3+4
- Light above 2B out
- No lights present above 5+6B switches
- Ranges are provided on gauge is Fluctuating

Take PID(ppb)+methane(%) readings at ports below fan B while fan B is temporarily shut off.

1 2600 PID(ppb) 0 methane %
2 7214
3 1528
4 6881
5 67
6 0
7 0

Notes:
1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.047	0	0	SP-9	-0.051	0	0
SP-2	---	---	---	SP-10	-0.007	0	0
SP-3	---	---	---	SP-11	-0.017	0	0
SP-4	---	---	---	SP-12	-0.046	0	0
SP-5	-0.023	0	0	SP-13	---	---	---
SP-6	-0.032	0	0	SP-14	-0.106	0	0
SP-7	---	---	---	SP-15	-0.010	0	0
SP-8	-0.025	0	0	SP-16	-0.018	0	0

Comments:

Notes: SP's w/o measurements were lost during construction activities.

Inspector Name:	—	**Date:**	—
Time IN:	—	**Time OUT:**	—

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	—

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
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Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Kathleen Blessing	**Date:** 2/17/10
Time IN: 1100	**Time OUT:** 1430

GENERAL

Weather: Sunny, clear Temp: 37°F Barometric Pressure: 31.26"Hg

When was the last rain event? approx 5" of snow previous day

Is this a daily/weekly/monthly system check? (circle one)

Are all system fans operating? Yes / No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? yes.

Please list caps that were not secure in place:

FAN OPERATIONS

Location [2]	Exhaust PID ppb	Exhaust Methane[3] %	Exhaust LEL %	Vacuum below Fan B ("H2O)	Vacuum below Fan A ("H2O)	Vacuum at Cleanout ("H2O)	Diff Fan - Cleanout ("H2O)
SVCS Line 1 / SP-2	—	—	—	-2.0--3.0	-2.0--4.5	--	—
SVCS Line 2 / SP-4	—	—	—	-2.0--3.0	-2.0--4.5	--	—
SVCS Line 3 / SP-5	—	—	—	-3.1	-4.9	-0.018	-4.882
SVCS Line 4 / SP-6	—	—	—	-2.0-3.0	-3.0--4.5	-0.030	-4.47
SVCS Line 5 / SP-8	0	0	0	-3.2	-5.1	-0.027	-5.073
SVCS Line 6 / SP-9	0	0	0	-3.2	-5.0	-0.024	-4.976
SVCS Line 7 / SP-11	0	0	0	-3.2	-5.0	-0.003	-4.997
SVCS Line 8 / SP-12	0	0	0	-3.2	-5.0	+0.031	-4.969

Comments:

- NO access to exhaust for lines 1, 2, 3, + 4
- Light above ZB out
- NO lights present above 5 + 6B switches
- Range is provided when gauge is Auchahas
- Take PID (ppb) + methane (%) readings at ports below Fan B while Fan B is temporarily shut off.

1 1692 ppb 0% methane
2 6214
3 3216
4 5718
5 184 ppb 0% methane
6 36
7 15
8 48

Notes:

1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.031	~~810~~	0	SP-9	-0.024	0	0
SP-2	--	--	--	SP-10	-0.005	0	0
SP-3	--	--	--	SP-11	-0.003	0	0
SP-4	--	--	--	SP-12	-0.031	0	0
SP-5	-0.018	0	0	SP-13	--	--	--
SP-6	-0.030	0	0	SP-14	-0.057	7980	0
SP-7	--	--	--	SP-15	-0.019	0	0
SP-8	-0.027	0	0	SP-16	-0.016	0	0

Comments:

Notes: SP's w/o air measurements were lost during construction activities.

Inspector Name:	**Date:**
Time IN:	**Time OUT:**

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1		
SVCS Line 2		
SVCS Line 3		
SVCS Line 4		
SVCS Line 5		
SVCS Line 6		
SVCS Line 7		
SVCS Line 8		

Emergency Contact Information

Name	Title	Phone Number
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PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name:	Kathleen Blessing	**Date:**	2/24/10
Time IN:	1130	**Time OUT:**	1430

GENERAL

Weather: Cloudy, cool, drizzling Temp: 41°F Barometric Pressure: 29.80"Hg

When was the last rain event? last night / this morning

Is this a daily/(weekly)/monthly system check? (circle one)

Are all system fans operating? (Yes) / No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? yes

Please list caps that were not secure in place:

FAN OPERATIONS

Location [2]	Exhaust PID ppb	Exhaust Methane[3] %	Exhaust LEL %	Vacuum below Fan B ("H2O)	Vacuum below Fan A ("H2O)	Vacuum at Cleanout ("H2O)	Diff Fan - Cleanout ("H2O)
SVCS Line 1 / SP-2	—	—	—	-2.0 - -3.0	-2.0 - -6.0	—	—
SVCS Line 2 / SP-4	—	—	—	-2.0 - -3.0	-3.0 - -6.0	—	—
SVCS Line 3 / SP-5	—	—	—	-2.5	-5.0	-0.037	-4.963
SVCS Line 4 / SP-6	—	—	—	-2.0 - -3.0	-4.0 - -6.0	-0.017	-5.983
SVCS Line 5 / SP-8	0	0	0	-2.7	-5.1	-0.014	-5.086
SVCS Line 6 / SP-9	0	0	0	-2.8	-5.2	-0.079	-5.173
SVCS Line 7 / SP-11	0	0	0	-2.9	-5.2	-0.012	-5.188
SVCS Line 8 / SP-12	0	0	0	-2.8	-5.1	-0.030	-5.07

Comments:
- NO access to exhaust for lines 1, 2, 3+4
- Light above 2B is out
- no lights above 5+6B switches.
- range is provided when gauge is fluctuating

TOOK PID + methane readings at ports below Fan B while Fan B is temporarily shut off.

1	4002	ppb	0%	methane	5	82	ppb	0% methane
2	6171	"	0	" "	6	0	"	" "
3	1947	"	0	" "	7	0	"	" "
4	3690	"	0	" "	8	0	"	" "

Notes:
1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.023	0	0	SP-9	-0.027	0	0
SP-2	---	---	---	SP-10	-0.011	0	0
SP-3	---	---	---	SP-11	-0.012	0	0
SP-4	---	---	---	SP-12	-0.030	0	0
SP-5	-0.037	0	0	SP-13	---	---	---
SP-6	-0.017	0	0	SP-14	-0.002	13.33 ppm	0
SP-7	---	---	---	SP-15	-0.010	0	0
SP-8	-0.014	0	0	SP-16	-0.045	0	0

Comments:
SPs without measurements were lost during construction

Notes:

Inspector Name:	—	**Date:**	—
Time IN:	—	**Time OUT:**	—

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
Marshall King	Langan Senior Engineer	201-398-4570 (office) 201-981-8555 (cell)
Marcus Simmons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Kathleen Blessing	**Date:** March 24, 2010
Time IN: 1215	**Time OUT:** 1500

GENERAL

Weather: clear, sunny, windy Temp: 52°F Barometric Pressure: 29.82" Hg

When was the last rain event? last night

Is this a daily/weekly/(monthly) system check? (circle one)

Are all system fans operating? (Yes) No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? yes

Please list caps that were not secure in place: —

FAN OPERATIONS

Location [2]	Exhaust PID ppb	Exhaust Methane [3] %	Exhaust LEL %	Vacuum below Fan B ("H2O)	Vacuum below Fan A ("H2O)	Vacuum at Cleanout ("H2O)	Diff Fan - Cleanout ("H2O)
SVCS Line 1 / SP-2	—	—	—	-1.5 - -2.5	-2.0 - -6.0	—	—
SVCS Line 2 / SP-4	—	—	—		-2.0 - -6.0	—	—
SVCS Line 3 / SP-5	—	—	—	-2.5	-4.9	-0.008	-4.892
SVCS Line 4 / SP-6	—	—	—	-2.0 - -3.0	-4.0 - -6.0	-0.005	-5.995
SVCS Line 5 / SP-8	28	0	0	-2.4	*	-0.036	—
SVCS Line 6 / SP-9	0	0	0	-2.4	-5.1	-0.048	-5.052
SVCS Line 7 / SP-11	43	0	0	-2.5	-5.0	-0.030	-4.97
SVCS Line 8 / SP-12	0	0	0	-2.4	-5.0	-0.125	-4.875

Comments: took below PID + methane readings below Fan B while temp. shut off

1 430 ppb 0% methane
2 280
3 50
4 14
5 31
6 0
7 0
8 14

- No access to exhaust for lines 1, 2, 3 + 4
- Light above ZB switch out
- No lights above SP + ZB switches
- range is pruded when gauge is fluctuating

* = inaccessible sampling port due to presence of adjacent piping, see photo.

Notes:
1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	0.016	0	0	SP-9	-0.048	0	0
SP-2	---	---	---	SP-10	-0.017	0	0
SP-3	---	---	---	SP-11	-0.030	0	0
SP-4	---	---	---	SP-12	-0.125	0	0
SP-5	0.008	0	0	SP-13	---	---	---
SP-6	-0.005	0	0	SP-14	-0.017	21	0
SP-7	---	---	---	SP-15	-0.010	0	0
SP-8	-0.036	0	0	SP-16	-0.026	0	0

Comments: SP's without measurements were lost during construction

Notes:

Inspector Name:	**Date:**
Time IN:	**Time OUT:**

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1		
SVCS Line 2		
SVCS Line 3		
SVCS Line 4		
SVCS Line 5		
SVCS Line 6		
SVCS Line 7		
SVCS Line 8		

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
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Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Amanda Forsburg	**Date:** 4/30/2010
Time IN: 0810	**Time OUT:**

GENERAL

Weather: scattered clouds Temp: 67° Barometric Pressure: 29.88

When was the last rain event?

Is this a daily/weekly/monthly system check? (circle one)

Are all system fans operating? Yes / No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? Yes

Please list caps that were not secure in place: —

FAN OPERATIONS

Location [2]	Exhaust PID ~~ppb~~ ppm	Exhaust Methane [3] %	Exhaust LEL %	Vacuum below Fan B (" H2O)	Vacuum below Fan A (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	—	—	—	-1.1	-1.8 - -2.4	---	—
SVCS Line 2 / SP-4	—	—	—	-1.0	-1.7	---	—
SVCS Line 3 / SP-5	—	—	—	-2.5	-4.6 - -5.4	-.105	5.295
SVCS Line 4 / SP-6	—	—	—	-2.2 - -3.2	-3.8 - -6.4	-0.012	6.388
SVCS Line 5 / SP-8	0	0.1%	2%	-2.6	-5.2	-0.058	5.142
SVCS Line 6 / SP-9	0	0.1%	2%	-2.5	-4.9	-0.062	4.838
SVCS Line 7 / SP-11	0.1	0.1%	2%	-2.6	-5.1	-0.050	5.05
SVCS Line 8 / SP-12	0	0.1%	2%	-2.6	-4.9	-0.035	4.865

Comments:

No access to exhaust for lines 1, 2, 3, & 4
Ranges are provided when gauge reading fluctuates
Methane detector = Gem 2000
↳ ambient reading = 0.1%

Notes:

1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ~~ppb~~ ppm	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.048	0	0.1%	SP-9	-0.062	0	0.1%
SP-2	---	---	---	SP-10	-0.053	0	0.1%
SP-3	---	---	---	SP-11	-0.050	0	0.1%
SP-4	---	---	---	SP-12	-0.035	0	0.1%
SP-5	-0.105	0.3	0.1%	SP-13	---	---	---
SP-6	-0.012	0	0.1%	SP-14	-0.001	0	0.1%
SP-7	---	---	---	SP-15	-0.018	0	0.1%
SP-8	-0.058	0	0.1%	SP-16	— N/A	— N/A	— N/A

Comments:
- SP's without measurements lost during construction
- reading not collected from SP-16 due to inaccessibility

Notes:
* should call ahead to BJ's to have carts moved

Inspector Name:	**Date:**
Time IN:	**Time OUT:**

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	—

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
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PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Amanda Forsberg	**Date:** 8/6/2010
Time IN: 0815	**Time OUT:** 1145

GENERAL

Weather: Scattered clouds Temp: 83° Barometric Pressure: 29.69 in Hg (rising)

When was the last rain event? 8/1/2010

Is this a ~~daily/weekly/monthly~~ system check? (circle one) quarterly

Are all system fans operating? (Yes) / No If no, please list:

Any evidence of system tampering or vandalism? no

Were all cleanout and sampling port caps securely attached prior to system testing? yes

Please list caps that were not secure in place: n/a

FAN OPERATIONS

Location [2]	Exhaust PID ppb/m	Exhaust Methane [3] %	Exhaust LEL %	Vacuum below Fan B (" H2O)	Vacuum below Fan A (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	–	–	–	-1.0	-1.7	–	–
SVCS Line 2 / SP-4	–	–	–	-0.9	-1.4	–	–
SVCS Line 3 / SP-5	–	–	–	-1.8 – 36	-20 – 80	-0.231	1.769-7.769
SVCS Line 4 / SP-6	–	–	–	-1.4	-2.7	-0.042	2.658
SVCS Line 5 / SP-8	0.0	0.00	0.0	-2.9	-5	-0.144	4.856
SVCS Line 6 / SP-9	0.0	0.00	0.0	-2.6	-5.1	-0.159	4.941
SVCS Line 7 / SP-11	0.0	0.00	0.0	-2.6	-5.0	-0.150	4.85
SVCS Line 8 / SP-12	0.0	0.00	0.0	-2.5	-4.9	-0.176	4.726

Comments:

~~1= Flushmount broken~~ (any)

No access to exhaust for lines 1, 2, 3, + 4
Ranges are provided when gauge reading fluctuates
methane detector = Gem 2000

Notes:

1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppm	Methane %	Location	Vacuum "H_2O	PID ppm	Methane %
SP-1	-0.026	0.0	0.00	SP-9	-0.159	0.0	0.00
SP-2	---	---	---	SP-10	-0.147	0.0	0.00
SP-3	---	---	---	SP-11	-0.150	0.0	0.00
SP-4	---	---	---	SP-12	-0.176	0.0	0.00
SP-5	-0.231	0.0	0.00	SP-13	---	---	---
SP-6	-0.042	0.0	0.00	SP-14	0.000	0.0	—
SP-7	---	---	---	SP-15	-0.081	0.0	0.00
SP-8	-0.144	0.0	0.00	SP-16	-0.255	0.0	0.00

Comments:
1 - flush mount is broken, will need to be replaced
- SP's without measurements were lost during construction

Notes:

Inspector Name:	**Date:**
Time IN:	**Time OUT:**

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1		
SVCS Line 2		
SVCS Line 3		
SVCS Line 4		
SVCS Line 5		
SVCS Line 6		
SVCS Line 7		
SVCS Line 8		

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
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Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Annarcia Forsberg	**Date:** 11/5/2010
Time IN: 1215	**Time OUT:** 1500

GENERAL

Weather: overcast, breezy Temp: 50's °F Barometric Pressure: 29.40

When was the last rain event? 11/4/2010

Is this a ~~daily/weekly/monthly~~ system check? (circle one) quarterly

Are all system fans operating? Yes / (No) If no, please list: 3B

Any evidence of system tampering or vandalism? duct tape over SP access holes, fans 4B + 3B turned off

Were all cleanout and sampling port caps securely attached prior to system testing? yes

Please list caps that were not secure in place:
SP-15 → needs new flush mount lid

FAN OPERATIONS

Location [2]	Exhaust PID ppm	Exhaust Methane [3] %	Exhaust LEL %	Vacuum below Fan B (" H2O)	Vacuum below Fan A (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	-	-	-	-0.8	-1.4	---	-
SVCS Line 2 / SP-4	-	-	-	-0.8	-1.2	---	-
SVCS Line 3 / SP-5	-	-	-	-	-0.8	-0.179	*0.621
SVCS Line 4 / SP-6	-	-	-	-1.2-3.0	-1.1	-0.091	*1.009
SVCS Line 5 / SP-8	0.0	0.0	0.0	-2.6	-5.1	*-0.096	*5.005
SVCS Line 6 / SP-9	0.0	0.0	0.0	-2.5	-5.0	-0.111	4.889
SVCS Line 7 / SP-11	0.0	0.0	0.0	-2.5	-5.0	-0.093	4.907
SVCS Line 8 / SP-12	0.0	0.0	0.0	-2.4	-4.9	-0.074	4.826

Comments:
- doors to access 5A - 8A are locked, AF contacts Pasnko to gain access
- no access to exhaust for lines 1, 2, 3, + 4
- methane detector = Gem 2000+
- fans 3B + 4B had been turned off - when 3B turned on makes a loud gearing-up sound - 3B will remain off
- light is out for 2B but fan is on

Notes:
1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppm	Methane %	Location	Vacuum "H_2O	PID ppm	Methane %
SP-1	0.000	0.0	0.0	SP-9	~~-0.003~~ -0.111	0.0	0.0
SP-2	---	---	---	SP-10	-0.116	0.0	0.0
SP-3	---	---	---	SP-11	-0.093	0.0	0.0
SP-4	---	---	---	SP-12	-0.074	0.0	0.0
SP-5	-0.179	0.0	0.0	SP-13	---	---	---
SP-6	-0.091	0.0	0.0	SP-14	0.000	0.0	0.0
SP-7	---	---	---	SP-15	-0.023	0.0	0.0
SP-8	-0.095	0.0	0.0	SP-16	-0.175	0.0	00

Comments:
SP-1 has been cemented in + no vacuum

Notes:

Inspector Name:	Date:
Time IN:	Time OUT:

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1		
SVCS Line 2		
SVCS Line 3		
SVCS Line 4		
SVCS Line 5		
SVCS Line 6		
SVCS Line 7		
SVCS Line 8		

Emergency Contact Information

Name	Title	Phone Number
~~Vasos Michael~~	~~Site Superintendent~~	~~718-358-7100~~ ~~347-738-0313 (cell)~~
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
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LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Memorandum

River Drive Center 1 Elmwood Park, NJ 07407 T: 201.794.6900 F: 201.794.6913

TO: Cesar Villanueva, Muss Development

FROM: Steven Ciambruschini
Marshall E. King

INFO: Michael Koep, Onex
James Whelan, Muss Development
Vasos Michael, Muss Development
Andrew Bachman, Tishman
Gerard Califano, Tishman
Kathleen Brunner, AKRF
Gerry Coscia, Langan

DATE: 22 January 2009

RE: **Soil Vapor Mitigation System Activation Status Memorandum**
Sky View Parc – 131-07 20th Road
Flushing, Queens, New York
Langan Project No. 001838804

Langan completed the preliminary phase of the pilot test of the sub-slab soil vapor collection (SVC) system following its re-activation this past week. This system had been taken offline during building construction activities at the site in accordance with Langan's Engineering Controls (EC) Completion Report dated 28 November 2007. The system has been re-activated in anticipation of the occupancy of the first floor of the building (opening of a BJ's Wholesale Club).

The system has been modified significantly since submittal of the EC Completion Report and certification. Modifications include:

- The extension of the exhaust stacks to 6-stories above ground level;
- The addition of a second inline fan to each stack near the top of each stack;
- The reinstallation of the polyethylene vapor barrier in the northern half of the building footprint;
- The installation of a waterproofing course (secondary vapor barrier) to the underside of the building slab; and
- Modifications to the number and location of clean-outs and sampling ports (SP).

Langan has prepared this memorandum to document the current status and operation of the SVC system. A revised EC Completion Report documenting these modifications will be submitted subsequent to completion of building construction activities.

System Pilot Testing

Muss Development personnel turned on the SVC systems inline fans on 19 January 2010. Langan conducted confirmation (pilot) testing of the SVC system while in active mode on 20 January 2010. Confirmation testing consisted of measuring the vacuum at the 16 fan locations and 11 permanent monitoring/sampling ports using a digital micro-manometer and magnahelic differential pressure gauges. A copy of the system inspection log is attached.

At the fans, vacuum measurements varying from -1.40 inches water column (wc) at Fan-4B (Line 4) to -5.60 inches wc at Fan-7A (Line 7) were observed. Based on our calculations and the inline fan manufacturer's specifications, these vacuums correspond to average flow rates between 60 to 150 cubic feet per minute (cfm) of soil vapor per fan or a total system flow rate of 480 to 800 cfm. Measurable vacuums were observed at the endpoint cleanout sampling ports in six of the eight pipe runs, varying between -0.042 (Line 7) to -0.091 (Line 4) inches wc. Measurements could not be obtained from the two remaining cleanouts, as these were lost during construction of the building's loading docks. Measurable vacuums were also observed in the five permanent perimeter sampling ports. These monitoring ports represent the farthest points from the perforated SVC system pipe runs. The vacuum measurements demonstrated that the SVCS system is properly operating and that negative pressures are being maintained in the gravel layer beneath the vapor barrier.

It should be noted that system performance may be affected by daily weather conditions. The vacuum measurements discussed above were collected during cold weather conditions on a clear day with falling barometric pressures.

Langan also conducted screening of volatile organic vapors and methane gas using a PID (ppb mini-RAE) and a landfill gas meter (Landtech GEM 200). Volatile organic vapors were measured varying in concentration from 64 to 4,320 ppb in the SVCS piping, with the highest readings found in SP-11. At this time the spikes in concentration observed in the SVC system piping can be primarily attributed to use of cleaning solvents and adhesives to connect the piping during system construction. Over time as the system operates, the contributions of these sources to the volatile organic fraction of the system exhaust are expected to diminish. . Methane was not detected at any of the sampling or exhaust points during the pilot test.

Permitting

System emissions are to be tested by AKRF during this pilot phase. The analytical data should be compared to the emissions standards in the NYSDEC publication "Air Guide 1" to assess the need for treatment units as part of the vapor mitigation system. Under the NYSDEC

Brownfield Cleanup Program, air permit requirements are waived provided that substantive requirements are met. AKRF will collect air samples from the sampling ports and fan exhaust as outlined in their SMP to confirm substantive requirements of air permitting are met.

Conclusions

Based on Langan site inspections and testing completed to date, the SVC system is operating and effectively moving air throughout the subslab of the building. All sixteen inline venting fans have been installed and activated and temporary repairs have been completed to the unfinished system components. Based on data gathered during Langan's system inspection on 20 January 2010, the SVC system (in this temporary modified configuration) is meeting performance expectations. As per the NYSDEC-approved Site Management Plan (SMP) submitted by AKRF, weekly system inspections should be completed for the first month of operation, followed by two monthly inspections, then quarterly inspections thereafter. Langan may recommend continuing weekly system inspections after the first month to confirm the effectiveness of the temporary system repairs until such time as the permanent system repairs are completed. This recommendation will depend on system performance and site management practices as they relate to protection of SVC system components and temporary repairs.

As previously stated in the EC Completion Report, the SVCS should not be turned off without written approval by NYSDEC and NYSDOH and even temporary suspensions require approval from NYSDEC and NYSDOH after building occupancy. In order to determine whether the system can be converted to passive venting (i.e., without operating the in-line fans) during building occupancy, a separate sampling protocol will be established by Langan for approval by NYSDEC and NYSDOH. During building occupancy, systems should remain in place and operational until permission to discontinue use is provided in writing by NYSDEC and NYSDOH.

As identified previously, Langan will issue a revised EC Completion Report and formally certify as-built plans for the system upon completion of building construction and installation of remaining SVC system components in their final configuration, including several sampling ports and vacuum line clean-out terminations.

Please call with any questions.

Attachment: System Inspection Log

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Marshall King	Date: 1/20/2010
Time IN: 13:30	Time OUT: 20:30

GENERAL

Weather: Mostly Sunny Temp: 42°F (max) Barometric Pressure: 29.83 in Hg and rising

When was the last rain event? Trace precip on 1/19/2010; Last measurable 1/17/2010.

Is this a daily/(weekly)/monthly system check? (circle one)

Are all system fans operating? (Yes) No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? YES

Please list caps that were not secure in place: N/A

FAN OPERATIONS

Location [2]	PID ppb	Methane[3] %	LEL %	Vacuum below Fan B (" H2O)	Vacuum below Fan A (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	—	—	—	-1.80	-3.40	---	—
SVCS Line 2 / SP-4	—	—	—	-2.20	-4.40	---	—
SVCS Line 3 / SP-5	—	—	—	-2.60	-5.20	-0.076	5.124
SVCS Line 4 / SP-6	—	—	—	-1.40	-2.20	-0.091	2.109
SVCS Line 5 / SP-8	0	0.0	0	-2.75	-5.42	-0.054	5.366
SVCS Line 6 / SP-9	0	0.0	0	-2.80	-5.40	-0.067	5.333
SVCS Line 7 / SP-11	0	0.0	0	-2.80	-5.60	-0.042	5.558
SVCS Line 8 / SP-12	0	0.0	0	-2.75	-5.40	-0.050	5.350

Comments:
ACCESS WAS NOT AVAILABLE TO THE EXHAUST POINTS FOR LINES 1, 2, 3, & 4.
FAN SWITCH PANEL LIGHTS – SOUTH STAIRCASE – ONE LIGHT OUT, ALL FANS ARE RUNNING THOUGH
– NORTH STAIRCASE – TWO LIGHTS OUT, ALL FANS ARE RUNNING THOUGH

Notes:
1. Normal system vacuums range between 1.000" and 6.000" WC. If outside this range, contact Langan.
2. SP locations listed are for the cleanout sample ports that correspond with the end of each line.
3. Any methane levels observed above 1.25% should be reported to Langan immediately.

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.010	833		SP-9	-0.067	1717	0
SP-2	---	---	---	SP-10	-0.041	140	0
SP-3	---	---	---	SP-11	-0.042	4320	0
SP-4	---	---	---	SP-12	-0.050	2355	0
SP-5	-0.076	412	0	SP-13	---	---	---
SP-6	-0.091	524	0	SP-14	-0.000	140	0
SP-7	---	---	---	SP-15	-0.091	64	0
SP-8	-0.054	236	0	SP-16	-0.085	264	0

Comments:
SP's WITHOUT MEASUREMENTS WERE LOST DURING BUILDING CONSTRUCTION ACTIVITIES.

Notes:
SP-14 APPEARS TO HAVE BEEN MODIFIED AND POSSIBLY DAMAGED DURING BUILDING CONSTRUCTION ACTIVITIES.

Inspector Name:	—	**Date:**	—
Time IN:	—	**Time OUT:**	—

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	—

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
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Marcus Simmons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

APPENDIX I

QUARTERLY VAPOR MONITORING REPORTS (CD)

AKRF, Inc.
440 Park Avenue South New York, NY 10016
212-696-0670

Submitted to:

NYSDEC Division of Environmental Remediation
47-20 21st Street
Long Island City, NY 11101

QUARTERLY VAPOR MONITORING REPORT

Flushing Industrial Park

Parcel 2

Project Number: 30141

MAY 2010

Flushing Industrial Park

Parcel 2

FLUSHING, NEW YORK

Quarterly Vapor Monitoring Report
February 2010 Sampling Event

AKRF Project Number: 30141

Prepared for:

NYSDEC – Region 2
Division of Environmental Remediation
47-20 21st Street
Long Island City, New York 11101

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

MAY 2010

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE 1
3.0 VAPOR MONITORING ACTIVITIES 2
3.1 SSDS Inspection 2
3.2 Vapor Sampling Methodology 2
4.0 FINDINGS AND CONCLUSIONS 3
4.1 Vapor Analytical Results 3
4.2 Continuation of Vapor Monitoring 3

TABLES

Table 1 Post-Remediation Vapor Sample Laboratory Analytical Results – VOCs

FIGURES

Figure 1 Site Location Map
Figure 2 Vapor Monitoring Sample Locations

APPENDICES

Appendix A Langan Engineering Controls Report (CD)
Appendix B Langan Soil Vapor Mitigation System Activation Status Report
Appendix C Periodic Inspection/Sampling Log Forms
Appendix D Laboratory Analytical Results (CD)

1.0 INTRODUCTION

This Quarterly Vapor Monitoring Report has been prepared by AKRF, Inc. (AKRF) to summarize the sub-slab depressurization system (SSDS) vapor discharge monitoring performed at the Flushing Industrial Park (Western), Parcel 2 (BCP Site No. C241078) during the first quarter of 2010. This Parcel, in combination with Flushing Industrial Park (Eastern), Parcel 1 (BCP Site No. C241051), Flushing Industrial Park (Western Waterfront), Parcel 3 (BCP Site No. C241079), and Flushing Industrial Park (Flushing River), Parcel 4 (former BCP Site No. C241080), comprise approximately 13.6 acres located on the northwestern corner of College Point Boulevard and 40th Road, in Flushing, Queens, New York (collectively, the Property). The Property location is shown on Figure 1.

In 2001, C.E. Flushing, LLC (the initial Volunteer) entered into a Voluntary Cleanup Agreement with the New York State Department of Environmental Conservation (NYSDEC) with regard to the Property. By letter dated April 2, 2004, the Volunteer requested transition from the Voluntary Cleanup Program to the Brownfield Cleanup Program (BCP) for completion of the remedial program for the Property. In December 2004, the Volunteer entered into separate Brownfield Cleanup Agreements (BCAs) with NYSDEC for each of four Parcels – each one generally matching the former operable unit (OU). Amended BCAs to revise the Volunteers were executed in June 2005, December 2006, April 2007 and November 2007. In December 2007, Final Engineering Reports and Site Management Plans (SMPs) were submitted and NYSDEC granted Certificates of Completion for Parcels 1, 2 and 3. Under the SMPs, post-remediation vapor monitoring is to be performed on a quarterly basis after the start up of the SSDS.

2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE

Site remediation of Parcel 2 included the installation of a vapor mitigation system, comprised of an SSDS and a vapor barrier, under the western retail building of the property development. The vapor mitigation system design and installation oversight were conducted by Langan Engineering and Environmental Services, Inc. (Langan) of Elmwood Park, New Jersey. The SSDS construction was completed between October 30 and November 21, 2007, as documented in Langan's Engineering Controls (EC) Completion Report, dated November 28, 2007 provided in Appendix A. The SSDS consists of eight parallel runs of six-inch diameter solid and perforated Schedule 80 PVC pipe installed within a continuous gravel layer beneath the vapor barrier and site cover. The piping connects together at two manifold locations to the north and south of the Parcel 2 western retail building footprint. The two manifolds each consist of four pipe risers (exhaust stacks) with independent inline vacuum fans and sixteen (16) sampling ports, designated SP-1 through SP-16. The system consists of eight (8) exhaust stacks with sixteen (16) in-line fans (2 fans per exhaust stack, though initially only one per stack was installed).

The vapor barrier is comprised of 60-millimeter thick linear low-density polyethylene geomembrane. The vapor barrier seams and perforations were sealed with double sided tape per manufacture specifications.

During the construction phase of the western retail building on Parcel 2, the active operation of the SSDS was temporarily suspended. Langan conducted confirmation (pilot) testing of the SSDS while in active operation on January 20, 2010 and concluded that the SSDS was operating effectively. As outlined in Langan's Soil Vapor Mitigation System Activation Status Memorandum dated January 22, 2010 (Appendix B), the SSDS has been modified since the submittal of the EC Completion Report and certification. These modifications included:

- The extension of the exhaust stacks to 6-stories above ground level;

- The addition of the second in-line fan to each stack on the 4th floor near the top of each stack;
- The reinstallation of the vapor barrier in the northern half of the western retail building footprint;
- The installation of a waterproofing course (secondary vapor barrier) to the underside of the western retail building slab; and
- Modifications to the number and locations of clean-outs and sampling ports (SP).

3.0 VAPOR MONITORING ACTIVITIES

3.1 SSDS Inspection

The SSDS has been inspected regularly since the system was restarted on January 20, 2010. Inspections were conducted on a weekly basis during the first month and as part of the quarterly vapor discharge sampling. These inspections consisted of measuring flow rates and vacuum readings to confirm that all of the fans are operational. The inspection performed on February 3, 2010, prior to the quarterly sampling event, indicated that all fans were operational and vacuum measurements at all the vapor sampling locations (CE-VAPOR-1 to CE-VAPOR-8) were within acceptable range.

During the inspections, several of the cleanout pipes (SP-2, 3, 4, 7, 13, 14, and 15) were buried or otherwise obstructed; therefore, vapors within these SPs could not be field screened and vacuum readings could be not collected. Vacuum pressures and field-screened vapor concentrations at the accessible cleanout pipes (SP-1, 5, 6, 8, 9, 10, 11, 12, and 16) were within normal range. Inspection logs are provided in Appendix C.

3.2 Vapor Sampling Methodology

Vapor samples were collected below each of the upper fans on February 8, 2010 to confirm that emissions meet the standards in the NYSDEC Division of Air Resources (DAR) publication "*Air Guide-1: Annual Guideline Concentrations (AGC)/Short-term Guideline Concentrations (SGC) Tables*", dated September 10, 2007. The vapor samples were collected directly from the sampling ports below the 4th floor SSDS fans. During sampling, the 1st floor fans were running and the 4th floor fans were turned off so there was no vacuum on the sampling port. Eight samples (CE-VAPOR-1 to CE-VAPOR-8) were collected with 6-liter Summa canisters equipped with flow regulators and vacuum gauges to allow sample collection over a 15-minute period. Vapors were field screened by collecting samples in Tedlar bags and using a photo-ionization detector (PID) to detect volatile organic compounds (VOCs) and a landfill gas meter to detect methane. One ambient air sample (CE-AA) was collected on the northeastern portion of the roof to determine background levels in the vicinity of the effluent. All sampling was conducted in accordance with the SMP protocol. Vapor sampling logs are presented in Appendix C. Vapor sampling activities were recorded on the Periodic Inspection Logs presented in Appendix C. All other observations (e.g., field screening results, sampling personnel, and sample port integrity) were also noted on the sampling log.

Summa canisters were placed in a secure shipping container for pickup by the laboratory. Vapor samples were analyzed for VOCs using EPA Method TO-15 at TestAmerica, Inc. of South Burlington, Vermont, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Procedure (ELAP) certified laboratory.

4.0 FINDINGS AND CONCLUSIONS

4.1 Vapor Analytical Results

The analytical results are summarized in Table 1, and the laboratory analytical reports are provided in Appendix D. The laboratory analytical reports include the chain of custody documentation, laboratory certification and laboratory quality assurance data. Vapor analytical results were compared to the corresponding NYSDEC Air Guide-1 SGCs. Analytical results for the eight soil vapor samples and the ambient air sample indicated the detection of 26 compounds; however, none exceeded the SGCs and most were found at levels of only at most tens of micrograms per cubic meter. Detected compounds included trimethylbenzene, dichlorobenzene, trimethylpentane, acetone (potentially a lab artifact), isopropanol (also potentially a lab artifact), toluene and xylene. These compounds include several that are potentially related to gasoline. None of the common chlorinated solvents (tetrachloroethene or its breakdown products) were detected.

The analytical results indicated that effluent treatment units are not warranted as part of the vapor mitigation system. Analytical data will continue to be examined for SSDS emissions while in operation.

4.2 Continuation of Vapor Monitoring

Vapor monitoring activities will continue on a quarterly basis (unless permission to discontinue is granted in writing by NYSDEC and NYSDOH) to determine whether emissions continue to meet the SGCs.

TABLES

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
NYSDEC DAR-1 SGCs
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/m³	NYSDEC DAR-1 SGC µg/m³	CE-VAPOR-1 820120 2/8/2010 3.33	CE-VAPOR-2 820121 2/8/2010 10	CE-VAPOR-3 820122 2/8/2010 3.33	CE-VAPOR-4 820123 2/8/2010 9.97	CE-VAPOR-5 820125 2/8/2010 2.27
1,1,1-Trichloroethane **	68,000	3.7 U	11 U	3.7 U	11 U	2.5 U
1,1,2,2-Tetrachloroethane	NS	4.6 U	14 U	4.6 U	14 U	3.1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	5.1 U	15 U	5.1 U	15 U	3.4 U
1,1,2-Trichloroethane	NS	3.7 U	11 U	3.7 U	11 U	2.5 U
1,1-Dichloroethane	NS	2.7 U	8.1 U	2.7 U	8.1 U	1.8 U
1,1-Dichloroethene	NS	2.7 U	7.9 U	2.7 U	7.9 U	1.8 U
1,2,4-Trichlorobenzene	3,700	13 U	37 U	13 U	37 U	8.2 U
1,2,4-Trimethylbenzene	NS	15	9.8 U	10	9.8 U	5.4
1,2-Dibromoethane	NS	5.1 U	15 U	5.1 U	15 U	3.5 U
1,2-Dichlorobenzene	30,000	4 U	12 U	4 U	12 U	2.7 U
1,2-Dichloroethane	NS	2.7 U	8.1 U	2.7 U	8.1 U	1.8 U
1,2-Dichloroethene (cis)	NS	2.7 U	7.9 U	2.7 U	7.9 U	1.8 U
1,2-Dichloroethene (trans)	NS	2.7 U	7.9 U	2.7 U	7.9 U	1.8 U
1,2-Dichloroethene,Total	NS	2.7 U	7.9 U	2.7 U	7.9 U	1.8 U
1,2-Dichloropropane	NS	3.1 U	9.2 U	3.1 U	9.2 U	2.1 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	4.7 U	14 U	4.7 U	14 U	3.1 U
1,3,5-Trimethylbenzene	NS	24	29	6.4	9.8 U	2.2 U
1,3-Butadiene	NS	3.8 U	11 U	3.8 U	11 U	2.4 U
1,3-Dichlorobenzene	30,000	20	23	34	34	22
1,3-Dichloropropene (cis)	NS	3 U	9.1 U	3 U	9.1 U	2 U
1,3-Dichloropropene (trans)	NS	3 U	9.1 U	3 U	9.1 U	2 U
1,4-Dichlorobenzene	NS	4 U	12 U	4 U	12 U	2.7 U
1,4-Dioxane	3,000	61 U	180 U	61 U	180 U	40 U
2,2,4-Trimethylpentane	NS	3.1 U	40	3.1 U	9.3 U	2.1 U
2-Chlorotoluene (o-Chlorotoluene)	NS	3.5 U	10 U	3.5 U	10 U	2.3 U
3-Chloropropene (allyl chloride)	600	5.3 U	16 U	5.3 U	16 U	3.4 U
4-Ethyltoluene (p-Ethyltoluene)	NS	9.8	9.8 U	3.6	9.8 U	2.2 U
Acetone	180000	40 U	120 U	140	120 U	71
Benzene	1300	2.6	6.4 U	2.1 U	6.4 U	3.1
Bromodichloromethane	NS	4.5 U	13 U	4.5 U	13 U	3 U
Bromoform	NS	6.9 U	21 U	6.9 U	21 U	4.7 U
Bromomethane (Methyl bromide)	3,900	2.6 U	7.8 U	2.6 U	7.8 U	1.7 U
Carbon disulfide	6,200	5.3 U	16 U	5.3 U	16 U	3.7
Carbon tetrachloride	1,900	4.2 U	13 U	4.2 U	13 U	2.8 U
Chlorobenzene	NS	3.1 U	9.2 U	3.1 U	9.2 U	2.1 U
Chloroethane (ethyl chloride)	NS	4.5 U	20	4.5 U	13 U	2.9 U
Chloroform	150	3.3 U	9.8 U	3.3 U	9.8 U	2.4
Chloromethane (Methyl chloride)	22,000	3.5 U	10 U	3.5 U	10 U	2.3 U
Cyclohexane	NS	4.5	6.9	2.3 U	6.9 U	1.5 U
Dibromochloromethane	NS	5.7 U	17 U	5.7 U	17 U	3.8 U
Dichlorodifluoromethane	NS	8.4 U	25 U	8.4 U	25 U	5.4 U
Ethylbenzene	54,000	16	14	8.3	8.7 U	4.3
Hexachlorobutadiene	NS	7.1 U	21 U	7.1 U	21 U	4.8 U
Isopropanol	98,000	160	140	210	690	150
Methyl Butyl Ketone	4,000	7 U	20 U	7 U	20 U	4.5 U
Methyl ethyl ketone	13,000	5 U	15 U	100	15 U	8.6
Methyl isobutyl ketone	31,000	7 U	20 U	7 U	20 U	4.5 U
Methylene Chloride	14,000	6.6	17 U	5.9 U	19	3.8 U
MTBE (Methyl tert-butyl ether)	NS	6.1 U	18 U	6.1 U	18 U	4 U
n-Heptane	210,000	27	30	3.6	8.6	2.3
n-Hexane	NS	6 U	18 U	6 U	18 U	11
Styrene	17,000	3.3	8.5 U	3.2	8.5 U	60
Tertiary butyl alcohol (TBA)	NS	52 U	150 U	52 U	150 U	33 U
Tetrachloroethene (PCE)	1,000	4.5 U	14 U	4.5	14 U	3.1 U
Tetrahydrofuran	30,000	50 U	150 U	62	150 U	32 U
Toluene **	37,000	16	9	14	26	57
Trichloroethene (TCE)	14,000	3.6 U	11 U	3.6 U	11 U	2.4 U
Trichlorofluoromethane (Freon 11)	68,000	3.8 U	11 U	3.8 U	11 U	2.5 U
Vinyl bromide	NS	2.9 U	8.7 U	2.9 U	8.7 U	2 U
Vinyl Chloride	180,000	1.7 U	5.1 U	1.7 U	5.1 U	1.2 U
Xylene (m&p)	4,300	52	23	38	36	20
Xylene (m,p)	4,300	30	17 U	24	24	15
Xylene (o)	4,300	23	23	13	11	5.2

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
NYSDEC DAR-1 SGCs
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-6	CE-VAPOR-7	CE-VAPOR-8	CE-AA
Lab Sample ID	DAR-1 SGC	820126	820127	820128	820124
Date Sampled		2/8/2010	2/8/2010	2/8/2010	2/8/2010
Dilution		1	4.55	1	1
µg/m³	µg/m³				
1,1,1-Trichloroethane **	68,000	1.1 U	5 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	NS	1.4 U	6.2 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	1.5 U	7 U	1.5 U	1.5 U
1,1,2-Trichloroethane	NS	1.1 U	5 U	1.1 U	1.1 U
1,1-Dichloroethane	NS	0.81 U	3.7 U	0.81 U	0.81 U
1,1-Dichloroethene	NS	0.79 U	3.6 U	0.79 U	0.79 U
1,2,4-Trichlorobenzene	3,700	3.7 U	17 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	NS	1.6	4.9	3.9	0.98 U
1,2-Dibromoethane	NS	1.5 U	7 U	1.5 U	1.5 U
1,2-Dichlorobenzene	30,000	1.2 U	5.5 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	0.81 U	3.7 U	0.81 U	0.81 U
1,2-Dichloroethene (cis)	NS	0.79 U	3.6 U	0.79 U	0.79 U
1,2-Dichloroethene (trans)	NS	0.79 U	3.6 U	0.79 U	0.79 U
1,2-Dichloroethene,Total	NS	0.79 U	3.6 U	0.79 U	0.79 U
1,2-Dichloropropane	NS	0.92 U	4.2 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	1.4 U	6.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene	NS	0.98 U	4.5 U	1.2	0.98 U
1,3-Butadiene	NS	1.1 U	5.1 U	1.1 U	1.1 U
1,3-Dichlorobenzene	30,000	2	16	15	1.2 U
1,3-Dichloropropene (cis)	NS	0.91 U	4.1 U	0.91 U	0.91 U
1,3-Dichloropropene (trans)	NS	0.91 U	4.1 U	0.91 U	0.91 U
1,4-Dichlorobenzene	NS	1.2 U	5.5 U	1.2 U	1.2 U
1,4-Dioxane	3,000	18 U	83 U	18 U	18 U
2,2,4-Trimethylpentane	NS	1.1	4.3 U	1.5	0.93 U
2-Chlorotoluene (o-Chlorotoluene)	NS	1 U	4.7 U	1 U	1 U
3-Chloropropene (allyl chloride)	600	1.6 U	7.2 U	1.6 U	1.6 U
4-Ethyltoluene (p-Ethyltoluene)	NS	0.98 U	4.5 U	1.3	0.98 U
Acetone	180000	62	55 U	76	12
Benzene	1300	1.4	5.1	1.7	1
Bromodichloromethane	NS	1.3 U	6.1 U	1.3 U	1.3 U
Bromoform	NS	2.1 U	9.4 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	3,900	0.78 U	3.5 U	0.78 U	0.78 U
Carbon disulfide	6,200	1.6 U	9.3	1.6 U	1.6 U
Carbon tetrachloride	1,900	1.3 U	5.7 U	1.3 U	1.3 U
Chlorobenzene	NS	0.92 U	4.2 U	0.92 U	0.92 U
Chloroethane (ethyl chloride)	NS	1.3 U	6.1 U	1.3 U	1.3 U
Chloroform	150	0.98 U	4.4 U	0.98 U	0.98 U
Chloromethane (Methyl chloride)	22,000	1.1	4.7 U	1.4	1.3
Cyclohexane	NS	0.93	3.1 U	1.1	0.69 U
Dibromochloromethane	NS	1.7 U	7.8 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	2.5	11 U	2.5 U	2.5 U
Ethylbenzene	54,000	2.3	4.8	3.6	0.91
Hexachlorobutadiene	NS	2.1 U	9.7 U	2.1 U	2.1 U
Isopropanol	98,000	24	76	69	12 U
Methyl Butyl Ketone	4,000	2 U	9.4 U	2 U	2 U
Methyl ethyl ketone	13,000	1.5 U	38	2.7	1.5 U
Methyl isobutyl ketone	31,000	2 U	9.4 U	2 U	2 U
Methylene Chloride	14,000	1.7 U	8 U	2	8
MTBE (Methyl tert-butyl ether)	NS	1.8 U	8.3 U	1.8 U	1.8 U
n-Heptane	210,000	1.4	3.7 U	1.8	0.82 U
n-Hexane	NS	9.9	8.1 U	12	3.3
Styrene	17,000	1.3	510	29	0.85 U
Tertiary butyl alcohol (TBA)	NS	15 U	70 U	15 U	15 U
Tetrachloroethene (PCE)	1,000	1.4 U	6.2 U	1.4 U	1.4 U
Tetrahydrofuran	30,000	15 U	68	15 U	15 U
Toluene **	37,000	68	32	79	5.3
Trichloroethene (TCE)	14,000	1.1 U	4.9 U	1.1 U	1.1 U
Trichlorofluoromethane (Freon 11)	68,000	1.2	5.1 U	1.4	1.5
Vinyl bromide	NS	0.87 U	4 U	0.87 U	0.87 U
Vinyl Chloride	180,000	0.51 U	2.3 U	0.51 U	0.51 U
Xylene (m&p)	4,300	9.6	21	16	2.9
Xylene (m,p)	4,300	7.4	13	12	2.9
Xylene (o)	4,300	2	7.4	3.8	0.87 U

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
NYSDEC DAR-1 SGCs
Soil Vapor Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

U : The analyte was not detected at the indicated concentration.

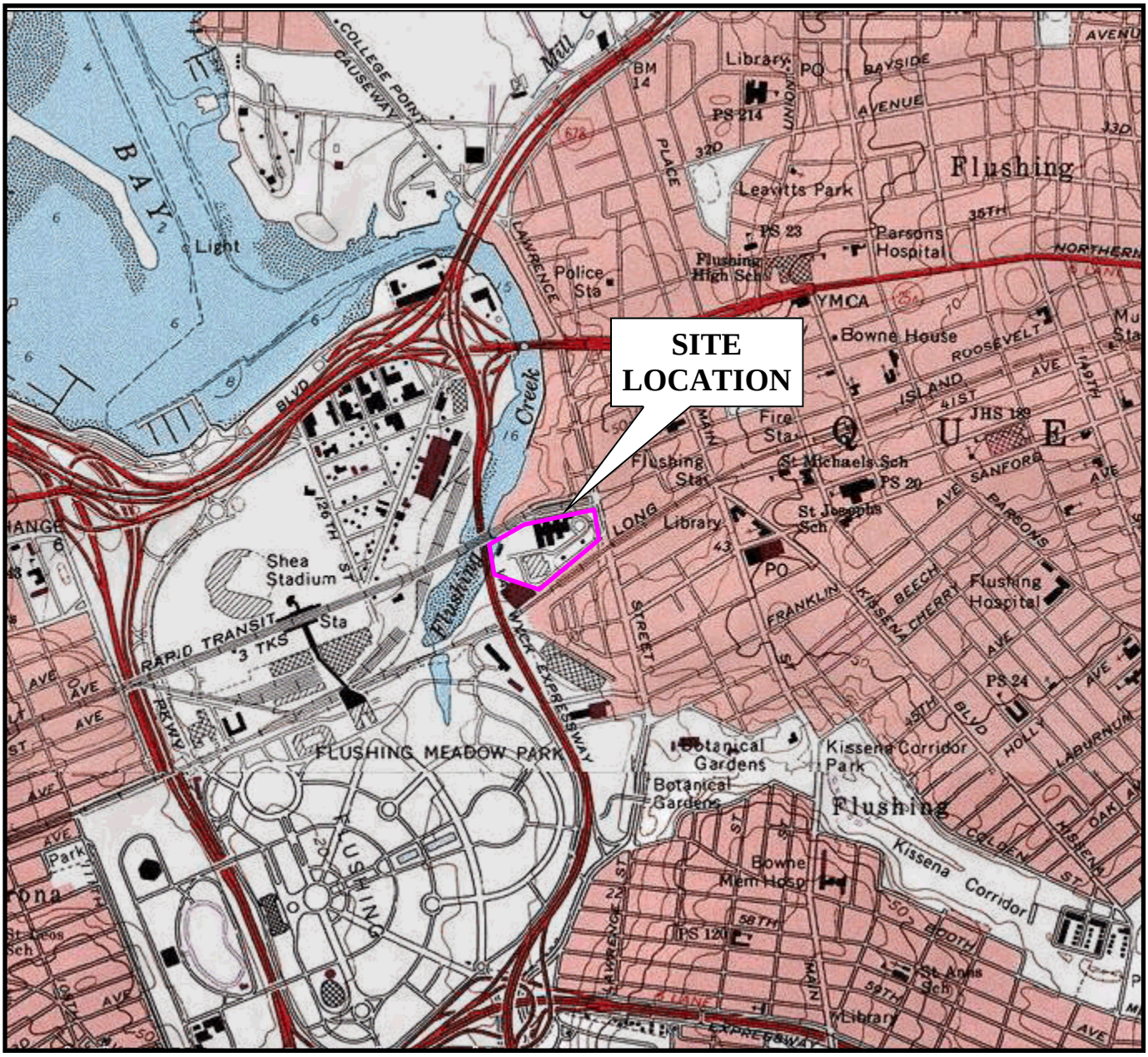
Exceedences are highlighted in bold font.

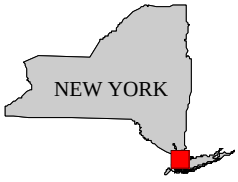
AIR

DAR-1 SGC : To satisfy the requirements described in 6 NYCRR Part 212.9(a) Table 1, the NYSDEC established a listing of non-criteria air contaminants with acceptable ambient air concentrations to help the user of DAR-1 make an appropriate Environmental Rating determination. The acceptable air concentrations, in micrograms per cubic meter, are listed for annual emission rates called Annual Guideline Concentrations (AGC) and for hourly emission rates called Short-Term Guideline Concentrations (SGC). A listing of AGC/SGCs were incorporated into the 1991 Draft version of Air Guide-1 (DAR-1) under Appendix C and revised in 1995, 2000, 2003 and 2007

µg/m^3 : micrograms per cubic meter of air

FIGURES





SCALE IN FEET

0’ 1000’ 2000’ 4000’

SCALE: 1”=2000’

N

SOURCE:

7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP
QUADRANGLE: FLUSHING, NY 1995

FLUSHING INDUSTRIAL PARK, PARCELS 1-4
FLUSHING, NEW YORK

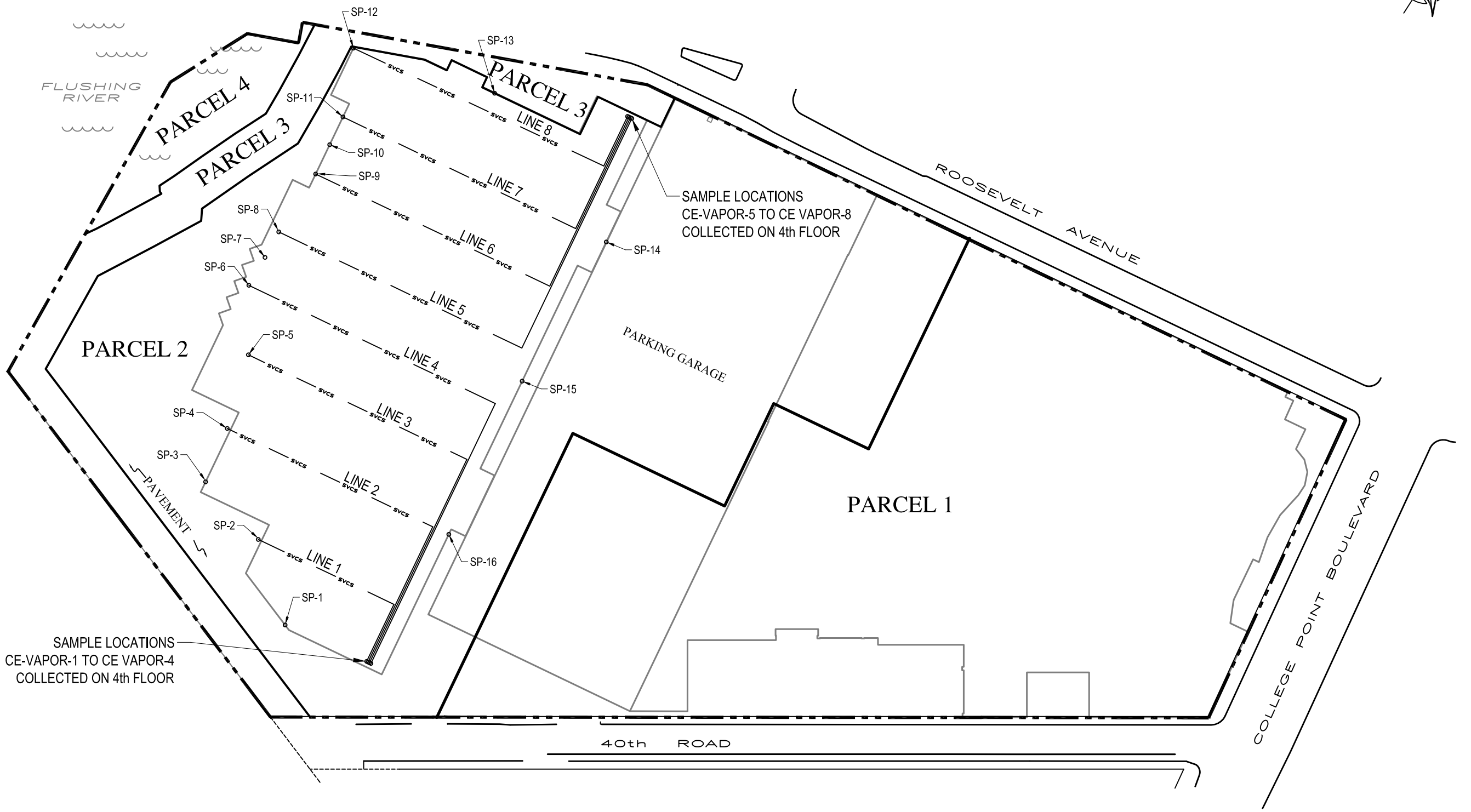
PROJECT SITE LOCATION

AKRF

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE **11.21.06**
PROJECT No. **30141**
SCALE **AS SHOWN**
FIGURE **1**

© 2006 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\30141 - Muss Flushing\OU-2&3&4 Plans-Reports\Site Management Plans\Parcel 1\Figures\F1_loc map.pub



Legend:

- PLANNED BUILDING LINE
- PARCEL BOUNDARY
- PROPERTY BOUNDARY

SCALE IN FEET
0' 50' 100' 200'
SCALE: 1"=100'

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FLUSHING INDUSTRIAL PARK, PARCELS 1 - 4
Flushing, New York

VAPOR MONITORING SAMPLE LOCATIONS

DATE
5.18.10

SCALE
1"=100'

PROJECT No.
30141

FIGURE No.
2

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APPENDIX A

LANGAN ENGINEERING CONTROLS REPORT (CD)

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

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Omar Alsamman, Ph.D., P.E.
Ronald D. Boyer, P.E.

28 November 2007

Mr. Ioana Muteanu-Ramnic
New York State Department of Environmental Conservation
Region 2
Division of Environmental Remediation
Brownfields Cleanup Program
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, NY 11101

Re: Engineering Controls (EC) Completion Report
Soil Vapor Collection System
Former Flushing Industrial Park (Parcel 2)
40th Road and College Point Boulevard
Flushing, Queens County, New York
Langan Project No. 1838804

Dear Ms. Muteanu-Ramnic:

This letter provides an engineering controls (EC) completion report for the soil vapor collection system (SVCS) installed at the former Flushing Industrial Park site (Parcel 2) in Flushing, Queens, New York. The active SVCS system was installed as a contingency to protect the planned building from methane and any residual volatile organic compound (VOC) contamination associated with past industrial uses of the property. Installation was conducted in accordance with the construction drawings provided to NYSDEC, NYSDOH, and NYCDEP on 19 October 2007 with the minor modifications as detailed below. In addition, this document outlines the system engineer's operation, maintenance, and monitoring inspection requirements to ensure long-term system performance.

Conceptual Remedial Approach

The SVCS was designed to collect soil vapor and methane gas generated from contaminants and degrading organic matter located in the site subsurface. By applying a negative pressure within a virtually air tight envelope, the system is engineered to prevent the build up of gases into potentially hazardous concentrations and control the number and location of gas exhaust points in order to limit if not prevent direct human exposure to these gases.

System Design & Installation

The SVCS construction was completed between 30 October 2007 and 21 November 2007. Langan personnel conducted near continuous oversight inspections of the SVCS installation. The SVCS consists of eight parallel runs of six-inch diameter solid and perforated Schedule 80 PVC pipe installed within a continuous gravel layer beneath the vapor barrier and asphalt site cover. The vapor barrier consists of 60-mil thick linear low-density polyethylene (LLDPE) geomembrane. The vapor barrier seams and perforations were sealed with double sided tape per manufacturer specifications.

Given the large number and varying shapes and sizes of building foundation elements including piles, pile caps, and saddle beams, several modifications were made to the vapor barrier termination design during the installation process in order to create acceptable adaptations as shown in the attached as-built drawing details. Modifications included the use of physical supports on pile cap penetrations to maintain pressure and seal the double-sided tape. This was a concern given the cold and damp weather conditions during installation. Electric heat guns and towels were used to dry and clean tape application surfaces and warm mastic tape to promoted adhesion. Polystyrene foam panels (Owens Corning extruded polystyrene insulation Foamular 250) were used along with neoprene foam gaskets and metal tension bands for the physical support to ensure the proper setting of the double-sided mastic tape and reduce physical stress due to the weight of the vapor barrier.

Changes in the pile cap designs and wet site conditions also necessitated the thickening of the gravel layer along two rows of perforated piping, Lines 3 and 8. Because pile caps have not been completed on the northern half of the building footprint, all installed piles were cut to grade and covered with a continuous uninterrupted gravel layer with overlying vapor barrier and asphalt cover. Because several piles could not be cut down to grade in Column lines W-R and W-S, the vapor barrier was trimmed to surround each pile cluster and encased within a concrete working slab.

During the installation process the gravel layer was exposed during the occurrence of several rain events and resulted in the flooding of Line 1 and 2 on the southern end of the building. After the vapor barrier and asphalt cover were placed, a fiber optic camera was used to determine the areas of localized flooding within each line. A vacuum truck with a 2-inch diameter corrugated hose was then used to evacuate the water from the SVCS lines and the surrounding gravel layer over a period of three days, until no additional water seepage was observed within each pipe.

The SVCS piping connects together at two manifold locations to the north and south of the building footprint. Each piping run has its own independent inline vacuum fan (Fantech 160R) capable of moving 89 to 260 cubic feet per minute (cfm) of soil vapor at 0.2 to 1.5-inches of water column (wc) vacuum each or a total flow rate of 712 to 2,080 cfm. Specifications for the inline vacuum fans are provided in Attachment A. If NYSDEC/NYSDOH were to allow the inline vacuum fans to be turned off and removed in the future, the system is designed to also operate as a SVCS. Because actual system performance cannot be assured in passive mode given this site's unique characteristics, the system would need to be closely monitored to determine if seasonal fluctuations in actual soil vapor production rates would mandate the year-round activation of the SVCS.

Vacuum monitoring/sampling ports are present at the western end of each pipe run. These ports also function as cleanout access to the system when in active mode and could be used as secondary vapor exhaust points if the system is operated in passive mode during the construction phase. An additional eight vacuum monitoring/sampling ports are located around the perimeter of the system; these ports terminate within the gravel layer in order to monitor vacuum pressures at a distance away from the piping run. An as-built plan of the SVCS piping layout, monitoring port locations, and details are provided as Drawing C-901A and C-901B.

Any future modifications to the certified system should be done in accordance with original design installation requirements. Depending on the final building slab design and the choice of fill to reach slab grade on the site, it may be determined in the system engineer's judgment that system augmentation or modification may be necessary in order to maintain SVCS functionality.

System Pilot Testing

Langan personnel turned on the fans on 18 November 2007. Langan conducted confirmation (pilot) testing of the SVCS system while in active mode on 20 and 21 November 2007. Confirmation testing consisted of measuring the vacuum at the fan manifolds, sixteen permanent monitoring/sampling ports, and 17 temporary interior vacuum monitoring points using a digital micro-manometer and magnahelic differential pressure gauges.

At the fan manifolds at the SVCS exhaust points, vacuum measurements varying from -0.388 (Line 8) to -0.602 (Lines 4 & 5) inches wc were observed. According to the inline fan manufacturer's specifications, these vacuums correspond to average flow rates between 206 to 260 cfm of soil vapor each or a total system flow rate of 1,648 to 2,080 cfm. Measurable vacuums were observed at the endpoint cleanout sampling ports in all eight pipe runs, varying between -0.010 (Line 3) to -0.178 (Line 1) inches wc. Measurable vacuums were also observed in the eight permanent perimeter sampling ports. These monitoring ports represent the farthest points from the perforated SVCS pipe runs. Additional vacuum measurements were

taken from the interior of the system at points located between piles and pile caps that represented the farthest points from the perforated SVCS pipe runs. The vacuum measurements demonstrated that the SVCS system is properly operating and that negative pressures are being maintained in the gravel layer beneath the vapor barrier.

It should be noted that system performance will be affected by daily weather conditions. The vacuum measurements discussed above were collected during poor weather conditions that included rain, wind, and falling barometric pressures. These weather conditions were among the more difficult atmospheric conditions under which the system operates, yet a vacuum was still maintained throughout the system. During better weather conditions, particularly those accompanied with rising barometric pressures, system vacuum pressures are expected to increase.

Langan also conducted screening of volatile organic vapors and methane gas using a PID (ppb mini-RAE) and a landfill gas meter (Landtech). Volatile organic vapors were measured varying in concentration from 5 to 242 ppb below the vapor barrier and up to 1,304 ppb in the SVCS piping, with the highest readings found in the exhaust from Line 3. The spikes in concentration observed in the SVCS piping are primarily attributed to use of cleaning solvents and adhesives to connect the piping during system construction. Over time as the system operates the contributions of these sources to the volatile organic fraction of the system exhaust will likely diminish. Methane was not detected at any of the sampling points during the pilot test.

Site Management Plan & Trouble Shooting Guide

A Site Management Plan (SMP) has been prepared by AKRF to cover the former Flushing Industrial Park site (Parcel 2) with this SVCS constituting a portion of that parcel. This SVCS completion report has been provided as an attachment in part to document the system engineer's operation, maintenance, and monitoring inspection requirements. The maintenance and monitoring schedule is detailed in Section 4.2.2 of AKRF's November 2007 SMP.

Routine activities conducted during regular inspections should include:

- Visual inspection of the complete SVCS system;
- Inspect piping and fittings for air leaks or evidence of vandalism or tampering;
- Measure organic vapor readings of exhaust and at sampling ports using an organic vapor monitor (photo-ionization detector PID or equivalent);
- Measure methane vapor readings of exhaust and at sampling ports using a methane monitor;
- Determine if system dewatering is necessary; and,
- Measure vacuum readings at the sixteen permanent monitoring/sampling ports.

Non-routine maintenance activities include assessment of electrical problems and system flooding after high-water storm events because the site is located within the flood plain. Electrical problems including tripped circuit breakers and loose or damaged wiring are common causes of inline fan operational issues. A qualified electrician should be called to inspect the system electrical panel, wiring, and fan motor and diagnose the exact nature of the failure. To assist in the completion of this task, a periodic inspection log form has been developed and is included as an attachment to this report.

If the fans are running but significant vacuum losses are observed that are outside normal SVCS operating parameters, the SVCS pipes within the area of the identified failure should be video-scoped to identify the portions of the pipe runs that are flooded or otherwise damaged. The SVCS can then be dewatered using a vacuum truck or other acceptable pumping method until video-scoping shows less than 1-inch of water within each impacted piping run. If a piping run is damaged, consultation with the design engineer would be required in order to determine a remedy.

Notification Plan

Visual alarms have been installed to notify non-technical personnel such as the site superintendent/manager or designee of a loss of a system power. A regular system inspection schedule has been outlined in AKRF's SMP. In the event that the system has shut down, the manager will contact Langan, who will respond as necessary.

Air Permitting

Under the NYSDEC Brownfield Cleanup Program, air permit requirements are waived provided that substantive requirements are met. AKRF will collect air samples from the sampling ports and fan exhaust as outlined in their SMP to confirm substantive requirements of air permitting are met.

Termination of System Operation

During the construction phase, the active operation of the system may be temporarily suspended and converted to passive operation without specific approval from NYSDEC and NYSDOH.

However, prior to initial building occupation, the SVCS must be operated in active mode (with fans running) under this SMP. The SVCS should not be turned off without written approval by NYSDEC and NYSDOH; even temporary suspensions will require approval from NYSDEC and NYSDOH after building occupancy. In order to determine whether the system can be converted to passive venting (i.e., without operating the in-line fans) during building occupancy, a separate sampling protocol will be established by Langan and AKRF for approval by NYSDEC

and NYSDOH. During building occupancy, systems should remain in place and operational until permission to discontinue use is granted in writing by NYSDEC and NYSDOH.

If you have any questions or concerns in connection with this change order request, please contact us at 201-794-6900.

Sincerely,

Langan Engineering and Environmental Services, Inc.

Marshall E. King
Senior Staff Engineer

Gerard M. Coscia, P.E.
Senior Associate

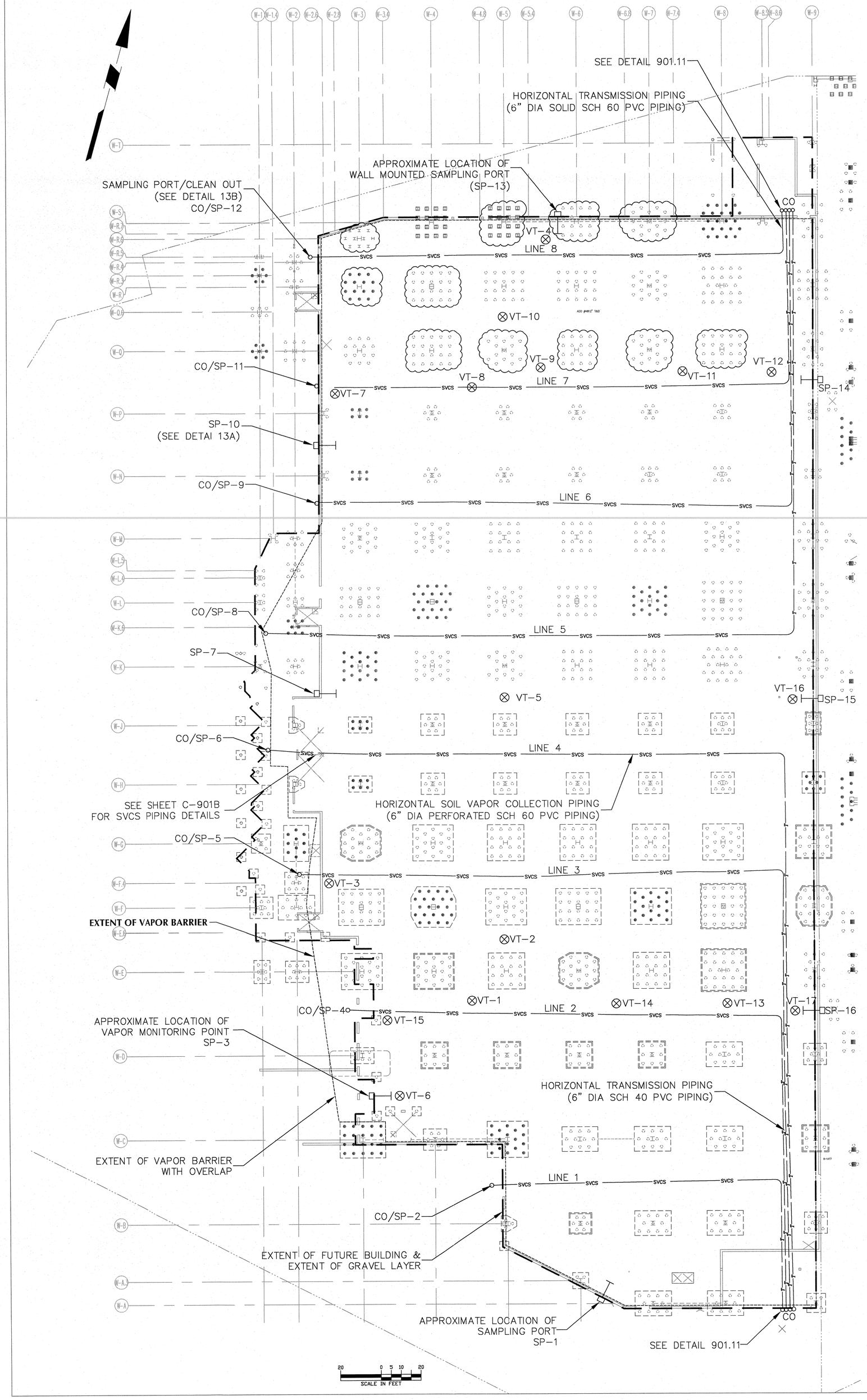
GMC:MEK:kn

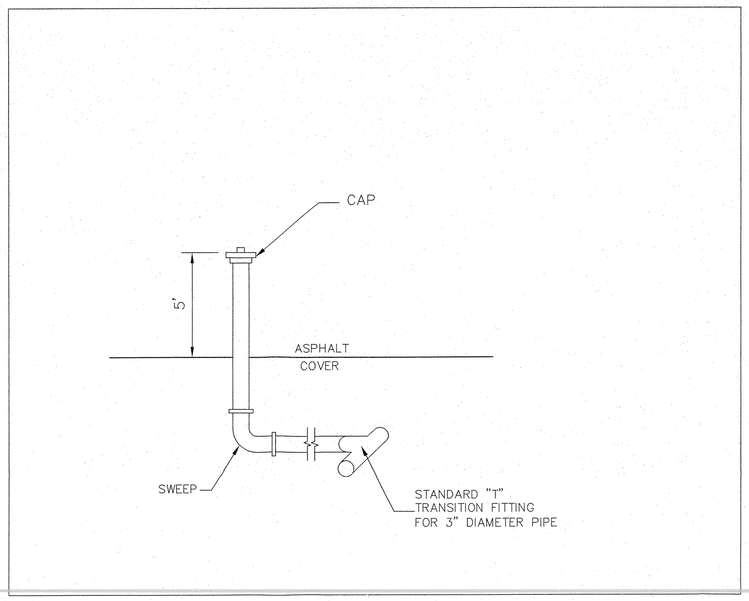
Enclosures: Attachment A – As-Built Drawings
Attachment B – System Installation Photographic Log
Attachment C – System Component Documentation
Attachment D – Periodic Inspection Sheets
Attachment E – Pilot Test Documentation
Attachment F – System Certification

ATTACHMENT A

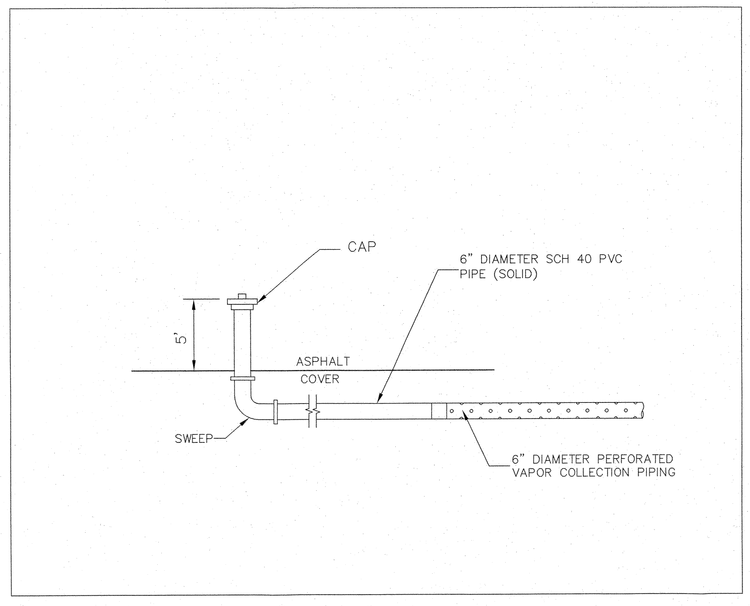
AS-BUILT DRAWINGS

LANGAN





DETAIL C901.13A
VAPOR SAMPLING POINT
(NOT TO SCALE)



DETAIL C901.13B
VAPOR MONITORING POINT/CLEANOUT
(NOT TO SCALE)

VAPOR MONITORING POINT DETAILS

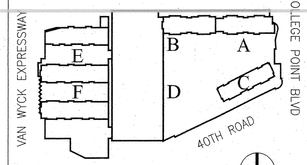
Notes:
Pile locations and pile cap configurations shown are as planned not as-built. Significant modifications have been made to the design and are not reflected in this drawing. Please see photo log attachment to Engineering Controls (EC) Completion report for more details.

LEGEND

T	HORIZONTAL TRANSMISSION PIPE AS-BUILT
SVCS	HORIZONTAL SOIL VAPOR COLLECTION SYSTEM PIPE AS-BUILT
SP	LOCATION OF SAMPLING PORT
CO/SP	CLEAN OUT/SAMPLING PORT
	PILES TERMINATE BELOW VAPOR BARRIER
	PILE CAPS TERMINATE ABOVE VAPOR BARRIER
	VAPOR BARRIER TERMINATES IN WORKING SLAB

NO.	DATE	REVISION
6	11-28-07	REVISED TO REFLECT AS-BUILT CONDITIONS
5	10-8-07	REVISED ENTIRE SYSTEM FOR CAP CHANGE
4	03-17-07	REVISED VERTICAL EXHAUST LOCATIONS BASED ON UPDATED STAIRWELL STRUCTURAL PLAN AND ADDED PROPOSED FAN ELEVATIONS. ALSO REVISED SVCS PIPING BASED ON REVISED SITE PLAN AND PROPOSED MONITORING POINT LOCATIONS
4	03-17-07	REVISED DETAIL OF SOLID TRANSMISSION PIPING PITCH TO 1/16" PER FOOT AND C902.11 TO REMOVE EXTRANEOUS LINES
3	03-06-07	REVISED DETAIL TO ADD 2" GRAVEL COVER AROUND SVCS AND TRANSMISSION PIPING
2	02-21-07	REVISED DETAIL FOR SVCS PIPING MODIFYING FROM ADVANCIZE TO 6" DIAMETER PERFORATED SCH 80 PVC PIPING
1	08-07-06	FOUNDATION BID PACKAGE

GERARD COSCIA,
PROFESSIONAL ENGINEER NY Lic. No. 059086-1



KEY PLAN

LANGAN
Environmental Engineering Services
River Drive Center 1
419 River Drive
Elmwood Park, NJ 07407
P: 201.794.6900 F: 201.794.0098
www.langan.com
NEW JERSEY TRENTON, NJ | NEW YORK CHARLESTON, SC | FLORIDA ORLANDO
NJ Certificate of Authorization No. 24GA27996400

Owner:
CE FLUSHING LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

Retail/Parking/Traffic:
URBITRAN/ROSENBLOOM ARCHITECTS
71 WEST 23RD STREET
NEW YORK, NY 10010

Landscape Architect:
MOSS GILDAY GROUP
64 GRANT PLACE
LITTLE SILVER, NJ 07739

MEP/Architectural Lighting Design:
JB & B CONSULTING ENGINEERS
80 PINE STREET
NEW YORK, NY 10005

Structural:
DESIMONE CONSULTING ENGINEERS
18 WEST 18TH STREET
NEW YORK, NY 10011

Civil:
LANGAN ENGINEERING
619 RIVER DRIVE
ELMWOOD PARK, NJ 07407

GeoTech:
SESI CONSULTING ENGINEERS
12 MAPLE AVENUE
PINE BROOK, NJ 07058

Environmental Consultant:
AKRF, INC.
440 PARK AVENUE SOUTH, 7TH FL
NEW YORK, NY 10016

Vertical Transportation:
VAN DEUSEN & ASSOCIATES
5 REGAN ST. STE 527
LIVINGSTON, NJ 07039-1617

Acoustic:
SHEN MILSOM & WILKE, INC
417 5TH AVENUE
NEW YORK, NY 10016

Security:
KFO ASSOCIATES
45 BURNT SWAMP ROAD
WOODBRIDGE, CT 06525

NOVEMBER 28, 2007

PROJECT TITLE:
FORMER FLUSHING INDUSTRIAL PARK

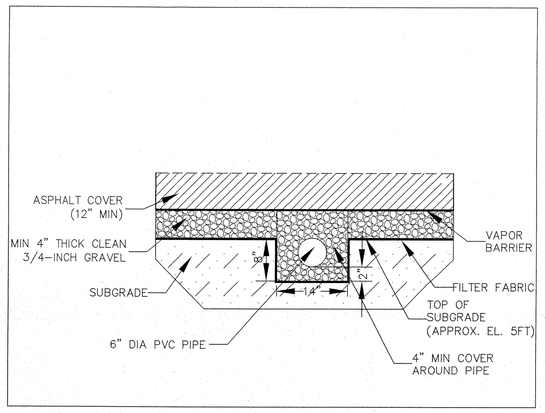
COLLEGE POINT BOULEVARD
QUEENS, NEW YORK

PROJECT No: 1838804

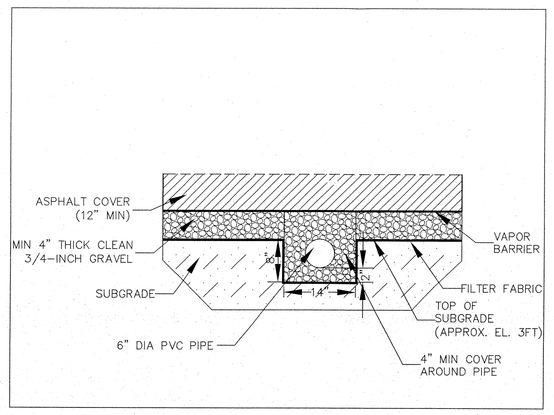
DRAWING TITLE:
AS-BUILT SOIL VAPOR COLLECTION SYSTEM AND DETAILS

SCALE: 1"=20'

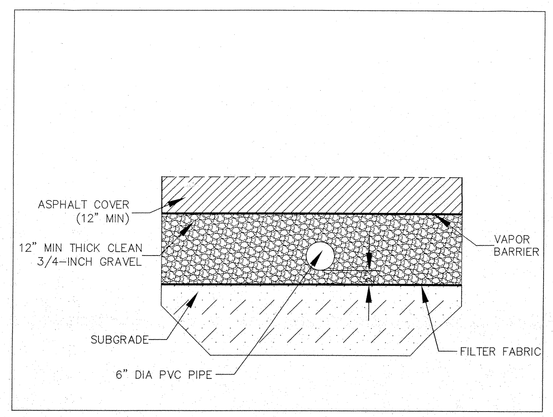
C-901A



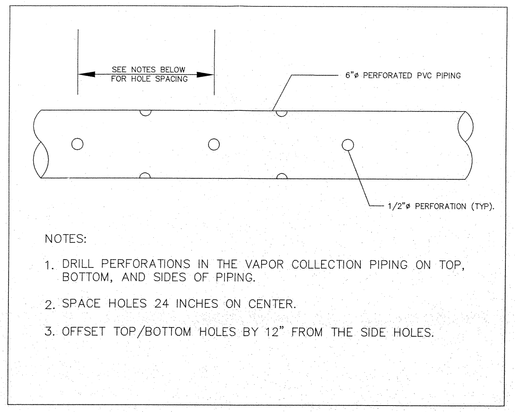
DETAIL C901.1A
SOIL VAPOR COLLECTION PIPING DETAIL
FOR RUNS BETWEEN COLUMN LINES W-A & W-J
(NOT TO SCALE)



DETAIL C901.1B
SOIL VAPOR COLLECTION PIPING DETAIL
FOR RUNS BETWEEN COLUMN LINES W-J & W-T
(NOT TO SCALE)

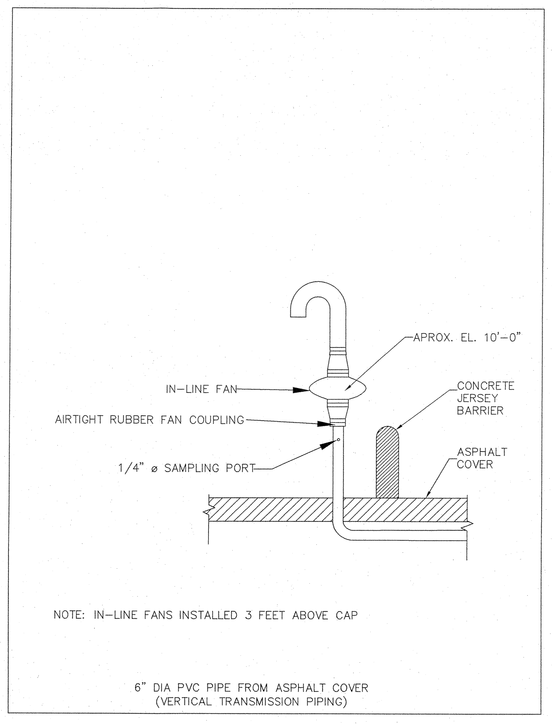


DETAIL C901.1C
SOIL VAPOR COLLECTION PIPING DETAIL
FOR RUNS BETWEEN COLUMN LINES F-G & R-S
(NOT TO SCALE)



DETAIL C901.2
PERFORATED SOIL VAPOR COLLECTION SYSTEM (SVCS) PIPING
(NOT TO SCALE)

SUBSLAB VAPOR COLLECTION SYSTEM (SVCS) DETAILS



DETAIL C901.10
IN-LINE FAN
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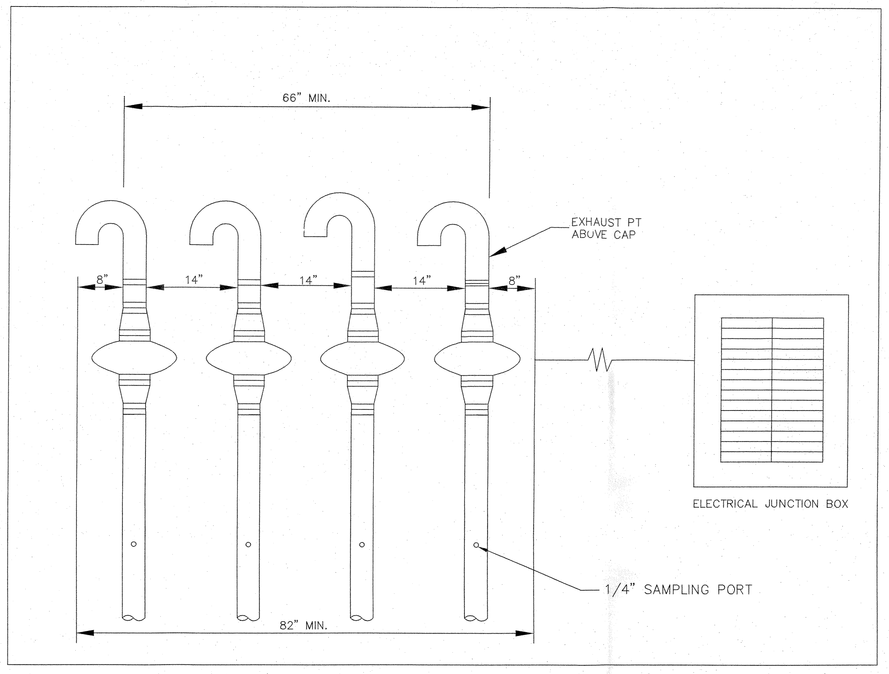
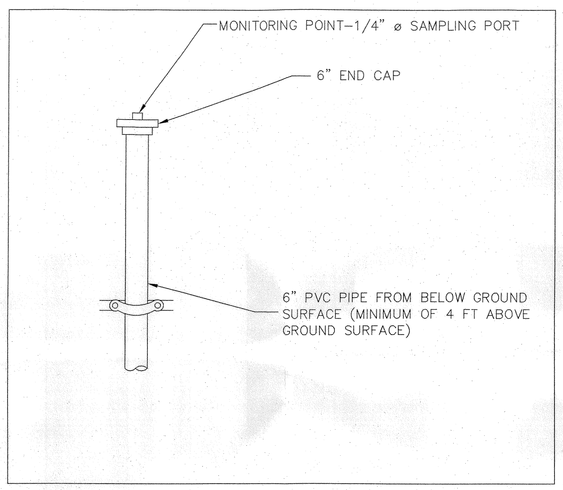
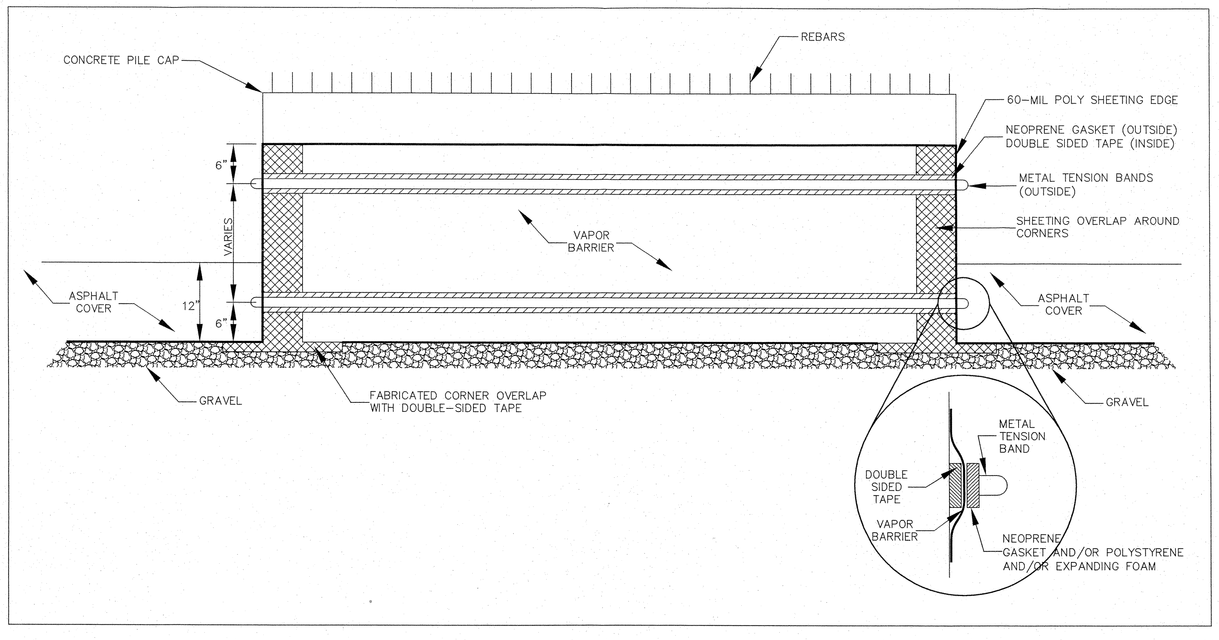


DETAIL C901.11
IN-LINE FAN LAYOUT
(NOT TO SCALE)

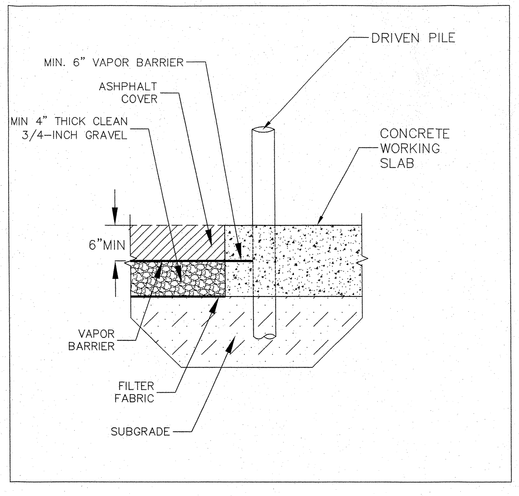


DETAIL C901.12
VAPOR MONITORING POINT
(NOT TO SCALE)

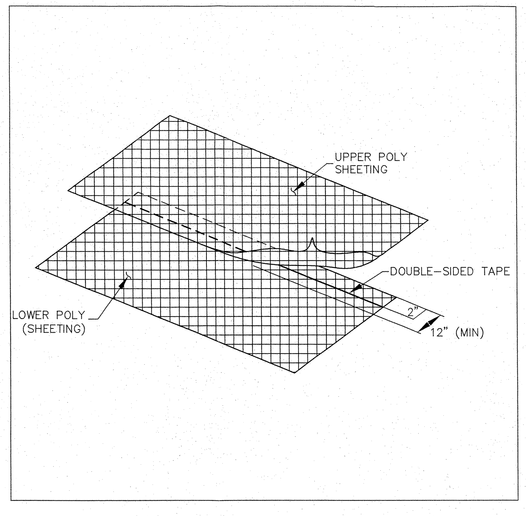
IN-LINE FAN / VAPOR MONITORING POINT DETAILS



DETAIL C901.9A
PILE CAP TERMINATION
(NOT TO SCALE)



DETAIL C901.9B
WORKING SLAB TERMINATION
(NOT TO SCALE)



DETAIL C901.6
POLY SHEETING VAPOR BARRIER OVERLAP
(NOT TO SCALE)

SUBSLAB VAPOR BARRIER DETAILS

NO.	DATE	REVISION
6	11-28-07	REVISED TO REFLECT AS-BUILT CONDITIONS
5	10-8-07	REVISED ENTIRE SYSTEM FOR CAP CHANGE
4	03-17-07	REVISED VERTICAL EXHAUST LOCATIONS BASED ON UPDATED STAIRWELL STRUCTURAL PLAN AND ADDED PROPOSED FAN ELEVATIONS. ALSO REVISED SVCS PIPING BASED ON REVISED SITE PLAN AND PROPOSED MONITORING POINT LOCATIONS
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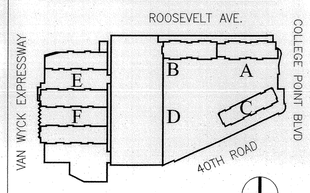
1	08-07-06	FOUNDATION BID PACKAGE

STATE OF NEW YORK — GERARD M. CRONIN — LICENSED PROFESSIONAL ENGINEER

GERARD CRONIN
PROFESSIONAL ENGINEER NY Lic. No. 059086-1



KEY PLAN

LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY
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www.langan.com
NEW JERSEY · PENNSYLVANIA · NEW YORK · CONNECTICUT · FLORIDA · WASHINGTON, DC
A T.H. LANGAN ASSOCIATES, INC. EMPLOYEE-OWNED COMPANY

Owner:
CE FLUSHING LLC
118-35 QUEENS BOULEVARD
FOREST HILLS, NY 11375

Retail/Parking/Traffic:
URBITRAN/ROSENBLOOM ARCHITECTS
71 WEST 23RD STREET
NEW YORK, NY 10010

Landscape Architect:
MOSS GILDAY GROUP
64 GRANT PLACE
LITTLE SILVER, NJ 07739

MEP/Architectural Lighting Design:
JB & B CONSULTING ENGINEERS
80 PINE STREET
NEW YORK, NY 10005

Structural:
DESIMONE CONSULTING ENGINEERS
18 WEST 18TH STREET
NEW YORK, NY 10011

Civil:
LANGAN ENGINEERING
619 RIVER DRIVE
ELMWOOD PARK, NJ 07407

GeoTech:
SESI CONSULTING ENGINEERS
12 MAPLE AVENUE
PINE BROOK, NJ 07058

Environmental Consultant:
AKRF, INC
440 PARK AVENUE SOUTH, 7TH FL
NEW YORK, NY 10016

Vertical Transportation:
VAN DEUSEN & ASSOCIATES
5 REGAN ST. STE 527
LIVINGSTON, NJ 07039-1617

Acoustic:
SHEN MILSOM & WILKE, INC
417 5TH AVENUE
NEW YORK, NY 10016

Security:
KFO ASSOCIATES
45 BURNT SWAMP ROAD
WOODBRIDGE, CT 06525

NOVEMBER 28, 2007

PROJECT TITLE:
FORMER FLUSHING INDUSTRIAL PARK

COLLEGE POINT BOULEVARD
QUEENS, NEW YORK

PROJECT No: 1838804

DRAWING TITLE:
AS-BUILT SOIL VAPOR COLLECTION SYSTEM AND DETAILS

SCALE: 1"=20'

C-901B

ATTACHMENT B

SYSTEM INSTALLATION PHOTOGRAPHIC LOG

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Attachment B
Photographic Log
Former Flushing Industrial Park
Flushing, Queens, NY

Photo 1: Preparation and leveling of ground surface in lane BC.

Photo 2: Workers covering lane BC with filter fabric.

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Photo 3: Workers preparing to roll Pipe 1 into its trench in lane BC.

Photo 4: Covering lane BC with four inches of 3/4" gravel.

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Photo 5: Laying 60 mil UltraFlex Texturized polyethylene vapor barrier in lane BC.

Photo 6: Placement of 12" of asphalt cover in lane BC.

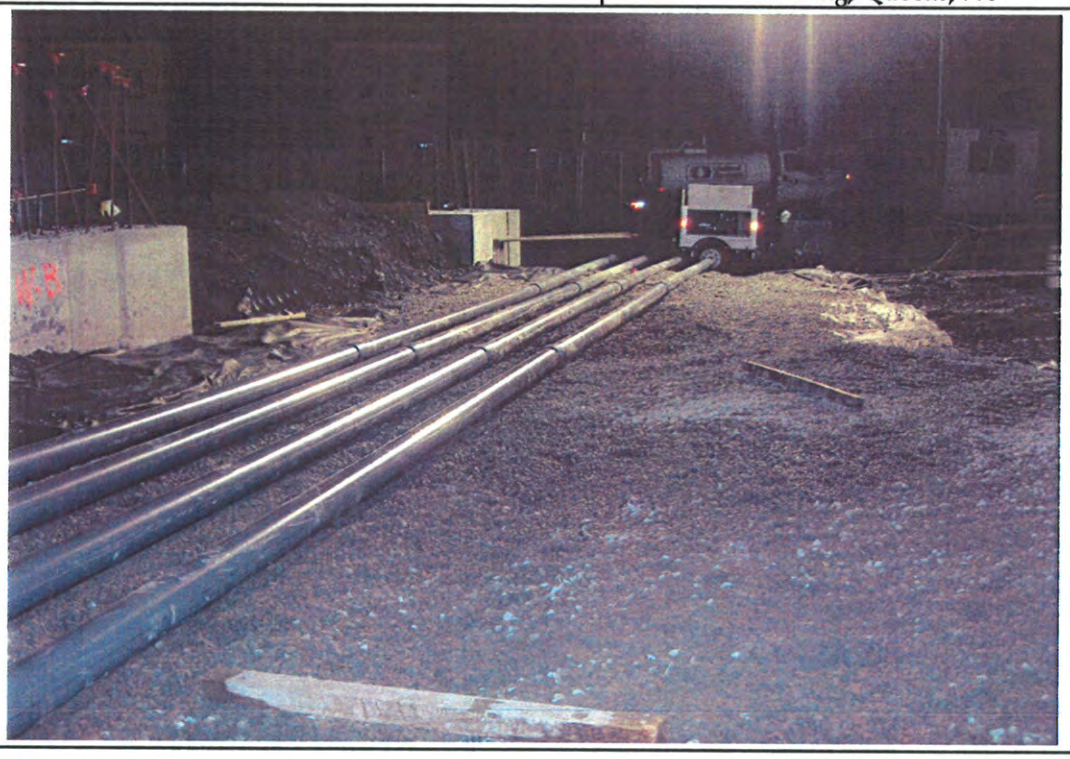

Photo 7: Four transmission pipes on the southern end of the system.

Photo 8: A sweep connecting a ventilation pipe to a transmission pipe.

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Photo 9: An overhead view of Line 5 on the northern end of the barrier system.

Photo 10: Workers unrolling a sheet of the vapor barrier.

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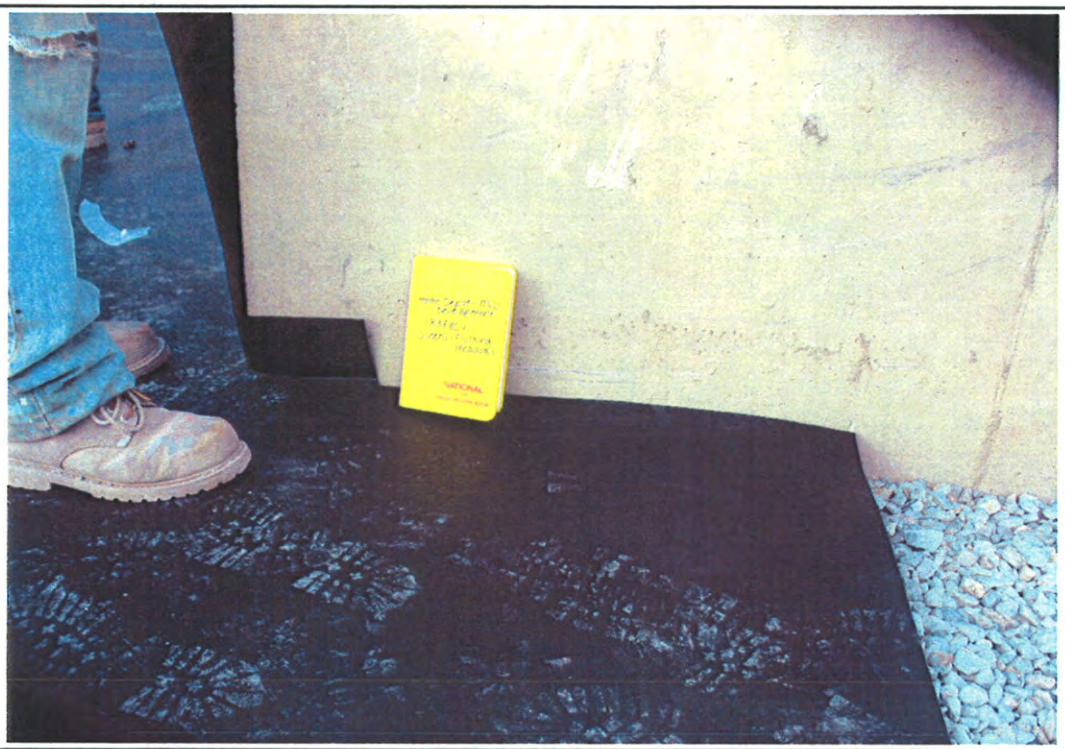

Photo 11: A factory heat-molded polyethylene corner used to secure vapor barrier seal on pile cap corners (near the worker's boot).

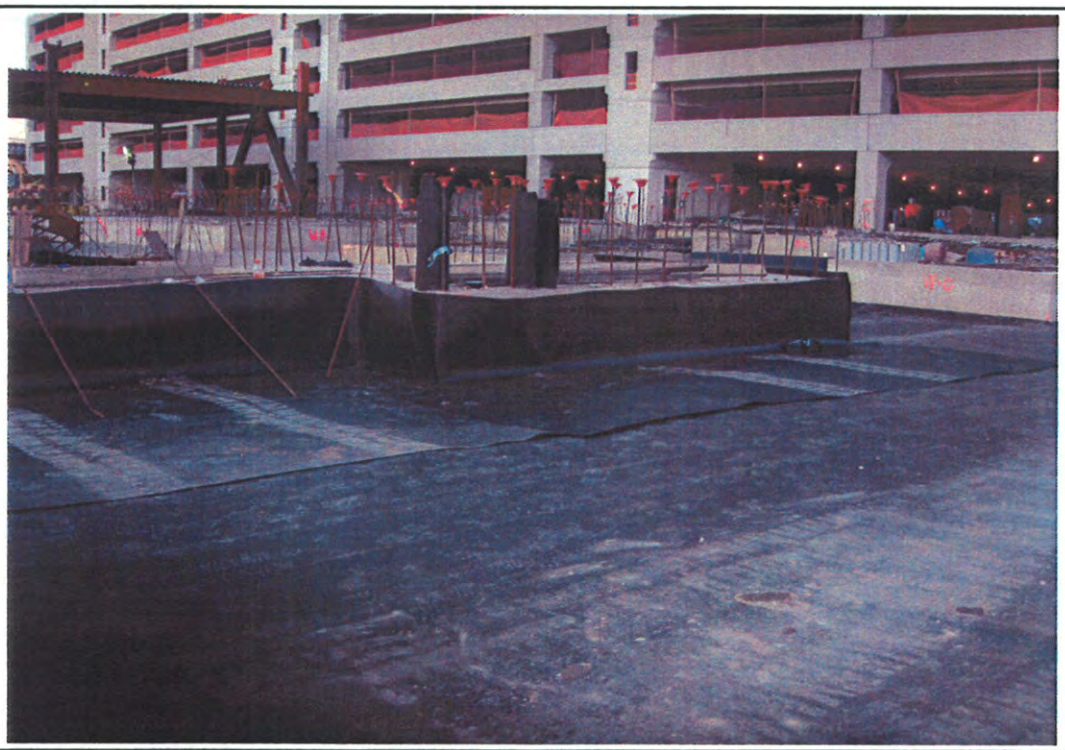

Photo 12: Pre-laying of vapor barrier to ensure seam overlaps and pile cap penetration coverage.

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Photo 13: In the process of laying asphalt cover over the vapor barrier. Barrier was not secured to pile caps during this phase to reduce strain on the pile cap connections.

Photo 14: The westernmost extent of the vapor barrier looking south showing dovetail overlap beyond gravel layer and into native soil.

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Photo 15: Cleanouts at end of lines penetrating asphalt cover.

Photo 16: Where pile caps had not yet been constructed, the gravel, plastic liner, and asphalt millings were lain to the outer edges of the piles. A working slab was then poured to surround the piles and seal the vapor barrier edges.

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Photo 17: A portion of the vapor barrier was inspected after being installed and exposed to heavy construction vehicle traffic. No punctures or tears were observed.

Photo 18: A vibrating roller compacting the asphalt cover.

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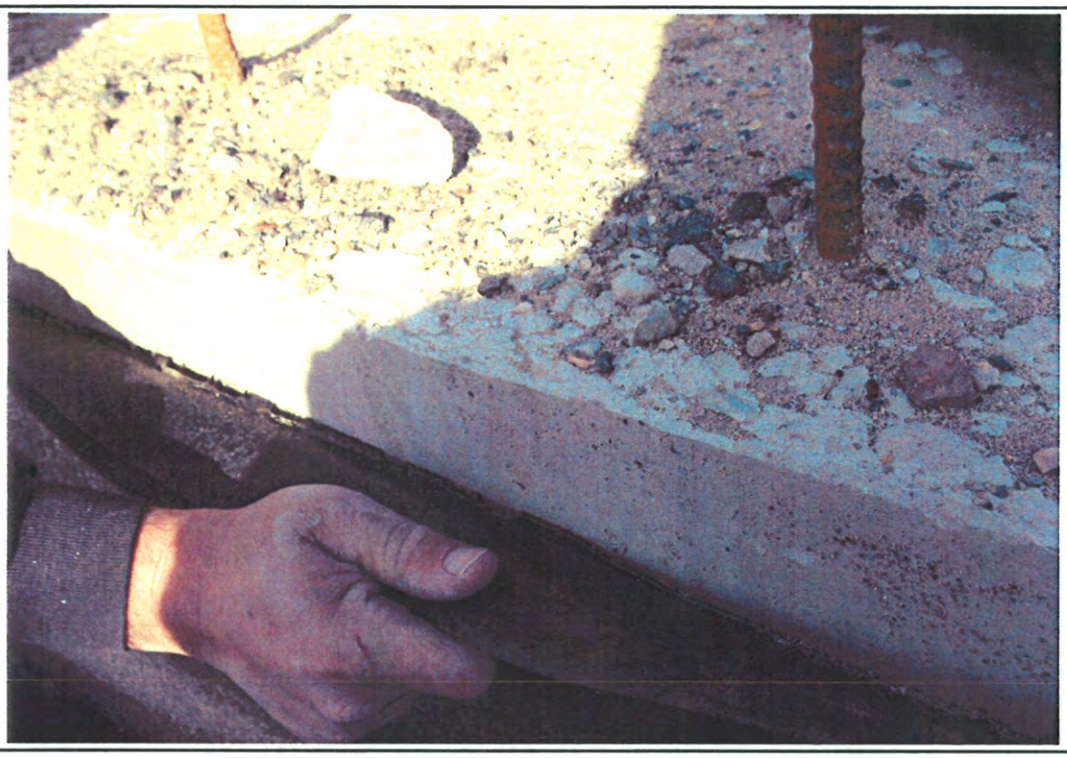

Photo 19: Double-sided mastic tape holding the vapor barrier to a pile cap.

Photo 20: When sealing the vapor barrier at night or in colder weather, the mastic tape was heated to improve adhering and sealing of the barrier to the pile caps.

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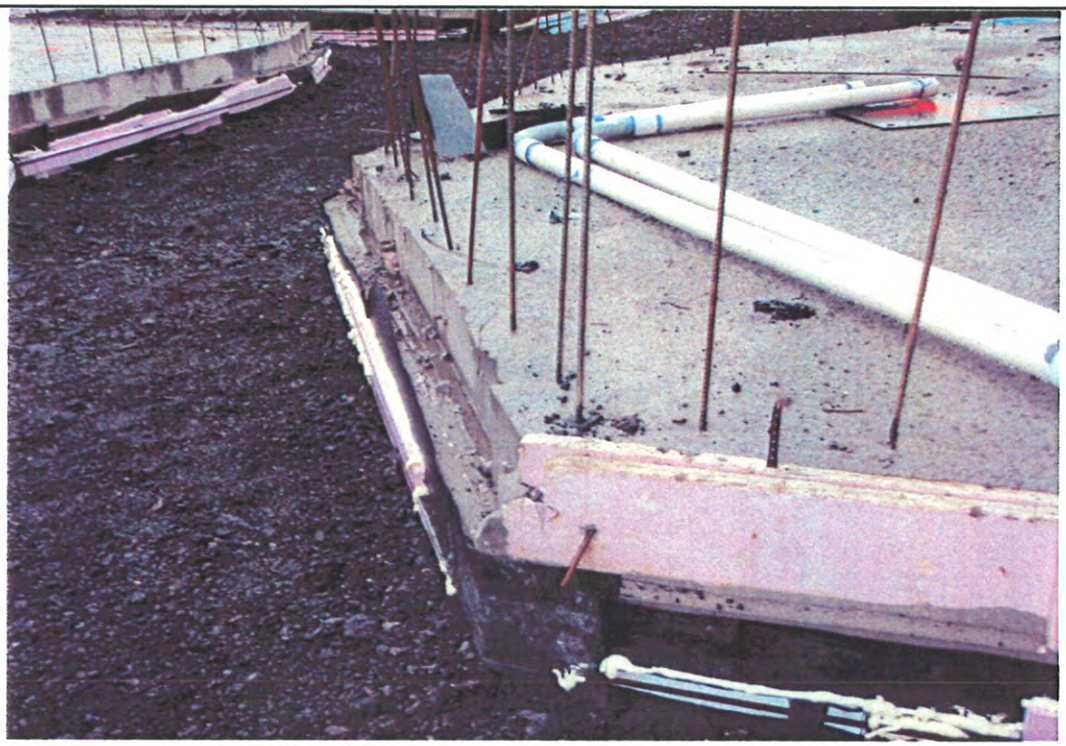

Photo 21: The polystyrene foam that was used to tighten the seals around the pile caps was recycled after having been used in the pile cap forms for edging.

Photo 22: The vapor barrier was sealed twice around each cap using double-sided tape and metal tension bands with foam to fill gaps.

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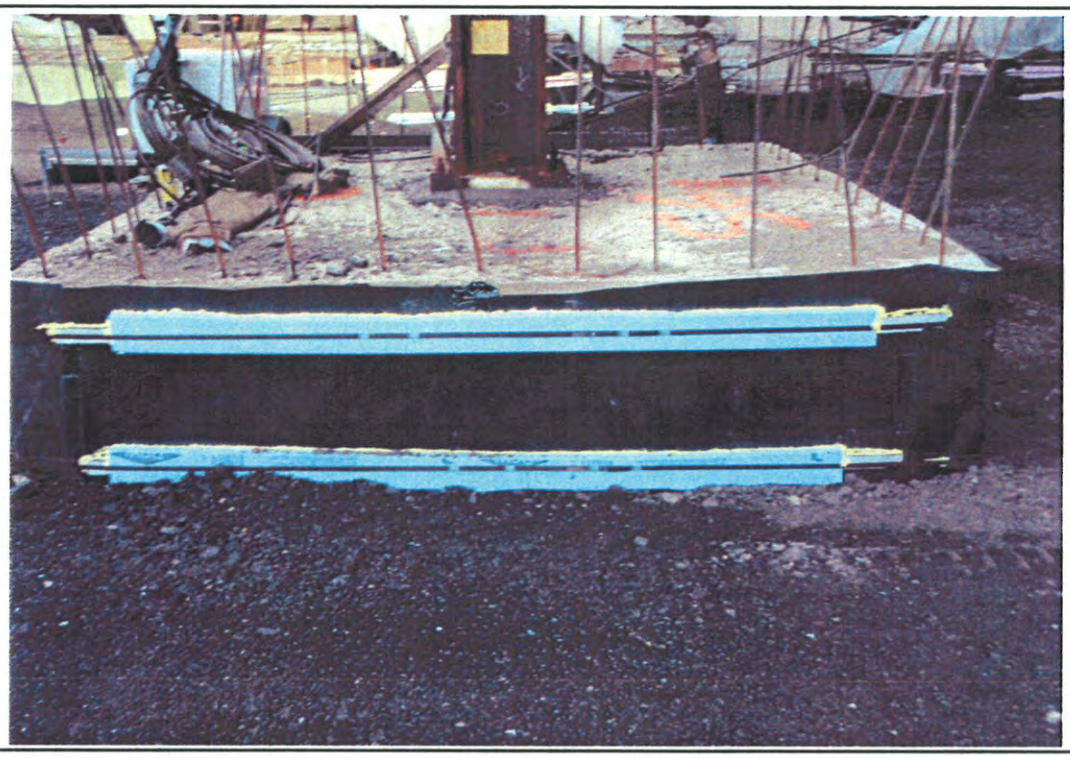

Photo 23: A sealed pile cap.

Photo 24: An example of a completely sealed square pile cap. The bottom seal is buried under the asphalt cover.

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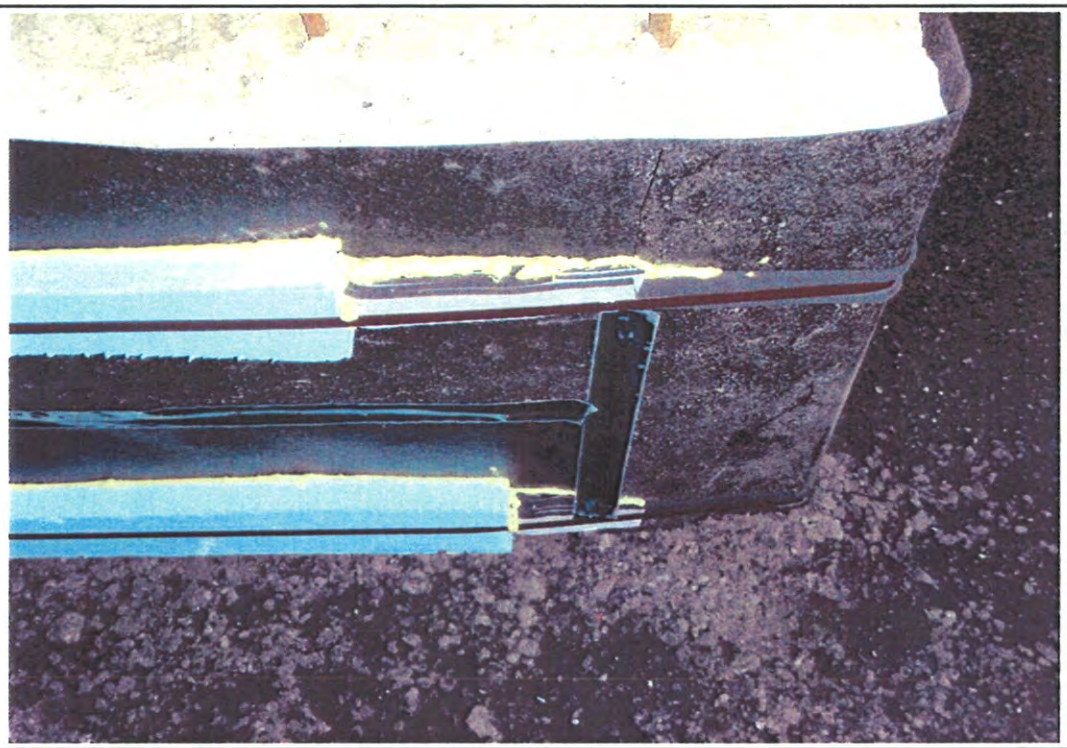

Photo 25: Seams along the pile caps were sealed with tape both on the inside and outside of the vapor barrier.

Photo 26: An example of a completely sealed octagonal pile cap.

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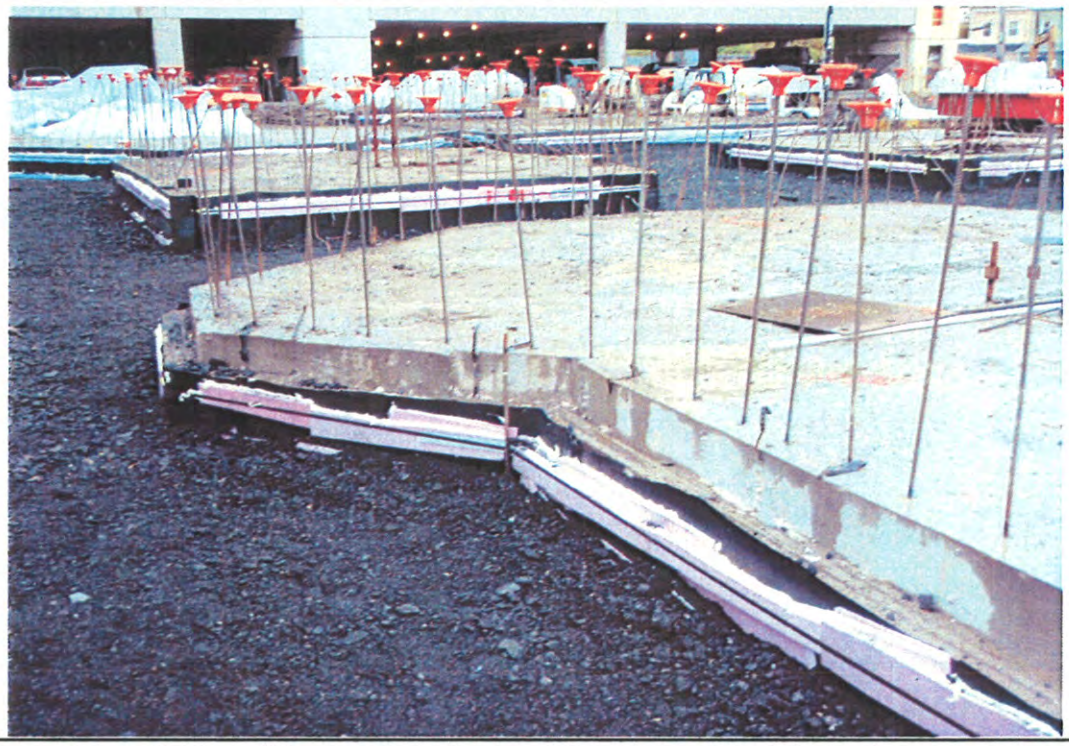

Photo 27: Due to field conditions, several pile caps differed from original design drawings. Rebar and foam were used to keep the metal banding tight around these caps.

Photo 28: Due to field conditions, several pile caps differed from original design drawings.

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Photo 29: Two pile caps connected by a completed saddle beam. Rebar and foam were again used to maintain the metal banding tension.

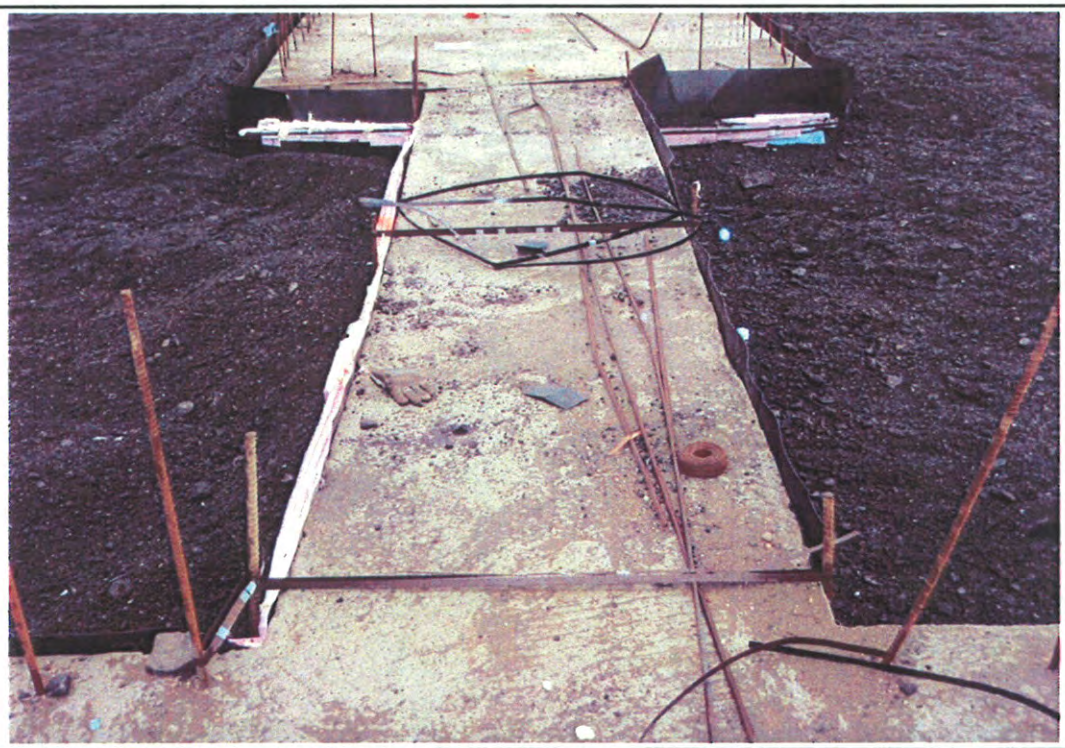

Photo 30: Close-up of two pile caps connected by a completed saddle beam.

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Photo 31: Panoramic view of the north side of the site near completion of the SVCS installation.

Photo 32: Panoramic view of the south side of the site near completion of the SVCS installation.

ATTACHMENT C

SYSTEM COMPONENT DOCUMENTATION

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Fantech

Installation Instructions for MODEL FR

IMPORTANT: Read These Instructions Completely Before Installing Fan And Save These Instructions For Future Reference.

Items Included: One FR fan, one mounting bracket, mounting hardware

Regular Kits Also Include: Grill with mounting collar/backdraft damper combination, duct mounting clamps

Deluxe Kits Also Include: 2 Grills with mounting collar/backdraft damper combination, "Y" transition, duct mounting clamps, balancing damper

Additional Items Needed: Duct work, duct tape or mounting clamps, duct termination device (roof cap, louvered shutter, etc.)

Tools Required: Electric drill, drill bits, regular screwdriver, phillips screwdriver, razor knife, keyhole saw (optional)

Instructions pour l'installation du MODÈLE FR

IMPORTANT: Lisez ces instructions complètement avant d'installer le ventilateur et sauvegardez ces instructions pour de future référence.

Articles inclus : Un ventilateur FR, un support, matériel de support.

Les Kits Réguliers incluent en outre : Grille avec les fixations pour le collier/décharge du régulateur, les pinces de fixation du tuyau.

Les kits de luxe inclus également : 2 Grilles avec les fixations pour le collier/décharge du régulateur, raccordement en "Y", les pinces de fixation du tuyau, du régulateur d'équilibrage.

Les articles supplémentaires nécessaires : Le tuyau, le ruban adhésif ou les pinces de fixation, le dispositif de connexion du tuyau (couvercle du toit, porte-volets, etc.).

Les outils nécessaires : une perceuse électrique, outils de forage, un tournevis normal, un tournevis pour vis de crosse, un couteau rasoir, une scie passe partout (optionnel).

Instrucciones de instalacion del MODELO FR

IMPORTANTE: Lea a Fondo Estas Instrucciones Antes de Instalar el Ventilador, y Consérvelas para Referencia Futura.

Renglones Incluidos: Un ventilador FR, un soporte de montaje y tornillería

Los Juegos Regulares También Incluyen: Rejilla con conjunto do collarín de montaje y mariposa de contratiro, y abrazaderas de montaje del conducto

Los Juegos de Lujo También Incluyen: 2 Rejillas con conjunto de collarín de montaje y mariposa de contratiro; adaptador en "Y", abrazaderas de montaje del conducto y mariposa compensadora

Renglones Adicionales Requeridos: Conductos, cinta para conductos o abrazaderas de montaje, dispositivo de terminal del conducto (capucha de terminación en el techo, juego de persianas, etc.)

Herramientas Necesarias: Taladro eléctrico, barrenas, destornillador recto, destornillador Phillips, navaja, sierra caladora (opcional)

Installing Mounting Bracket & Fan

1. When selecting fan mounting location, the following criteria should be considered: *a) mounting to minimize noise generated by fan operation; b) service accessibility*
   a) Mounting the fan as far as possible from the intake point will minimize fan operating noise from being transmitted back through the duct work. If the fan is to be used as a booster for moving the air between two rooms, a central point along the duct may be optimal. Insulated flexible type duct work (recommended for all bathroom exhaust applications) will result in much quieter operation. Fantech recommends minimum 8' of insulated flexible duct between any exhaust grill and fan for low noise level.
   b) Fan location should allow sufficient access for service.

Mount Bracket (NB).

Mount Fan.

2. Using the wood screws provided, attach the mounting bracket (NB or MB) to a support beam at the selected location. Fan mounting can be at any point along the duct and in any angle, however, vertical mounting is recommended to reduce condensation buildup in the fan. If a horizontal installation is necessary and condensation buildup may pose a problem, either wrap insulation around the fan or drill a ¼" hole in the bottom of the housing (along with an NPT insert [by others] and drain tubing) allowing condensation to drain.
3. Attach fan to the mounting bracket with the sheet metal screws provided. Wiring box should be positioned for easy access. Bracket is provided with rubber vibration isolation grommets to prevent the transmission of sound through the structure. Be careful not to overtighten. Also, care should be taken not to strip the plastic housing. Screws are self tapping and do not require pilot holes. However, pilot holes (no larger than 9/32") are recommended.
4. Connect duct work to inlet and outlet of fan using CB clamps or duct tape. When using insulated duct, it is recommended that the inner vinyl core be clamped or taped to the inlet and outlet and that the vapor barrier surrounding the insulation be duct taped to the fan housing.

Mount Bracket (MB).

Mount Fan.

NOTE: Steps 2 & 3 may be reversed.

Installing DG Supply/Exhaust Grill

If a Vent/Light combination kit is purchased, the VLC vent/lights are supplied with a separate installation instruction replacing steps 1 through 4.

1. Select the grill mounting point within the area to be ventilated. To ease installation, locations of framing beams within the walls or joists supporting the ceiling should be considered. Collar/damper is provided with a perforated hanging strap for attachment directly to a beam or joist. Allow sufficient space between the collar/damper and the beam to attach the duct work. If the location of the grill does not allow direct attachment, a cross-member mounted to the framing should be used.

Mount Collar

2. Place the mounting collar/damper in the selected location and trace a circle onto the surface. From the interior side of the room, cut through the surface. Please note: In order to assure a smoother finish when mounting through a sheetrock or tile type ceiling, it is recommended that a razor knife be used to make the cut.
3. From within the attic or crawl space, place the mounting collar into the hole until the edge of the collar is flush with the interior wall or ceiling surface. Attach collar to the support beam with the 2" wood screws provided. Attach duct work. Secure using CB or FC clamps and/or duct tape. When installing the damper into rigid type ducting, FC clamps or duct tape should be used.

Side view grill and collar.

***PLEASE NOTE:** When attaching flex duct to the collar/damper combination and an immediate elbow is necessary, be certain that the elbow is installed with a "soft" bend to allow damper blades to operate properly.*

4. Snap the grill into the mounting collar/damper. Grill should be pushed tightly into place for an airtight fit. If there is a gap between the collar and the ceiling it should be caulked to avoid air leakage. For subsequent cleaning the grill can be pulled out and cleaned.

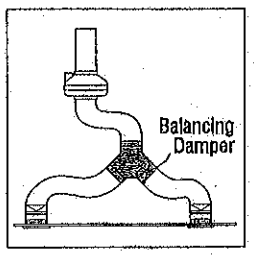
Installing DG Supply/Exhaust Grill

When installing a **DLX kit**, a balancing damper has been included to allow for adjustment of the system. The damper may be used where the grills will be connected using branches of unequal length or where the flow will need to be balanced for any reason.

"Y" with balancing damper.

To Install The Damper:

1. The Damper must be installed on the branch with the least restriction.
   This is generally the duct that is shortest or has the fewest bends.
2. Drill a 9/16" hole approximately 1½" from the edge on the flat side of the "Y".
3. Place the washer over the threaded shaft on the damper.
4. Insert the damper, shaft first, into the hole just drilled.
5. Attach the handle using the wing nut.
6. Adjust the damper to balance airflow and tighten the wing nut to secure.



FR Series Fan and balancing damper.

Flexible Duct Installation Hints

Flexible insulated duct is strongly recommended where allowed by local code for bathroom exhaust applications, where ducting passes through unconditioned space or where noise is a factor. Failure to use insulation could result in excessive condensation buildup within the duct, and undesirable sound levels within the room. For the quietest possible installations, Fantech recommends a minimum of 8' of insulated flexduct between any exhaust grill and fan. When using flexible type duct work, duct should be stretched as tight and straight as possible. Failure to do so could result in dramatic loss of system performance. Flexible duct should be connected to the fan with CB type clamps or duct tape. All connections should be as airtight as possible to maximize system performance.

Warnings

DO NOT CONNECT POWER SUPPLY until fan is completely installed. Make sure electrical service to the fan is locked in "OFF" position

1. All units are suitable for use with solid-state speed control.
2. This unit has rotating parts and safety precautions should be exercised during installation, operation and maintenance.
3. **CAUTION:** "For General Ventilation Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapors."
4. **WARNING: To reduce the risk of fire, electrical shock, or injury to persons-observe the following:**
   a. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the factory.
   b. Before servicing or cleaning, switch power off at service panel and lock service panel to prevent fan from being switched on accidentally.
   c. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
   d. The combustion airflow needed for safe operation of fuel burning equipment may be affected by this unit's operation. Follow the heating equipment manufacturer's guidelines and safety standards such as those published by the National Fire Protection Association (NFPA), the American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) and the local code authorities.
   e. When cutting or drilling into wall or ceiling, do not damage electrical wires or other hidden utilities.
   f. Exhaust fans must always be vented to the outdoors.
   g. Acceptable for use over a bathtub or shower.
   h. NEVER place a switch where it can be reached from a tub or shower.
5. **WARNING!** Check voltage at the fan to see if it corresponds to the motor nameplate.

GUARDS MUST BE INSTALLED WHEN FAN IS WITHIN REACH OF PERSONNEL OR WITHIN SEVEN (7) FEET OF WORKING LEVEL OR WHEN DEEMED ADVISABLE FOR SAFETY.

Electrical Connection

1. Remove the screws securing the terminal box cover plate located on the side of the fan. All fan motor connections are pre-wired to an electrical terminal strip. A ⅜" romex type cable restraint connector will be needed to secure the wiring through the knockout provided on the side of the terminal box.
2. Bring incoming electrical service through the romex connector and the fan knockout. Be sure to place the connector nut over the wiring coming into the terminal box. There are two open ports on the terminal strip. Using a small regular screwdriver, tighten the neutral (white) wire of the incoming supply under the open terminal strip port labeled "N". Tighten the line (black) wire of the incoming supply under the open terminal strip port labeled "L". Since the fan motor is isolated within a plastic housing, grounding is not necessary.
3. Secure the romex connector. Secure the incoming supply with the romex connector. Replace the fan terminal box cover. All fan motor and capacitor connections have been pre-wired from the factory. No additional fan wiring is necessary.

Liquid tight wiring – Top View (For outside applications).

Romex wiring – Top View

Troubleshooting

If fan fails to operate, please check the following:

1. Consult wiring diagrams (see below) to insure proper connection.
2. Check motor lead wiring, capacitor leads and incoming supply leads to insure definite contact.
3. If possible, use a meter to test for continuity across the fan motor leads. In order to do this, the capacitor must be disconnected (do not test the capacitor - it will not meter continuity). If motor leads show continuity, consult factory for a replacement capacitor.

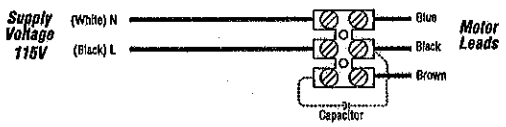
Maintenance Instructions

Since fan bearings are sealed and provided with an internal lubricating material, no additional lubrication is necessary.

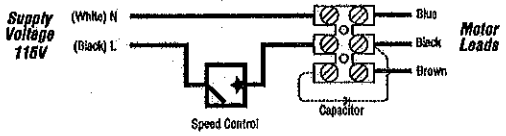
Wiring Diagrams

All Models

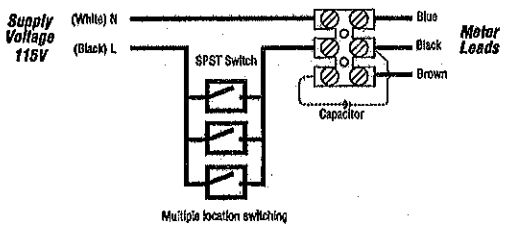
Without Motor Speed Controller



With Motor Speed Controller



Multiple Location Switching Wiring Diagram



Five (5) Year Warranty

DURING ENTIRE WARRANTY PERIOD:
FANTECH will repair or replace any part which has a factory defect in workmanship or material. Product may need to be returned to the Fantech factory, together with a copy of the bill of sale and identified with RMA number.

OR FACTORY RETURN YOU MUST:
- Have a Return Materials Authorization (RMA) number. This may be obtained by calling FANTECH either in the USA at 1.800.747.1762 or in CANADA at 1.800.565.3548. Please have bill of sale available.
- The RMA number must be clearly written on the outside of the carton, or the carton will be refused.
- All parts and/or product will be repaired/replaced and shipped back to buyer; no credit will be issued.

OR
The Distributor may place an order for the warranty part and/or product and is invoiced. The Distributor will receive a credit equal to the invoice only after product is returned prepaid and verified to be defective.

FANTECH WARRANTY TERMS DO NOT PROVIDE FOR REPLACEMENT WITHOUT CHARGE PRIOR TO INSPECTION FOR A DEFECT.
REPLACEMENTS ISSUED IN ADVANCE OF DEFECT INSPECTION ARE INVOICED, AND CREDIT IS PENDING INSPECTION OF RETURNED
MATERIAL. DEFECTIVE MATERIAL RETURNED BY END USERS SHOULD NOT BE REPLACED BY THE DISTRIBUTOR WITHOUT CHARGE TO THE END USER, AS CREDIT TO DISTRIBUTOR'S ACCOUNT WILL BE PENDING INSPECTION AND VERIFICATION OF ACTUAL DEFECT BY FANTECH.

THE FOLLOWING WARRANTIES DO NOT APPLY:
- Damages from shipping, either concealed or visible. Claim must be filed with freight company.
- Damages resulting from improper wiring or installation.
- Damages or failure caused by acts of God, or resulting from improper consumer procedures, such as:
  1. Improper maintenance
  2. Misuse, abuse, abnormal use, or accident, and
  3. Incorrect electrical voltage or current.
- Removal or any alteration made on the FANTECH label control number or date of manufacture.
- Any other warranty, expressed, implied or written, and to any consequential or incidental damages, loss or property, revenues, or profit, or costs of removal, installation or reinstallation, for any breach of warranty.

WARRANTY VALIDATION
- The user must keep a copy of the bill of sale to verify purchase date.
- These warranties give you specific legal rights, and are subject to an applicable consumer protection legislation. You may have additional rights which vary from state to state.

Garantie de 5 ans

La présente garantie remplace toutes les garanties antérieures.

DURANT TOUTE LA PÉRIODE DE GARANTIE:
FANTECH, INC. s'engage à réparer ou à remplacer toute pièce présentant un défaut d'usine en matière de qualité d'exécution ou de matériau. Il sera peut être nécessaire de retourner le produit à l'usine FANTECH, accompagné d'une copie du contrat de vente et du numéro d'autorisation de retour.
POUR RETOURNER UN PRODUIT À L'USINE, VOUS DEVEZ:
- Obtenir un numéro d'autorisation de retour; pour ce faire, communiquer avec FANTECH, INC. aux États-Unis au numéro 1 800 747-1762, ou au Canada, au numéro 1 800 565-3548. Veuillez avoir votre contrat de vente à portée de la main.
- S'assurer que le numéro d'autorisation de retour est lisible sur l'extérieur de la boîte, sinon la boîte sera refusée.
- Toutes les pièces et/ou le produit seront réparés ou remplacés puis retournés à l'acheteur. Aucun crédit ne sera accordé.

OU
Le Distributeur peut commander une pièce ou un produit couvert par la garantie; la facture lui sera envoyée. Le distributeur ne sera crédité du montant de sa facture qu'après que le produit a été retourné port payé et qu'il a été trouvé défectueux.
LES TERMES DE LA GARANTIE DE FANTECH NE PRÉVOIENT PAS DE REMPLACEMENT SANS FRAIS AVANT QUE LA PIÈCE OU LE PRODUIT DÉFECTUEUX AIT ÉTÉ INSPECTÉ. LES PRODUITS OU PIÈCES REMPLACÉS AVANT L'INSPECTION DE LA DÉFECTUOSITÉ SERONT FACTURÉS ET LE MONTANT DU CRÉDIT EST FONCTION DE L'INSPECTION DE LA PIÈCE OU DU PRODUIT RETOURNÉ. LE DISTRIBUTEUR NE DOIT PAS REMPLACER SANS FRAIS POUR L'UTILISATEUR FINAL L'ÉQUIPEMENT DÉFECTUEUX RETOURNÉ PAR L'UTILISATEUR FINAL, CAR LE COMPTE DU DISTRIBUTEUR NE SERA CRÉDITÉ QU'APRÈS L'INSPECTION ET LA VÉRIFICATION PAR FANTECH DE LA DÉFECTUOSITÉ.
LES GARANTIES NE S'APPLIQUENT PAS DANS LES CAS SUIVANTS:
- Dommages dus au transport (dissimulés ou visibles). Les réclamations doivent être faites à la compagnie de fret.
- Dommages dus au mauvais câblage ou à l'installation inappropriée.
- Dommages ou défectuosité causés par une calamité naturelle ou résultant d'une procédure irrégulière de l'acheteur, notamment :
  1. Entretien irrégulier
  2. Mauvais usage, usage abusif, usage anormal ou accident
  3. Tension ou courant électrique incorrect
- Enlèvement ou toute modification du numéro de contrôle ou de la date de fabrication de l'étiquette FANTECH
- Toute autre garantie expresse, écrite ou implicite, pour les dommages accidentels ou indirects, perte de biens, de recettes, manque à gagner ou coûts relatifs à la dépose, à l'installation ou à la réinstallation, en cas de violation de garantie.

CERTIFICATION DE LA GARANTIE:
- L'utilisateur doit conserver une copie du contrat de vente pour confirmer la date d'achat.
- Les présentes garanties vous donnent des droits spécifiques reconnus par la loi et sont régies par les lois sur la protection du consommateur appropriées. Il est possible que différents états offrent d'autres droits.

Garantia por cinco (5) años

Esta garantía reemplaza toda otra garantía anterior.

DURANTE EL PERÍODO INTEGRO DE LA GARANTÍA:
FANTECH reparará o reemplazará toda parte que presente un defecto en el material o en la mano de obra. Es posible que el producto deba ser devuelto a la fabrica FANTECH, juntamente con una copia de la constancia de compraventa e identificado con el número de RMA.
PARA DEVOLUCIÓN A FÁBRICA USTED DEBE:
- Tener un número de Autorización de Devolución de Material (RMA). Esto se puede obtener llamando a FANTECH ya sea en los Estados Unidos al 1.800.747.1762
- en Canadá al 1.800.565.3548. Tenga a mano la constancia de compraventa.
- El número de RMA deberá estar claramente escrito en la parte exterior de la caja, de lo contrario la caja será rechazada.
- Todas las partes y/o el producto serán reparados/reemplazados y devueltos al comprador; no se otorgará crédito.

O BIEN
El Distribuidor puede colocar una orden por la parte y/o producto en garantía y facturarla/o. El Distribuidor recibirá un crédito igual a la factura sólo después de que se haya devuelto el producto con pago previo y con verificación de defecto.
LAS CONDICIONES DE LA GARANTÍA DE FANTECH NO CONTEMPLAN EL REEMPLAZO SIN CARGO ANTES DE REALIZAR LA INSPECCIÓN PARA DETECTAR DEFECTOS. LOS REEMPLAZOS EMITIDOS ANTES DE INSPECCIONAR POR DEFECTOS SON FACTURADOS, Y EL CRÉDITO ESTÁ A LA ESPERA DE INSPECCIÓN DEL MATERIAL DEVUELTO. EL MATERIAL DEFECTUOSO DEVUELTO POR LOS USUARIOS FINALES NO DEBERÁ SER REEMPLAZADO POR EL DISTRIBUIDOR SIN CARGO PARA EL USUARIO FINAL, YA QUE EL CRÉDITO DE LA CUENTA DEL DISTRIBUIDOR ESTARÁ A LA ESPERA DE INSPECCIÓN Y VERIFICACIÓN DEL DEFECTO REAL POR FANTECH.
LAS SIGUIENTES GARANTÍAS NO SE APLICAN:
- Daños durante el envío, ya sean encubiertos o visibles. Se deberá presentar el reclamo a la compañía transportadora.
- Daños ocasionados por cableado o instalación indebidos.
- Daños o fallas causados por hechos fortuitos, u ocasionados por procedimientos impropios por parte del usuario, tales como:
  1. Mantenimiento indebido
  2. Uso indebido, abuso, uso anormal o accidente y
  3. Tensión o corriente eléctrica incorrecta.
- Remoción o modificación realizada al número de control del rótulo de FANTECH o de la fecha de fabricación.
- Toda otra garantía, expresa, implícita o escrita, daños y perjuicios, pérdida de propiedad, de ingresos, o de beneficios, o costo de remoción, instalación o reinstalación por incumplimiento de la garantía.

VALIDACIÓN DE LA GARANTÍA
- El usuario debe conservar una copia de la constancia de compraventa para verificar la fecha de compra.
- Estas garantías le otorgan derechos legales específicos, y están sujetas a una legislación aplicable para protección del consumidor. Usted puede tener derechos adicionales que varían de estado en estado.

United States
1712 Northgate Blvd.
Sarasota, FL. 34234
Phone: 800.747.1762; 941.309.6000
Fax: 800.487.9916; 941.309.6099
www.fantech.net; info@fantech.net

Canada
50 Kanalflakt Way
Bouctouche, NB E4S 3M5
Phone: 800.565.3548; 506.743.9500
Fax: 877.747.8116; 506.743.9600
www.fantech.ca; info@fantech.ca

Fantech, reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications to maintain their technological leadership position.

Item #: 401444 • Rev Date: 040605

Fantech

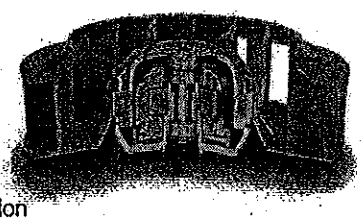
Trust the Industry Standard!

Improved UV resistance!

HP Series Fans
for Radon Applications

Why put your reputation at stake by installing a fan you know won't perform like a Fantech? For nearly twenty years, Fantech has manufactured quality ventilation equipment for Radon applications. Fantech is the fan Radon contractors have turned to in over 1,000,000 successful Radon installations worldwide.

Fantech HP Series Fans Provide the Solutions to meet the challenges of Radon applications:



HOUSING
- UV resistant, UL listed durable plastic
- UL Listed for use in commercial applications
- Factory sealed to prevent leakage
- Watertight electrical terminal box
- Approved for mounting in wet locations - i.e. Outdoors

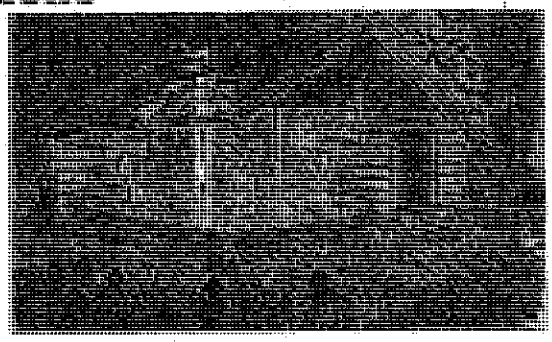
MOTOR
- Totally enclosed for protection
- High efficiency EBM motorized impeller
- Automatic reset thermal overload protection
- Average life expectancy of 7-10 years under continuous load conditions

RELIABILITY
- Five Year Full Factory Warranty
- Over 1,000,000 successful radon installations worldwide

HP Series Fans are specially designed with higher pressure capabilities for Radon Mitigation applications

Fantech

Fantech has developed the HP Series fans specifically to suit the higher pressure capability requirements needed in Radon Mitigation applications. Most Radon Mitigators who previously used the Fantech FR Series fans have switched to the new HP Series.



Performance Data

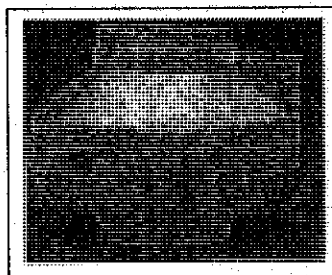
HVI MEMBER™

Performance Curves

Fantech provides you with independently tested performance specifications.

The performance curves shown in this brochure are representative of the actual test results recorded at Texas Engineering Experiment Station/Energy Systems Lab, a recognized testing authority for HVI. Testing was done in accordance with AMCA Standard 210-85 and HVI 915 Test Procedures. Performance graphs show air flow vs. static pressure.

Use of HP Series fans in low resistance applications such as bathroom venting will result in elevated sound levels. We suggest FR Series or other Fantech fans for such applications.

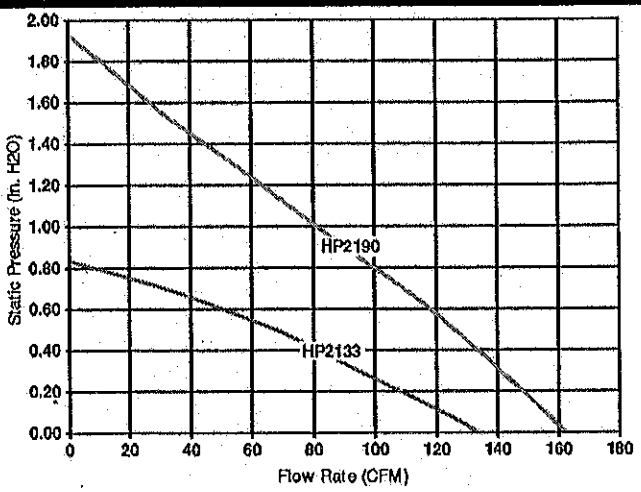


HP FEATURES INCLUDE

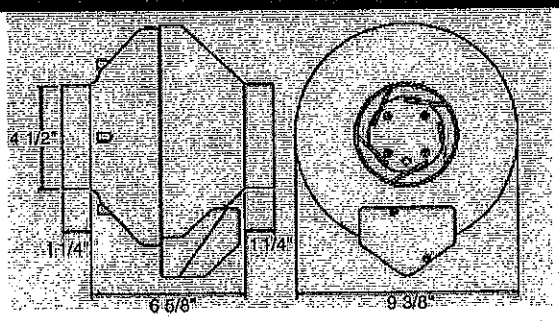
- Improved UV resistant housings approved for commercial applications.
- UL Approved for Wet Locations (Outdoors)
- Sealed housings and wiring boxes to prevent Radon leakage or water penetration
- Energy efficient permanent split capacitor motors
- External wiring box
- Full Three Year Factory Warranty

c UL us

HP2133 and 2190 Radon Mitigation Fans



Tested with 4" ID duct and standard couplings.

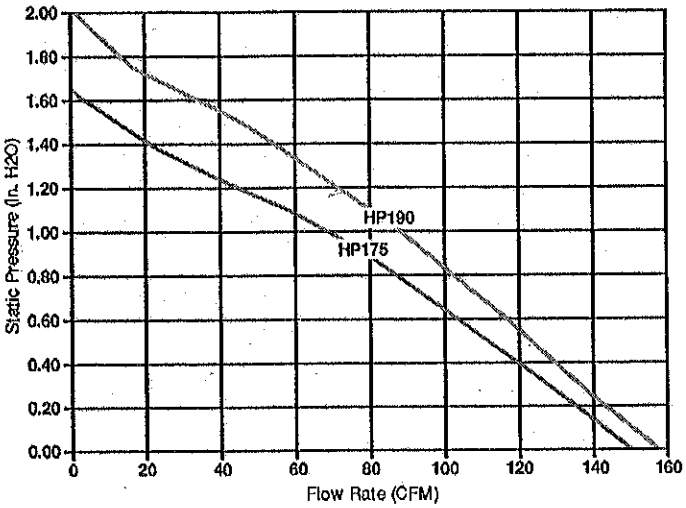


HP2133 – For applications where lower pressure and flow are needed. Record low power consumption of 14-20 watts! Often used where there is good sub slab communication and lower Radon levels.

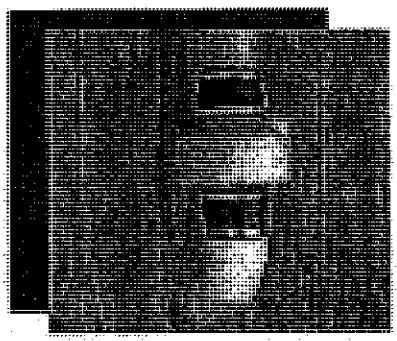
HP2190 – Performance like the HP190 but in a smaller housing. Performance suitable for the majority of installations.

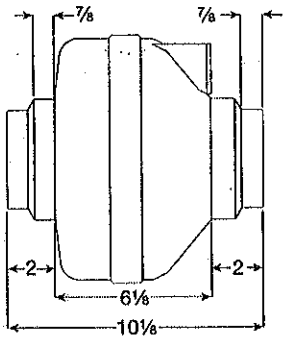
Fans are attached to PVC pipe using flexible couplings.
For 4" PVC pipe use Indiana Seals #156-44, Pipeconx PCX 56-44 or equivalent.
For 3" PVC pipe use Indiana Seals #156-43, Pipeconx PCX 56-43 or equivalent.

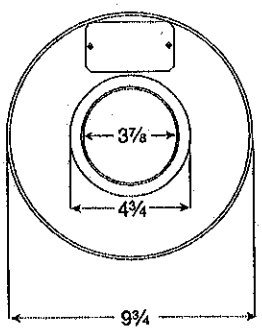
HP175 and HP190 Radon Mitigation Fans



Tested with 4" ID duct and standard couplings.







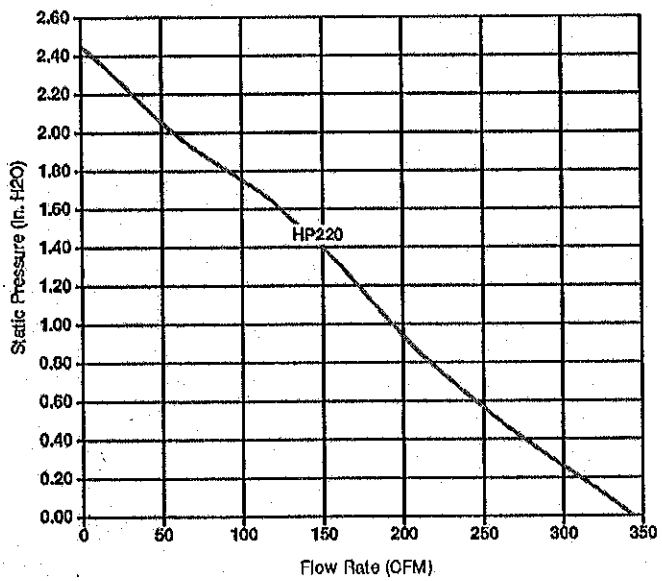
HP175 – The economical choice where slightly less air flow is needed. Often used where there is good sub slab communication and lower Radon levels.

HP190 – The standard for Radon Mitigation. Ideally tailored performance curve for a vast majority of your mitigations.

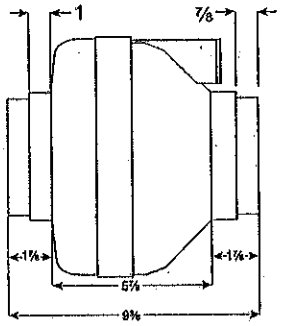
Fans are attached to PVC pipe using flexible couplings.
For 4" PVC pipe use Indiana Seals #151-44, Pipeconx PCX 51-44 or equivalent.

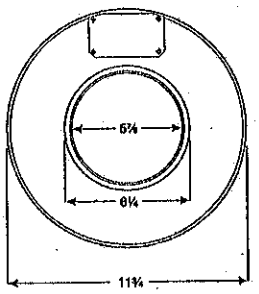
For 3" PVC pipe use Indiana Seals #156-43, Pipeconx PCX 56-43 or equivalent.

HP220 Radon Mitigation Fan



Tested with 6" ID duct and standard couplings.



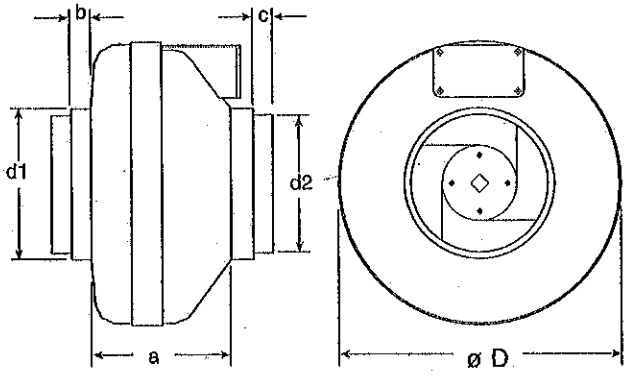


HP 220 – Excellent choice for systems with elevated radon levels, poor communication, multiple suction points and large subslab footprint. Replaces FR 175.

Fans are attached to PVC pipe using flexible couplings.
For 4" PVC pipe use Indiana Seals #156-64, Pipeconx PCX 56-64 or equivalent.

For 3" PVC pipe use Indiana Seals #156-63, Pipeconx PCX 56-63 or equivalent.

The Original Mitigator – Fantech's FR Series Fans



Dimensional Data

model	øD	d1	d2	a	b	c
FR100	9 1/2	3 7/8	4 7/8	6 1/8	7/8	7/8
FR110	9 1/2	3 7/8	4 7/8	6 1/8	7/8	7/8
FR125	9 1/2	–	4 7/8	6 1/8	7/8	–
FR140	11 3/4	5 7/8	6 1/4	5 7/8	1	7/8
FR150	11 3/4	5 7/8	6 1/4	5 7/8	1	7/8
FR160	11 3/4	5 7/8	6 1/4	6 3/8	1	7/8
FR200	13 1/4	7 7/8	9 7/8	6 1/4	1 1/2	1 1/2
FR225	13 1/4	7 7/8	9 7/8	6 1/4	1 1/2	1 1/2
FR250	13 1/4	–	9 7/8	6 1/4	–	1 1/2

All dimensions in inches

Performance Data

Fan Model	Energy Star	RPM	Volts	Rated Watts	Wattage Range	Max. Amps	CFM @ 0"	@ .2"	@ .4"	@ .6"	@ .8"	@ 1.0"	@ 1.2"	Max. Pa	Duct Dia.
FR110	–	2300	115	60	52 - 60	0.72	197	159	131	113	88	63	41	0.62"	4"
FR140	✓	2450	115	81	47 - 62	0.83	214	190	162	132	99	65	–	0.15"	6"
FR160	–	2750	115	123	103 - 130	1.14	259	232	201	168	124	80	32	0.62"	6"
FR200	✓	2150	115	107	111 - 152	1.35	429	409	366	333	287	230	160	0.47"	6"

FR Series performance is shown with ducted outlet. Per HVI's Certified Ratings Program, charted air flow performance has been derated by a factor based on actual test results and the certified rate at .2 inches WG.
* Also available with 8" duct connection. Model FR 250-8. Special Order.

Five (5) Year Warranty

This warranty supersedes all prior warranties

DURING ENTIRE WARRANTY PERIOD:

FANTECH will replace any fan which has a factory defect in workmanship or material. Product may need to be returned to the Fantech factory, together with a copy of the bill of sale and identified with RMA number.

FOR FACTORY RETURN YOU MUST:

- Have a Return Materials Authorization (RMA) number. This may be obtained by calling FANTECH either in the USA at 1.800.747.1762 or in CANADA at 1.800.565.3548. Please have bill of sale available.
- The RMA number must be clearly written on the outside of the carton, or the carton will be refused.
- All parts and/or product will be repaired/replaced and shipped back to buyer; no credit will be issued.

OR

The Distributor may place an order for the warranty fan and is invoiced. The Distributor will receive a credit equal to the invoice only after product is returned prepaid and verified to be defective.

FANTECH WARRANTY TERMS DO NOT PROVIDE FOR REPLACEMENT WITHOUT CHARGE PRIOR TO INSPECTION FOR A DEFECT. REPLACEMENTS ISSUED IN ADVANCE OF DEFECT INSPECTION ARE INVOICED, AND CREDIT IS PENDING INSPECTION OF RETURNED MATERIAL. DEFECTIVE MATERIAL RETURNED BY END USERS SHOULD NOT BE REPLACED BY THE DISTRIBUTOR WITHOUT CHARGE TO THE END USER, AS CREDIT TO DISTRIBUTOR'S ACCOUNT WILL BE PENDING INSPECTION AND VERIFICATION OF ACTUAL DEFECT BY FANTECH.

THE FOLLOWING WARRANTIES DO NOT APPLY:

- Damages from shipping, either concealed or visible. Claim must be filed with freight company.
- Damages resulting from improper wiring or installation.
- Damages or failure caused by acts of God, or resulting from improper consumer procedures, such as:

1. Improper maintenance
2. Misuse, abuse, abnormal use, or accident, and
3. Incorrect electrical voltage or current.

- Removal or any alteration made on the FANTECH label control number or date of manufacture.
- Any other warranty, expressed, implied or written, and to any consequential or incidental damages, loss or property, revenues, or profit, or costs of removal, installation or reinstallation, for any breach of warranty.

WARRANTY VALIDATION

- The user must keep a copy of the bill of sale to verify purchase date.
- These warranties give you specific legal rights, and are subject to an applicable consumer protection legislation. You may have additional rights which vary from state to state.

For more information contact:

Fantech

web: www.fantech.net
e-mail: info@fantech.net

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Bouctouche, NB E4S 3M5
Phone: 800-565-3548; 506-743-9500
Fax: 877-747-8116; 506-743-9600

Distributed by:

Product Data Sheet

GSE UltraFlex Textured

GSE UltraFlex Textured is the coextruded textured version of GSE UltraFlex. It is a high quality, linear low density polyethylene (LLDPE) geomembrane with one or two coextruded, textured surfaces, and consisting of approximately 97.5% polyethylene, 2.5% carbon black and trace amounts of antioxidants and heat stabilizers; no other additives, fillers or extenders are used. The resin used is a specially formulated, proprietary virgin polyethylene and is designed specifically for flexible geomembrane applications. GSE UltraFlex Textured has excellent resistance to UV radiation and is suitable for exposed conditions. This product allows projects with greater slopes to be designed since frictional characteristics are enhanced. *These product specifications meet or exceed GRI GM17.*

Product Specifications

TESTED PROPERTY	TEST METHOD	FREQUENCY	MINIMUM VALUE
Product Code			LUT030A000
Thickness, (minimum average) mil (mm) Lowest individual reading (-10%)	ASTM D 5994	every roll	30 (0.75) 27 (0.68)
Density, g/cm³	ASTM D 1505	200,000 lb	0.92
Tensile Properties (each direction)[1] Strength at Break, lb/in-width (N/mm) Elongation at Break, %	ASTM D 6693, Type IV Dumbell, 2 ipm G.L. = 2.0 in (51 mm)	20,000 lb	 45 (9) 250
Tear Resistance, lb (N)	ASTM D 1004	45,000 lb	16 (70)
Puncture Resistance, lb (N)	ASTM D 4833	45,000 lb	33 (150)
Carbon Black Content, %	ASTM D 1603	20,000 lb	2.0
Carbon Black Dispersion	ASTM D 5596	45,000 lb	+Note 1
Asperity Height	GRI GM 12	second roll	+Note 2
REFERENCE PROPERTY	**TEST METHOD**	**FREQUENCY**	**NOMINAL VALUE**
Oxidative Induction Time, min	ASTM D 3895, 200° C; O_2, 1 atm	200,000 lb	>100
Roll Length[2] (approximate), ft (m)			830 (252)
Roll Width[2], ft (m)			22.5 (6.9)
Roll Area, ft² (m²)			18,675 (1,734)

NOTES:

- +Note 1: Disperson only applies to near spherical agglomerates. 9 of 10 views shall be Category 1 or 2. No more than 1 view from Category 3.
- +Note 2: 10 mil average. 8 of 10 readings ≥7 mils. Lowest individual ≥ 5 mils.
- GSE UltraFlex Textured is available in rolls weighing about 3,000 lb (1,360 kg).
- [1]The combination of stress concentrations due to coextrusion texture geometry and the small specimen size results in large variation of test results. Therefore, these tensile properties are average roll values.
- All GSE geomembranes have dimensional stability of ±2% when tested with ASTM D 1204 and LTB of <-77° C when tested with ASTM D 746.
- [2]Roll lengths and widths have a tolerance of ± 1%.

OTDS UltexText 003 R10/30/07

GSE by current standard minimum quality assurance procedures and specifications.
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North America	GSE Lining Technology, Inc.	Houston, Texas	800.435.2008	281.443.8564	Fax: 281.230.6739
South America	GSE Lining Technology Chile S.A.	Santiago, Chile		56.2.595.4200	Fax: 56.2.595.4290
Asia Pacific	GSE Lining Technology Company Limited	Bangkok, Thailand		66.2.937.0091	Fax: 66.2.937.0097
Europe & Africa	GSE Lining Technology GmbH	Hamburg, Germany		49.40.767420	Fax: 49.40.7674234
Middle East	GSE Lining Technology-Egypt	The 6th of October City, Egypt		20.2.828.8888	Fax: 20.2.828.8889

www.gseworld.com

ATTACHMENT D

PERIODIC INSPECTION SHEETS

LANGAN

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name:	**Date:**
Time IN:	**Time OUT:**

GENERAL

Weather: Temp: Barometric Pressure:

When was the last rain event?

Is this a daily/weekly/monthly system check? (circle one)

Are all system fans operating? Yes / No If no, please list:

Any evidence of system tampering or vandalism?

Were all cleanout and sampling port caps securely attached prior to system testing?

Please list caps that were not secure in place:

FAN OPERATIONS

Location [2]	**PID** ppb	**Methane**[3] %	**LEL** %		**Vacuum below Fan** (" H2O)	**Vacuum at Cleanout** (" H2O)	**Diff Fan - Cleanout** (" H2O)
SVCS Line 1 / SP-2							
SVCS Line 2 / SP-4							
SVCS Line 3 / SP-5							
SVCS Line 4 / SP-6							
SVCS Line 5 / SP-8							
SVCS Line 6 / SP-9							
SVCS Line 7 / SP-11							
SVCS Line 8 / SP-12							

Comments:

Notes:
1. Normal system vacuums range bewtween 0.400" and 1.000" WC. If outside this range, contact Langan.
2. SP locations listed are for the cleanout sample ports that correspond with the end of each line.
3. Any methane levels observed above 3% should be reported to Langan immediately.

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1				SP-9			
SP-2				SP-10			
SP-3				SP-11			
SP-4				SP-12			
SP-5				SP-13			
SP-6				SP-14			
SP-7				SP-15			
SP-8				SP-16			

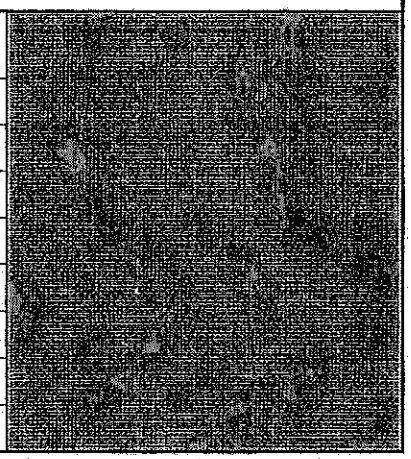
Comments:

Notes:

Inspector Name:	**Date:**
Time IN:	**Time OUT:**

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1		
SVCS Line 2		
SVCS Line 3		
SVCS Line 4		
SVCS Line 5		
SVCS Line 6		
SVCS Line 7		
SVCS Line 8		



Emergency Contact Information

Name	Title	Phone Number
Charles Frattini	Site Superintendent	718-358-7100
Steven Clambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
Marshall King	Langan Senior Engineer	201-794-6900 x4240 (office) 201-981-8555 (cell)
Marcus Simmons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

ATTACHMENT E

PILOT TEST DOCUMENTATION

LANGAN

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Amanda Forsburg	**Date:** 11/20/07, 11/21/07
Time IN: —	**Time OUT:** —

GENERAL

Weather: overcast, breezy Temp: 45°F, 51°F Barometric Pressure: 30.13 in, 30.00 in
When was the last rain event? current
Is this a daily/weekly/monthly system check? (circle one)
Are all system fans operating? Yes / No If no, please list:
Any evidence of system tampering or vandalism? no
Were all cleanout and sampling port caps securely attached prior to system testing? yes
Please list caps that were not secure in place:

FAN OPERATIONS

Location [2]	PID ppb	Methane %	LEL %		Vacuum below Fan (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	254	0	—		-0.525	-0.178	-0.347
SVCS Line 2 / SP-4	191	0	—		-0.539	-0.037	-0.502
SVCS Line 3 / SP-5	1304	0	—		-0.542	-0.01	-0.532
SVCS Line 4 / SP-6	322	0	—		-0.602	-0.017	-0.585
SVCS Line 5 / SP-8	1160	0	—		-0.602	-0.076	-0.526
SVCS Line 6 / SP-9	230	0	—		-0.561	-0.129	-0.432
SVCS Line 7 / SP-11	260	0	—		-0.463	-0.05	-0.413
SVCS Line 8 / SP-12	530	0	—		-0.388	-0.018	-0.370

Comments:

Notes:
1. [redacted]
2. SP locations listed are for the cleanout sample ports that correspond with the end of each line.

VACUUM READINGS

	Vacuum "H_2O	PID ppb	Methane %		Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.001	80 ppm	0	SP-9	-0.129	0	0
SP-2	-0.178	4150	0	SP-10	-0.02	41.3 ppm	0
SP-3	-0.001	21.5 ppm	0	SP-11	-0.05	0	0
SP-4	-0.037	0	0	SP-12	-0.018	0	0
SP-5	-0.01	3	0	SP-13	-0.02	18 ppm	1.1% / 0.2% (checked twice)
SP-6	-0.017	9	0	SP-14	-0.0175	5975	0
SP-7	-0.015	8600	0	SP-15	-0.02	7690	0
SP-8	-0.076	0	0	SP-16	-0.01	115 ppm	0

Table

Pilot Test Vacuum Observations

Former Flushing Town Center SVCS

20 November 2007

Location	Asphalt Cover Thickness (In)	Vacuum
VT-1	12	-0.008
VT-2	12	-0.017
VT-3	8	-0.001
VT-4	0	-0.015
VT-5	11	-0.018
VT-6	—	-0.001
VT-7	4	-0.007
VT-8	11	-0.034
VT-9	15	-0.012
VT-10	9	-0.003
VT-11	10	-0.067
VT-12	12	-0.038
VT-13	9	-0.03
VT-14	12	-0.032
VT-15	6	-0.014
VT-16	6	-0.013
VT-17	13	-0.014

ATTACHMENT F

SYSTEM CERTIFICATION

LANGAN

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ENGINEERING & ENVIRONMENTAL SERVICES

David T. Gockel, P.E., P.P.
George P. Kelley, P.E.
George E. Derrick, P.E.
Michael A. Semeraro, Jr., P.E.
Nicholas De Rose, P.G.
Andrew J. Ciancia, P.E.
George E. Leventis, P.E.
Rudolph P. Frizzi, P.E.
Ronald A. Fuerst, C.L.A.
Colleen Costello, P.G.
Cristina M. González, P.E.
Gerald J. Zambrella, C.E.M.

Jorge H. Berkowitz, Ph.D.
Richard Burrow, P.E.
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Steven Ciambruschini, P.G.
Gerard M. Coscia, P.E.
John C. Cote, P.E.
Michael E. Cotreau, P.E.
Daniel D. Disario, P.E.
Michael M. Goldstein
Sam B. Ishak, M.C.S.E
Robert Y. Koto, P.G.
William G. Lothian, P.E.
Michele E. O'Connor, P.E.
Joseph E. Romano, P.L.S.
Leonard D. Savino, P.E.
Richard R. Steiner, P.E.
Michael Szura, C.L.A., A.S.L.A.
Bryan Waisnor, P.E.

Omar Alsamman, Ph.D., P.E.
Ronald D. Boyer, P.E.

RE: SOIL VAPOR COLLECTION SYSTEM (SVCS) CERTIFICATION
Former Flushing Industrial Park (Parcel 2)
40th Road and College Point Boulevard
Flushing, Queens County, New York
Langan Project No.: 1838804

I, Gerard Coscia, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for design and implementation of the Soil Vapor Collection System for Flushing Industrial Park, Parcel 2 (NYSDEC BCA Index No. W2-1027-04-10 Site No. C241078).

I certify that the implementation of the As-Built Soil Vapor Collection System dated 28 November 2007, signed and stamped by Gerard Coscia, a NYS licensed Professional Engineer with Langan Engineering & Environmental Services, P.C., was observed by qualified professionals under my supervision and that the requirements set forth in the design have been achieved. Copies of the As-Built Soil Vapor Collection System drawings are included as an attachment to the Engineering Controls (EC) Completion Report included in Appendix G of the November 2007 Final Engineering Report submitted by AKRF, Inc, of New York, New York.

I certify that all applicable Engineering Controls and all operation and maintenance requirements applicable to the vapor mitigation system are contained in the attached Engineering Controls (EC) Completion Report dated 28 November 2007. A Site Management Plan has been submitted by the Applicant for the continual and proper operation, maintenance, and monitoring of the vapor mitigation system.

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

Gerard Coscia, P.E.
NYS Professional Engineer #059086-1

11/28/07
Date

Signature

It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 130, New York State Education Law.

GC:mk
Enclosure(s): Soil Vapor Collection System Completion Report

cc: Steven Ciambruschini, Langan
Marshall King, Langan

APPENDIX B

LANGAN SOIL VAPOR MITIGATION SYSTEM ACTIVATION STATUS MEMORANDUM

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Memorandum

River Drive Center 1 Elmwood Park, NJ 07407 T: 201.794.6900 F: 201.794.6913

TO: Cesar Villanueva, Muss Development

FROM: Steven Ciambruschini
Marshall E. King

INFO: Michael Koep, Onex
James Whelan, Muss Development
Vasos Michael, Muss Development
Andrew Bachman, Tishman
Gerard Califano, Tishman
Kathleen Brunner, AKRF
Gerry Coscia, Langan

DATE: 22 January 2009

RE: **Soil Vapor Mitigation System Activation Status Memorandum**
Sky View Parc – 131-07 20th Road
Flushing, Queens, New York
Langan Project No. 001838804

Langan completed the preliminary phase of the pilot test of the sub-slab soil vapor collection (SVC) system following its re-activation this past week. This system had been taken offline during building construction activities at the site in accordance with Langan's Engineering Controls (EC) Completion Report dated 28 November 2007. The system has been re-activated in anticipation of the occupancy of the first floor of the building (opening of a BJ's Wholesale Club).

The system has been modified significantly since submittal of the EC Completion Report and certification. Modifications include:

- The extension of the exhaust stacks to 6-stories above ground level;
- The addition of a second inline fan to each stack near the top of each stack;
- The reinstallation of the polyethylene vapor barrier in the northern half of the building footprint;
- The installation of a waterproofing course (secondary vapor barrier) to the underside of the building slab; and
- Modifications to the number and location of clean-outs and sampling ports (SP).

Langan has prepared this memorandum to document the current status and operation of the SVC system. A revised EC Completion Report documenting these modifications will be submitted subsequent to completion of building construction activities.

System Pilot Testing

Muss Development personnel turned on the SVC systems inline fans on 19 January 2010. Langan conducted confirmation (pilot) testing of the SVC system while in active mode on 20 January 2010. Confirmation testing consisted of measuring the vacuum at the 16 fan locations and 11 permanent monitoring/sampling ports using a digital micro-manometer and magnahelic differential pressure gauges. A copy of the system inspection log is attached.

At the fans, vacuum measurements varying from -1.40 inches water column (wc) at Fan-4B (Line 4) to -5.60 inches wc at Fan-7A (Line 7) were observed. Based on our calculations and the inline fan manufacturer's specifications, these vacuums correspond to average flow rates between 60 to 150 cubic feet per minute (cfm) of soil vapor per fan or a total system flow rate of 480 to 800 cfm. Measurable vacuums were observed at the endpoint cleanout sampling ports in six of the eight pipe runs, varying between -0.042 (Line 7) to -0.091 (Line 4) inches wc. Measurements could not be obtained from the two remaining cleanouts, as these were lost during construction of the building's loading docks. Measurable vacuums were also observed in the five permanent perimeter sampling ports. These monitoring ports represent the farthest points from the perforated SVC system pipe runs. The vacuum measurements demonstrated that the SVCS system is properly operating and that negative pressures are being maintained in the gravel layer beneath the vapor barrier.

It should be noted that system performance may be affected by daily weather conditions. The vacuum measurements discussed above were collected during cold weather conditions on a clear day with falling barometric pressures.

Langan also conducted screening of volatile organic vapors and methane gas using a PID (ppb mini-RAE) and a landfill gas meter (Landtech GEM 200). Volatile organic vapors were measured varying in concentration from 64 to 4,320 ppb in the SVCS piping, with the highest readings found in SP-11. At this time the spikes in concentration observed in the SVC system piping can be primarily attributed to use of cleaning solvents and adhesives to connect the piping during system construction. Over time as the system operates, the contributions of these sources to the volatile organic fraction of the system exhaust are expected to diminish. . Methane was not detected at any of the sampling or exhaust points during the pilot test.

Permitting

System emissions are to be tested by AKRF during this pilot phase. The analytical data should be compared to the emissions standards in the NYSDEC publication "Air Guide 1" to assess the need for treatment units as part of the vapor mitigation system. Under the NYSDEC

Brownfield Cleanup Program, air permit requirements are waived provided that substantive requirements are met. AKRF will collect air samples from the sampling ports and fan exhaust as outlined in their SMP to confirm substantive requirements of air permitting are met.

Conclusions

Based on Langan site inspections and testing completed to date, the SVC system is operating and effectively moving air throughout the subslab of the building. All sixteen inline venting fans have been installed and activated and temporary repairs have been completed to the unfinished system components. Based on data gathered during Langan's system inspection on 20 January 2010, the SVC system (in this temporary modified configuration) is meeting performance expectations. As per the NYSDEC-approved Site Management Plan (SMP) submitted by AKRF, weekly system inspections should be completed for the first month of operation, followed by two monthly inspections, then quarterly inspections thereafter. Langan may recommend continuing weekly system inspections after the first month to confirm the effectiveness of the temporary system repairs until such time as the permanent system repairs are completed. This recommendation will depend on system performance and site management practices as they relate to protection of SVC system components and temporary repairs.

As previously stated in the EC Completion Report, the SVCS should not be turned off without written approval by NYSDEC and NYSDOH and even temporary suspensions require approval from NYSDEC and NYSDOH after building occupancy. In order to determine whether the system can be converted to passive venting (i.e., without operating the in-line fans) during building occupancy, a separate sampling protocol will be established by Langan for approval by NYSDEC and NYSDOH. During building occupancy, systems should remain in place and operational until permission to discontinue use is provided in writing by NYSDEC and NYSDOH.

As identified previously, Langan will issue a revised EC Completion Report and formally certify as-built plans for the system upon completion of building construction and installation of remaining SVC system components in their final configuration, including several sampling ports and vacuum line clean-out terminations.

Please call with any questions.

Attachment: System Inspection Log

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Marshall King	Date: 1/20/2010
Time IN: 13:30	Time OUT: 20:30

GENERAL

Weather: Mostly Sunny Temp: 42°F (max) Barometric Pressure: 29.83 in Hg and rising

When was the last rain event? Trace precip on 1/19/2010; Last measurable 1/17/2010.

Is this a daily/(weekly)/monthly system check? (circle one)

Are all system fans operating? (Yes) No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing? YES

Please list caps that were not secure in place: N/A

FAN OPERATIONS

Location [2]	PID ppb	Methane[3] %	LEL %	Vacuum below Fan B (" H2O)	Vacuum below Fan A (" H2O)	Vacuum at Cleanout (" H2O)	Diff Fan - Cleanout (" H2O)
SVCS Line 1 / SP-2	—	—	—	-1.80	-3.40	---	—
SVCS Line 2 / SP-4	—	—	—	-2.20	-4.40	---	—
SVCS Line 3 / SP-5	—	—	—	-2.60	-5.20	-0.076	5.124
SVCS Line 4 / SP-6	—	—	—	-1.40	-2.20	-0.091	2.109
SVCS Line 5 / SP-8	0	0.0	0	-2.75	-5.42	-0.054	5.366
SVCS Line 6 / SP-9	0	0.0	0	-2.80	-5.40	-0.067	5.333
SVCS Line 7 / SP-11	0	0.0	0	-2.80	-5.60	-0.042	5.558
SVCS Line 8 / SP-12	0	0.0	0	-2.75	-5.40	-0.050	5.350

Comments:
ACCESS WAS NOT AVAILABLE TO THE EXHAUST POINTS FOR LINES 1, 2, 3, & 4.
FAN SWITCH PANEL LIGHTS – SOUTH STAIRCASE – ONE LIGHT OUT, ALL FANS ARE RUNNING THOUGH
– NORTH STAIRCASE – TWO LIGHTS OUT, ALL FANS ARE RUNNING THOUGH

Notes:
1. Normal system vacuums range between 1.000" and 6.000" WC. If outside this range, contact Langan.
2. SP locations listed are for the cleanout sample ports that correspond with the end of each line.
3. Any methane levels observed above 1.25% should be reported to Langan immediately.

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	-0.010	833		SP-9	-0.067	1717	0
SP-2	---	---	---	SP-10	-0.041	140	0
SP-3	---	---	---	SP-11	-0.042	4320	0
SP-4	---	---	---	SP-12	-0.050	2355	0
SP-5	-0.076	412	0	SP-13	---	---	---
SP-6	-0.091	524	0	SP-14	-0.000	140	0
SP-7	---	---	---	SP-15	-0.091	64	0
SP-8	-0.054	236	0	SP-16	-0.085	264	0

Comments:
SP's WITHOUT MEASUREMENTS WERE LOST DURING BUILDING CONSTRUCTION ACTIVITIES.

Notes:
SP-14 APPEARS TO HAVE BEEN MODIFIED AND POSSIBLY DAMAGED DURING BUILDING CONSTRUCTION ACTIVITIES.

Inspector Name:	—	**Date:**	—
Time IN:	—	**Time OUT:**	—

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	—

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
Marshall King	Langan Senior Engineer	201-794-6900 x4240 (office) 201-981-8555 (cell)
Marcus Simmons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

APPENDIX C

PERIODIC INSPECTION/SAMPLING LOG FORMS

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

Inspector Name: Kathleen Blessing	Date: 2-3-10
Time IN: 1100	Time OUT: 1430

GENERAL

Weather: partly cloudy, windy Temp: 38.6°F Barometric Pressure: 29.98

When was the last rain event? 1-2" snow previous night

Is this a daily/weekly/monthly system check? (circle one)

Are all system fans operating? (Yes) / No If no, please list:

Any evidence of system tampering or vandalism? NO

Were all cleanout and sampling port caps securely attached prior to system testing?

Please list caps that were not secure in place:

FAN OPERATIONS

Location [2]	Exhaust PID (ppb)	Exhaust Methane[3] %	Exhaust LEL %	Vacuum below Fan B ("H2O)	Vacuum below Fan A ("H2O)	Vacuum at Cleanout ("H2O)	Diff Fan - Cleanout ("H2O)
SVCS Line 1 / SP-2	—	—	—	-1.8 - -2.4	-2.1 - -5.8	--	
SVCS Line 2 / SP-4	—	—	—	-2.0 - -2.8	-3.0 - -6.0	--	
SVCS Line 3 / SP-5	—	—	—	-2.50	-5.0	-0.020	
SVCS Line 4 / SP-6	—	—	—	-2.0 - -3.0	-4.0 - -8.0	-0.030	
SVCS Line 5 / SP-8	0	0	0	-2.5	-5.1	-0.012	
SVCS Line 6 / SP-9	0	0	0	-2.9	-5.1	-0.240	
SVCS Line 7 / SP-11	0	0	0	-2.9	-5.1	-0.080	
SVCS Line 8 / SP-12	0	0	0	-2.9	-5.0	-0.120	

Comments:
NO access to exhaust Pts lines 1, 2, 3 + 4
Lightabove 2B at
No lights present above 5+6B
Ranges are provided ~~wheabve~~ when gauge is fluctuating

Notes:
1. ***Normal system vacuums range between 1.000" and 6.000" WC as measured from the sample ports located below each fan. If measurements are outside this range, contact Langan.***
2. ***SP locations listed are for the cleanout sample ports that correspond with the end of each line.***
3. ***Any methane levels observed above 1.25% should be reported to Langan immediately.***

PERIODIC INSPECTION LOG
SOIL VAPOR COLLECTION SYSTEM (SVCS)
FLUSHING INDUSTRIAL PARK, 40TH ROAD AND COLLEGE POINT BOULEVARD, FLUSHING, NEW YORK

VACUUM READINGS

Location	Vacuum "H_2O	PID ~~ppb~~ *	Methane %	Location	Vacuum "H_2O	PID ~~ppb~~ *	Methane %
SP-1	-0.130	0	0	SP-9	-0.240	0	0
SP-2	---	---	---	SP-10	-0.070	0	0
SP-3	---	---	---	SP-11	-0.080	0	0
SP-4	---	---	---	SP-12	-0.120	0	0
SP-5	-0.020	0	0	SP-13	---	---	---
SP-6	-0.030	0	0	SP-14	---	---	---
SP-7	---	---	---	SP-15	---	---	---
SP-8	-0.012	0	0	SP-16	-0.00	0	0

Comments:
* ppb Ray not working - appears to have taken in moisture therefore SP-14, 15 + 16 are measured in ppb and the rest had to be measured in ppm

Notes:
SP's w/o measurements lost during construction activities.
- SP-14 + SP-15 inaccessible due to shopping carts

Inspector Name:	**Date:**
Time IN:	**Time OUT:**

SOIL VAPOR SAMPLES

	PID Readings (ppb)	Laboratory Sample ID (method TO-15)
SVCS Line 1	—	—
SVCS Line 2	—	—
SVCS Line 3	—	—
SVCS Line 4	—	—
SVCS Line 5	—	—
SVCS Line 6	—	—
SVCS Line 7	—	—
SVCS Line 8	—	—

Emergency Contact Information

Name	Title	Phone Number
Vasos Michael	Site Superintendent	718-358-7100 347-738-0313 (cell)
Steven Ciambruschini	Langan Senior Associate	201-794-6900 (office) 201-398-4549 (direct)
Marshall King	Langan Senior Engineer	201-398-4570 (office) 201-981-8555 (cell)
Marcus Simmons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM

Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

Inspector Name: Steve Grens	**Date: 2/8/10**
Time IN: 1200	**Time OUT: 1600**

GENERAL

Weather: clear Temperature: 30.2F Barometric Pressure: 29.92

When was the last rain event? 2/6/10: 0.04' on rain

Are all system fans operating? Yes

If no, please list:

Any evidence of system tampering, vandalism or damage? No

Were all cleanout and sampling port caps securely attached prior to system testing? SP-15 and SP-16 need modified caps for the flush mounts.

If no, please list sampling port and corrective action: NONE.

FAN OPERATIONS

Location [2]	**PID ppb**	**Methane** [3] **%**	**LEL %**	**Vacuum Below Fan A "H_2O**	**Vacuum Below Fan B "H_2O**	**acuum at Fa Cleanout "H_2O**
SVCS Line 1 / SP-2	0.5	0	0	-2 to -6	-2 to -3	NA
SVCS Line 2 / SP-4	0	0	0	-2 to -6	-2 to -3	NA
SVCS Line 3 / SP-5	0.2	0	0	-5.2	-2.8	NA
SVCS Line 4 / SP-6	0.1	0	0	-3 to -8	-2 to -4	NA
SVCS Line 5 / SP-8	0	0	0	-5.8	-3	NA
SVCS Line 6 / SP-9	0	0	0	-5.8	-2.9	NA
SVCS Line 7 / SP-11	0	0	0	-5.8	-3	NA
SVCS Line 8 / SP-12	0	0	0	-5.8	-3	NA

Comments: "A" Fans are on the 1st Floor; "B" Fans are on the 4th. Vacuum on Lines 1A through 4A flucuate, giving a range of vacuum readings. Fan 2B is on but the light is not working.

Notes:
1. Normal system vacuums range between 0.400" abd 1.000" H2O. If outside this range, contact Langan.
2. SP locations listed are for the cleanout sample ports that correspond with the end of each line.
3. Any methane levels above 3% should be reported to Langan immediately.

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM
Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

VACUUM READINGS

Location	Vacuum "H_2O	PID ppm	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	0.08	0	0	SP-9	0.05	0	0
SP-2	NA	NA	NA	SP-10	0.03	0	0
SP-3	NA	NA	NA	SP-11	.0.4	0	0
SP-4	NA	NA	NA	SP-12	0.13	0	0
SP-5	0	0	0	SP-13	NA	NA	NA
SP-6	0.04	0	0	SP-14	0.03	0	0
SP-7	NA	NA	NA	SP-15	0.01	0	0
SP-8	0.07	0	0	SP-16	0	0	0

Comments:

VAPOR SAMPLES (Quarterly)

Location	PID/CH4 Readings (ppm/%)	Laboratory Sample ID (Method TO-15)	Start/End Time	Vacuum Start/Stop "H2O	Cannister/ Flow Controller ID
SVCS Line 1	0.5/0%	CE-VAPOR-1	1400/1418	-29.9 to -5	3427/4977
SVCS Line 2	0/0%	CE-VAPOR-2	1413/1430	-30 to -13	2737/4600
SVCS Line 3	0.2/0%	CE-VAPOR-3	1419/1435	-30 to -16	2632/4708
SVCS Line 4	0.1/0%	CE-VAPOR-4	1426/1442	-30 to -20	4127/4685
SVCS Line 5	0/0%	CE-VAPOR-5	1529/1545	-30 to -12	4611/4910
SVCS Line 6	0/0%	CE-VAPOR-6	1529/1545	-30 to 0	3405/4687
SVCS Line 7	0/0%	CE-VAPOR-7	1530/1546	-29.3 to -4	3571/4689
SVCS Line 8	0/0%	CE-VAPOR-8	1530/1546	-30 to -12	4873/4621

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM

Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

Ambient Air	NA	CE-AA	1445/1501	-30 to -12	4430/4702

Emergency Contact Information

Name	Title	Contact Number
Vasos Michael	Skyview Parc Project Executive	718-358-7100
Marcus Simons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)
Marshall King/ Steven Ciambruschini	Langan Project Engineers	201-794-6900 (office) 201-981-8555 (King cell)

APPENDIX D

LABORATORY ANALYTICAL RESULTS (CD)

TestAmerica
South Burlington, VT

Extended Data Package

NY135909

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

February 25, 2010

Ms. Kate Brunner
AKRF, Inc.
440 Park Avenue South
7th floor
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY135909

Dear Ms. Brunner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on February 10th, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 02/10/10 ETR No: 135909		
820120	CE-VAPOR-1	02/08/10	AIR
820121	CE-VAPOR-2	02/08/10	AIR
820122	CE-VAPOR-3	02/08/10	AIR
820123	CE-VAPOR-4	02/08/10	AIR
820124	CE-AA	02/08/10	AIR
820125	CE-VAPOR-5	02/08/10	AIR
820126	CE-VAPOR-6	02/08/10	AIR
820127	CE-VAPOR-7	02/08/10	AIR
820128	CE-VAPOR-8	02/08/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for several of the samples referenced above were accomplished at dilution based on screen analyses due to the presence of target or non-target analytes at high concentrations.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

Chain of Custody **23**

QC Summary TO-15 Volatile **26**

Supportive Documentation TO-15 Volatile **34**

Standards TO-15 Volatile **208**

Raw QC Data TO-15 Volatile **266**

Sample Preparation TO-15 Volatile **286**

Sample Handling **293**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820120

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.7	U	1.7	8.4	U	8.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.67	U	0.67	4.7	U	4.7
Chloromethane	74-87-3	1.7	U	1.7	3.5	U	3.5
Vinyl Chloride	75-01-4	0.67	U	0.67	1.7	U	1.7
1,3-Butadiene	106-99-0	1.7	U	1.7	3.8	U	3.8
Bromomethane	74-83-9	0.67	U	0.67	2.6	U	2.6
Chloroethane	75-00-3	1.7	U	1.7	4.5	U	4.5
Bromoethene	593-60-2	0.67	U	0.67	2.9	U	2.9
Trichlorofluoromethane	75-69-4	0.67	U	0.67	3.8	U	3.8
Freon TF	76-13-1	0.67	U	0.67	5.1	U	5.1
1,1-Dichloroethene	75-35-4	0.67	U	0.67	2.7	U	2.7
Acetone	67-64-1	17	U	17	40	U	40
Isopropyl Alcohol	67-63-0	64		17	160		42
Carbon disulfide	75-15-0	1.7	U	1.7	5.3	U	5.3
3-Chloropropene	107-05-1	1.7	U	1.7	5.3	U	5.3
Methylene chloride	75-09-2	1.9		1.7	6.6		5.9
tert-Butyl Alcohol	75-65-0	17	U	17	52	U	52
Methyl tert-Butyl Ether	1634-04-4	1.7	U	1.7	6.1	U	6.1
trans-1,2-Dichloroethene	156-60-5	0.67	U	0.67	2.7	U	2.7
n-Hexane	110-54-3	1.7	U	1.7	6.0	U	6.0
1,1-Dichloroethane	75-34-3	0.67	U	0.67	2.7	U	2.7
Methyl Ethyl Ketone	78-93-3	1.7	U	1.7	5.0	U	5.0
cis-1,2-Dichloroethene	156-59-2	0.67	U	0.67	2.7	U	2.7
1,2-Dichloroethene,Total	540-59-0	0.67	U	0.67	2.7	U	2.7
Chloroform	67-66-3	0.67	U	0.67	3.3	U	3.3
Tetrahydrofuran	109-99-9	17	U	17	50	U	50
1,1,1-Trichloroethane	71-55-6	0.67	U	0.67	3.7	U	3.7
Cyclohexane	110-82-7	1.3		0.67	4.5		2.3
Carbon tetrachloride	56-23-5	0.67	U	0.67	4.2	U	4.2
2,2,4-Trimethylpentane	540-84-1	0.67	U	0.67	3.1	U	3.1
Benzene	71-43-2	0.81		0.67	2.6		2.1
1,2-Dichloroethane	107-06-2	0.67	U	0.67	2.7	U	2.7
n-Heptane	142-82-5	6.7		0.67	27		2.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820120

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.67	U	0.67	3.6	U	3.6
1,2-Dichloropropane	78-87-5	0.67	U	0.67	3.1	U	3.1
1,4-Dioxane	123-91-1	17	U	17	61	U	61
Bromodichloromethane	75-27-4	0.67	U	0.67	4.5	U	4.5
cis-1,3-Dichloropropene	10061-01-5	0.67	U	0.67	3.0	U	3.0
Methyl Isobutyl Ketone	108-10-1	1.7	U	1.7	7.0	U	7.0
Toluene	108-88-3	4.2		0.67	16		2.5
trans-1,3-Dichloropropene	10061-02-6	0.67	U	0.67	3.0	U	3.0
1,1,2-Trichloroethane	79-00-5	0.67	U	0.67	3.7	U	3.7
Tetrachloroethene	127-18-4	0.67	U	0.67	4.5	U	4.5
Methyl Butyl Ketone	591-78-6	1.7	U	1.7	7.0	U	7.0
Dibromochloromethane	124-48-1	0.67	U	0.67	5.7	U	5.7
1,2-Dibromoethane	106-93-4	0.67	U	0.67	5.1	U	5.1
Chlorobenzene	108-90-7	0.67	U	0.67	3.1	U	3.1
Ethylbenzene	100-41-4	3.6		0.67	16		2.9
Xylene (m,p)	1330-20-7	6.8		1.3	30		5.6
Xylene (o)	95-47-6	5.3		0.67	23		2.9
Xylenes, Total	1330-20-7	12		0.67	52		2.9
Styrene	100-42-5	0.77		0.67	3.3		2.9
Bromoform	75-25-2	0.67	U	0.67	6.9	U	6.9
1,1,2,2-Tetrachloroethane	79-34-5	0.67	U	0.67	4.6	U	4.6
4-Ethyltoluene	622-96-8	2.0		0.67	9.8		3.3
1,3,5-Trimethylbenzene	108-67-8	4.8		0.67	24		3.3
2-Chlorotoluene	95-49-8	0.67	U	0.67	3.5	U	3.5
1,2,4-Trimethylbenzene	95-63-6	3.1		0.67	15		3.3
1,3-Dichlorobenzene	541-73-1	3.4		0.67	20		4.0
1,4-Dichlorobenzene	106-46-7	0.67	U	0.67	4.0	U	4.0
1,2-Dichlorobenzene	95-50-1	0.67	U	0.67	4.0	U	4.0
1,2,4-Trichlorobenzene	120-82-1	1.7	U	1.7	13	U	13
Hexachlorobutadiene	87-68-3	0.67	U	0.67	7.1	U	7.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 820121

Date Analyzed: 2/16/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	7.6		5.0	20		13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	58		50	140		120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0		2.0	6.9		6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	8.5		2.0	40		9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	7.4		2.0	30		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 820121

Date Analyzed: 2/16/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.4		2.0	9.0		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	3.3		2.0	14		8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	5.2		2.0	23		8.7
Xylenes, Total	1330-20-7	5.2		2.0	23		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	6.0		2.0	29		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	3.9		2.0	23		12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820122

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.7	U	1.7	8.4	U	8.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.67	U	0.67	4.7	U	4.7
Chloromethane	74-87-3	1.7	U	1.7	3.5	U	3.5
Vinyl Chloride	75-01-4	0.67	U	0.67	1.7	U	1.7
1,3-Butadiene	106-99-0	1.7	U	1.7	3.8	U	3.8
Bromomethane	74-83-9	0.67	U	0.67	2.6	U	2.6
Chloroethane	75-00-3	1.7	U	1.7	4.5	U	4.5
Bromoethene	593-60-2	0.67	U	0.67	2.9	U	2.9
Trichlorofluoromethane	75-69-4	0.67	U	0.67	3.8	U	3.8
Freon TF	76-13-1	0.67	U	0.67	5.1	U	5.1
1,1-Dichloroethene	75-35-4	0.67	U	0.67	2.7	U	2.7
Acetone	67-64-1	58		17	140		40
Isopropyl Alcohol	67-63-0	86		17	210		42
Carbon disulfide	75-15-0	1.7	U	1.7	5.3	U	5.3
3-Chloropropene	107-05-1	1.7	U	1.7	5.3	U	5.3
Methylene chloride	75-09-2	1.7	U	1.7	5.9	U	5.9
tert-Butyl Alcohol	75-65-0	17	U	17	52	U	52
Methyl tert-Butyl Ether	1634-04-4	1.7	U	1.7	6.1	U	6.1
trans-1,2-Dichloroethene	156-60-5	0.67	U	0.67	2.7	U	2.7
n-Hexane	110-54-3	1.7	U	1.7	6.0	U	6.0
1,1-Dichloroethane	75-34-3	0.67	U	0.67	2.7	U	2.7
Methyl Ethyl Ketone	78-93-3	35		1.7	100		5.0
cis-1,2-Dichloroethene	156-59-2	0.67	U	0.67	2.7	U	2.7
1,2-Dichloroethene,Total	540-59-0	0.67	U	0.67	2.7	U	2.7
Chloroform	67-66-3	0.67	U	0.67	3.3	U	3.3
Tetrahydrofuran	109-99-9	21		17	62		50
1,1,1-Trichloroethane	71-55-6	0.67	U	0.67	3.7	U	3.7
Cyclohexane	110-82-7	0.67	U	0.67	2.3	U	2.3
Carbon tetrachloride	56-23-5	0.67	U	0.67	4.2	U	4.2
2,2,4-Trimethylpentane	540-84-1	0.67	U	0.67	3.1	U	3.1
Benzene	71-43-2	0.67	U	0.67	2.1	U	2.1
1,2-Dichloroethane	107-06-2	0.67	U	0.67	2.7	U	2.7
n-Heptane	142-82-5	0.88		0.67	3.6		2.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 820122

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.67	U	0.67	3.6	U	3.6
1,2-Dichloropropane	78-87-5	0.67	U	0.67	3.1	U	3.1
1,4-Dioxane	123-91-1	17	U	17	61	U	61
Bromodichloromethane	75-27-4	0.67	U	0.67	4.5	U	4.5
cis-1,3-Dichloropropene	10061-01-5	0.67	U	0.67	3.0	U	3.0
Methyl Isobutyl Ketone	108-10-1	1.7	U	1.7	7.0	U	7.0
Toluene	108-88-3	3.6		0.67	14		2.5
trans-1,3-Dichloropropene	10061-02-6	0.67	U	0.67	3.0	U	3.0
1,1,2-Trichloroethane	79-00-5	0.67	U	0.67	3.7	U	3.7
Tetrachloroethene	127-18-4	0.67		0.67	4.5		4.5
Methyl Butyl Ketone	591-78-6	1.7	U	1.7	7.0	U	7.0
Dibromochloromethane	124-48-1	0.67	U	0.67	5.7	U	5.7
1,2-Dibromoethane	106-93-4	0.67	U	0.67	5.1	U	5.1
Chlorobenzene	108-90-7	0.67	U	0.67	3.1	U	3.1
Ethylbenzene	100-41-4	1.9		0.67	8.3		2.9
Xylene (m,p)	1330-20-7	5.5		1.3	24		5.6
Xylene (o)	95-47-6	3.1		0.67	13		2.9
Xylenes, Total	1330-20-7	8.7		0.67	38		2.9
Styrene	100-42-5	0.76		0.67	3.2		2.9
Bromoform	75-25-2	0.67	U	0.67	6.9	U	6.9
1,1,2,2-Tetrachloroethane	79-34-5	0.67	U	0.67	4.6	U	4.6
4-Ethyltoluene	622-96-8	0.73		0.67	3.6		3.3
1,3,5-Trimethylbenzene	108-67-8	1.3		0.67	6.4		3.3
2-Chlorotoluene	95-49-8	0.67	U	0.67	3.5	U	3.5
1,2,4-Trimethylbenzene	95-63-6	2.1		0.67	10		3.3
1,3-Dichlorobenzene	541-73-1	5.7		0.67	34		4.0
1,4-Dichlorobenzene	106-46-7	0.67	U	0.67	4.0	U	4.0
1,2-Dichlorobenzene	95-50-1	0.67	U	0.67	4.0	U	4.0
1,2,4-Trichlorobenzene	120-82-1	1.7	U	1.7	13	U	13
Hexachlorobutadiene	87-68-3	0.67	U	0.67	7.1	U	7.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 9.97

Sample Matrix: AIR

Lab Sample No.: 820123

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	280		50	690		120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.5		5.0	19		17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.1		2.0	8.6		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 9.97

Sample Matrix: AIR

Lab Sample No.: 820123

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	6.8		2.0	26		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	5.5		4.0	24		17
Xylene (o)	95-47-6	2.6		2.0	11		8.7
Xylenes, Total	1330-20-7	8.2		2.0	36		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	5.6		2.0	34		12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820124

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.64		0.50	1.3		1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.26		0.20	1.5		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0		5.0	12		12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	2.3		0.50	8.0		1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.93		0.50	3.3		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.32		0.20	1.0		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820124

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	1.4		0.20	5.3		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.21		0.20	0.91		0.87
Xylene (m,p)	1330-20-7	0.66		0.40	2.9		1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.67		0.20	2.9		0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 2.27

Sample Matrix: AIR

Lab Sample No.: 820125

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.1	U	1.1	5.4	U	5.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.45	U	0.45	3.1	U	3.1
Chloromethane	74-87-3	1.1	U	1.1	2.3	U	2.3
Vinyl Chloride	75-01-4	0.45	U	0.45	1.2	U	1.2
1,3-Butadiene	106-99-0	1.1	U	1.1	2.4	U	2.4
Bromomethane	74-83-9	0.45	U	0.45	1.7	U	1.7
Chloroethane	75-00-3	1.1	U	1.1	2.9	U	2.9
Bromoethene	593-60-2	0.45	U	0.45	2.0	U	2.0
Trichlorofluoromethane	75-69-4	0.45	U	0.45	2.5	U	2.5
Freon TF	76-13-1	0.45	U	0.45	3.4	U	3.4
1,1-Dichloroethene	75-35-4	0.45	U	0.45	1.8	U	1.8
Acetone	67-64-1	30		11	71		26
Isopropyl Alcohol	67-63-0	62		11	150		27
Carbon disulfide	75-15-0	1.2		1.1	3.7		3.4
3-Chloropropene	107-05-1	1.1	U	1.1	3.4	U	3.4
Methylene chloride	75-09-2	1.1	U	1.1	3.8	U	3.8
tert-Butyl Alcohol	75-65-0	11	U	11	33	U	33
Methyl tert-Butyl Ether	1634-04-4	1.1	U	1.1	4.0	U	4.0
trans-1,2-Dichloroethene	156-60-5	0.45	U	0.45	1.8	U	1.8
n-Hexane	110-54-3	3.0		1.1	11		3.9
1,1-Dichloroethane	75-34-3	0.45	U	0.45	1.8	U	1.8
Methyl Ethyl Ketone	78-93-3	2.9		1.1	8.6		3.2
cis-1,2-Dichloroethene	156-59-2	0.45	U	0.45	1.8	U	1.8
1,2-Dichloroethene,Total	540-59-0	0.45	U	0.45	1.8	U	1.8
Chloroform	67-66-3	0.49		0.45	2.4		2.2
Tetrahydrofuran	109-99-9	11	U	11	32	U	32
1,1,1-Trichloroethane	71-55-6	0.45	U	0.45	2.5	U	2.5
Cyclohexane	110-82-7	0.45	U	0.45	1.5	U	1.5
Carbon tetrachloride	56-23-5	0.45	U	0.45	2.8	U	2.8
2,2,4-Trimethylpentane	540-84-1	0.45	U	0.45	2.1	U	2.1
Benzene	71-43-2	0.97		0.45	3.1		1.4
1,2-Dichloroethane	107-06-2	0.45	U	0.45	1.8	U	1.8
n-Heptane	142-82-5	0.56		0.45	2.3		1.8

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 2.27

Sample Matrix: AIR

Lab Sample No.: 820125

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.45	U	0.45	2.4	U	2.4
1,2-Dichloropropane	78-87-5	0.45	U	0.45	2.1	U	2.1
1,4-Dioxane	123-91-1	11	U	11	40	U	40
Bromodichloromethane	75-27-4	0.45	U	0.45	3.0	U	3.0
cis-1,3-Dichloropropene	10061-01-5	0.45	U	0.45	2.0	U	2.0
Methyl Isobutyl Ketone	108-10-1	1.1	U	1.1	4.5	U	4.5
Toluene	108-88-3	15		0.45	57		1.7
trans-1,3-Dichloropropene	10061-02-6	0.45	U	0.45	2.0	U	2.0
1,1,2-Trichloroethane	79-00-5	0.45	U	0.45	2.5	U	2.5
Tetrachloroethene	127-18-4	0.45	U	0.45	3.1	U	3.1
Methyl Butyl Ketone	591-78-6	1.1	U	1.1	4.5	U	4.5
Dibromochloromethane	124-48-1	0.45	U	0.45	3.8	U	3.8
1,2-Dibromoethane	106-93-4	0.45	U	0.45	3.5	U	3.5
Chlorobenzene	108-90-7	0.45	U	0.45	2.1	U	2.1
Ethylbenzene	100-41-4	1.0		0.45	4.3		2.0
Xylene (m,p)	1330-20-7	3.4		0.91	15		4.0
Xylene (o)	95-47-6	1.2		0.45	5.2		2.0
Xylenes, Total	1330-20-7	4.6		0.45	20		2.0
Styrene	100-42-5	14		0.45	60		1.9
Bromoform	75-25-2	0.45	U	0.45	4.7	U	4.7
1,1,2,2-Tetrachloroethane	79-34-5	0.45	U	0.45	3.1	U	3.1
4-Ethyltoluene	622-96-8	0.45	U	0.45	2.2	U	2.2
1,3,5-Trimethylbenzene	108-67-8	0.45	U	0.45	2.2	U	2.2
2-Chlorotoluene	95-49-8	0.45	U	0.45	2.3	U	2.3
1,2,4-Trimethylbenzene	95-63-6	1.1		0.45	5.4		2.2
1,3-Dichlorobenzene	541-73-1	3.7		0.45	22		2.7
1,4-Dichlorobenzene	106-46-7	0.45	U	0.45	2.7	U	2.7
1,2-Dichlorobenzene	95-50-1	0.45	U	0.45	2.7	U	2.7
1,2,4-Trichlorobenzene	120-82-1	1.1	U	1.1	8.2	U	8.2
Hexachlorobutadiene	87-68-3	0.45	U	0.45	4.8	U	4.8

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820126

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.51		0.50	2.5		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.54		0.50	1.1		1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.22		0.20	1.2		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	26		5.0	62		12
Isopropyl Alcohol	67-63-0	9.6		5.0	24		12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	2.8		0.50	9.9		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.27		0.20	0.93		0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.23		0.20	1.1		0.93
Benzene	71-43-2	0.43		0.20	1.4		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.35		0.20	1.4		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820126

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	18		0.20	68		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.53		0.20	2.3		0.87
Xylene (m,p)	1330-20-7	1.7		0.40	7.4		1.7
Xylene (o)	95-47-6	0.45		0.20	2.0		0.87
Xylenes, Total	1330-20-7	2.2		0.20	9.6		0.87
Styrene	100-42-5	0.30		0.20	1.3		0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.32		0.20	1.6		0.98
1,3-Dichlorobenzene	541-73-1	0.34		0.20	2.0		1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY135909

Lab Sample No.: 820127

Dilution Factor: 4.55

Date Analyzed: 2/17/2010

Sample Matrix: AIR

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	2.3	U	2.3	11	U	11
1,2-Dichlorotetrafluoroethane	76-14-2	0.91	U	0.91	6.4	U	6.4
Chloromethane	74-87-3	2.3	U	2.3	4.7	U	4.7
Vinyl Chloride	75-01-4	0.91	U	0.91	2.3	U	2.3
1,3-Butadiene	106-99-0	2.3	U	2.3	5.1	U	5.1
Bromomethane	74-83-9	0.91	U	0.91	3.5	U	3.5
Chloroethane	75-00-3	2.3	U	2.3	6.1	U	6.1
Bromoethene	593-60-2	0.91	U	0.91	4.0	U	4.0
Trichlorofluoromethane	75-69-4	0.91	U	0.91	5.1	U	5.1
Freon TF	76-13-1	0.91	U	0.91	7.0	U	7.0
1,1-Dichloroethene	75-35-4	0.91	U	0.91	3.6	U	3.6
Acetone	67-64-1	23	U	23	55	U	55
Isopropyl Alcohol	67-63-0	31		23	76		57
Carbon disulfide	75-15-0	3.0		2.3	9.3		7.2
3-Chloropropene	107-05-1	2.3	U	2.3	7.2	U	7.2
Methylene chloride	75-09-2	2.3	U	2.3	8.0	U	8.0
tert-Butyl Alcohol	75-65-0	23	U	23	70	U	70
Methyl tert-Butyl Ether	1634-04-4	2.3	U	2.3	8.3	U	8.3
trans-1,2-Dichloroethene	156-60-5	0.91	U	0.91	3.6	U	3.6
n-Hexane	110-54-3	2.3	U	2.3	8.1	U	8.1
1,1-Dichloroethane	75-34-3	0.91	U	0.91	3.7	U	3.7
Methyl Ethyl Ketone	78-93-3	13		2.3	38		6.8
cis-1,2-Dichloroethene	156-59-2	0.91	U	0.91	3.6	U	3.6
1,2-Dichloroethene,Total	540-59-0	0.91	U	0.91	3.6	U	3.6
Chloroform	67-66-3	0.91	U	0.91	4.4	U	4.4
Tetrahydrofuran	109-99-9	23		23	68		68
1,1,1-Trichloroethane	71-55-6	0.91	U	0.91	5.0	U	5.0
Cyclohexane	110-82-7	0.91	U	0.91	3.1	U	3.1
Carbon tetrachloride	56-23-5	0.91	U	0.91	5.7	U	5.7
2,2,4-Trimethylpentane	540-84-1	0.91	U	0.91	4.3	U	4.3
Benzene	71-43-2	1.6		0.91	5.1		2.9
1,2-Dichloroethane	107-06-2	0.91	U	0.91	3.7	U	3.7
n-Heptane	142-82-5	0.91	U	0.91	3.7	U	3.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 4.55

Sample Matrix: AIR

Lab Sample No.: 820127

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.91	U	0.91	4.9	U	4.9
1,2-Dichloropropane	78-87-5	0.91	U	0.91	4.2	U	4.2
1,4-Dioxane	123-91-1	23	U	23	83	U	83
Bromodichloromethane	75-27-4	0.91	U	0.91	6.1	U	6.1
cis-1,3-Dichloropropene	10061-01-5	0.91	U	0.91	4.1	U	4.1
Methyl Isobutyl Ketone	108-10-1	2.3	U	2.3	9.4	U	9.4
Toluene	108-88-3	8.5		0.91	32		3.4
trans-1,3-Dichloropropene	10061-02-6	0.91	U	0.91	4.1	U	4.1
1,1,2-Trichloroethane	79-00-5	0.91	U	0.91	5.0	U	5.0
Tetrachloroethene	127-18-4	0.91	U	0.91	6.2	U	6.2
Methyl Butyl Ketone	591-78-6	2.3	U	2.3	9.4	U	9.4
Dibromochloromethane	124-48-1	0.91	U	0.91	7.8	U	7.8
1,2-Dibromoethane	106-93-4	0.91	U	0.91	7.0	U	7.0
Chlorobenzene	108-90-7	0.91	U	0.91	4.2	U	4.2
Ethylbenzene	100-41-4	1.1		0.91	4.8		4.0
Xylene (m,p)	1330-20-7	3.1		1.8	13		7.8
Xylene (o)	95-47-6	1.7		0.91	7.4		4.0
Xylenes, Total	1330-20-7	4.8		0.91	21		4.0
Styrene	100-42-5	120		0.91	510		3.9
Bromoform	75-25-2	0.91	U	0.91	9.4	U	9.4
1,1,2,2-Tetrachloroethane	79-34-5	0.91	U	0.91	6.2	U	6.2
4-Ethyltoluene	622-96-8	0.91	U	0.91	4.5	U	4.5
1,3,5-Trimethylbenzene	108-67-8	0.91	U	0.91	4.5	U	4.5
2-Chlorotoluene	95-49-8	0.91	U	0.91	4.7	U	4.7
1,2,4-Trimethylbenzene	95-63-6	1.0		0.91	4.9		4.5
1,3-Dichlorobenzene	541-73-1	2.6		0.91	16		5.5
1,4-Dichlorobenzene	106-46-7	0.91	U	0.91	5.5	U	5.5
1,2-Dichlorobenzene	95-50-1	0.91	U	0.91	5.5	U	5.5
1,2,4-Trichlorobenzene	120-82-1	2.3	U	2.3	17	U	17
Hexachlorobutadiene	87-68-3	0.91	U	0.91	9.7	U	9.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 820128

Date Analyzed: 2/17/2010

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.66		0.50	1.4		1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.25		0.20	1.4		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	32		5.0	76		12
Isopropyl Alcohol	67-63-0	28		5.0	69		12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.58		0.50	2.0		1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	3.5		0.50	12		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.92		0.50	2.7		1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.33		0.20	1.1		0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.32		0.20	1.5		0.93
Benzene	71-43-2	0.54		0.20	1.7		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.45		0.20	1.8		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY135909

Lab Sample No.: 820128

Dilution Factor: 1.00

Date Analyzed: 2/17/2010

Sample Matrix: AIR

Date Received: 2/10/2010

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	21		0.20	79		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.83		0.20	3.6		0.87
Xylene (m,p)	1330-20-7	2.8		0.40	12		1.7
Xylene (o)	95-47-6	0.88		0.20	3.8		0.87
Xylenes, Total	1330-20-7	3.7		0.20	16		0.87
Styrene	100-42-5	6.7		0.20	29		0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.26		0.20	1.3		0.98
1,3,5-Trimethylbenzene	108-67-8	0.24		0.20	1.2		0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.80		0.20	3.9		0.98
1,3-Dichlorobenzene	541-73-1	2.5		0.20	15		1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA021610

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	11		0.20	77		1.4
Chloromethane	74-87-3	9.8		0.50	20		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	9.2		0.50	24		1.3
Bromoethene	593-60-2	11		0.20	48		0.87
Trichlorofluoromethane	75-69-4	10		0.20	56		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	9.1		5.0	22		12
Isopropyl Alcohol	67-63-0	8.6		5.0	21		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	9.6		0.50	30		1.6
Methylene chloride	75-09-2	9.8		0.50	34		1.7
tert-Butyl Alcohol	75-65-0	9.1		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	10		0.20	40		0.79
n-Hexane	110-54-3	9.3		0.50	33		1.8
1,1-Dichloroethane	75-34-3	10		0.20	40		0.81
Methyl Ethyl Ketone	78-93-3	9.8		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
1,2-Dichloroethene,Total	540-59-0	22		0.20	87		0.79
Chloroform	67-66-3	11		0.20	54		0.98
Tetrahydrofuran	109-99-9	9.1		5.0	27		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	11		0.20	38		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
n-Heptane	142-82-5	9.4		0.20	39		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA021610

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	11		0.20	59		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
1,4-Dioxane	123-91-1	9.0		5.0	32		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	9.5		0.50	39		2.0
Toluene	108-88-3	10		0.20	38		0.75
trans-1,3-Dichloropropene	10061-02-6	10		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	12		0.20	81		1.4
Methyl Butyl Ketone	591-78-6	9.4		0.50	39		2.0
Dibromochloromethane	124-48-1	12		0.20	100		1.7
1,2-Dibromoethane	106-93-4	11		0.20	85		1.5
Chlorobenzene	108-90-7	11		0.20	51		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	21		0.40	91		1.7
Xylene (o)	95-47-6	11		0.20	48		0.87
Xylenes, Total	1330-20-7	33		0.20	140		0.87
Styrene	100-42-5	11		0.20	47		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	11		0.20	54		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	11		0.20	66		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	9.0		0.50	67		3.7
Hexachlorobutadiene	87-68-3	9.9		0.20	110		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0216

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TAL Burlington

SDG Number: NY135909

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0216

Date Analyzed: 2/16/2010

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

Chain of Custody

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Kate Brunner	**Samples Collected By:** S G	1 of 2 COCs
Company: AKRF, Inc.	Phone: 646 388 9525		
Address: 440 Park Ave South	Email: Kbrunner@AKRF.com		
City/State/Zip New York, NY 10016 7th Flr			
Phone: 646 388 9525	Site Contact: Steve Grens		
FAX: 212 726 0942	TA Contact: Erin Gauss		
Project Name: CE Flushing	**Analysis Turnaround Time**		
Site: 40-22 College Point Blvd Flushing NY	Standard (Specify) X		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-Vapor-1	2/8/10	1400	1418	29.4	-5	4977	3427	X								X		
CE-Vapor-2	2/8/10	1413	1430	-30	-3	4600	2737	X								X		
CE-Vapor-3	2/8/10	1419	1435	-30	-16	4708	2632	X								X		
CE-Vapor-4	2/8/10	1426	1442	-30	-26	4685	4127	X								X		
CE-AA	2/8/10	1445	1501	-30	~~-16~~ -12	4702	4430	X							X			

Temperature (Fahrenheit)	Interior	Ambient
Start		28.2° F
Stop		29.3° F

Pressure (inches of Hg)	Interior	Ambient
Start		-30
Stop		-16

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Steve Grens	Date/Time: 2/8/10 1625	Samples Received by: 2/8/10 1625
Samples Relinquished by:	Date/Time: 2/8/10 1800	Received by: 2/8/10 1800
Relinquished by:	Date/Time:	Received by: 2/10/10 1005

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Kate Brunner	**Samples Collected By:** SG	2 of 2 COCs
Company: AKRF, Inc.	Phone: 646-388-9525		
Address: 440 Park Ave South - 7th Floor	Email: Kbrunner@akrf.com		
City/State/Zip NY, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Green		
FAX: 212 726-0942	TA Contact: Erin Crotty		
Project Name: CE Flushing	**Analysis Turnaround Time**		
Site: 40-22 College Pt. Blvd.	Standard (Specify) X		
PO # 30141-0116 Flushing, NY.	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-vapor-5	2/8/10	1529	1545	-30	-12	4611	4910	X									X		
CE-vapor-6	2/8/10	1529	1545	-30	0	4667	3405	X									X		
CE-vapor-7	2/8/10	1530	1546	-29.3	-4	4689	3571	X									X		
CE-vapor-8	2/8/10	1530	1546	~~-29.3~~ -30	-12	4621	4873	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Steve Green	Date/Time: 2/8/10 1625	Samples Received by:	2/8/10 1625
Samples Relinquished by:	Date/Time: 2/8/10 1800	Received by:	2/8/10 1800
Relinquished by:	Date/Time:	Received by:	2/9/10 1005

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix Spike - Sample No.: FA021610LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		11	110	70-130
Chloromethane	10		9.8	98	70-130
Vinyl Chloride	10		10	100	70-130
1,3-Butadiene	10		11	110	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		9.2	92	70-130
Bromoethene	10		11	110	70-130
Trichlorofluoromethane	10		10	100	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		9.1	91	70-130
Isopropyl Alcohol	10		8.6	86	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		9.6	96	70-130
Methylene chloride	10		9.8	98	70-130
tert-Butyl Alcohol	10		9.1	91	70-130
Methyl tert-Butyl Ether	10		11	110	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
n-Hexane	10		9.3	93	70-130
1,1-Dichloroethane	10		10	100	70-130
Methyl Ethyl Ketone	10		9.8	98	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
1,2-Dichloroethene,Tota	20		22	110	70-130
Chloroform	10		11	110	70-130
Tetrahydrofuran	10		9.1	91	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		11	110	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix Spike - Sample No.: FA021610LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		10	100	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		10	100	70-130
n-Heptane	10		9.4	94	70-130
Trichloroethene	10		11	110	70-130
1,2-Dichloropropane	10		10	100	70-130
1,4-Dioxane	10		9.0	90	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		11	110	70-130
Methyl Isobutyl Ketone	10		9.5	95	70-130
Toluene	10		10	100	70-130
trans-1,3-Dichloroprope	10		10	100	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		12	120	70-130
Methyl Butyl Ketone	10		9.4	94	70-130
Dibromochloromethane	10		12	120	70-130
1,2-Dibromoethane	10		11	110	70-130
Chlorobenzene	10		11	110	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		21	105	70-130
Xylene (o)	10		11	110	70-130
Xylenes, Total	30		33	110	70-130
Styrene	10		11	110	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		10	100	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		11	110	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix Spike - Sample No.: FA021610LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		11	110	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		9.0	90	70-130
Hexachlorobutadiene	10		9.9	99	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID: FDLB01N Lab Sample ID: MBLK021610FA

Date Analyzed: 02/16/10 Time Analyzed: 1549

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA021610LCS	FA021610LCS	FDL10NQ	1459
02	CE-VAPOR-2	820121	820121D	2229
03	CE-VAPOR-4	820123	820123D	0012
04	CE-AA	820124	820124	0100
05	CE-VAPOR-6	820126	820126	0244
06	CE-VAPOR-8	820128	820128	0427
07	CE-VAPOR-5	820125	820125D	0823
08	CE-VAPOR-7	820127	820127D	0914
09	CE-VAPOR-1	820120	820120D2	1006
10	CE-VAPOR-3	820122	820122D2	1056
11				
12				
13				
14				
15				
16				
17				
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23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID: FDL01PV BFB Injection Date: 02/03/10

Instrument ID: F BFB Injection Time: 1925

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.4
75	30.0 - 66.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	99.0
175	4.0 - 9.0% of mass 174	6.8 (6.9)1
176	93.0 - 101.0% of mass 174	95.2 (96.2)1
177	5.0 - 9.0% of mass 176	6.1 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDL002V	02/03/10	2106
02	ASTD0.5	ASTD0.5	FDL005V	02/03/10	2157
03	ASTD005	ASTD005	FDL05V	02/03/10	2248
04	ASTD010	ASTD010	FDL10V	02/03/10	2339
05	ASTD015	ASTD015	FDL15V	02/04/10	0029
06	ASTD020	ASTD020	FDL20V	02/04/10	0119
07	ASTD040	ASTD040	FDL40V	02/04/10	0209
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID: FDL15PV BFB Injection Date: 02/16/10

Instrument ID: F BFB Injection Time: 1320

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.0
75	30.0 - 66.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	99.7
175	4.0 - 9.0% of mass 174	6.9 (6.9)1
176	93.0 - 101.0% of mass 174	96.3 (96.6)1
177	5.0 - 9.0% of mass 176	6.4 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDL10NV	02/16/10	1408
02	FA021610LCS	FA021610LCS	FDL10NQ	02/16/10	1459
03	MBLK021610FA	MBLK021610FA	FDLB01N	02/16/10	1549
04	CE-VAPOR-2	820121	820121D	02/16/10	2229
05	CE-VAPOR-4	820123	820123D	02/17/10	0012
06	CE-AA	820124	820124	02/17/10	0100
07	CE-VAPOR-6	820126	820126	02/17/10	0244
08	CE-VAPOR-8	820128	820128	02/17/10	0427
09	CE-VAPOR-5	820125	820125D	02/17/10	0823
10	CE-VAPOR-7	820127	820127D	02/17/10	0914
11	CE-VAPOR-1	820120	820120D2	02/17/10	1006
12	CE-VAPOR-3	820122	820122D2	02/17/10	1056
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Lab File ID (Standard): FDL10NV Date Analyzed: 02/16/10

Instrument ID: F Time Analyzed: 1408

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	245168	9.65	1169759	11.04	1160990	15.13
	UPPER LIMIT	343235	9.98	1637663	11.37	1625386	15.46
	LOWER LIMIT	147101	9.32	701855	10.71	696594	14.80
	CLIENT SAMPLE NO.						
01	FA021610LCS	262745	9.65	1264139	11.04	1238797	15.13
02	MBLK021610FA	258747	9.64	1244234	11.03	1179849	15.13
03	CE-VAPOR-2	213410	9.64	1018761	11.04	943344	15.13
04	CE-VAPOR-4	210779	9.64	1026975	11.03	1002898	15.13
05	CE-AA	194213	9.64	897702	11.03	840910	15.13
06	CE-VAPOR-6	245179	9.64	1177476	11.03	1143507	15.13
07	CE-VAPOR-8	231757	9.64	1098906	11.03	1043122	15.13
08	CE-VAPOR-5	193818	9.65	934923	11.04	894276	15.13
09	CE-VAPOR-7	212371	9.64	1022736	11.03	954972	15.13
10	CE-VAPOR-1	233278	9.64	1129862	11.04	1153585	15.14
11	CE-VAPOR-3	228813	9.64	1086558	11.03	933262	15.13
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

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

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

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

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820124

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820124

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.64	
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.26	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	2.3	
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.93	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.32	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820124

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820124

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

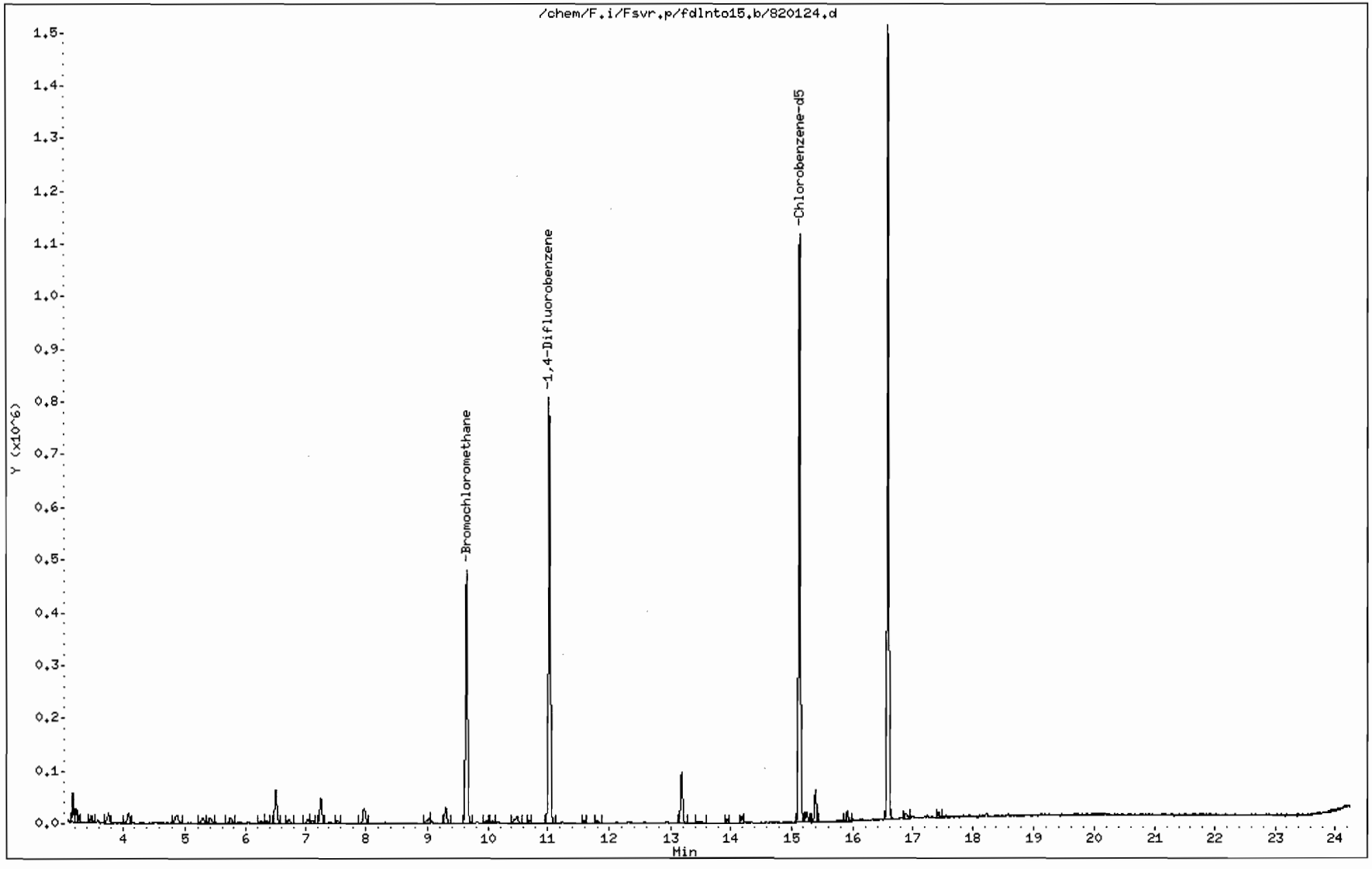
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	1.4	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.21	
1330-20-7	Xylene (m,p)	0.66	
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.67	
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d
Date : 17-FEB-2010 01:00
Client ID: CE-AA
Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820124.d
Lab Smp Id: 820124 Client Smp ID: CE-AA
Inj Date : 17-FEB-2010 01:00
Operator : wrd Inst ID: F.i
Smp Info : CE-AA :[ ]02/08/10 @1501(AIR)
Misc Info : 820124;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	3.584	3.595	(0.372)	5982	0.63879	0.64
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.275	5.291	(0.547)	15694	0.25958	0.26
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.505	6.516	(0.675)	110345	5.01796	5.0
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	7.265	7.281	(0.754)	33501	2.26835	2.3
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	7.982	7.993	(0.828)	21081	0.93443	0.93
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	194213	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.485	10.502	(0.951)	15770	0.32244	0.32
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	897702	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.176	13.187	(0.871)	54209	1.40111	1.4
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	840910	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.241	15.252	(1.007)	18195	0.21239	0.21
	69 Xylene (m,p)	106	15.386	15.402	(1.017)	22913	0.65519	0.66
	71 Xylene (o)	106	Compound Not Detected.					
M	70 Xylenes, Total	106				22913	0.67166	0.67
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

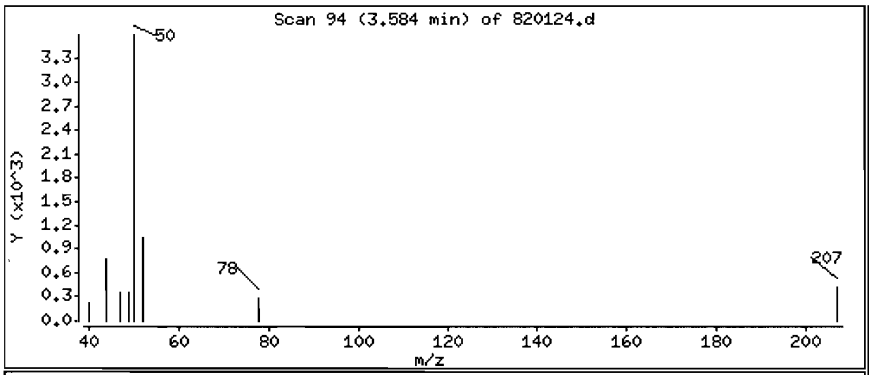
Operator: wrd

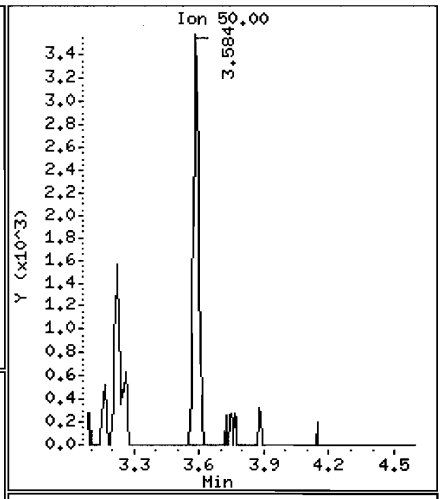
Column phase: RTX-624

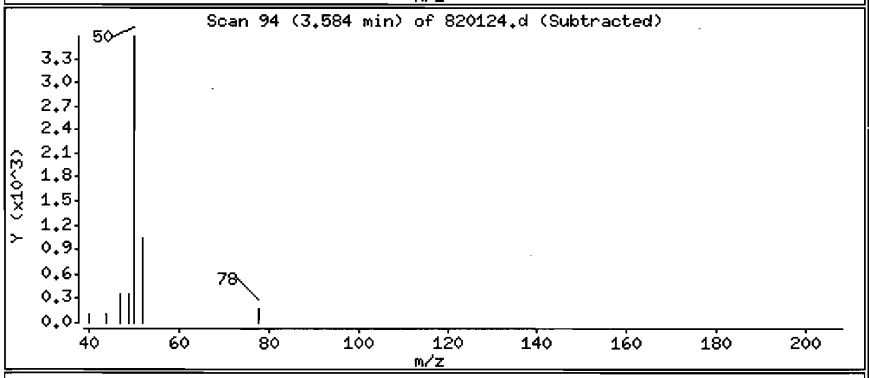
Column diameter: 0.32

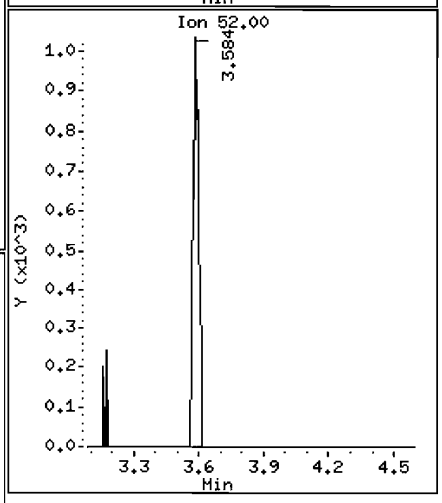
5 Chloromethane

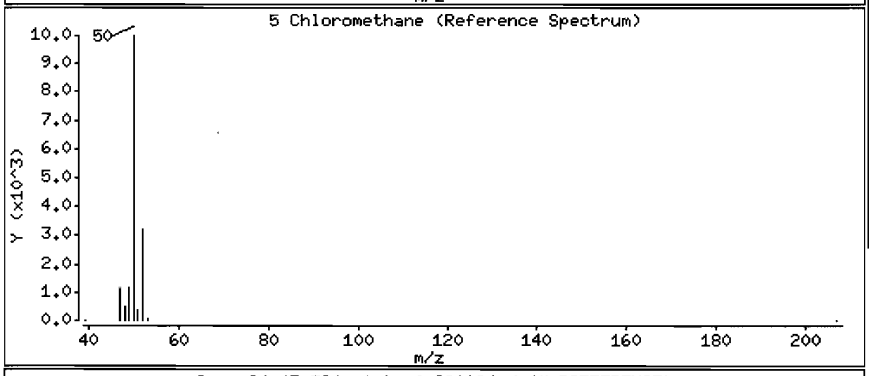
Concentration: 0.64 ppbv

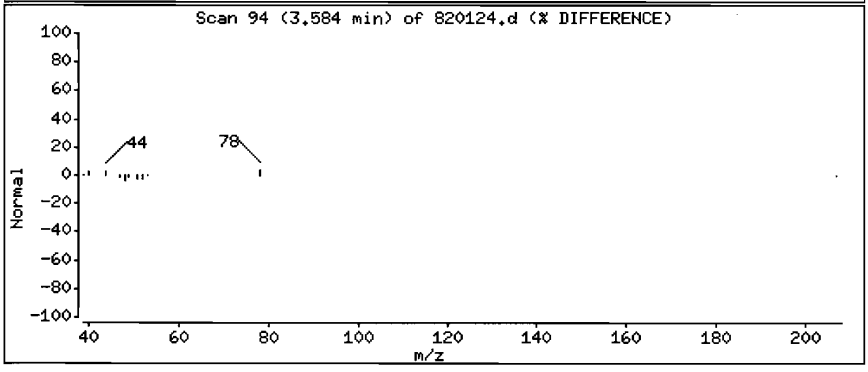












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

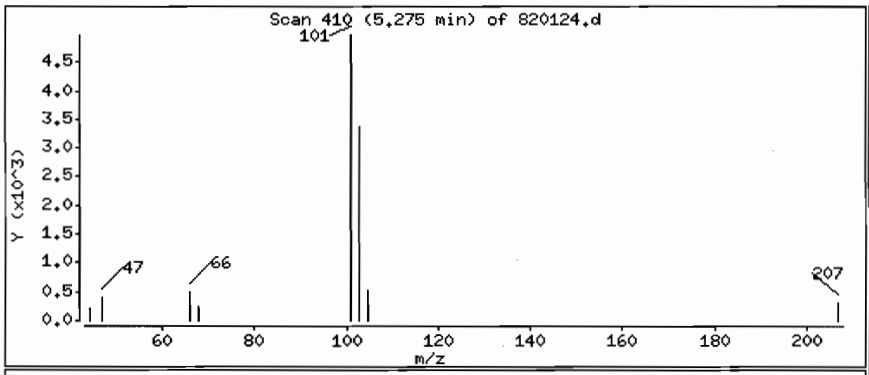
Operator: wrd

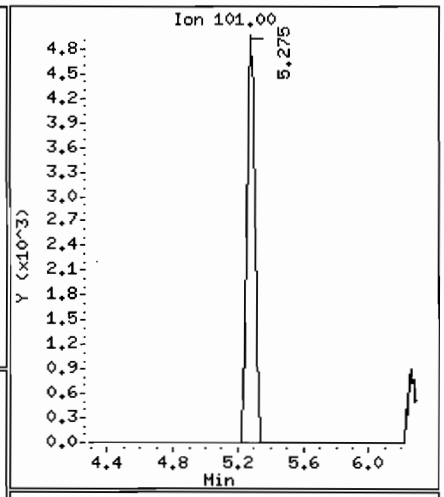
Column phase: RTX-624

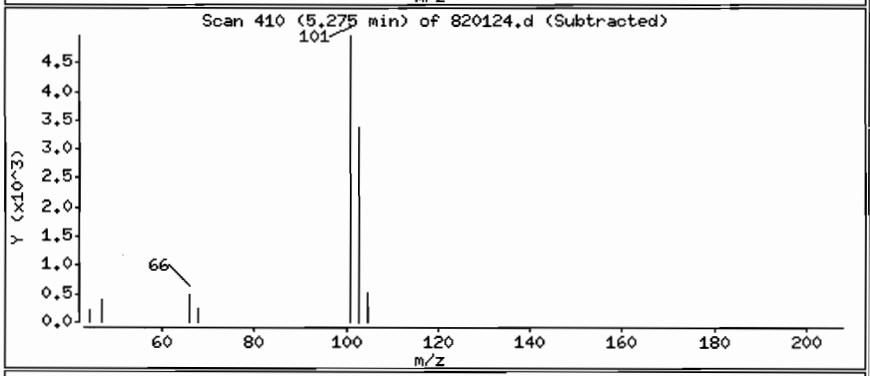
Column diameter: 0.32

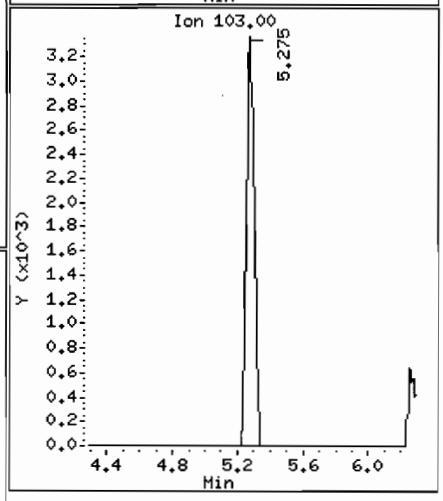
13 Trichlorofluoromethane

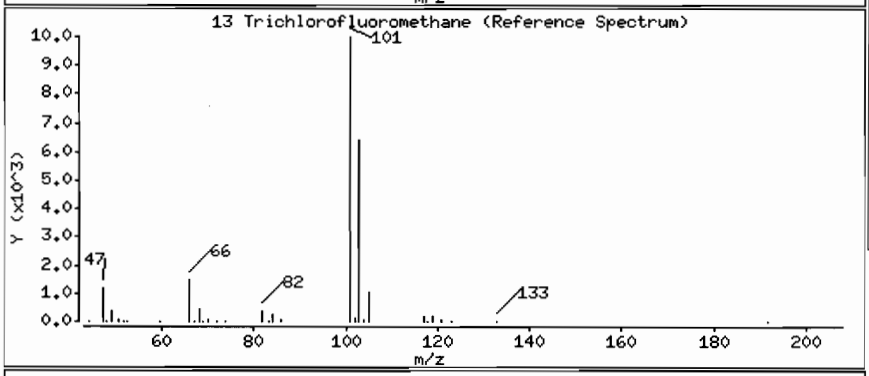
Concentration: 0.26 ppbv

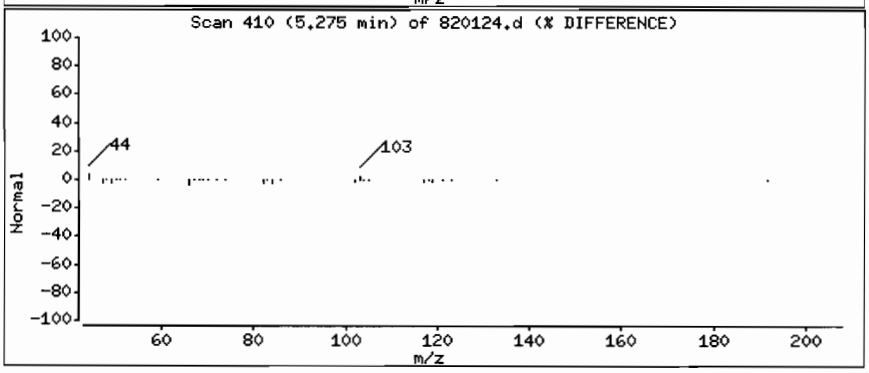












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

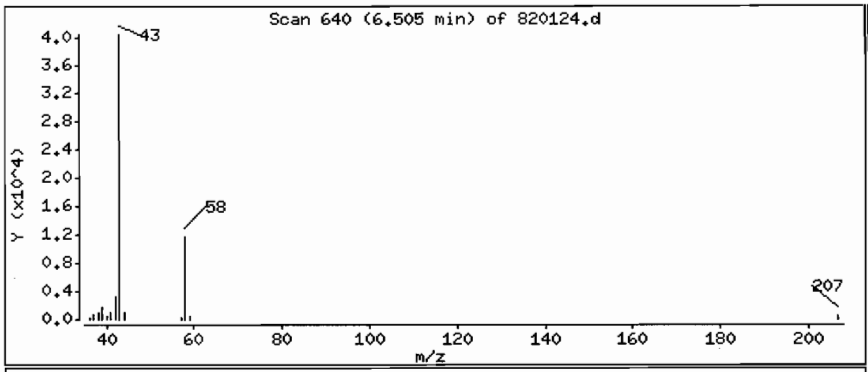
Operator: wrd

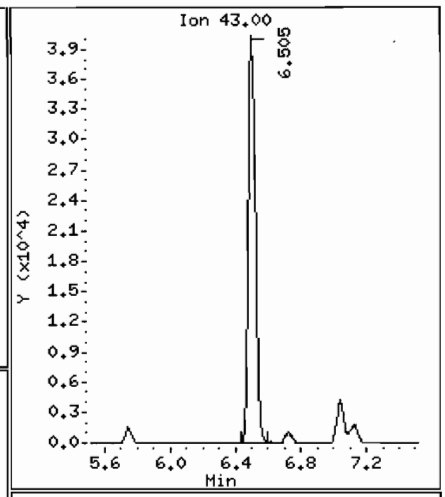
Column phase: RTX-624

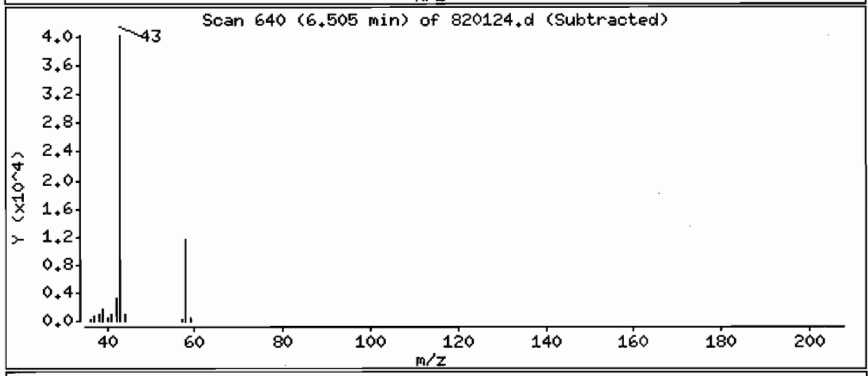
Column diameter: 0.32

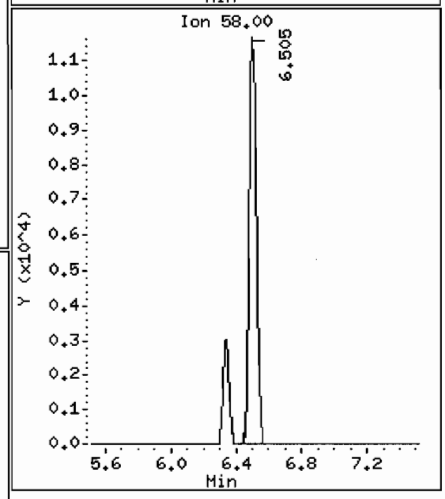
20 Acetone

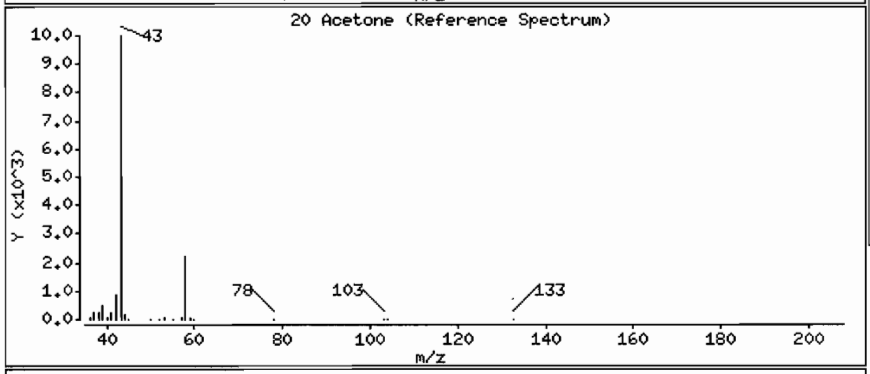
Concentration: 5.0 ppbv

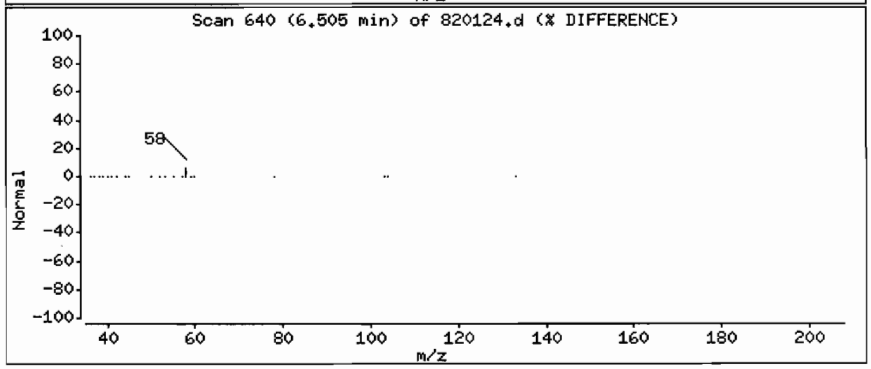












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

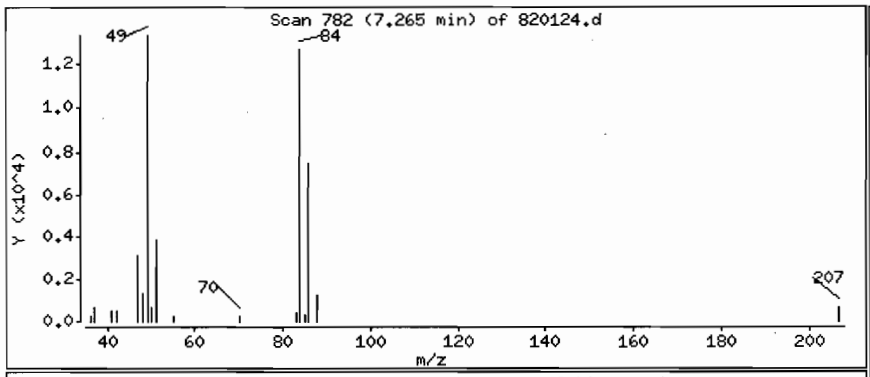
Operator: wrd

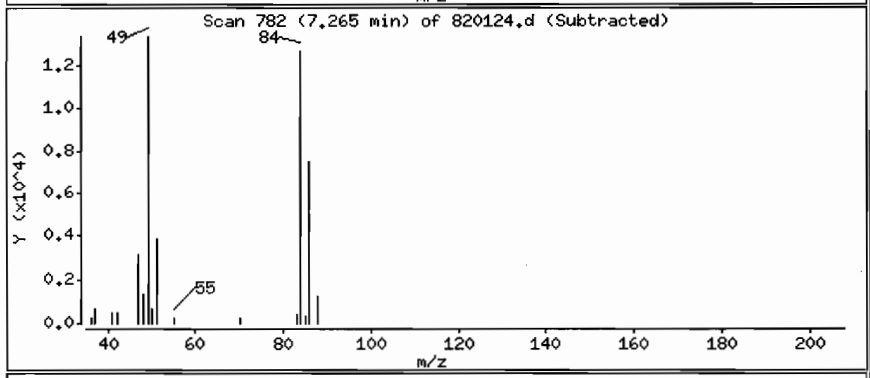
Column phase: RTX-624

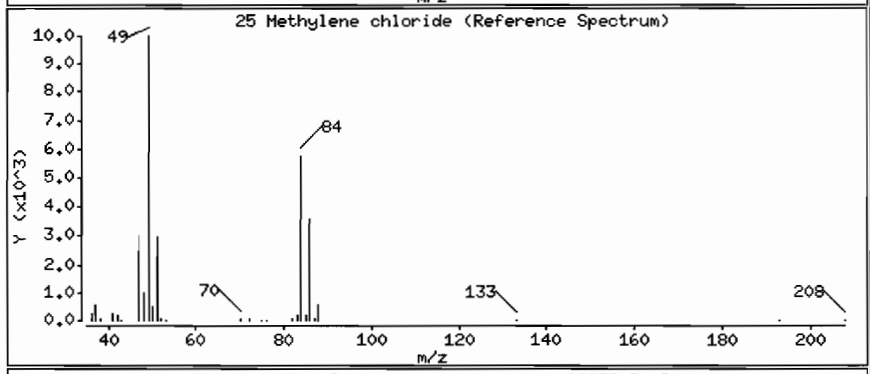
Column diameter: 0.32

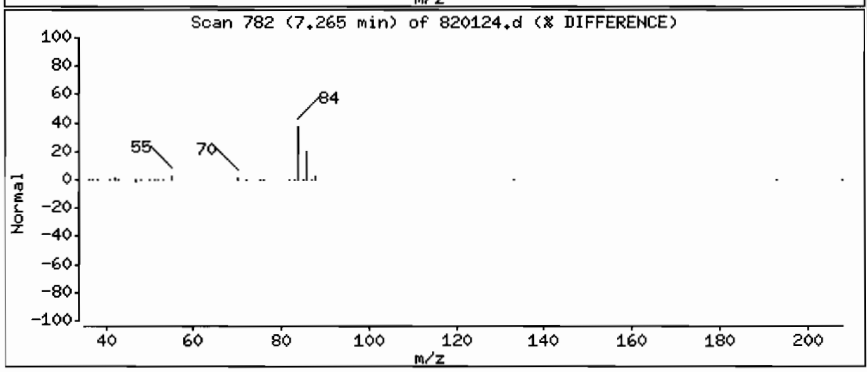
25 Methylene chloride

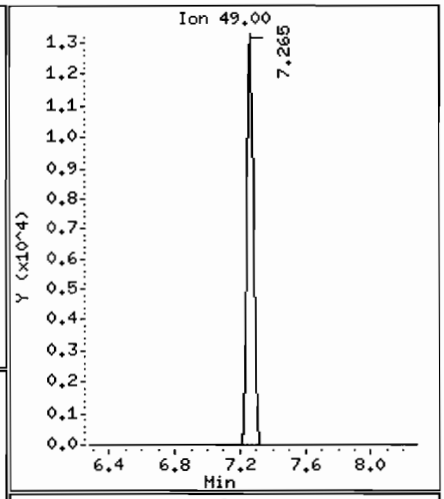
Concentration: 2.3 ppbv

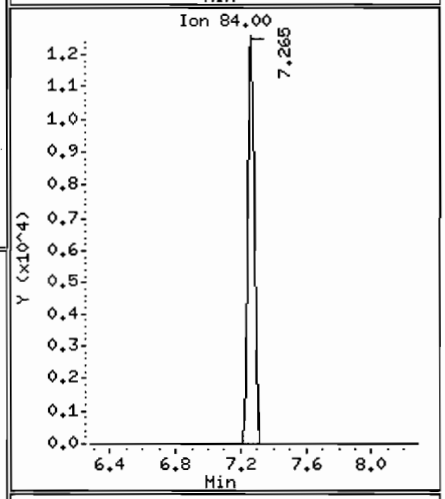


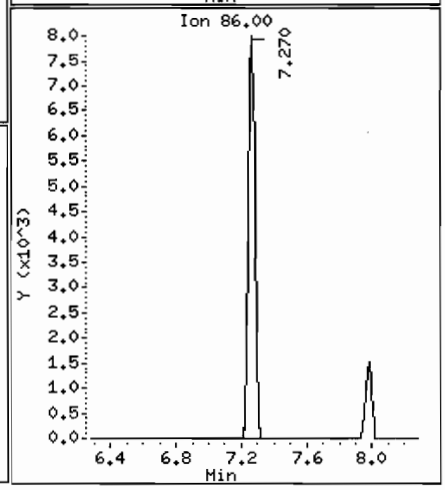












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

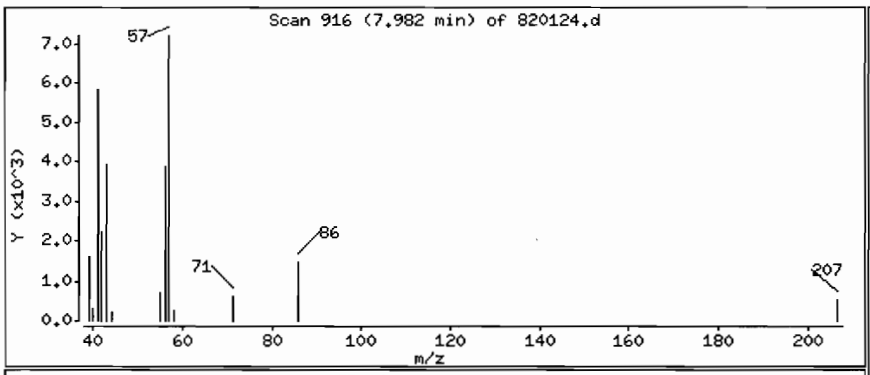
Operator: wrd

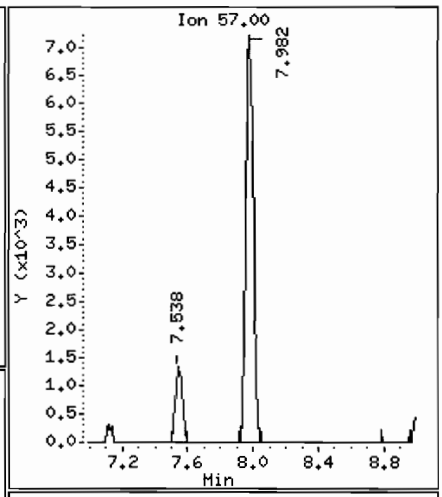
Column phase: RTX-624

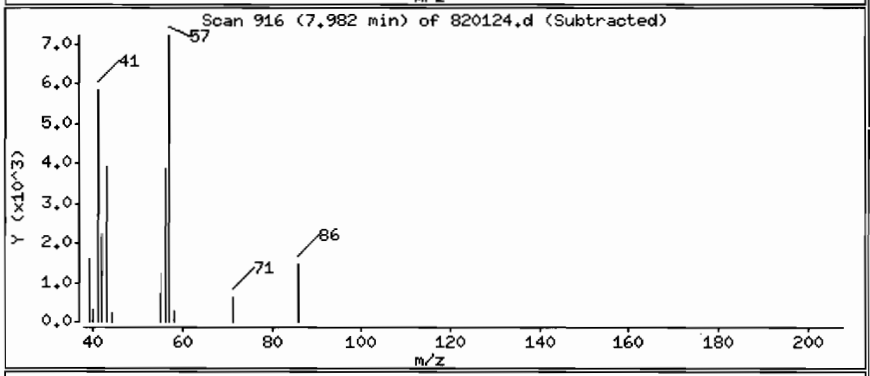
Column diameter: 0.32

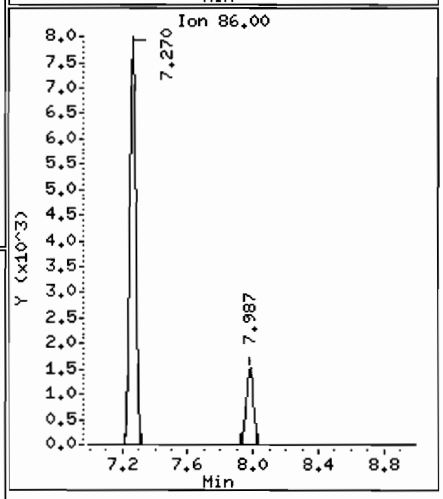
30 n-Hexane

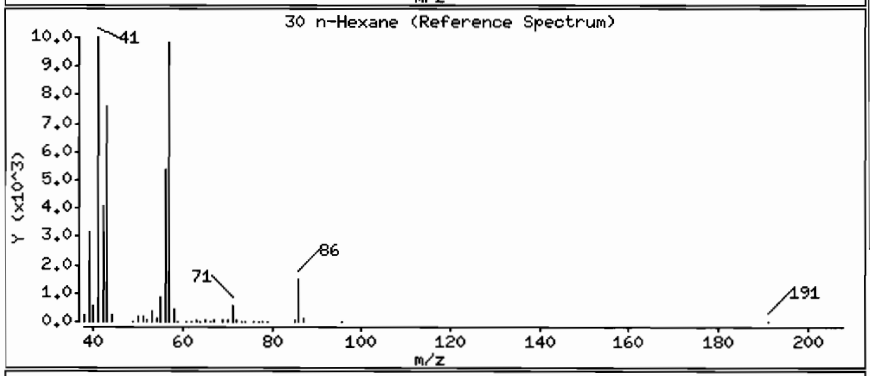
Concentration: 0.93 ppbv

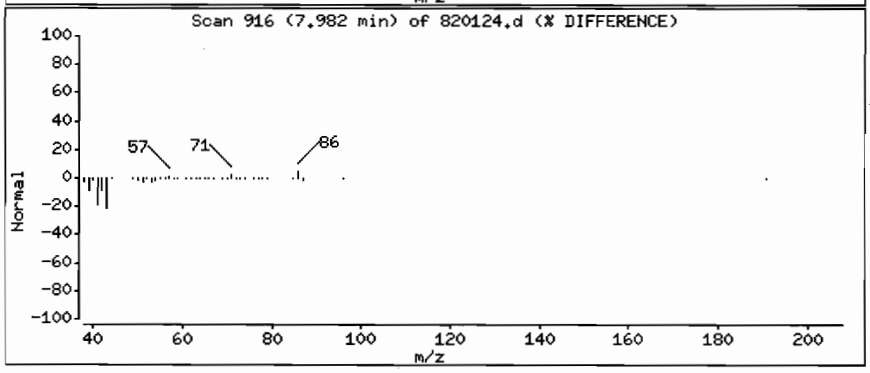












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

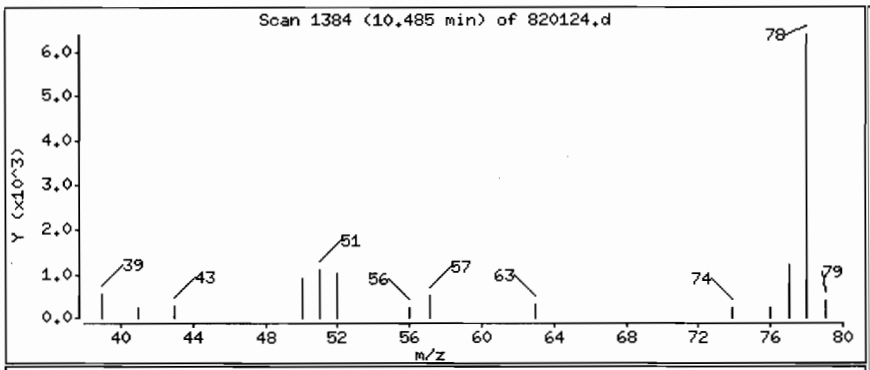
Operator: wrd

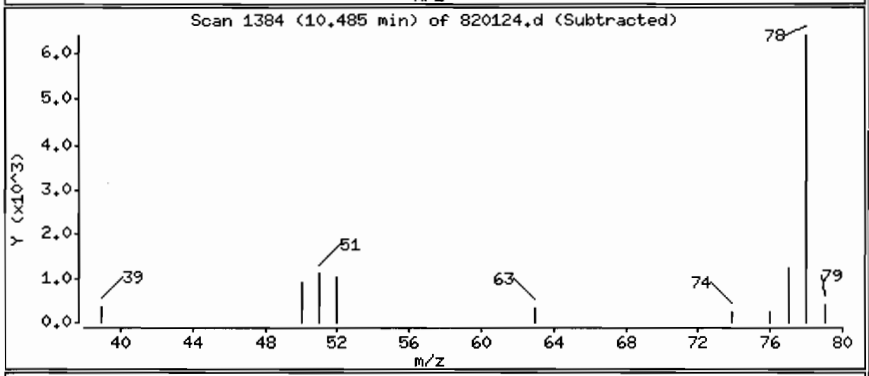
Column phase: RTX-624

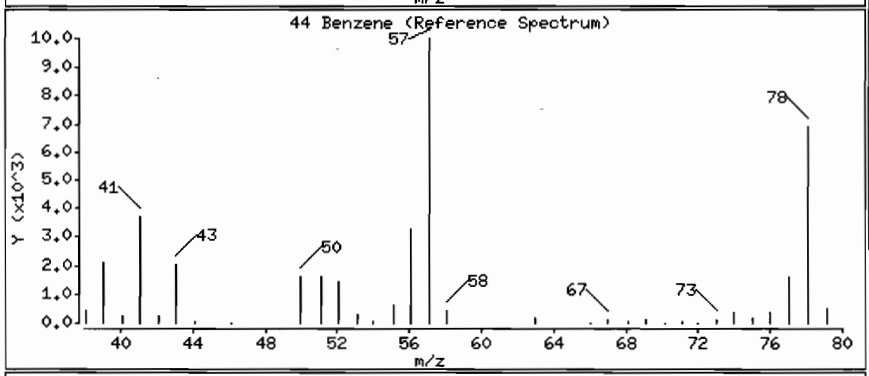
Column diameter: 0.32

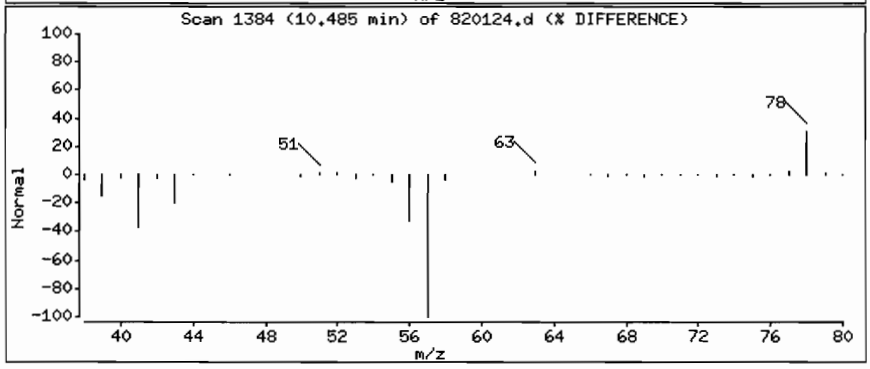
44 Benzene

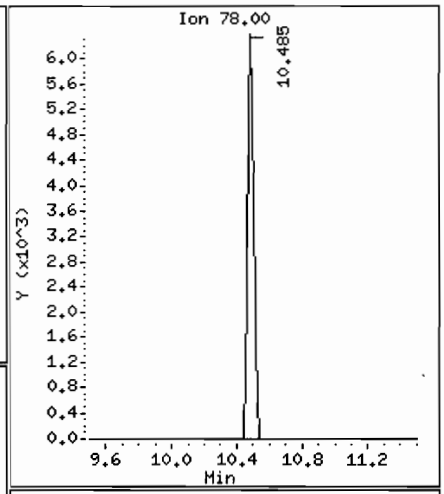
Concentration: 0.32 ppbv

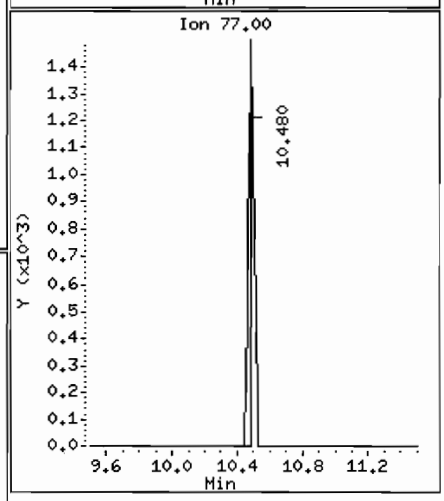












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

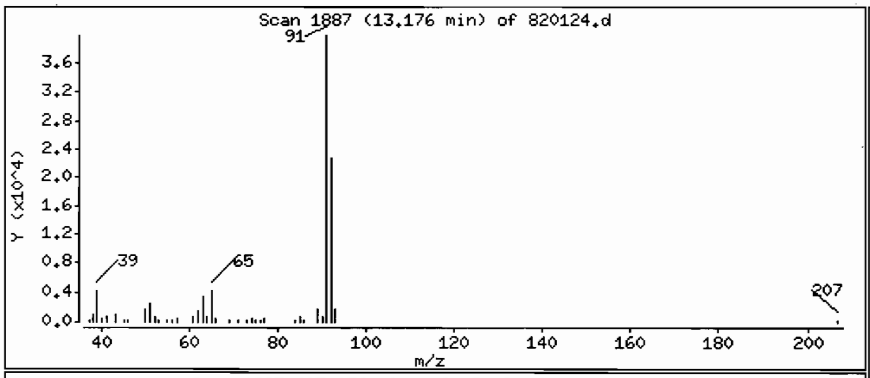
Operator: wrd

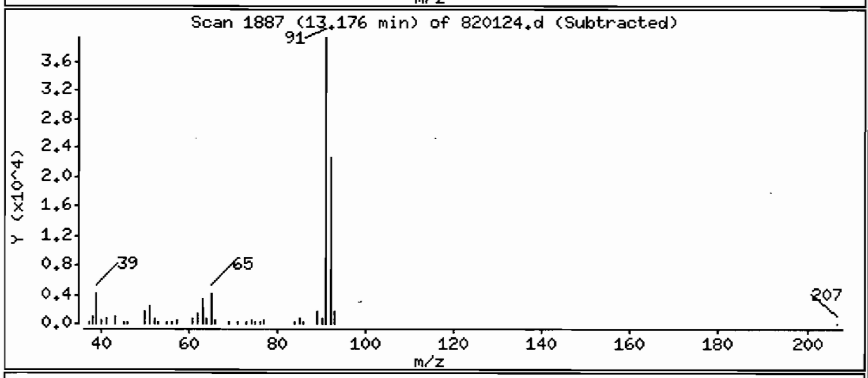
Column phase: RTX-624

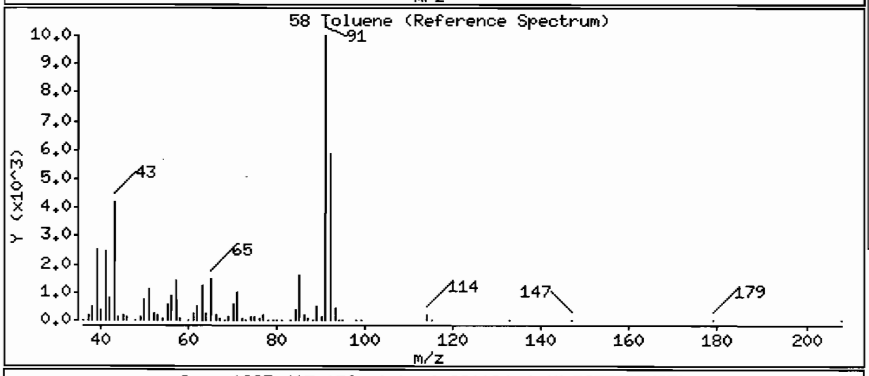
Column diameter: 0.32

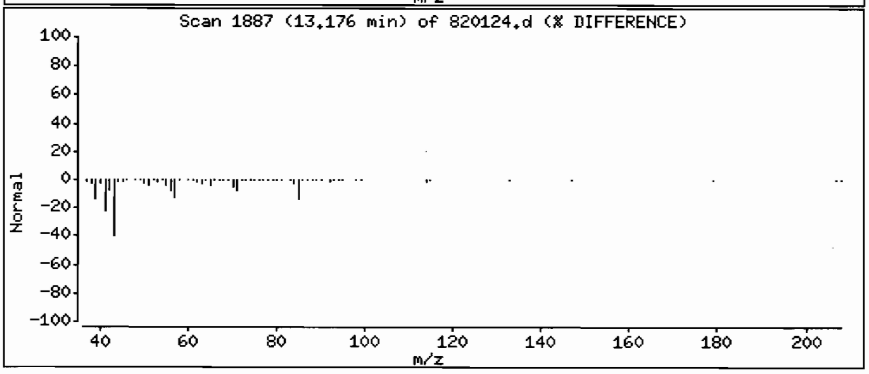
58 Toluene

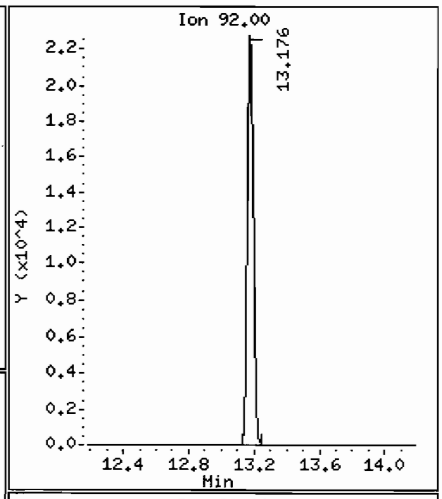
Concentration: 1.4 ppbv

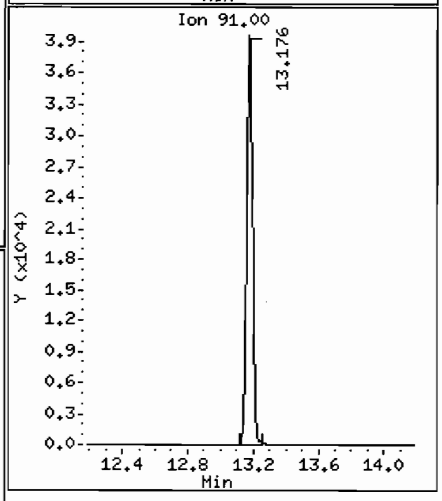












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

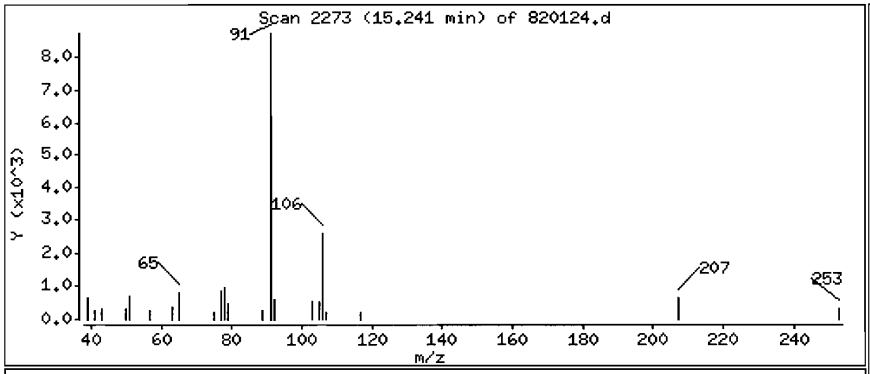
Operator: wrd

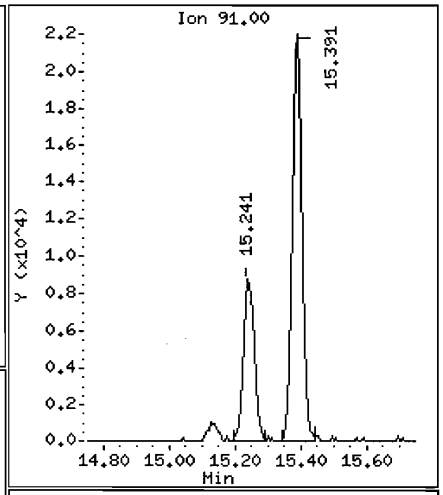
Column phase: RTX-624

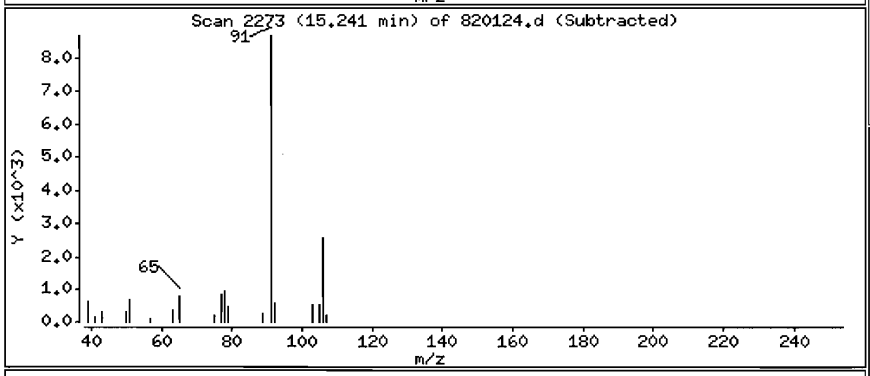
Column diameter: 0.32

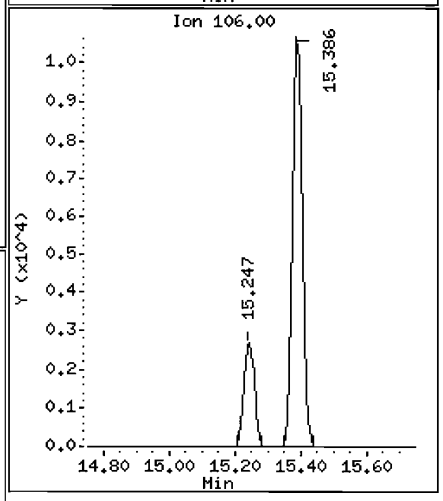
68 Ethylbenzene

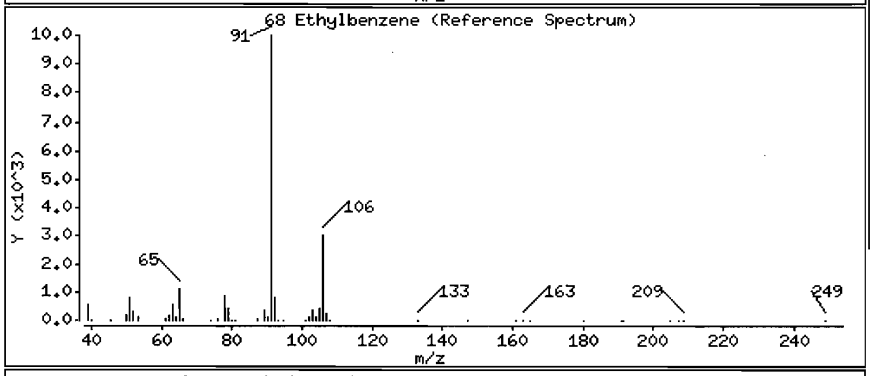
Concentration: 0.21 ppbv

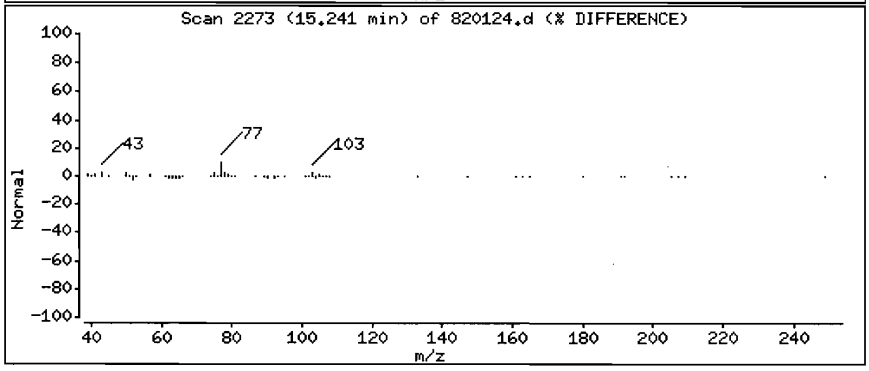












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820124.d

Date : 17-FEB-2010 01:00

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]02/08/10 @1501(AIR)

Purge Volume: 200.0

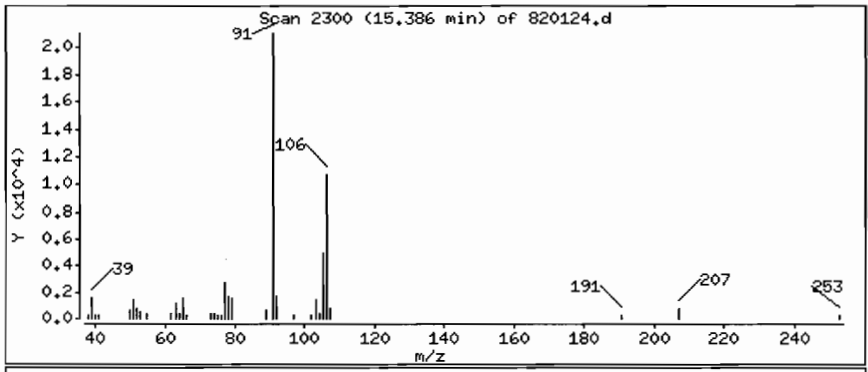
Operator: wrd

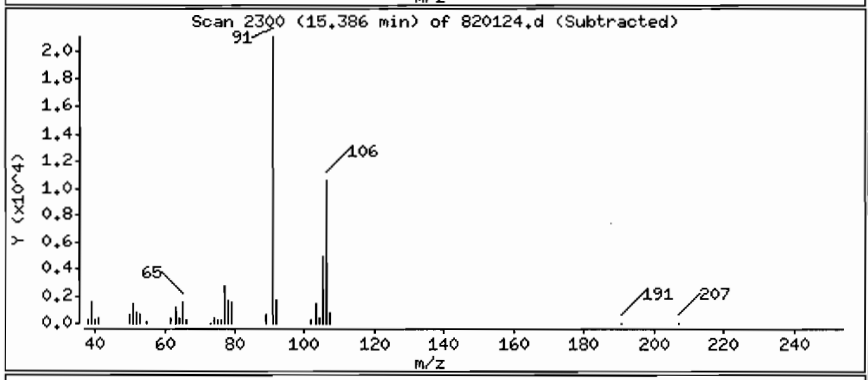
Column phase: RTX-624

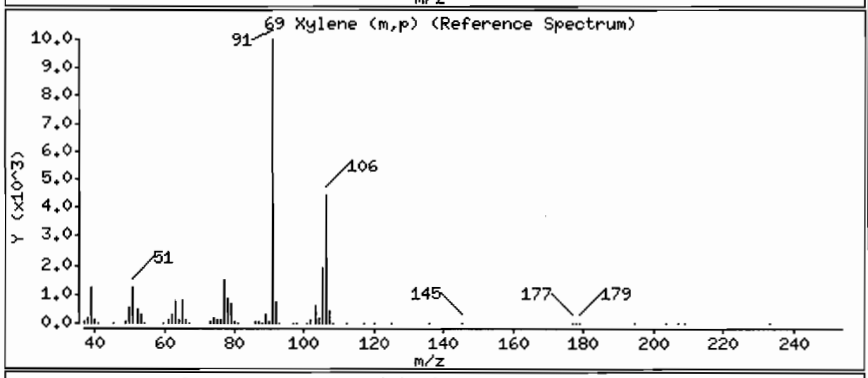
Column diameter: 0.32

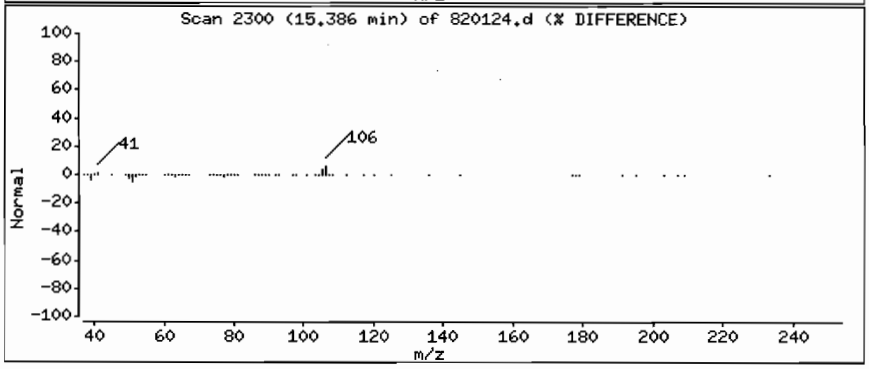
69 Xylene (m,p)

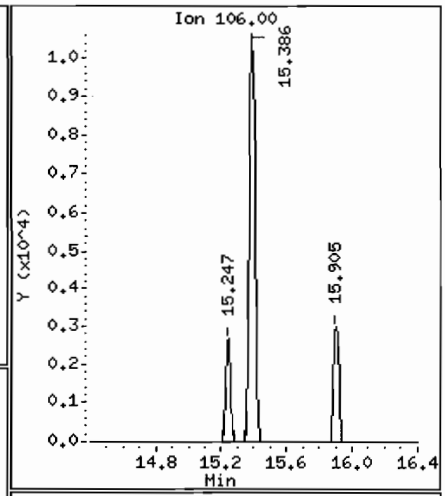
Concentration: 0.66 ppbv

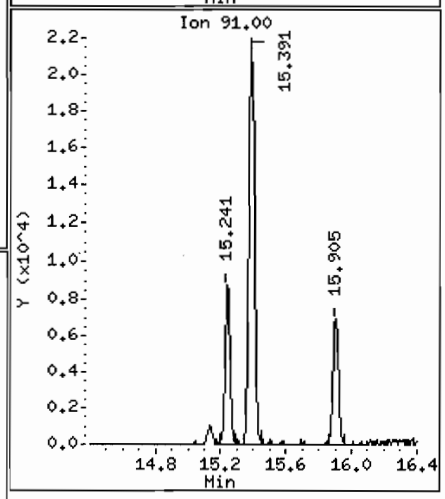












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820120

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820120D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.7	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.67	U
74-87-3	Chloromethane	1.7	U
75-01-4	Vinyl Chloride	0.67	U
106-99-0	1,3-Butadiene	1.7	U
74-83-9	Bromomethane	0.67	U
75-00-3	Chloroethane	1.7	U
593-60-2	Bromoethene	0.67	U
75-69-4	Trichlorofluoromethane	0.67	U
76-13-1	Freon TF	0.67	U
75-35-4	1,1-Dichloroethene	0.67	U
67-64-1	Acetone	17	U
67-63-0	Isopropyl Alcohol	64	
75-15-0	Carbon disulfide	1.7	U
107-05-1	3-Chloropropene	1.7	U
75-09-2	Methylene chloride	1.9	
75-65-0	tert-Butyl Alcohol	17	U
1634-04-4	Methyl tert-Butyl Ether	1.7	U
156-60-5	trans-1,2-Dichloroethene	0.67	U
110-54-3	n-Hexane	1.7	U
75-34-3	1,1-Dichloroethane	0.67	U
78-93-3	Methyl Ethyl Ketone	1.7	U
156-59-2	cis-1,2-Dichloroethene	0.67	U
540-59-0	1,2-Dichloroethene,Total	0.67	U
67-66-3	Chloroform	0.67	U
109-99-9	Tetrahydrofuran	17	U
71-55-6	1,1,1-Trichloroethane	0.67	U
110-82-7	Cyclohexane	1.3	
56-23-5	Carbon tetrachloride	0.67	U
540-84-1	2,2,4-Trimethylpentane	0.67	U
71-43-2	Benzene	0.81	
107-06-2	1,2-Dichloroethane	0.67	U
142-82-5	n-Heptane	6.7	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820120

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820120D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

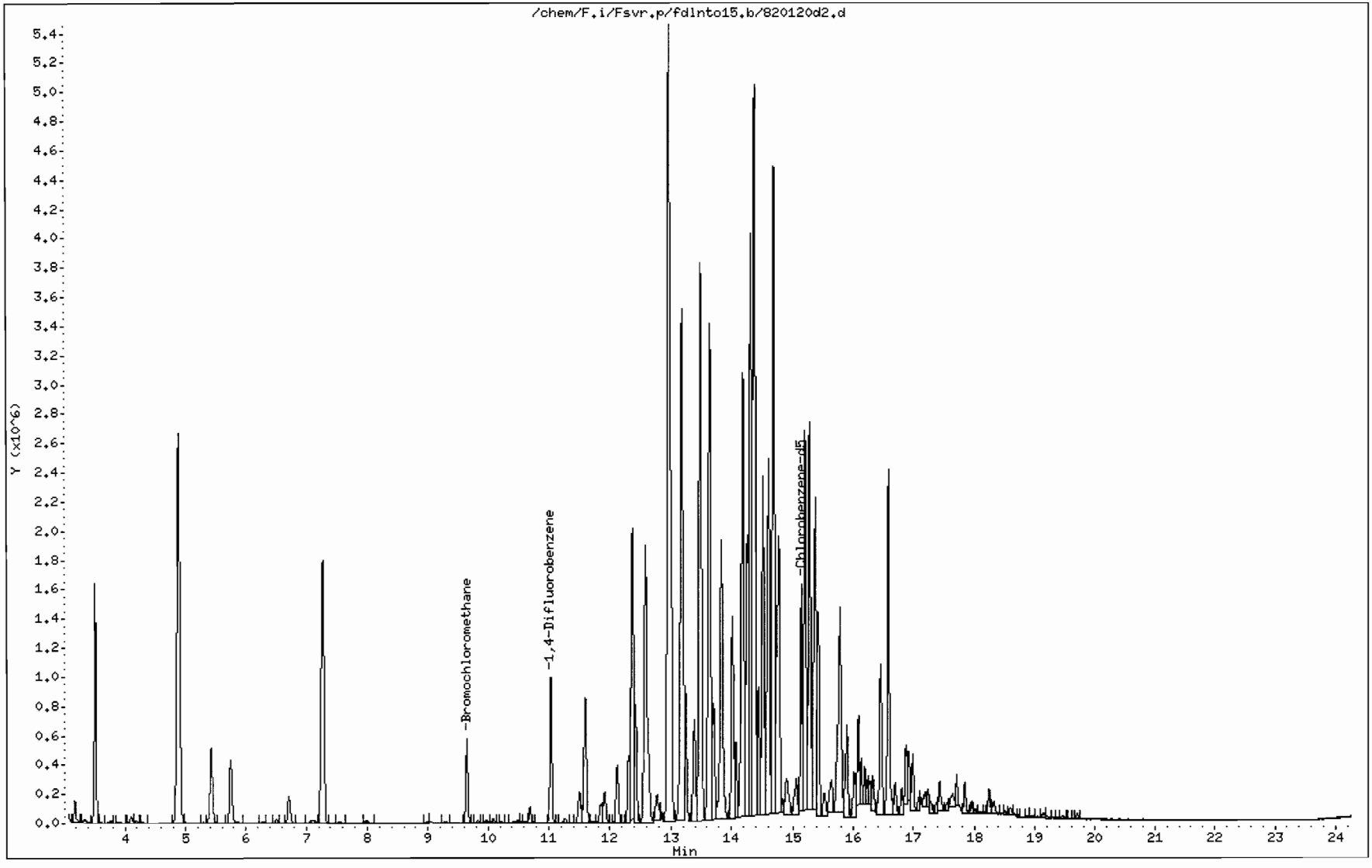
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.67	U
78-87-5	1,2-Dichloropropane	0.67	U
123-91-1	1,4-Dioxane	17	U
75-27-4	Bromodichloromethane	0.67	U
10061-01-5	cis-1,3-Dichloropropene	0.67	U
108-10-1	Methyl Isobutyl Ketone	1.7	U
108-88-3	Toluene	4.2	
10061-02-6	trans-1,3-Dichloropropene	0.67	U
79-00-5	1,1,2-Trichloroethane	0.67	U
127-18-4	Tetrachloroethene	0.67	U
591-78-6	Methyl Butyl Ketone	1.7	U
124-48-1	Dibromochloromethane	0.67	U
106-93-4	1,2-Dibromoethane	0.67	U
108-90-7	Chlorobenzene	0.67	U
100-41-4	Ethylbenzene	3.6	
1330-20-7	Xylene (m,p)	6.8	
95-47-6	Xylene (o)	5.3	
1330-20-7	Xylenes, Total	12	
100-42-5	Styrene	0.77	
75-25-2	Bromoform	0.67	U
79-34-5	1,1,2,2-Tetrachloroethane	0.67	U
622-96-8	4-Ethyltoluene	2.0	
108-67-8	1,3,5-Trimethylbenzene	4.8	
95-49-8	2-Chlorotoluene	0.67	U
95-63-6	1,2,4-Trimethylbenzene	3.1	
541-73-1	1,3-Dichlorobenzene	3.4	
106-46-7	1,4-Dichlorobenzene	0.67	U
95-50-1	1,2-Dichlorobenzene	0.67	U
120-82-1	1,2,4-Trichlorobenzene	1.7	U
87-68-3	Hexachlorobutadiene	0.67	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d
Date : 17-FEB-2010 10:06
Client ID: CE-VAPOR-1
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)
Purge Volume: 60.0
Column phase: RTX-624

Instrument: F.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d
Lab Smp Id: 820120 Client Smp ID: CE-VAPOR-1
Inj Date : 17-FEB-2010 10:06
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)
Misc Info : 820120;021610FA;3.33;60
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 10
Dil Factor: 3.33000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	3.33000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	60.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.719	6.719	(0.697)	354130	19.1178	64
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	25 Methylene chloride	49	7.275	7.281	(0.755)	10014	0.56450	1.9(Q)
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	233278	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	9.982	9.983	(0.904)	10750	0.40410	1.3(Q)
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.501	10.502	(0.952)	15049	0.24448	0.81
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.969)	56480	2.01367	6.7
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1129862	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	66491	1.25275	4.2
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1153585	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	128219	1.09105	3.6
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	97482	2.03193	6.8
	71 Xylene (o)	106	15.910	15.915	(1.051)	74274	1.58710	5.3
M	70 Xylenes, Total	106				171756	3.67011	12
	72 Styrene	104	15.937	15.937	(1.053)	15947	0.23064	0.77(Q)
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	86942	0.58912	2.0
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.122)	176418	1.44967	4.8
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	115204	0.91795	3.1
	88 1,3-Dichlorobenzene	146	17.846	17.852	(1.179)	95515	1.01341	3.4
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

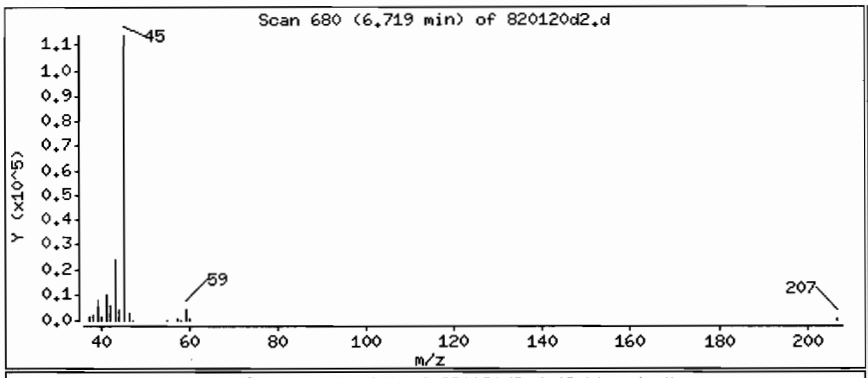
Client ID: CE-VAPOR-1 Instrument: F.i

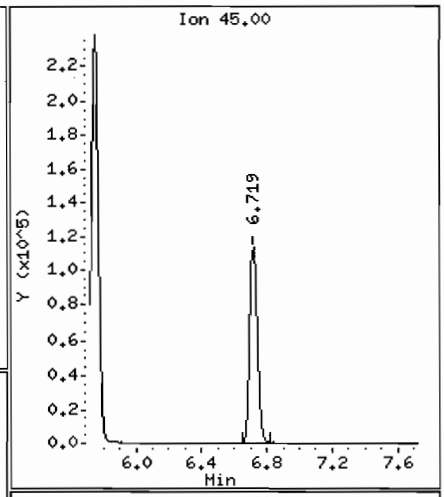
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

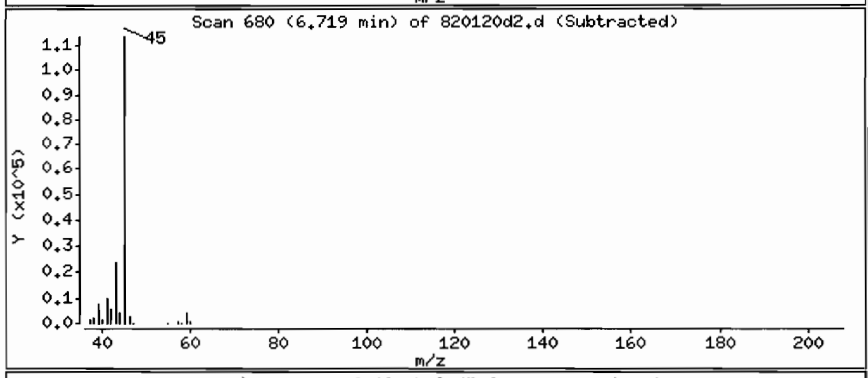
Purge Volume: 60.0 Operator: njr

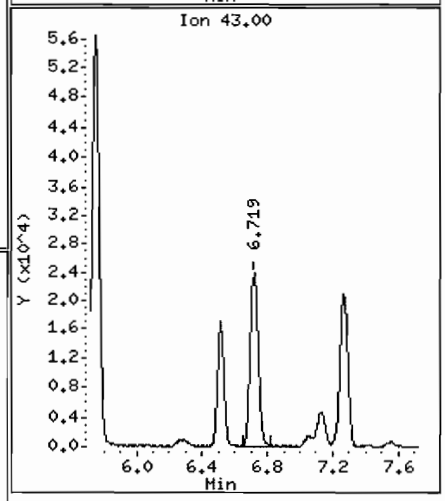
Column phase: RTX-624 Column diameter: 0.32

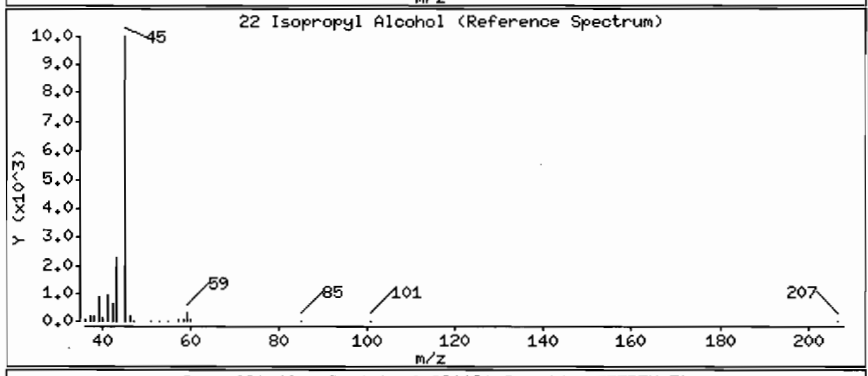
22 Isopropyl Alcohol Concentration: 64 ppbv

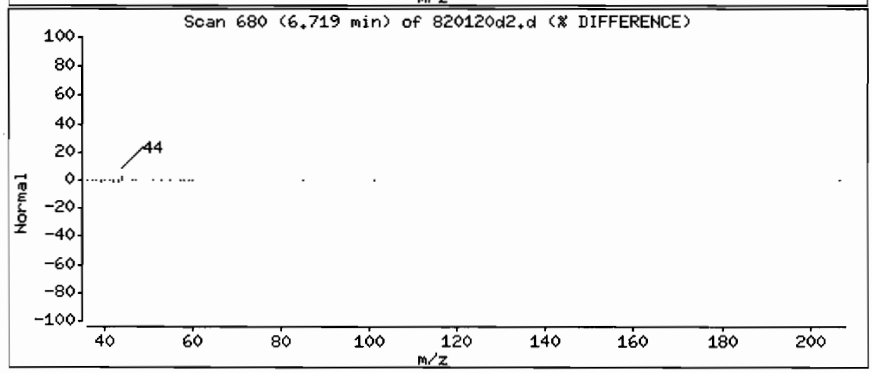












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

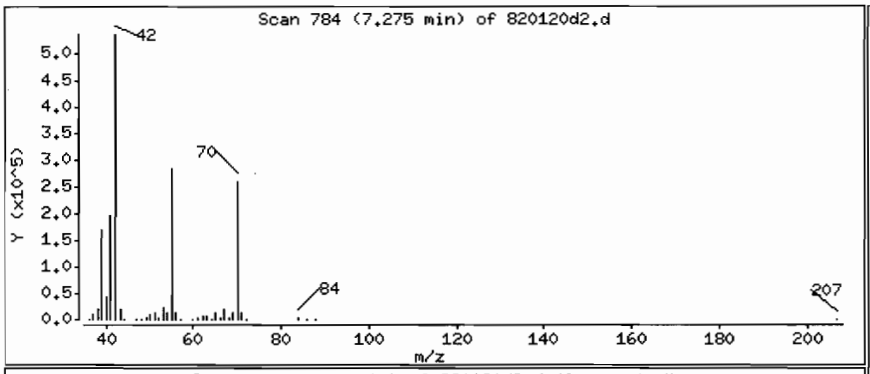
Client ID: CE-VAPOR-1 Instrument: F.i

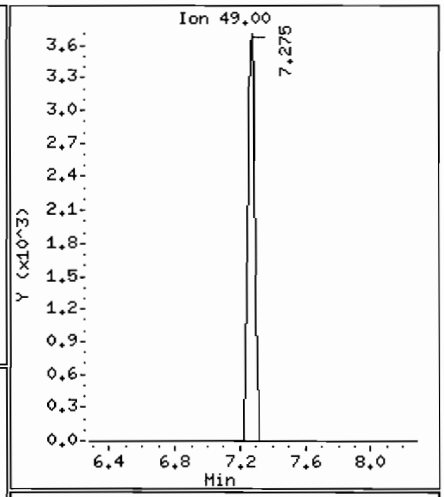
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

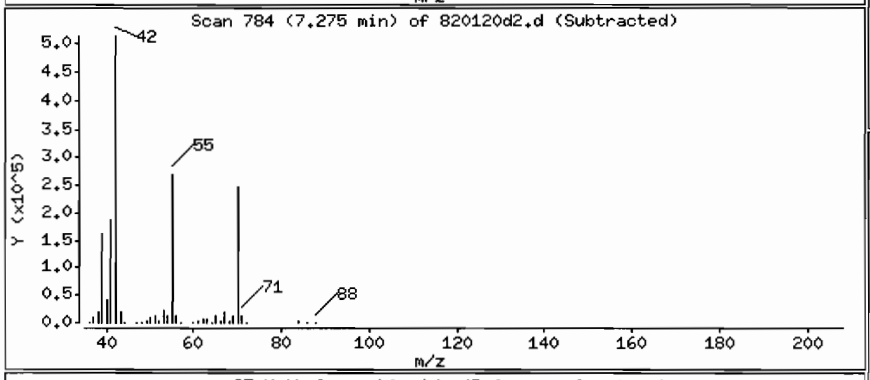
Purge Volume: 60.0 Operator: njr

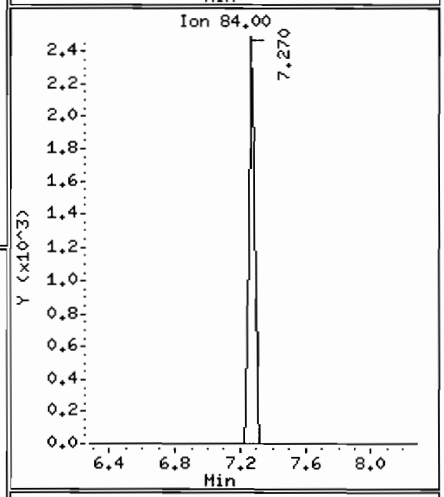
Column phase: RTX-624 Column diameter: 0.32

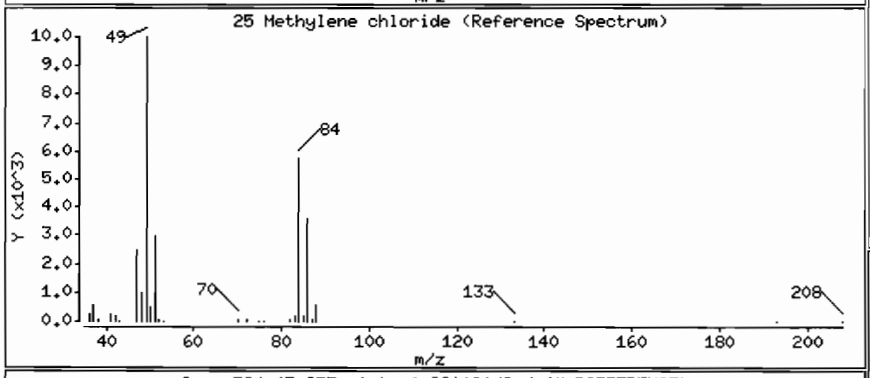
25 Methylene chloride Concentration: 1.9 ppbv

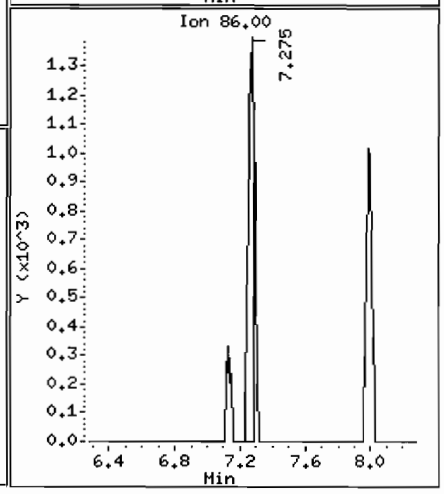


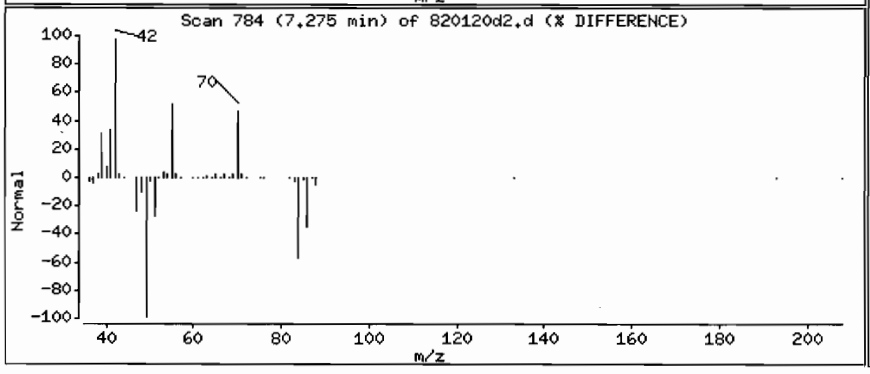












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Page 7

Date : 17-FEB-2010 10:06

Client ID: CE-VAPOR-1

Instrument: F.i

Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

Purge Volume: 60.0

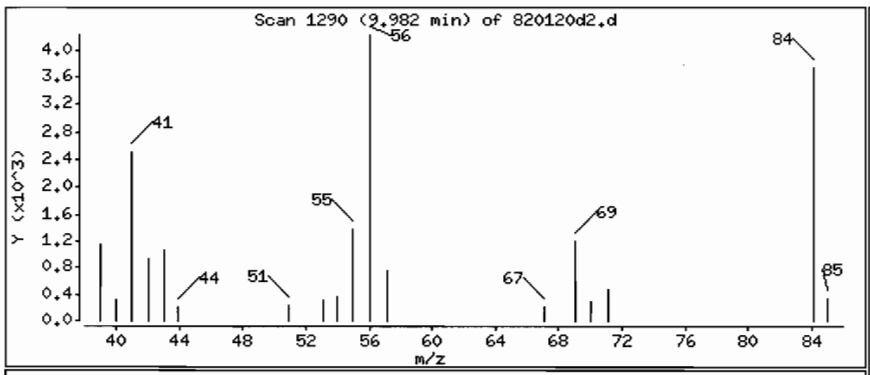
Operator: njr

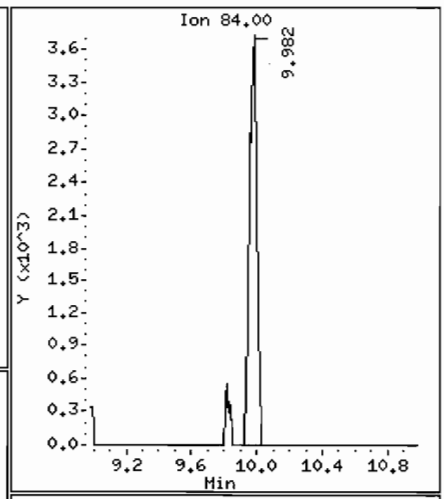
Column phase: RTX-624

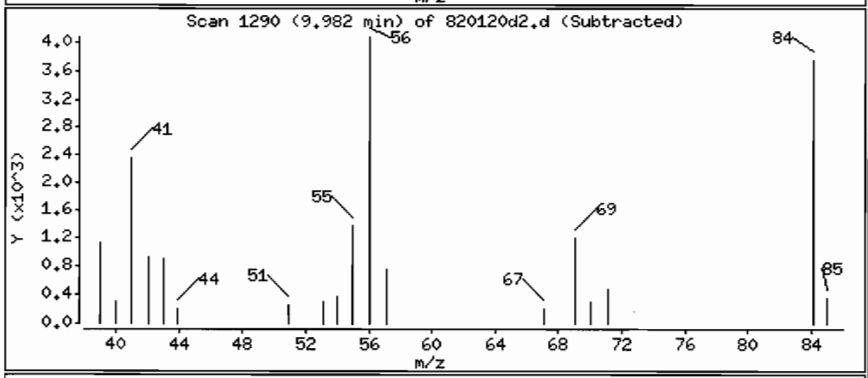
Column diameter: 0.32

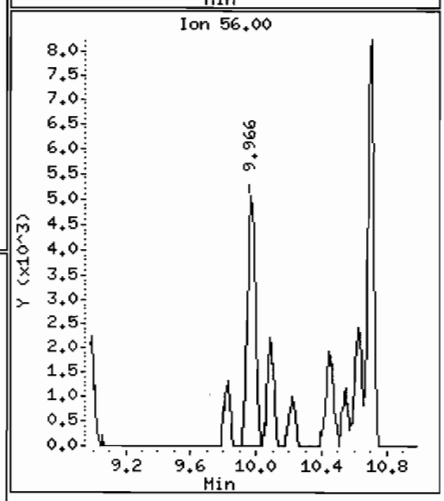
40 Cyclohexane

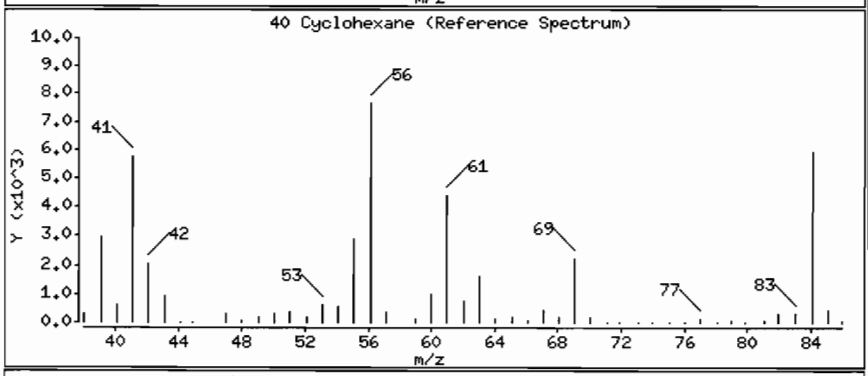
Concentration: 1.3 ppbv

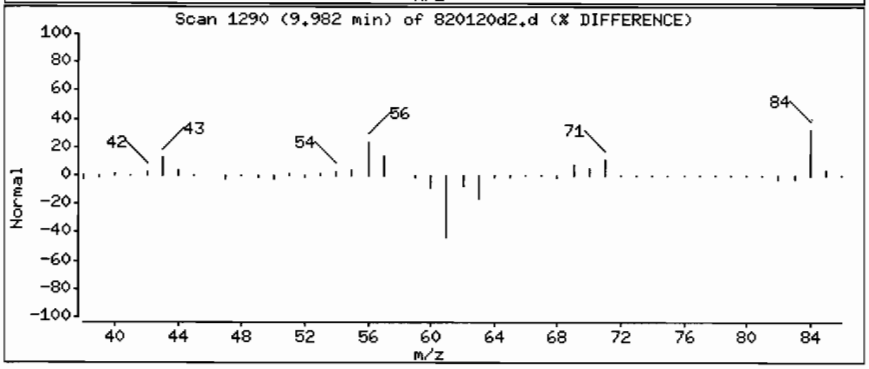












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

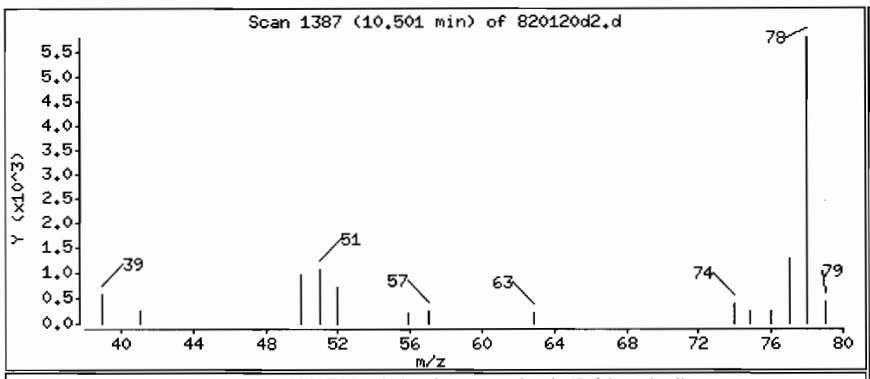
Client ID: CE-VAPOR-1 Instrument: F.i

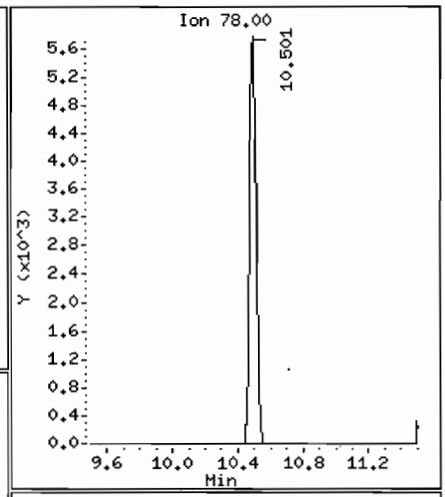
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

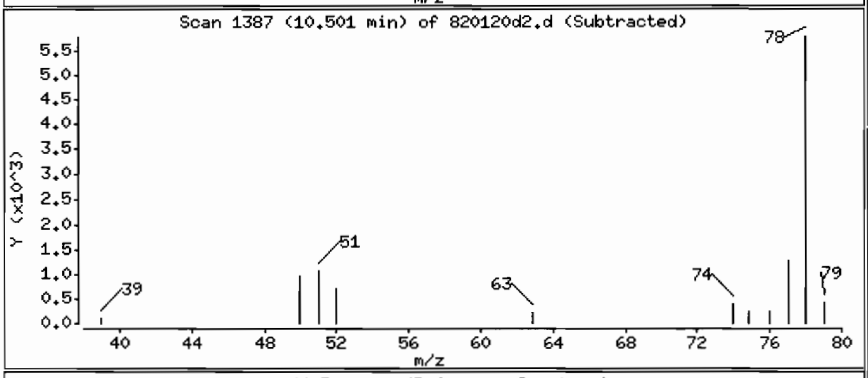
Purge Volume: 60.0 Operator: njr

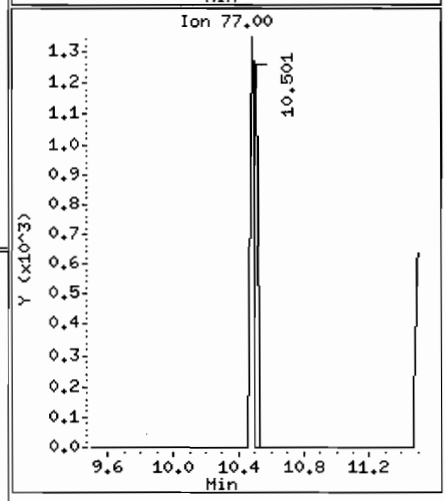
Column phase: RTX-624 Column diameter: 0.32

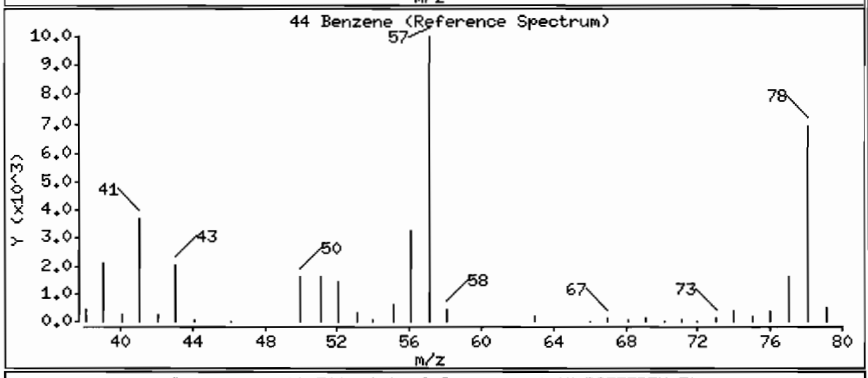
44 Benzene Concentration: 0.81 ppbv

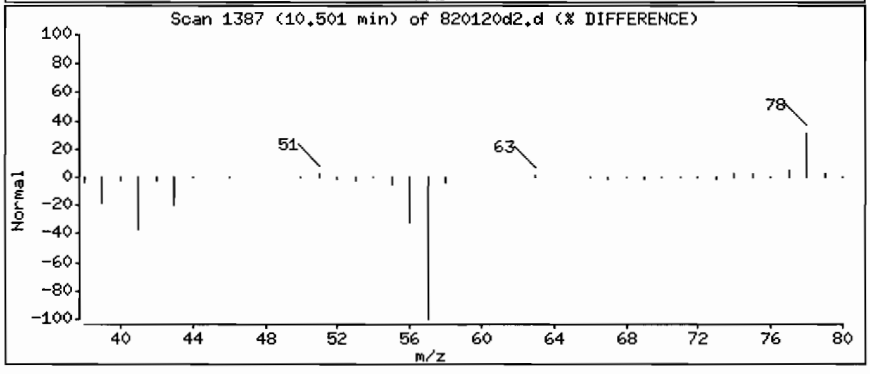












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

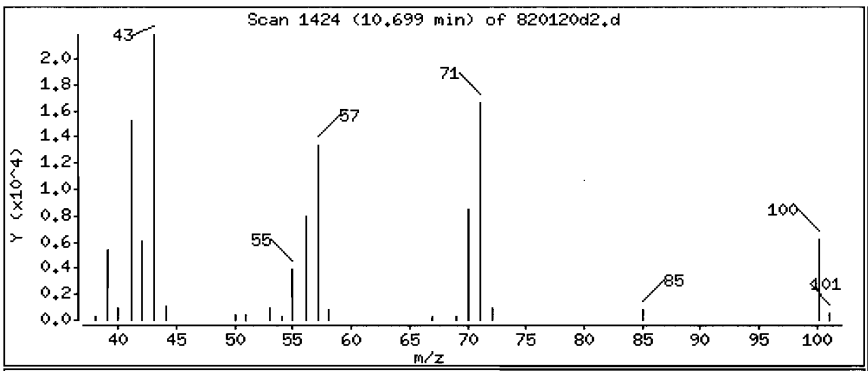
Client ID: CE-VAPOR-1 Instrument: F.i

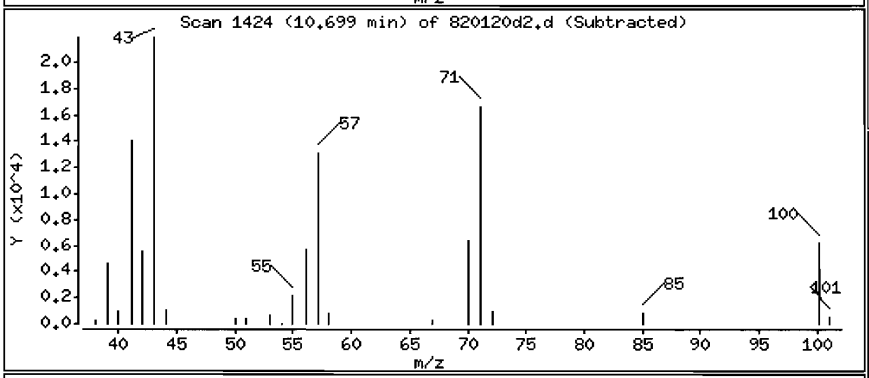
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

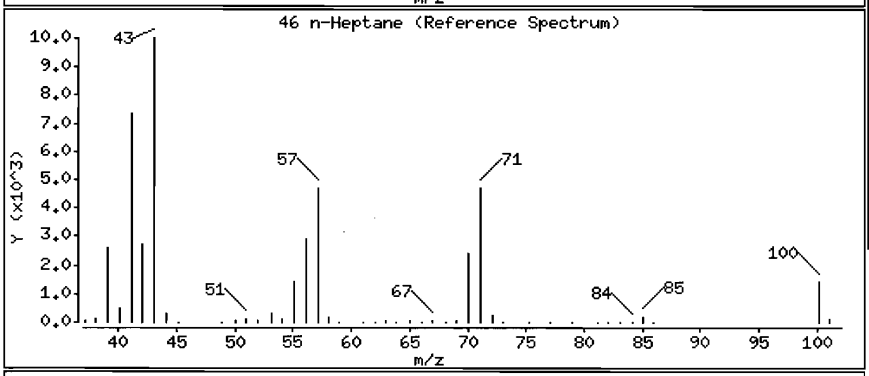
Purge Volume: 60.0 Operator: njr

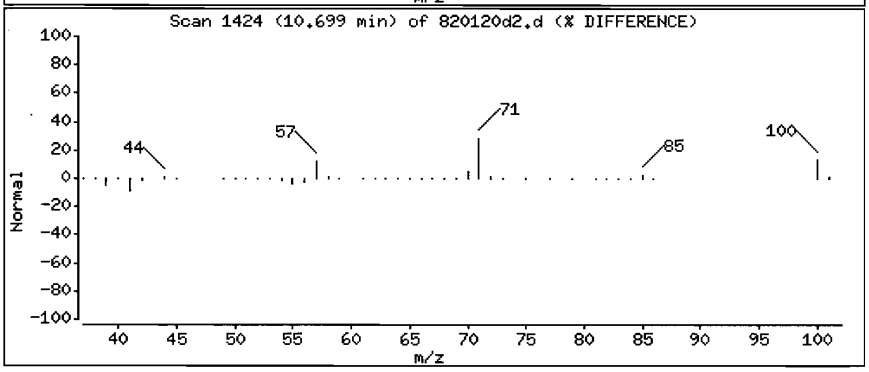
Column phase: RTX-624 Column diameter: 0.32

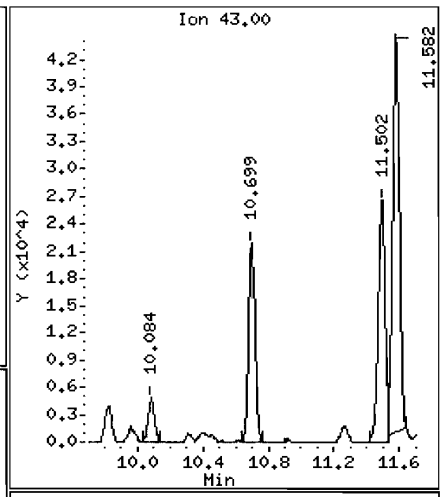
46 n-Heptane Concentration: 6.7 ppbv

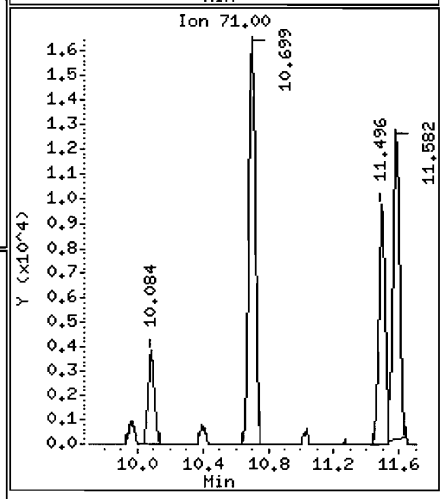












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

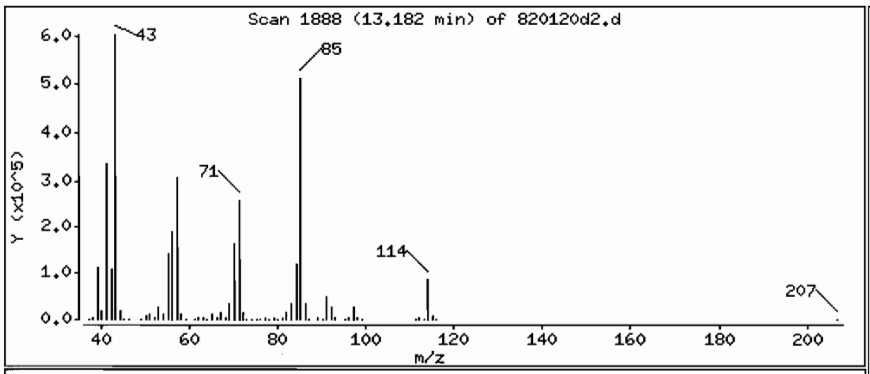
Client ID: CE-VAPOR-1 Instrument: F.i

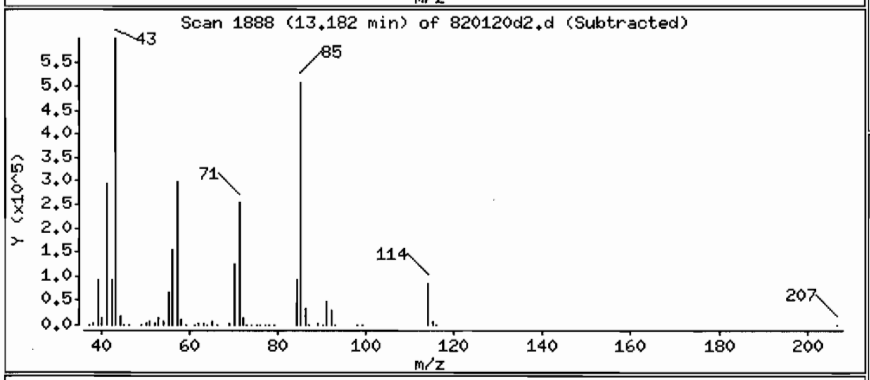
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

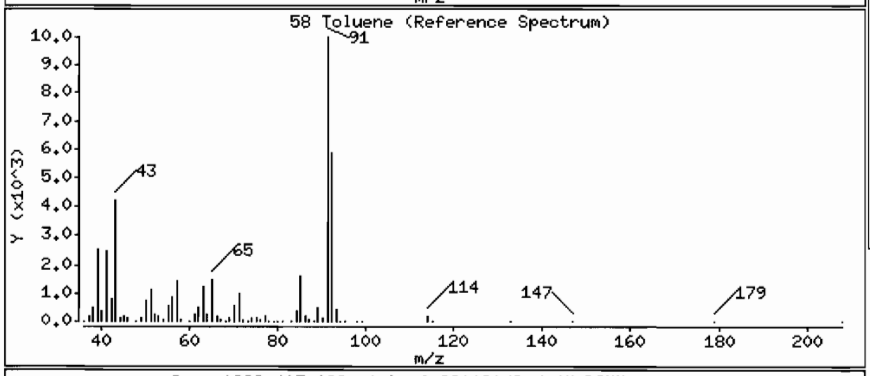
Purge Volume: 60.0 Operator: njr

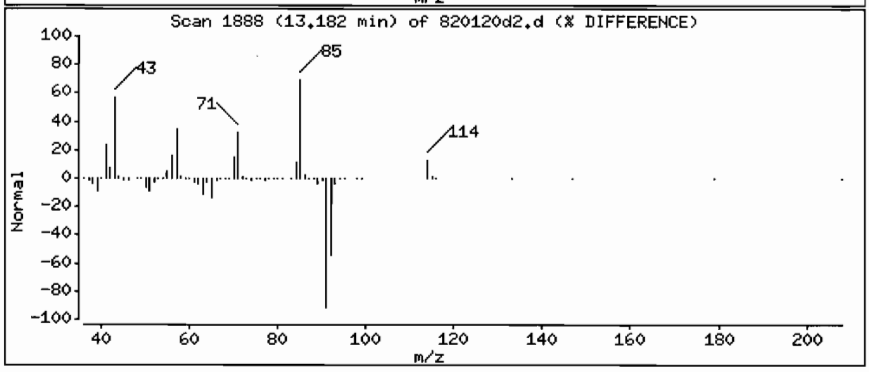
Column phase: RTX-624 Column diameter: 0.32

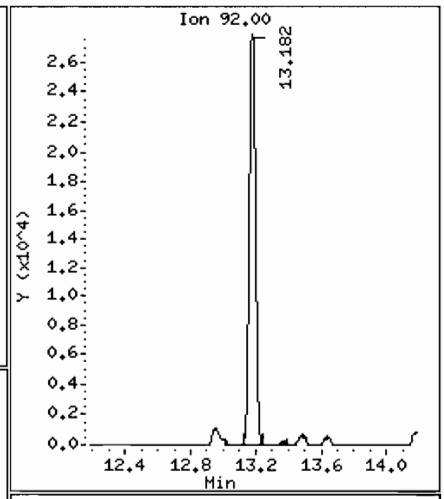
58 Toluene Concentration: 4.2 ppbv

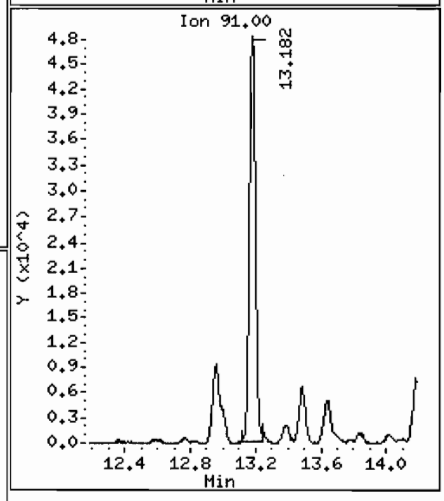












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

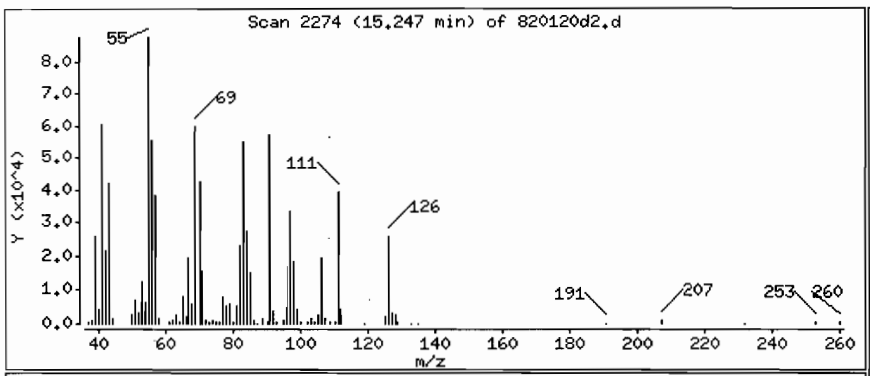
Client ID: CE-VAPOR-1 Instrument: F.i

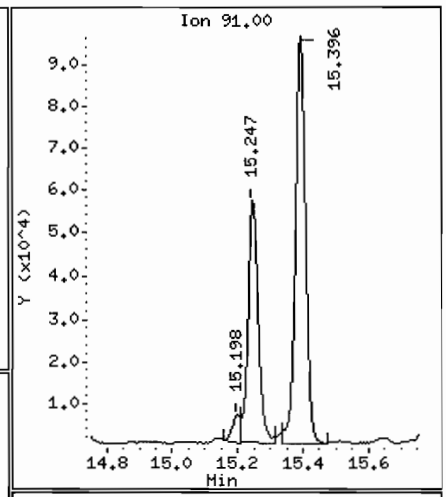
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

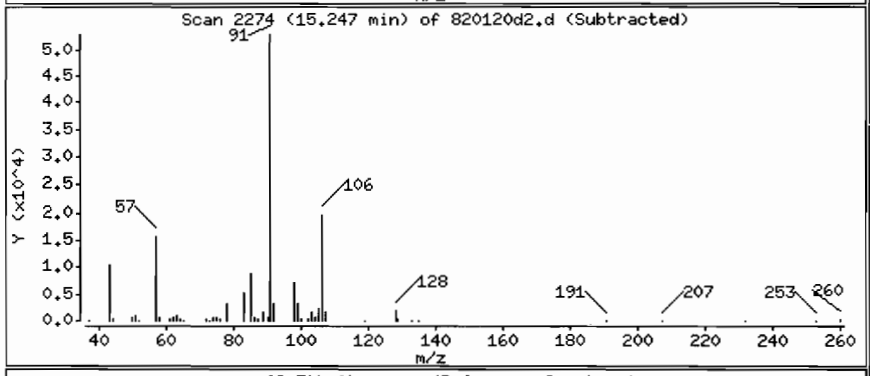
Purge Volume: 60.0 Operator: njr

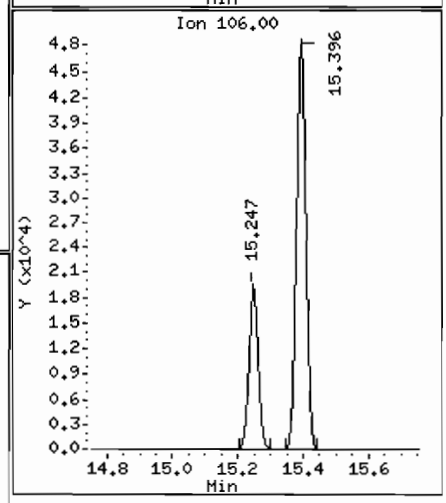
Column phase: RTX-624 Column diameter: 0.32

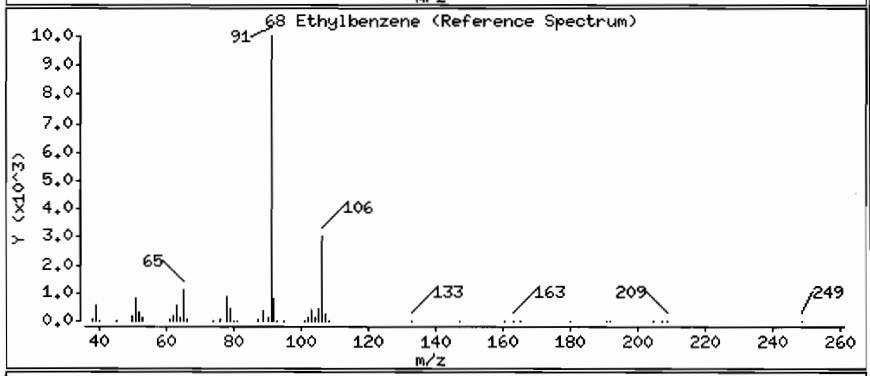
68 Ethylbenzene Concentration: 3.6 ppbv

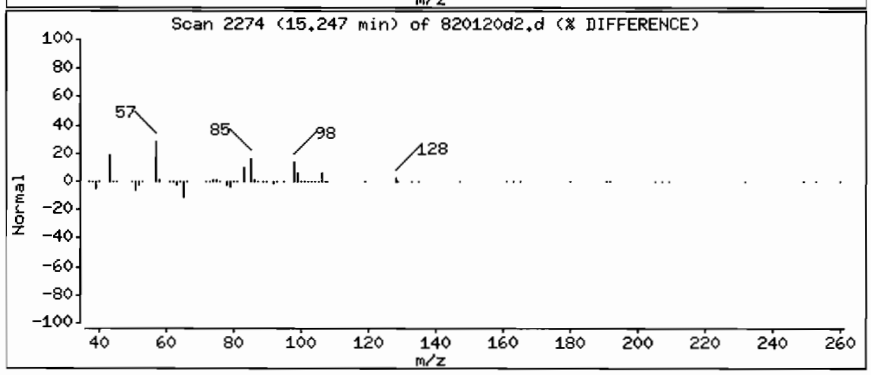












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

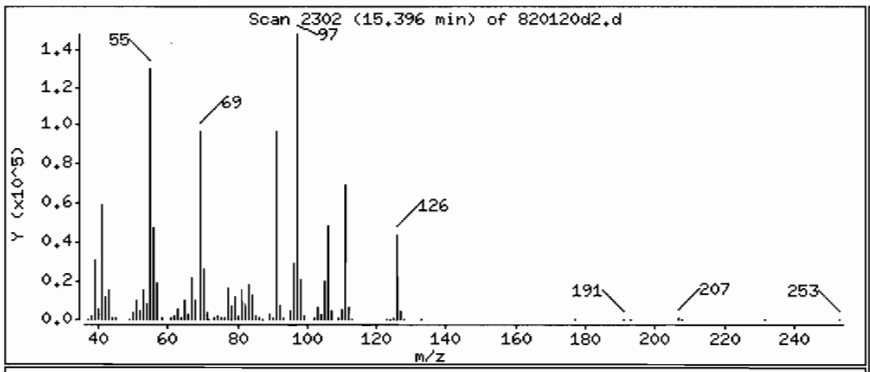
Client ID: CE-VAPOR-1 Instrument: F.i

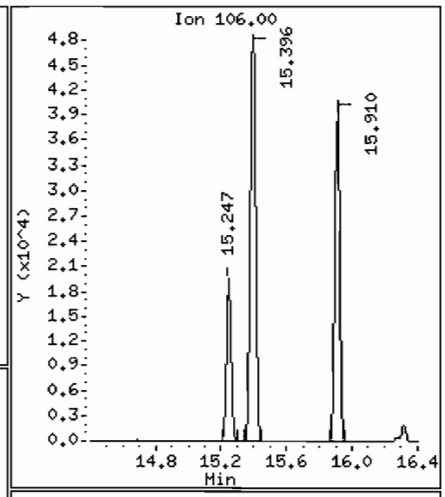
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

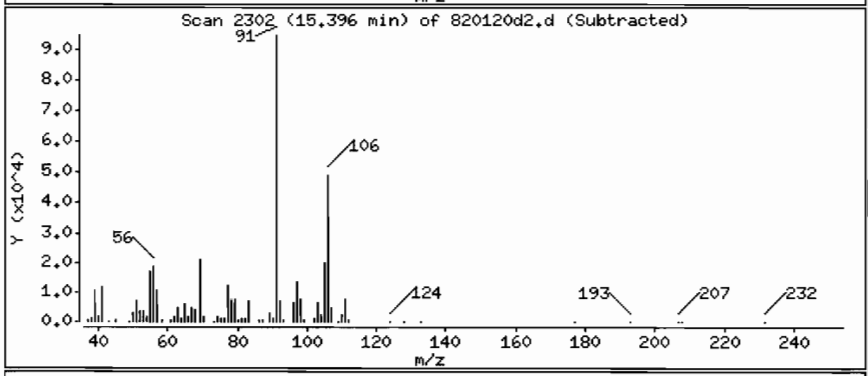
Purge Volume: 60.0 Operator: njr

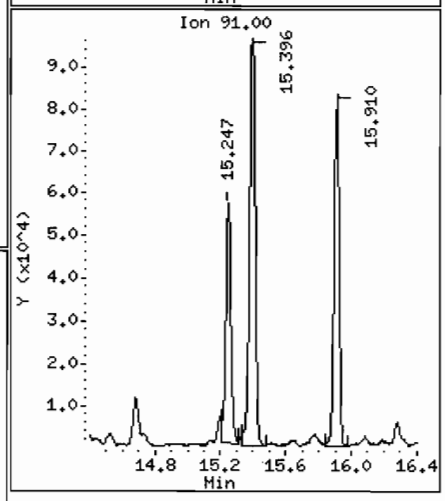
Column phase: RTX-624 Column diameter: 0.32

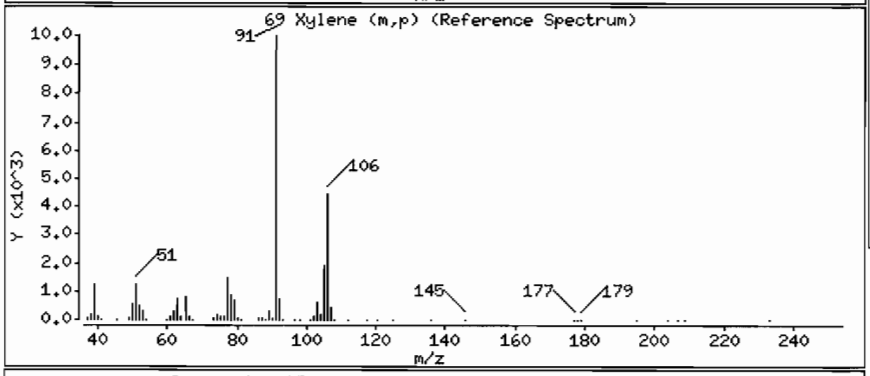
69 Xylene (m,p) Concentration: 6.8 ppbv

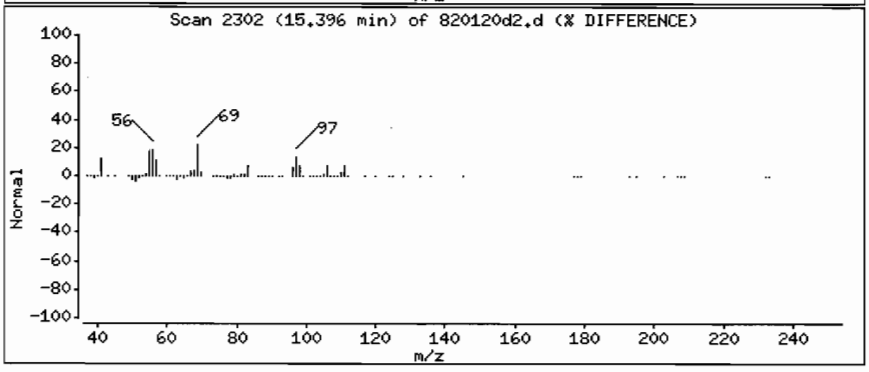












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

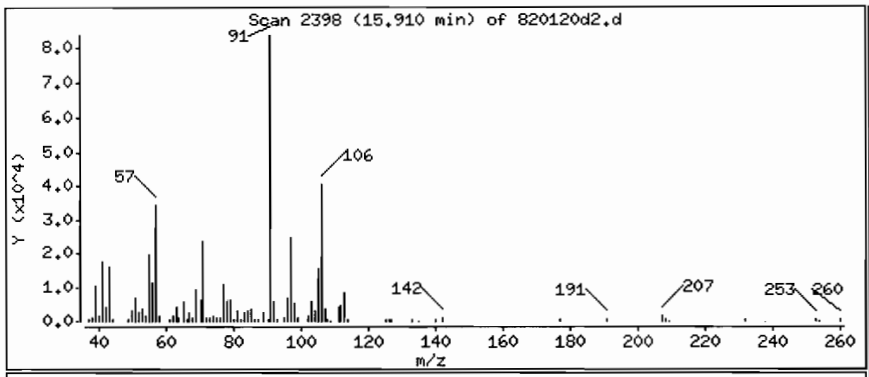
Client ID: CE-VAPOR-1 Instrument: F.i

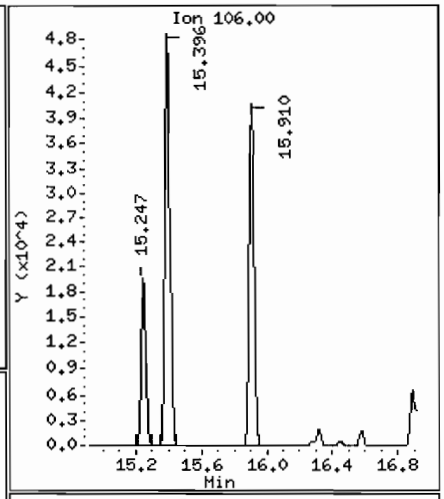
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

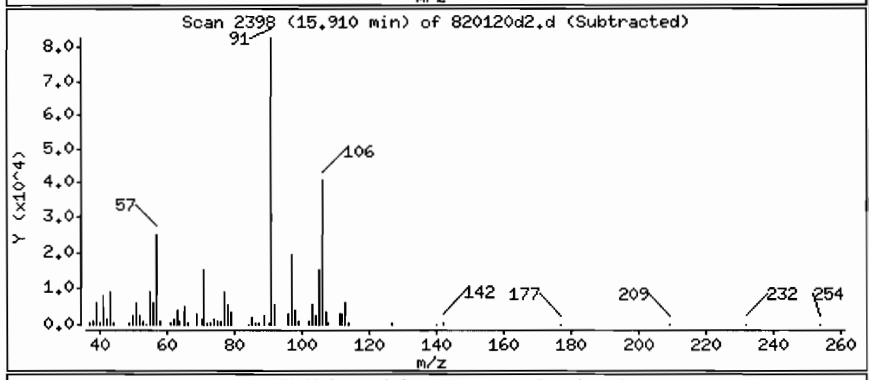
Purge Volume: 60.0 Operator: njr

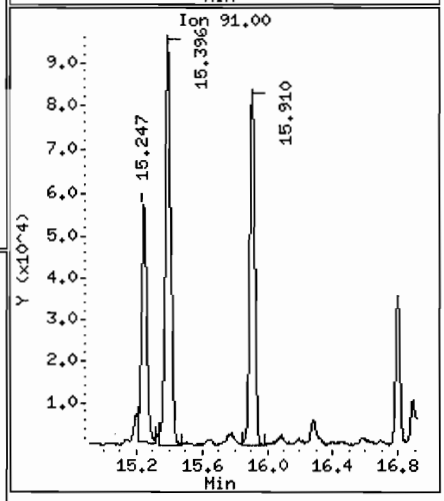
Column phase: RTX-624 Column diameter: 0.32

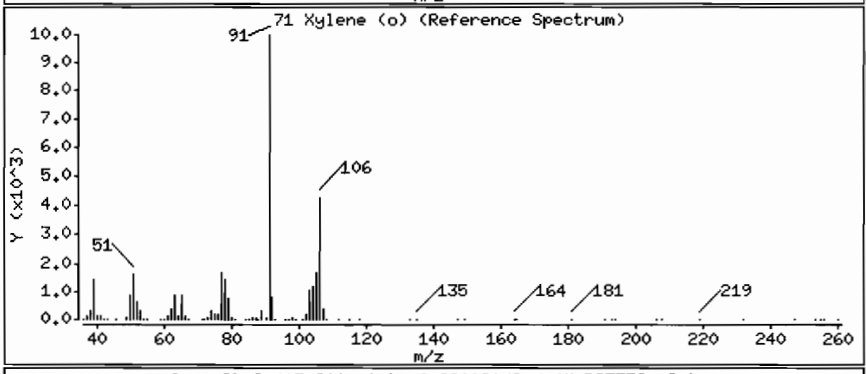
71 Xylene (o) Concentration: 5.3 ppbv

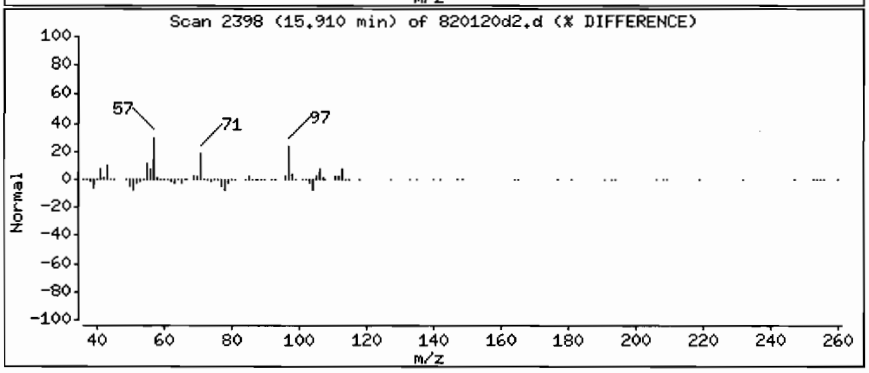












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

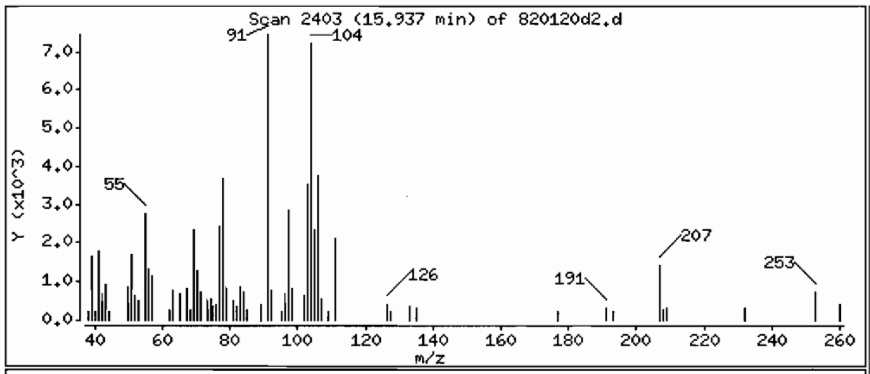
Client ID: CE-VAPOR-1 Instrument: F.i

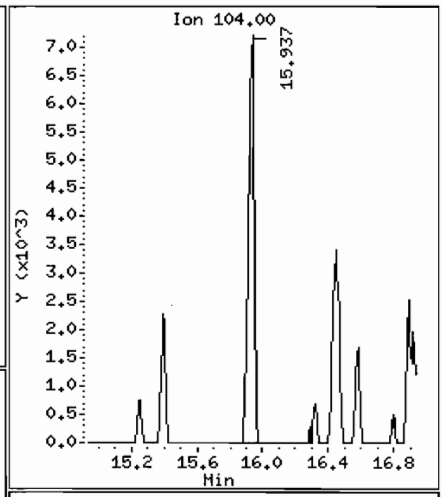
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

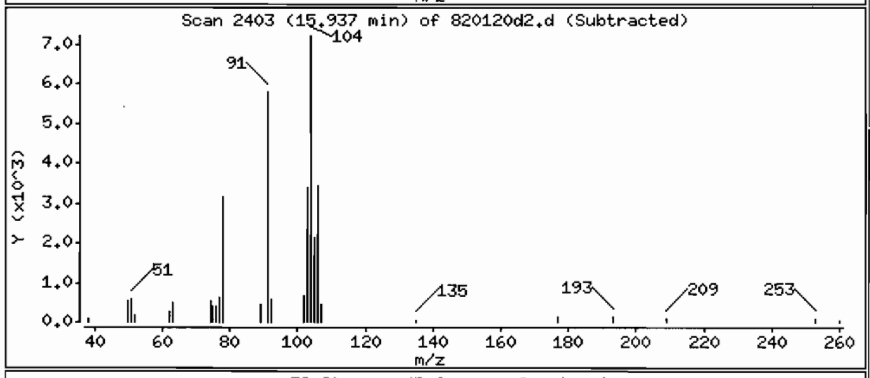
Purge Volume: 60.0 Operator: njr

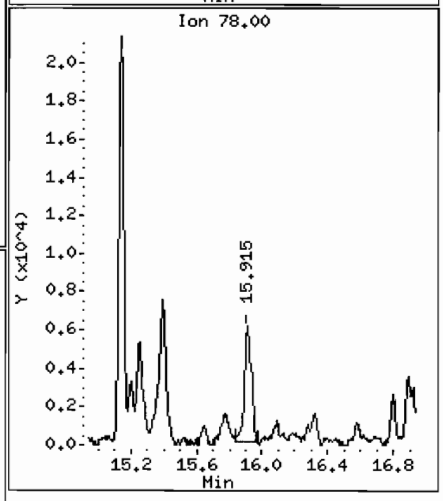
Column phase: RTX-624 Column diameter: 0.32

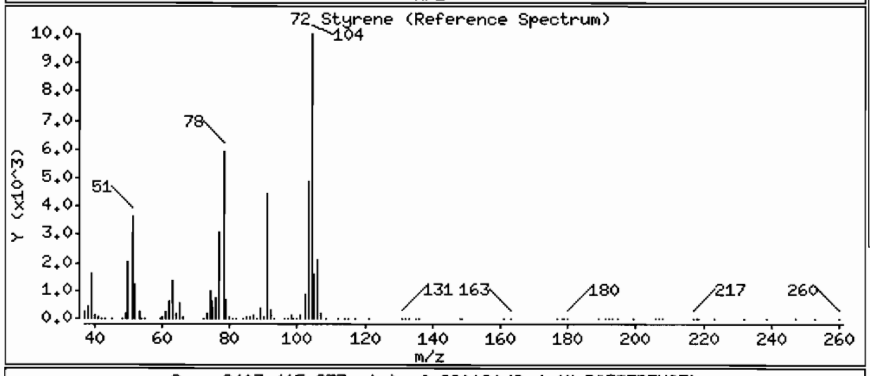
72 Styrene Concentration: 0.77 ppbv

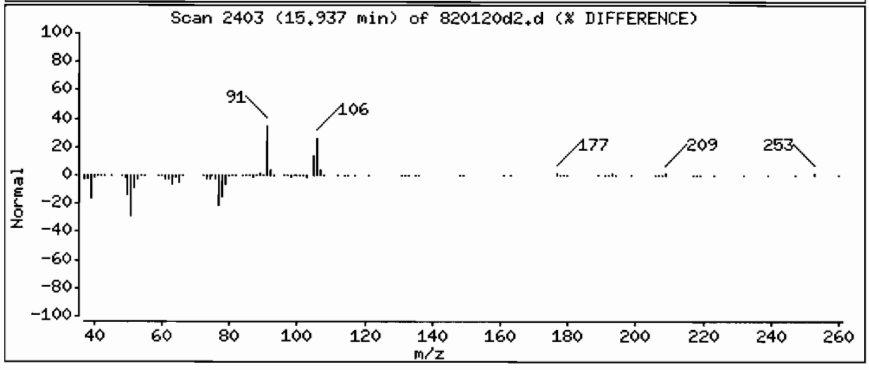












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

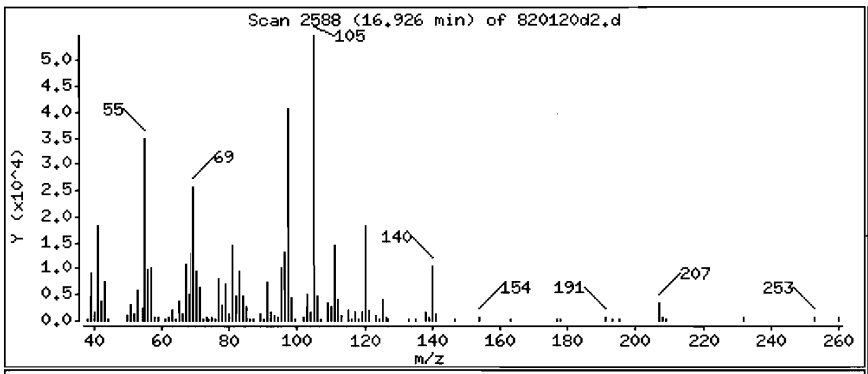
Client ID: CE-VAPOR-1 Instrument: F.i

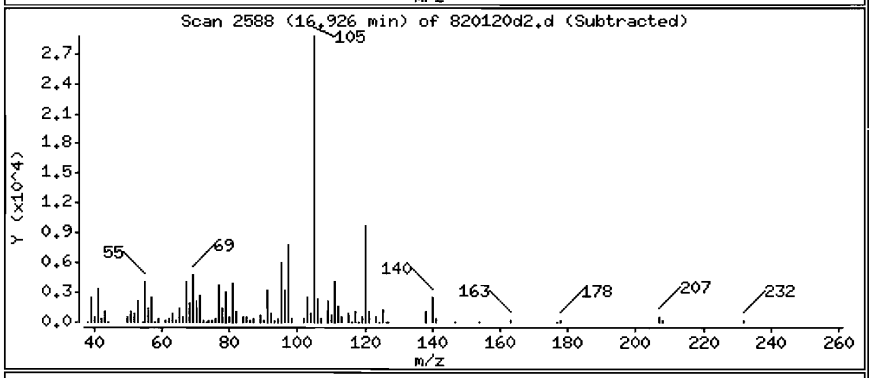
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

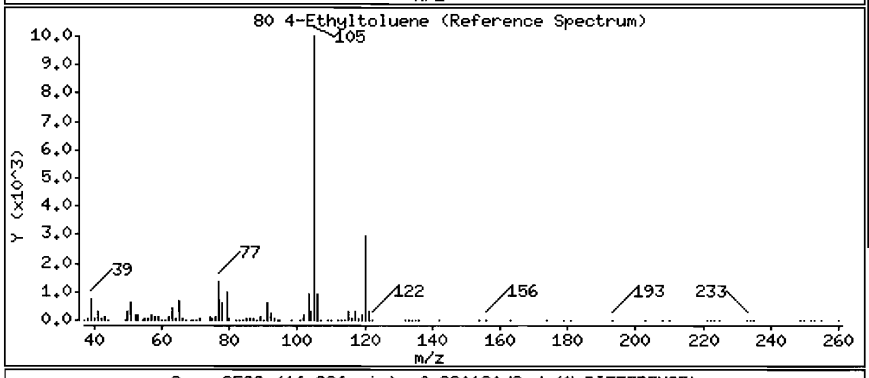
Purge Volume: 60.0 Operator: njr

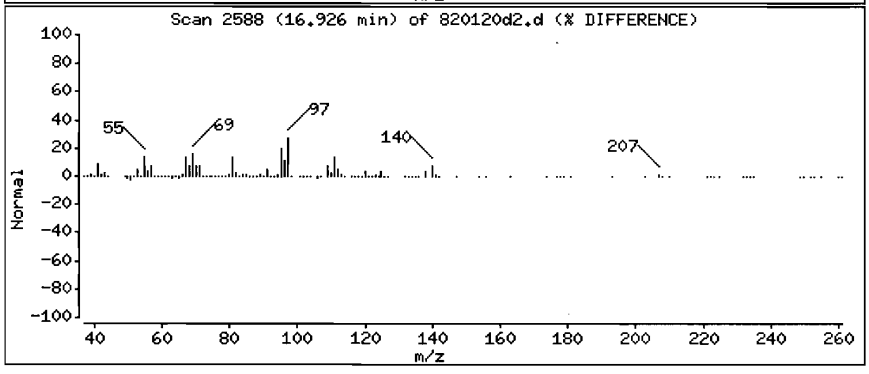
Column phase: RTX-624 Column diameter: 0.32

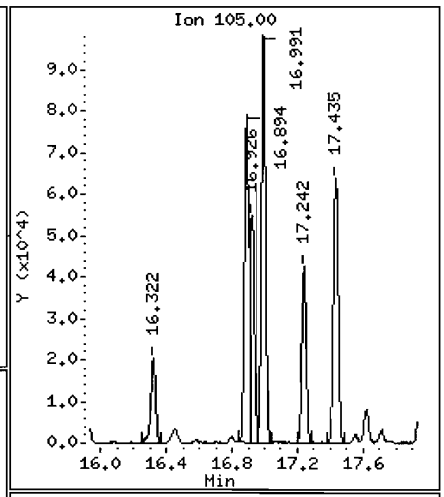
80 4-Ethyltoluene Concentration: 2.0 ppbv

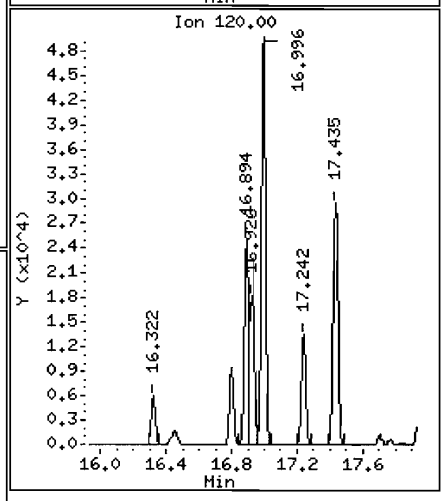












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

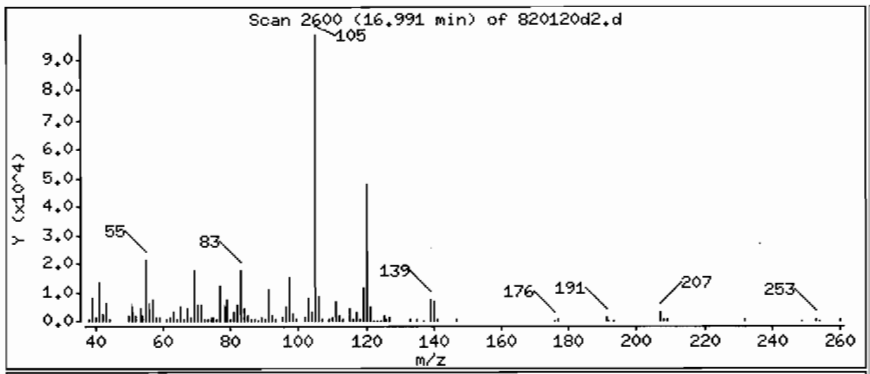
Client ID: CE-VAPOR-1 Instrument: F.i

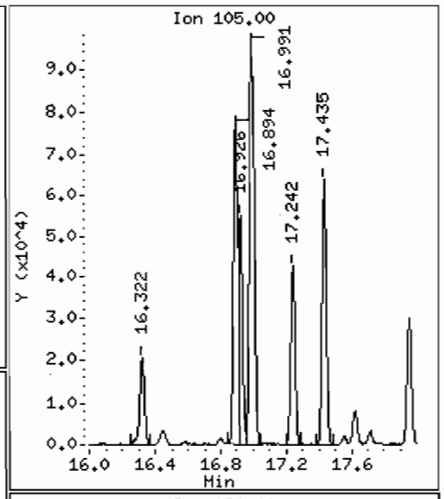
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

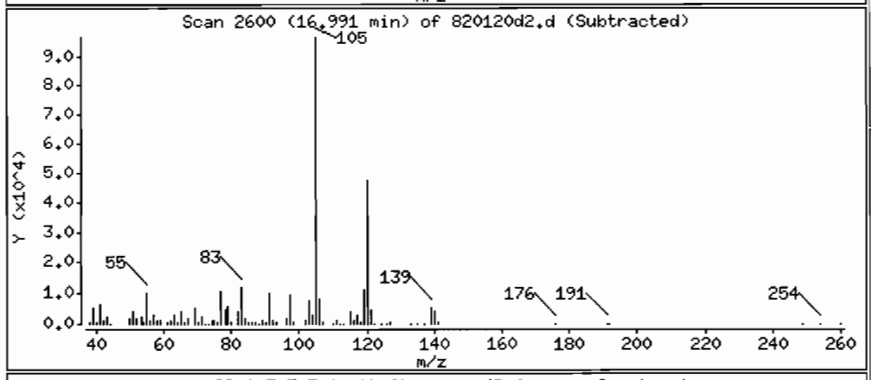
Purge Volume: 60.0 Operator: njr

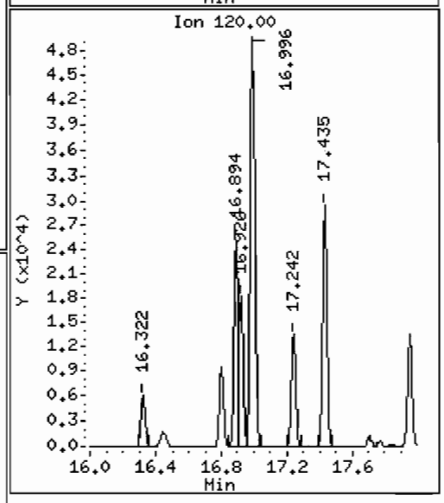
Column phase: RTX-624 Column diameter: 0.32

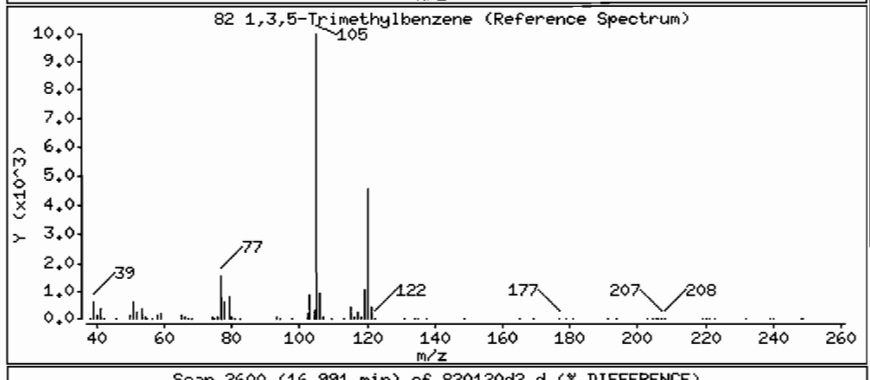
82 1,3,5-Trimethylbenzene Concentration: 4.8 ppbv

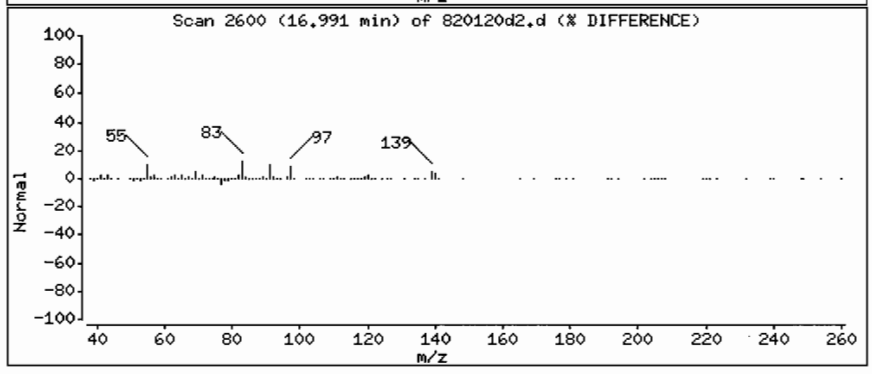












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

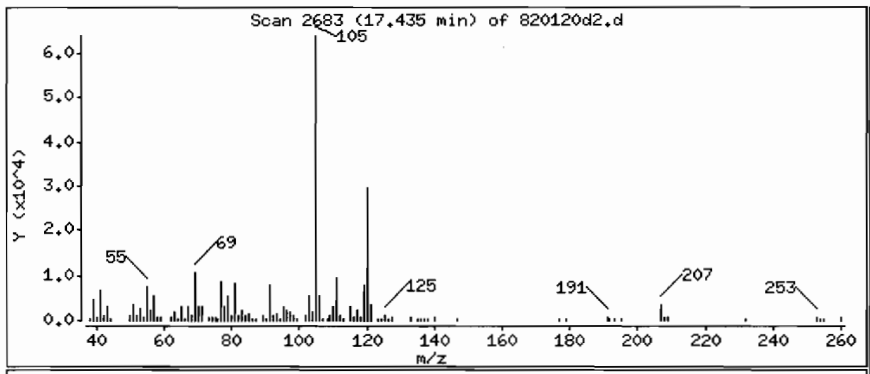
Client ID: CE-VAPOR-1 Instrument: F.i

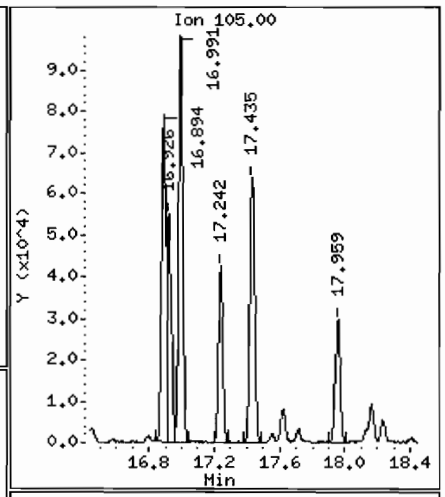
Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

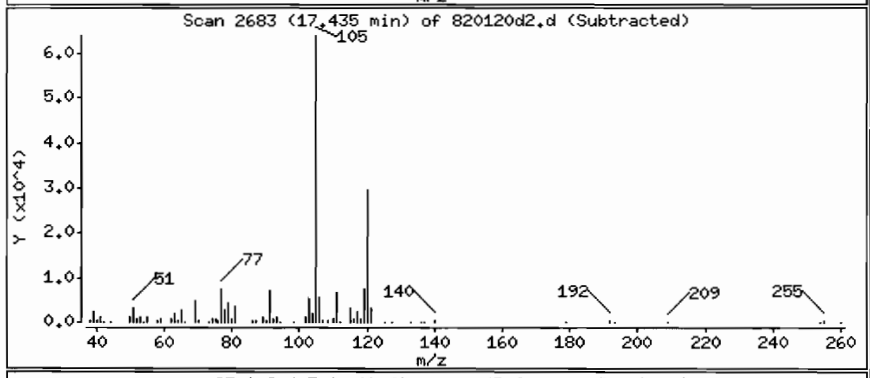
Purge Volume: 60.0 Operator: njr

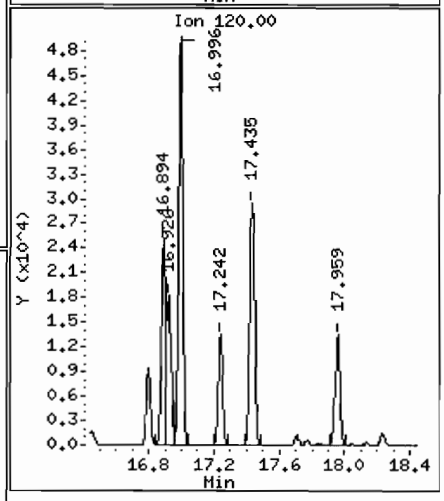
Column phase: RTX-624 Column diameter: 0.32

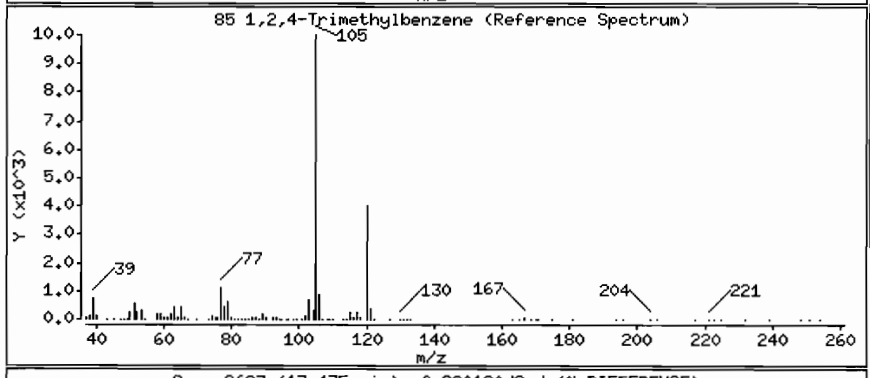
85 1,2,4-Trimethylbenzene Concentration: 3.1 ppbv

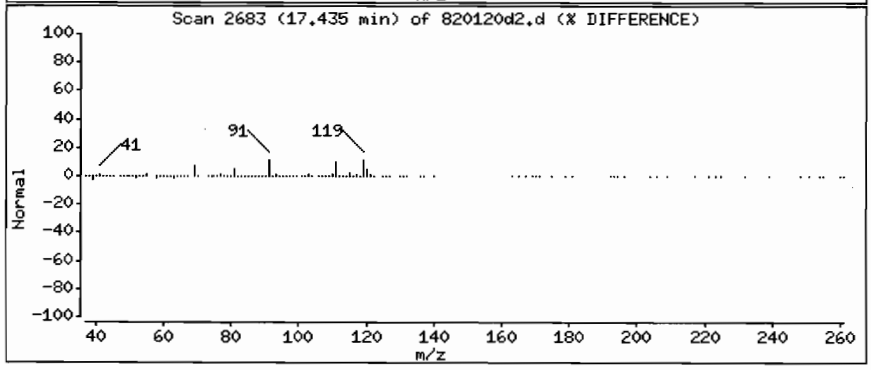












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820120d2.d

Date : 17-FEB-2010 10:06

Client ID: CE-VAPOR-1

Instrument: F.i

Sample Info: CE-VAPOR-1 :[ ]02/08/10 @1418(AIR)

Purge Volume: 60.0

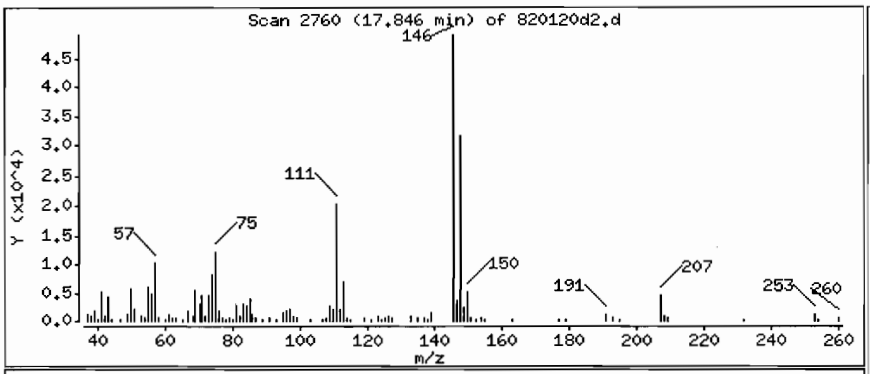
Operator: njr

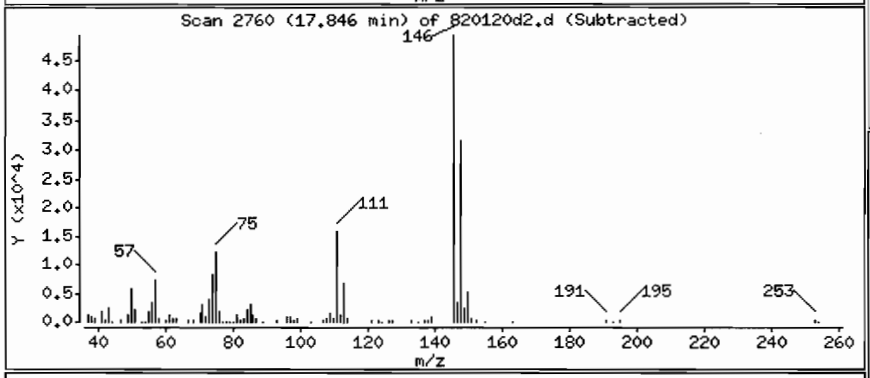
Column phase: RTX-624

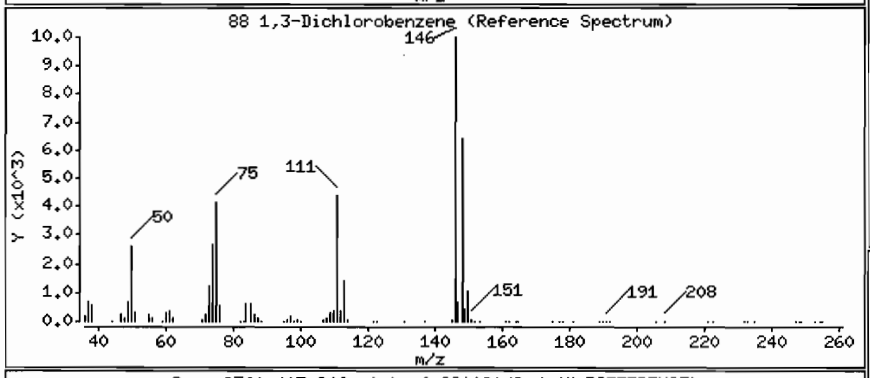
Column diameter: 0.32

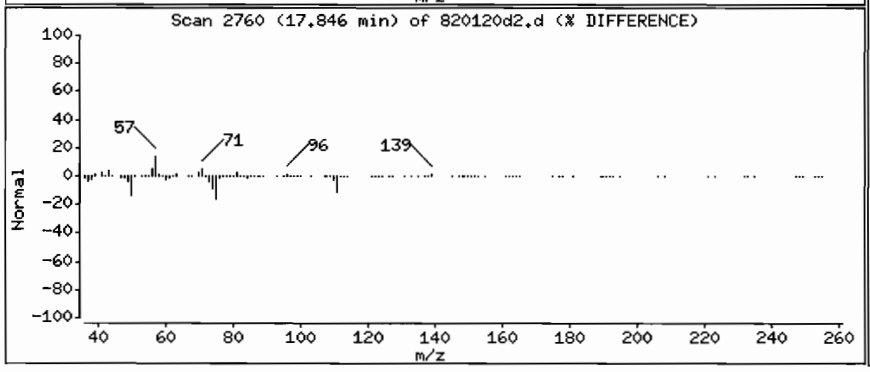
88 1,3-Dichlorobenzene

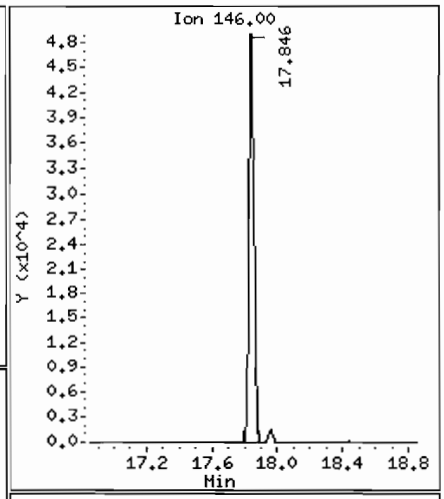
Concentration: 3.4 ppbv

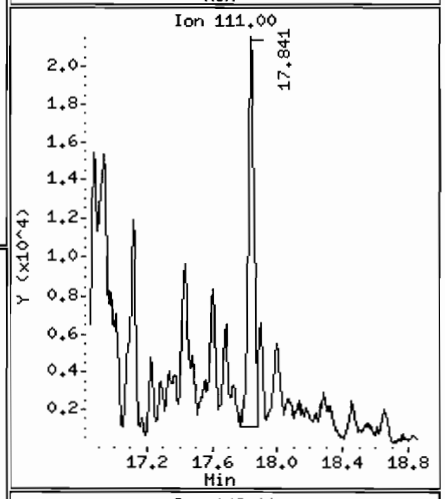


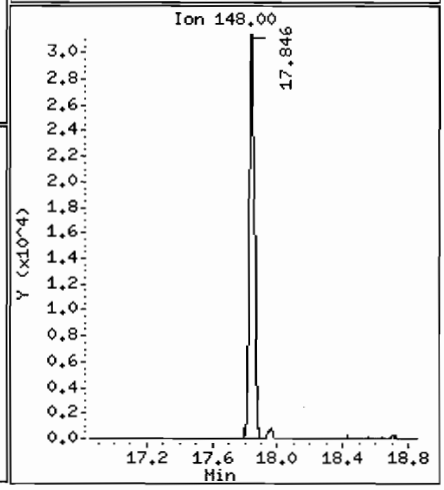












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820121

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 820121D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/16/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	7.6	
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	58	
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	8.5	
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	7.4	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820121

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 820121D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/16/10

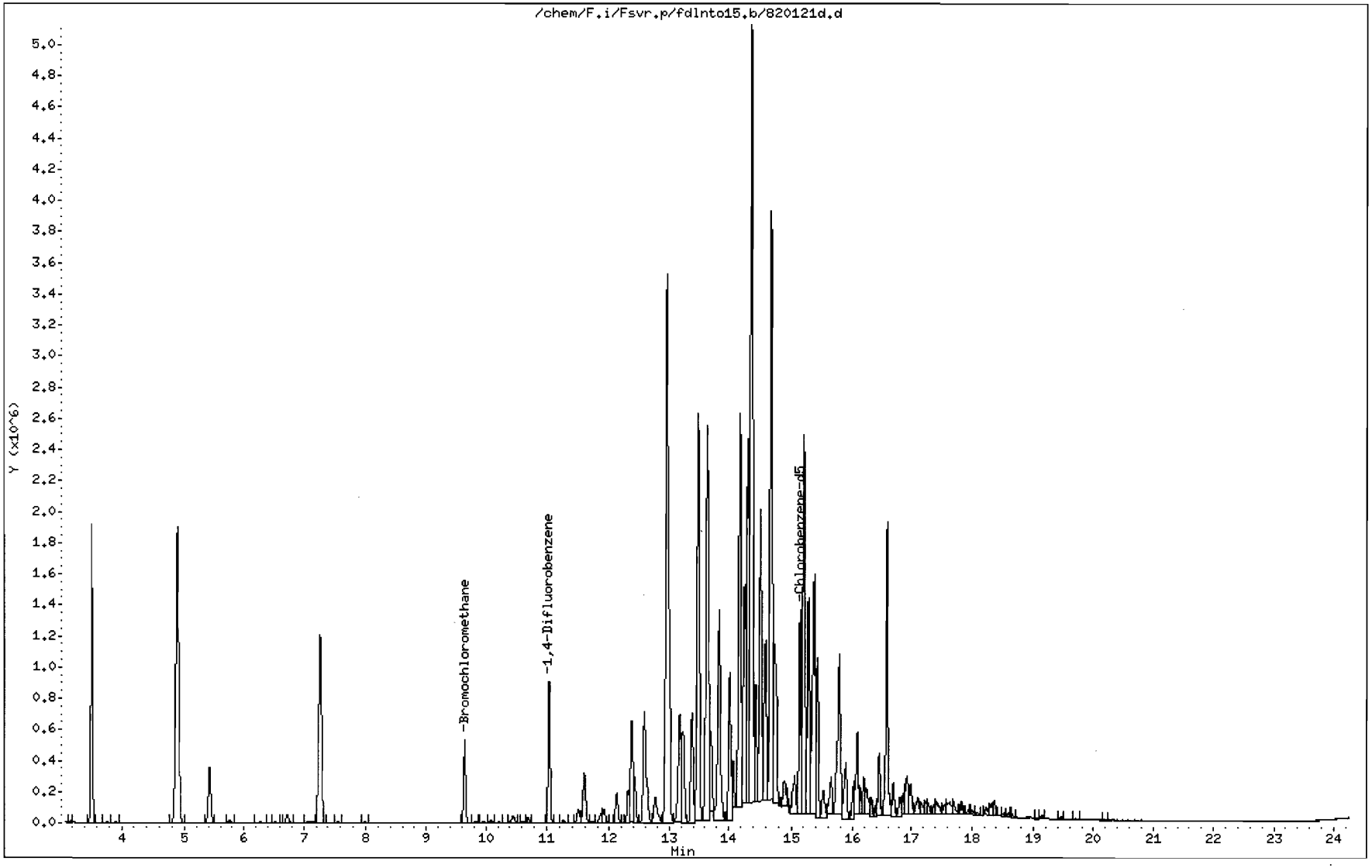
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.4	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	3.3	
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	5.2	
1330-20-7	Xylenes, Total	5.2	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	6.0	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	3.9	
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d
Date : 16-FEB-2010 22:29
Client ID: CE-VAPOR-2
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)
Purge Volume: 20.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d
Lab Smp Id: 820121 Client Smp ID: CE-VAPOR-2
Inj Date : 16-FEB-2010 22:29
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)
Misc Info : 820121;021610FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 11
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.804	4.809	(0.498)	5993	0.76047	7.6
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.730	6.719	(0.698)	97762	5.76905	58
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	213410	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	9.977	9.983	(0.904)	4795	0.19990	2.0
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.453	10.459	(0.947)	61691	0.84944	8.5
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.969)	18826	0.74440	7.4
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1018761	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	10204	0.23510	2.4(Q)
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	943344	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	31565	0.32845	3.3
	69 Xylene (m,p)	106	Compound Not Detected.					
	71 Xylene (o)	106	15.905	15.915	(1.051)	19894	0.51984	5.2
M	70 Xylenes, Total	106				19894	0.51984	5.2
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	59549	0.59838	6.0
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	29858	0.38740	3.9(QH)
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

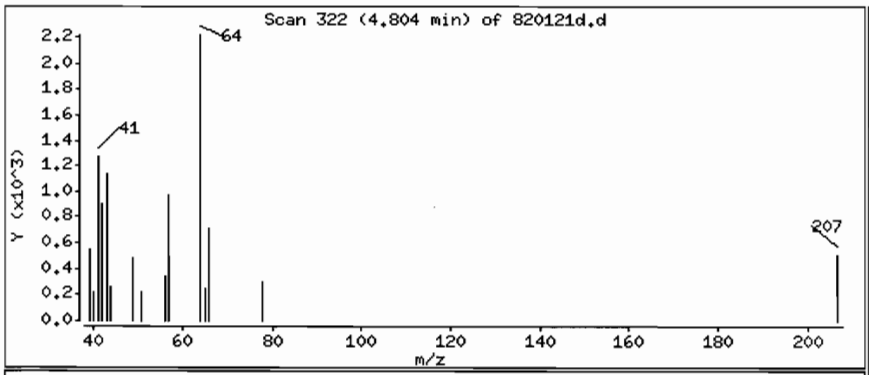
Client ID: CE-VAPOR-2 Instrument: F.i

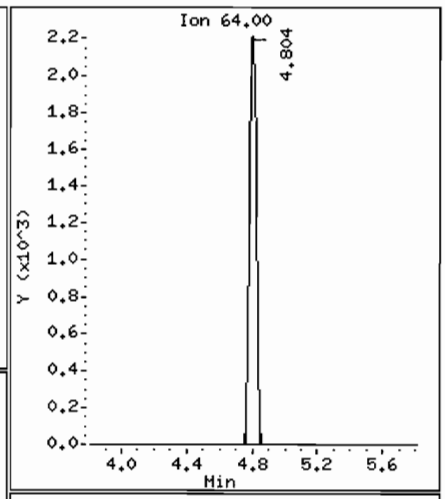
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

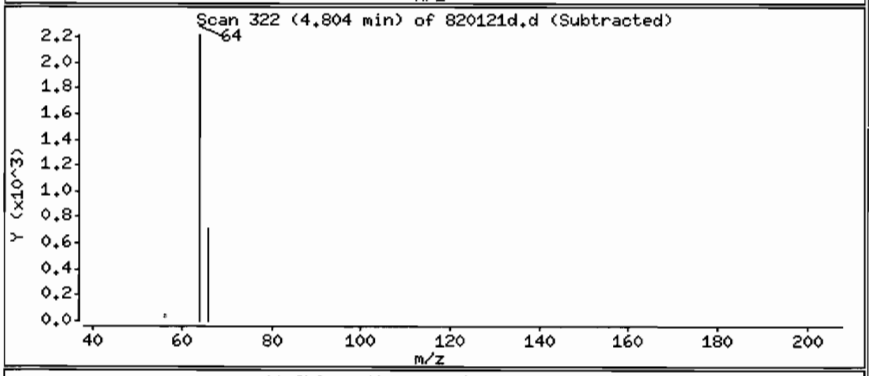
Purge Volume: 20.0 Operator: wrd

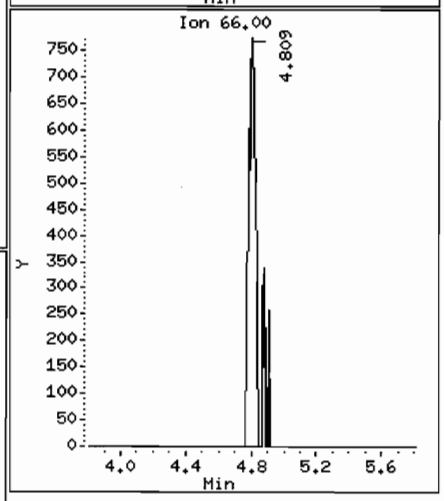
Column phase: RTX-624 Column diameter: 0.32

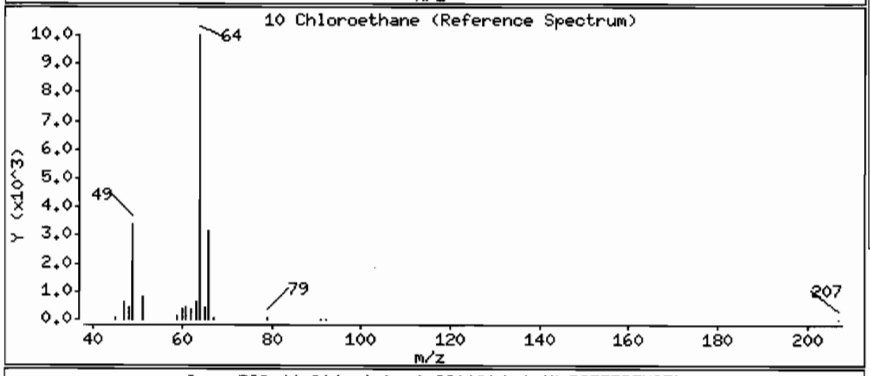
10 Chloroethane Concentration: 7.6 ppbv

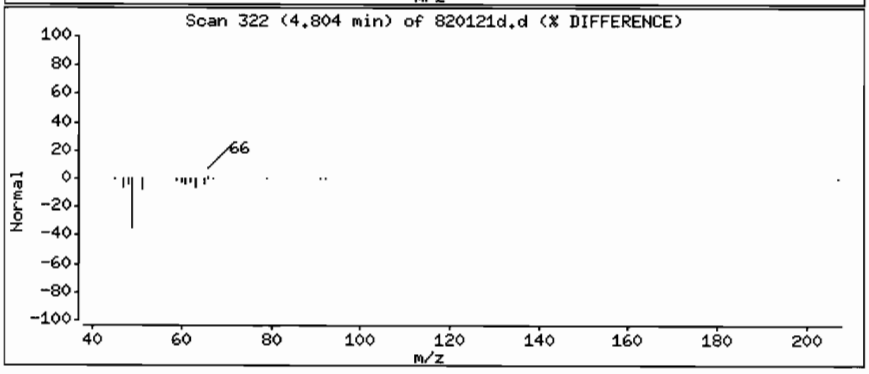












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

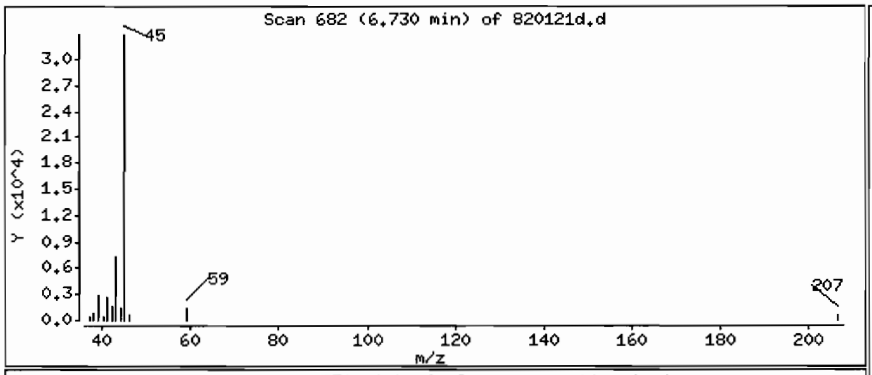
Client ID: CE-VAPOR-2 Instrument: F.i

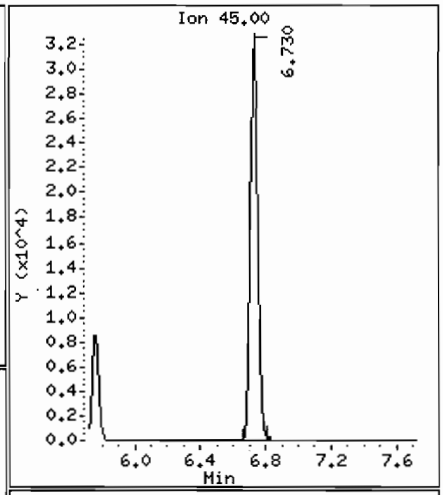
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

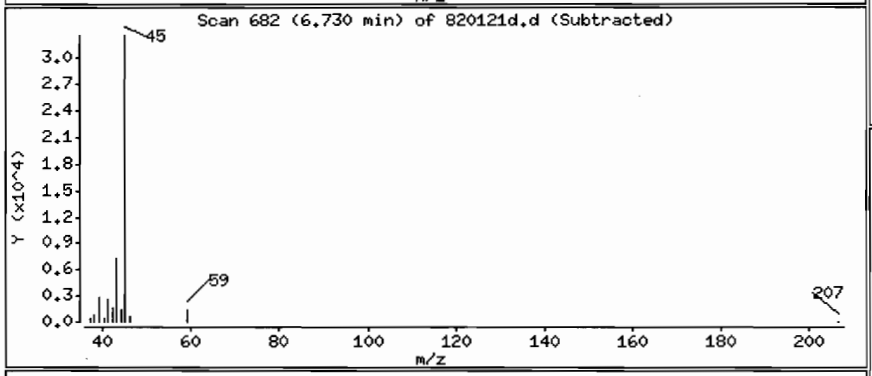
Purge Volume: 20.0 Operator: wrd

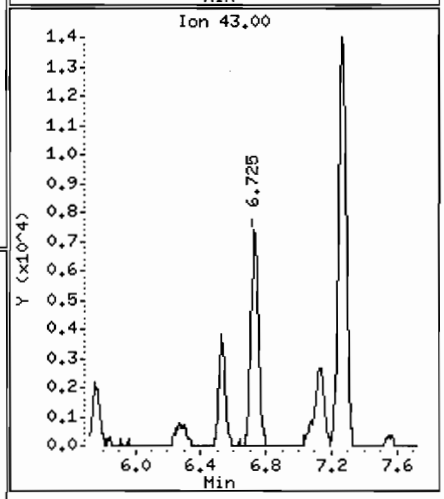
Column phase: RTX-624 Column diameter: 0.32

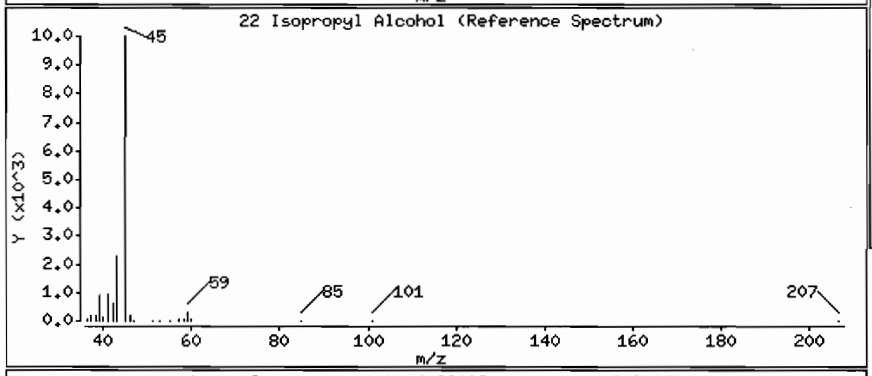
22 Isopropyl Alcohol Concentration: 58 ppbv

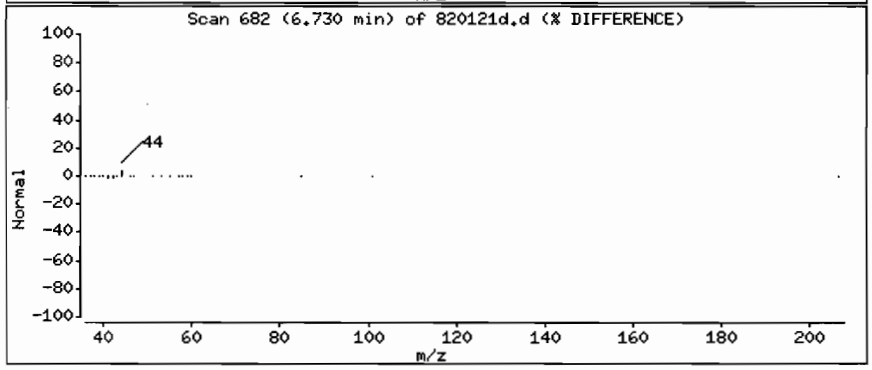












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

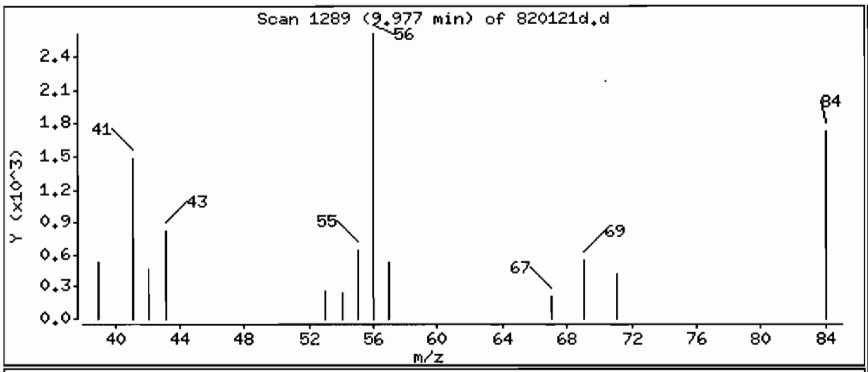
Client ID: CE-VAPOR-2 Instrument: F.i

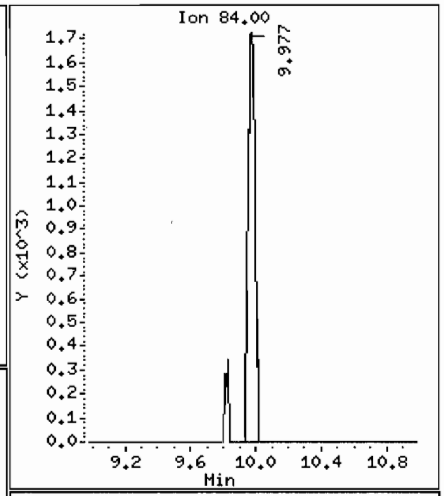
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

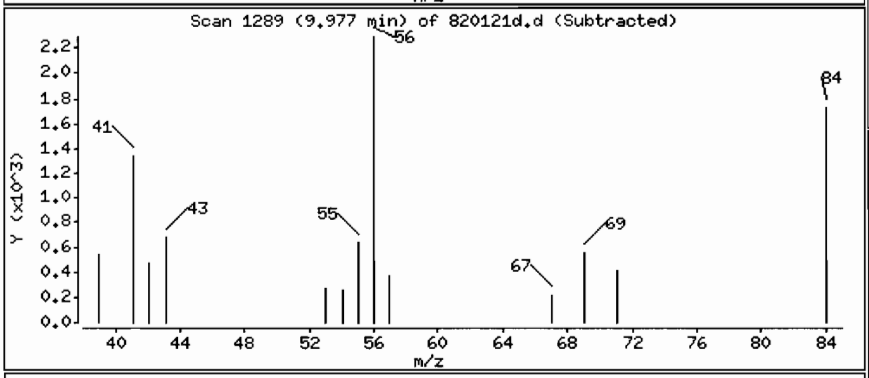
Purge Volume: 20.0 Operator: wrd

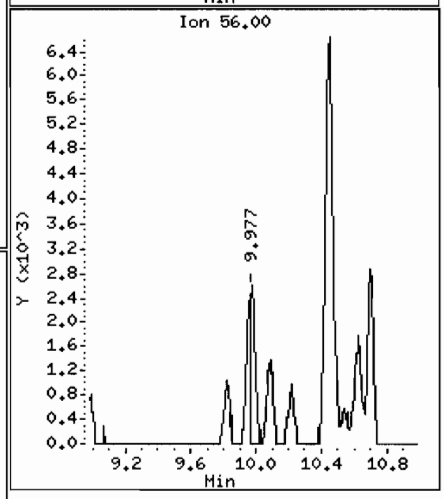
Column phase: RTX-624 Column diameter: 0.32

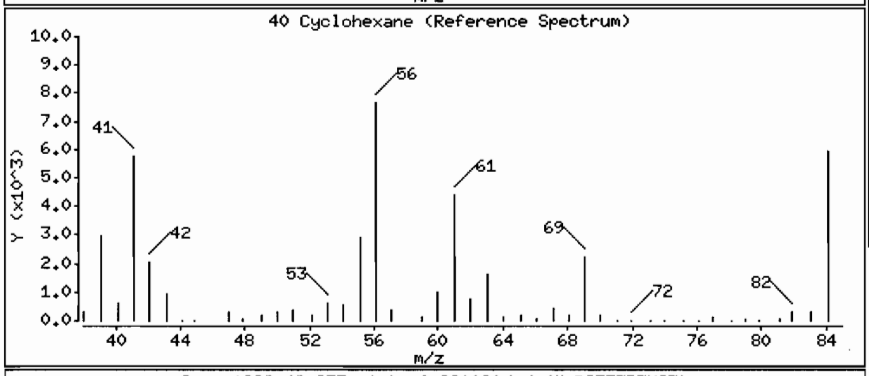
40 Cyclohexane Concentration: 2.0 ppbv

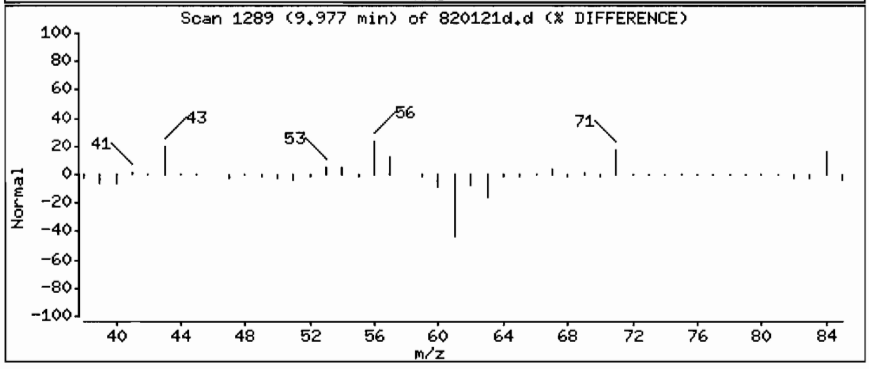












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

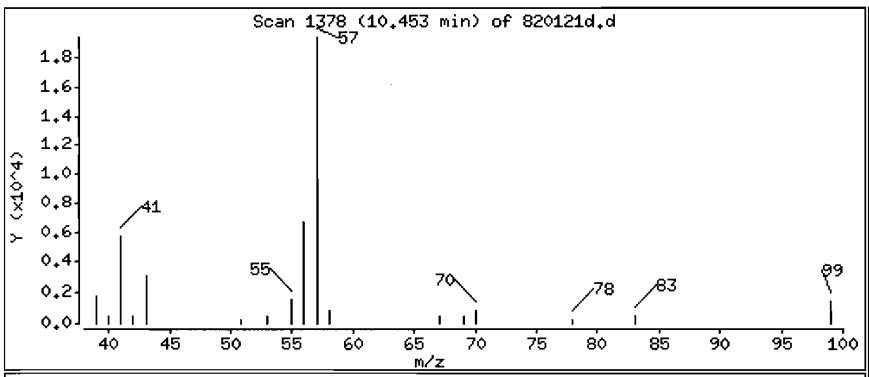
Client ID: CE-VAPOR-2 Instrument: F.i

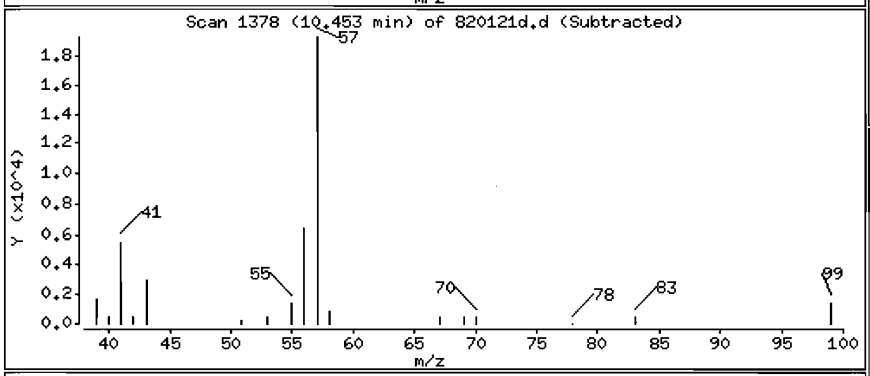
Sample Info: CE-VAPOR-2 :[J02/08/10 @1430(AIR)

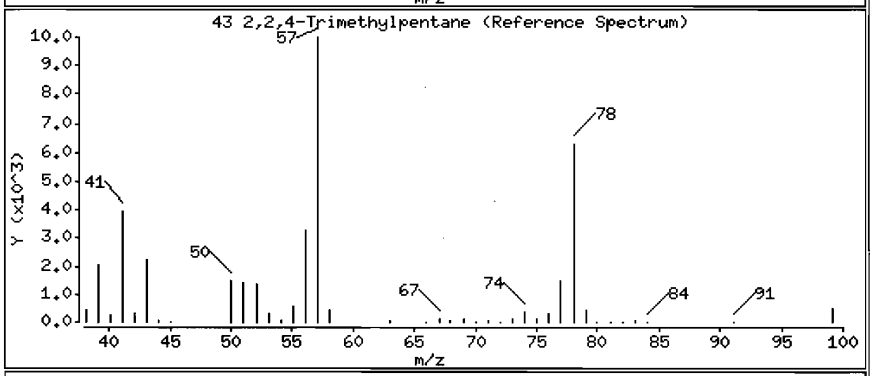
Purge Volume: 20.0 Operator: wrd

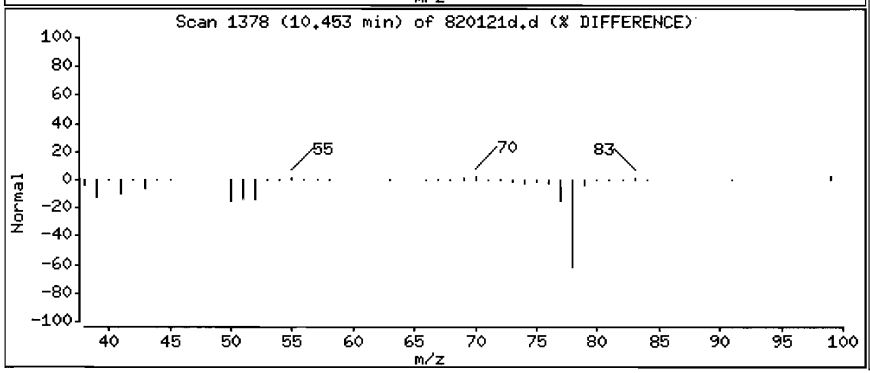
Column phase: RTX-624 Column diameter: 0.32

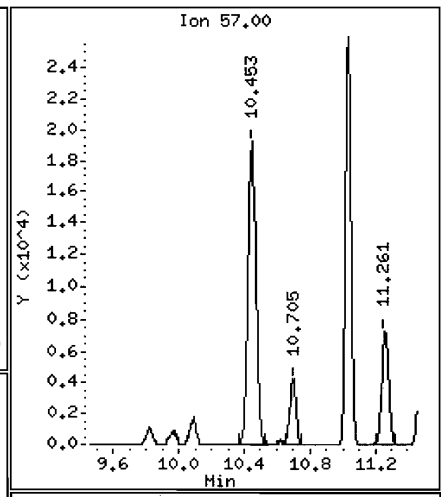
43 2,2,4-Trimethylpentane Concentration: 8.5 ppbv

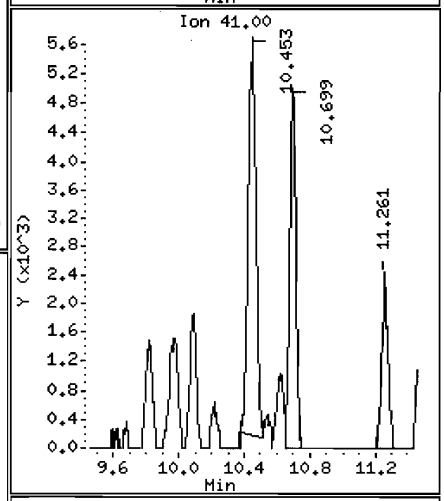


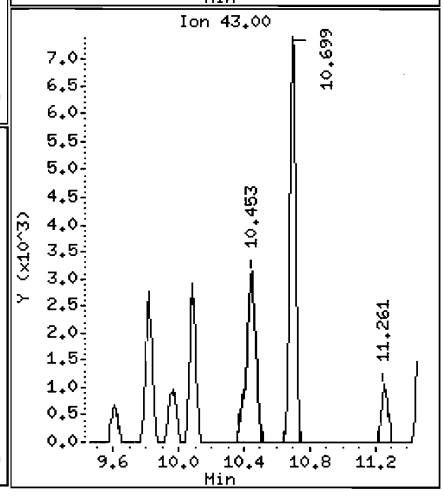












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

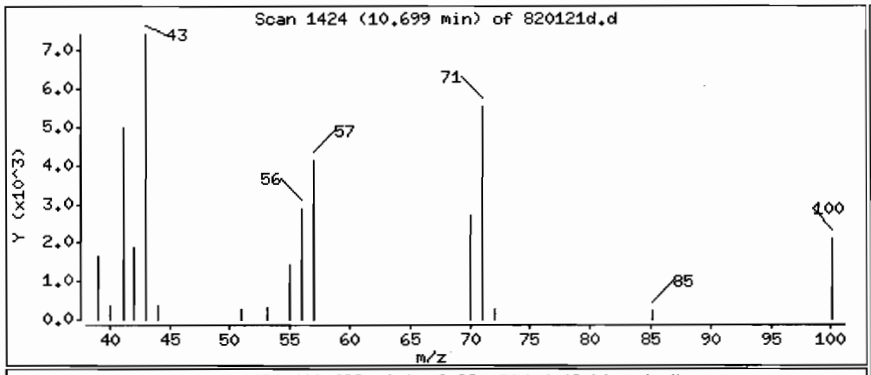
Client ID: CE-VAPOR-2 Instrument: F.i

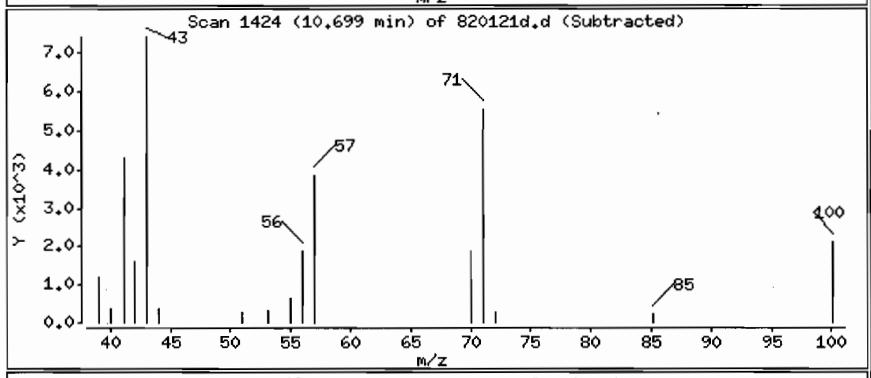
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

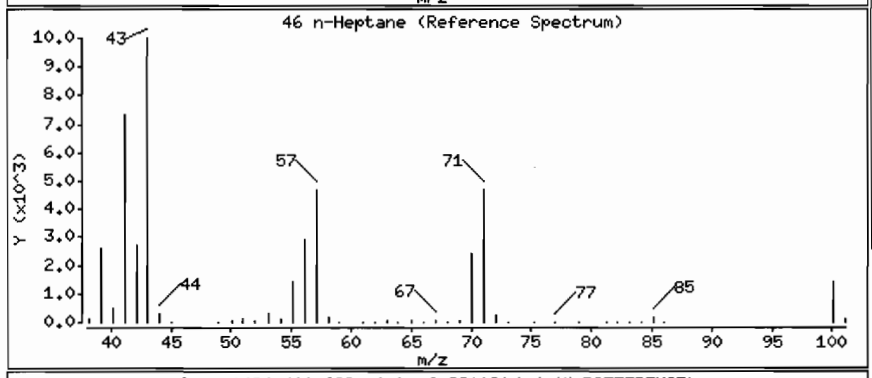
Purge Volume: 20.0 Operator: wrd

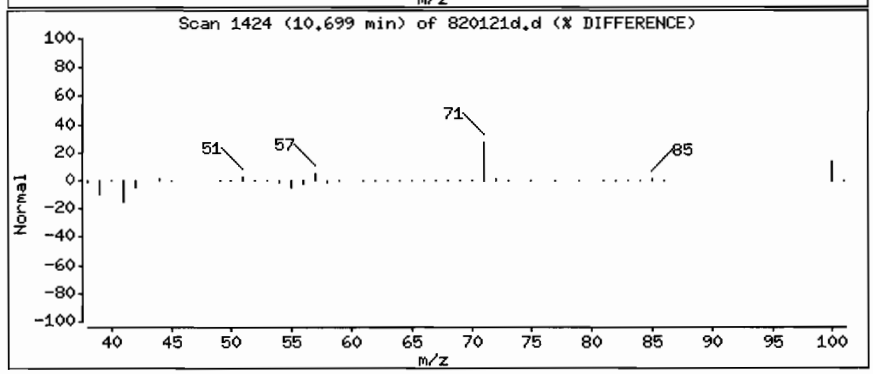
Column phase: RTX-624 Column diameter: 0.32

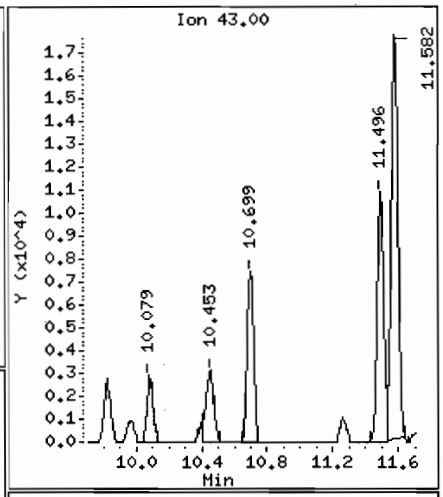
46 n-Heptane Concentration: 7.4 ppbv

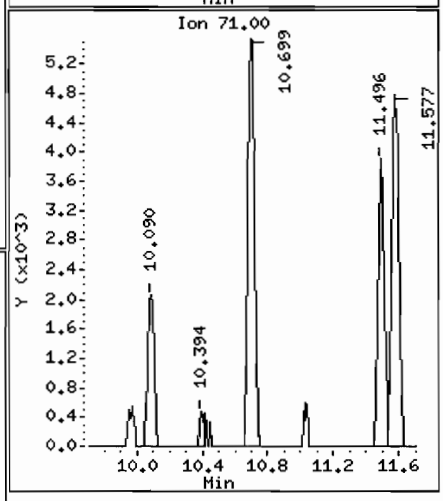












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

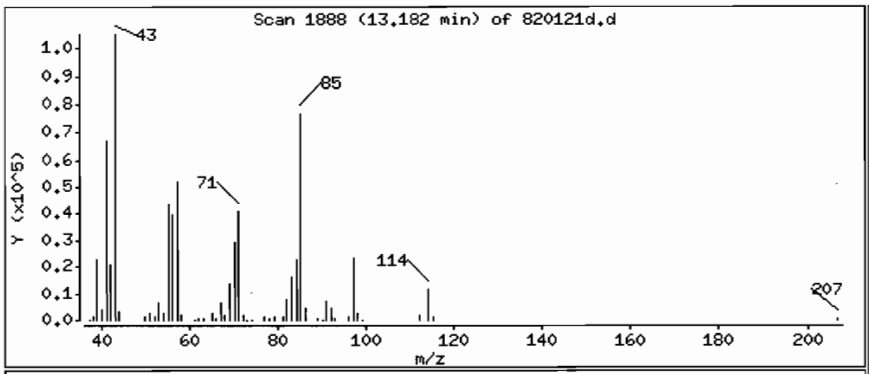
Client ID: CE-VAPOR-2 Instrument: F.i

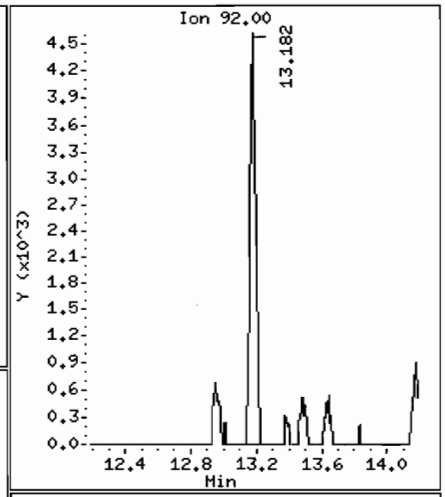
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

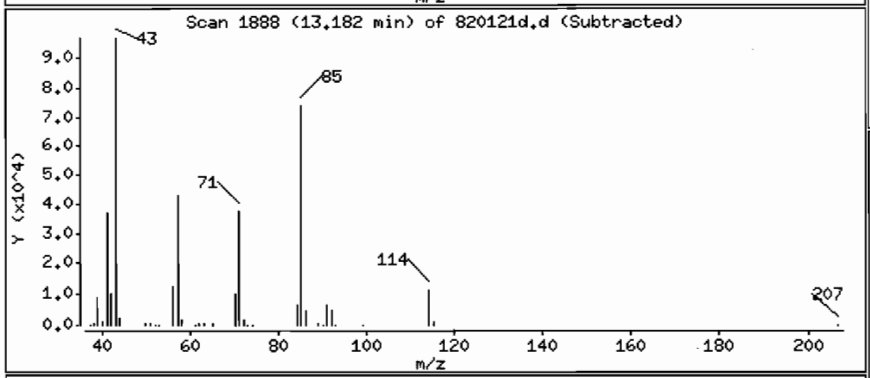
Purge Volume: 20.0 Operator: wrd

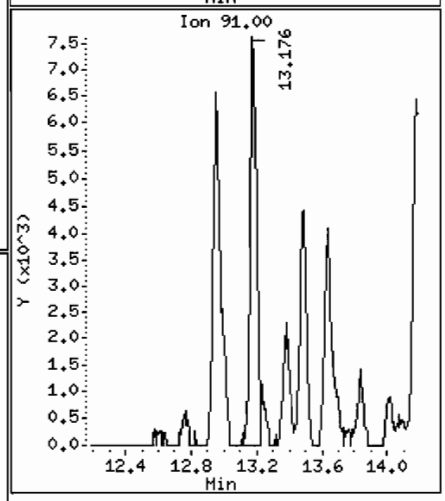
Column phase: RTX-624 Column diameter: 0.32

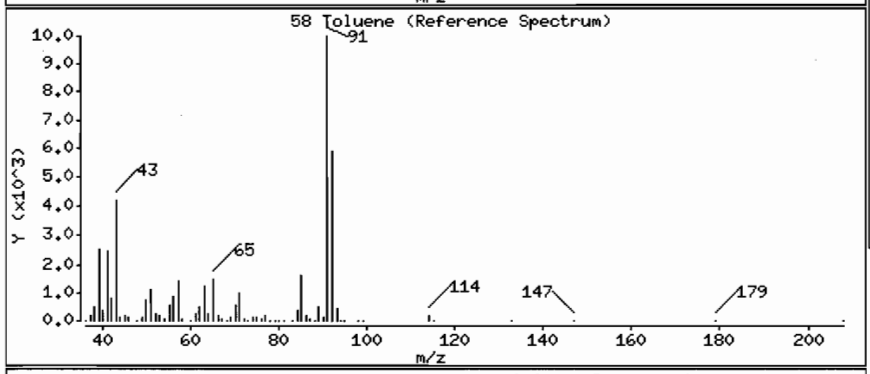
58 Toluene Concentration: 2.4 ppbv

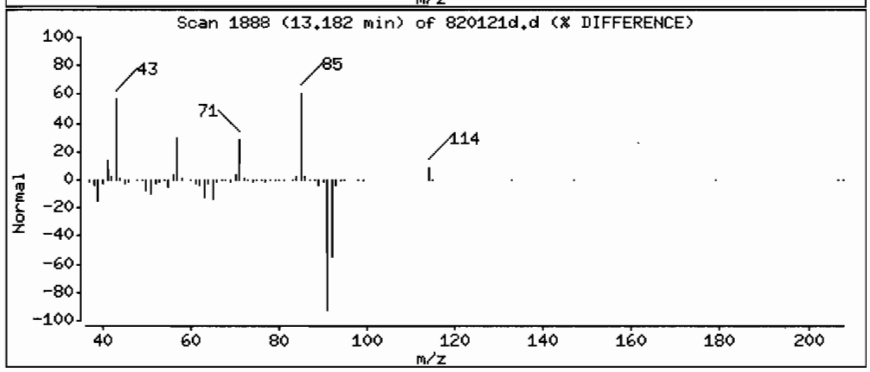












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

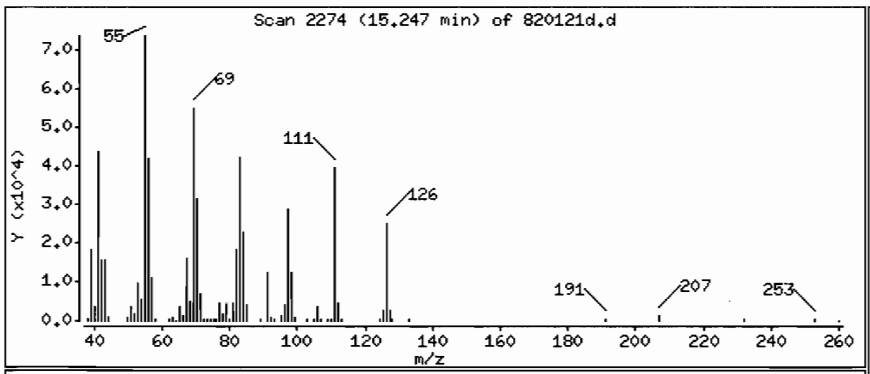
Client ID: CE-VAPOR-2 Instrument: F.i

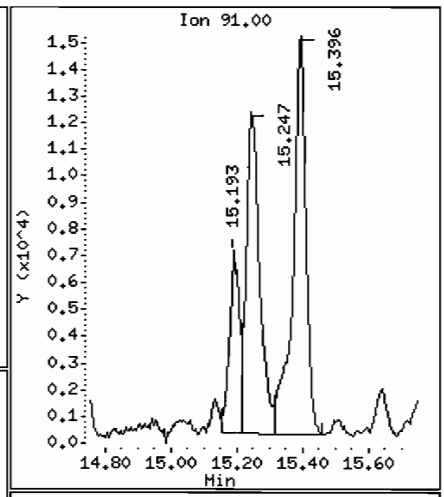
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

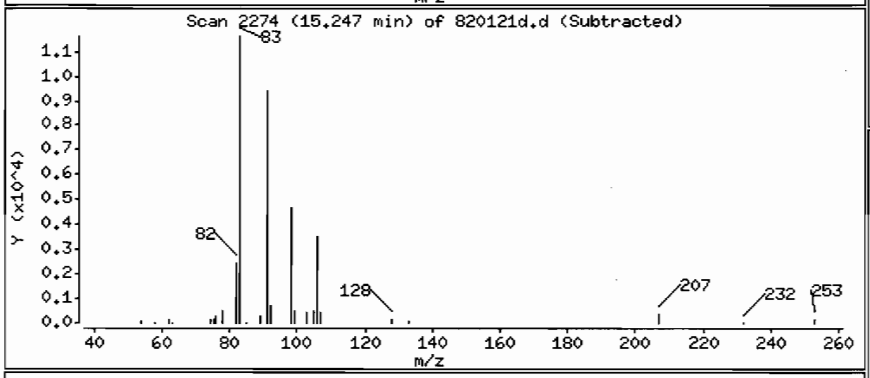
Purge Volume: 20.0 Operator: wrd

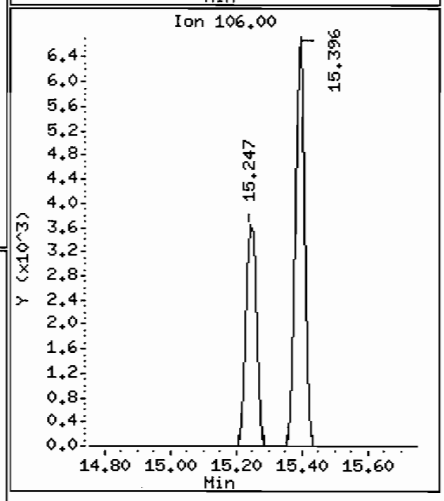
Column phase: RTX-624 Column diameter: 0.32

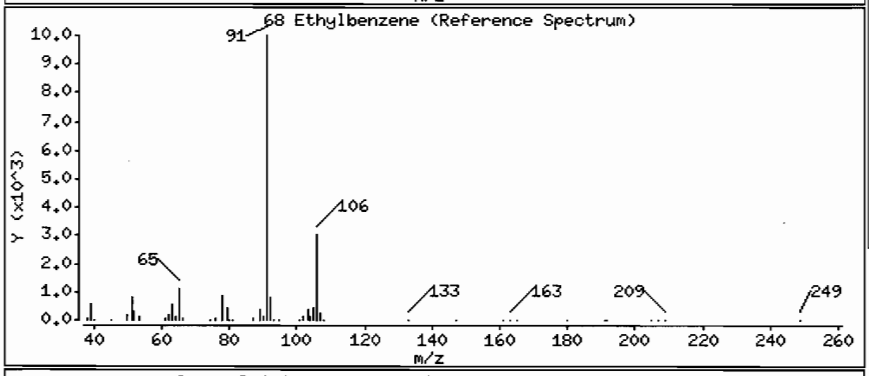
68 Ethylbenzene Concentration: 3.3 ppbv

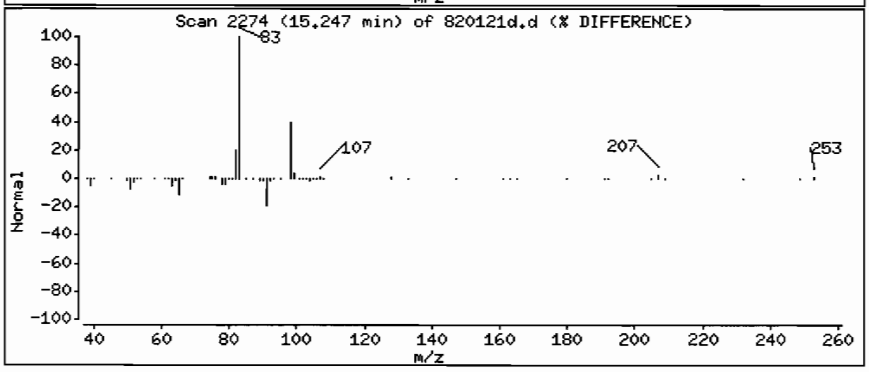












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

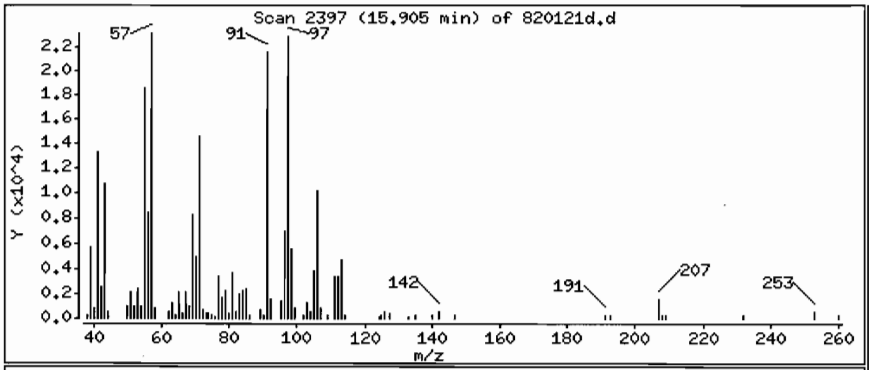
Client ID: CE-VAPOR-2 Instrument: F.i

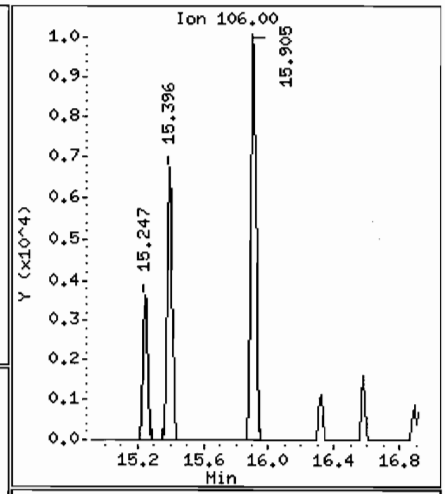
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

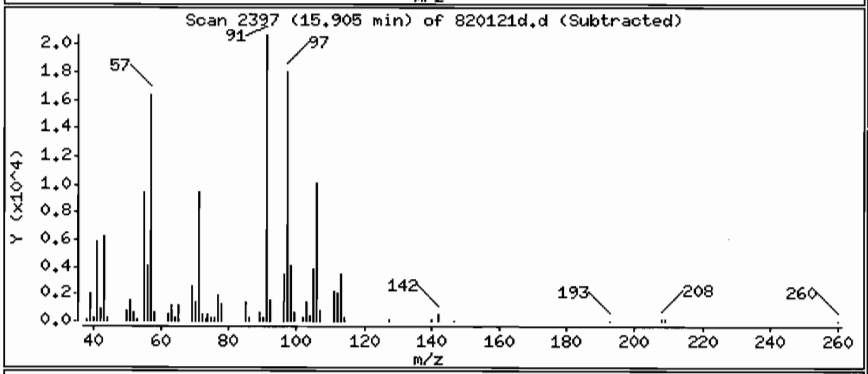
Purge Volume: 20.0 Operator: wrd

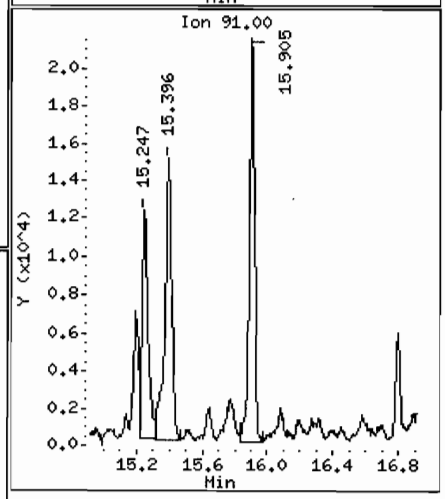
Column phase: RTX-624 Column diameter: 0.32

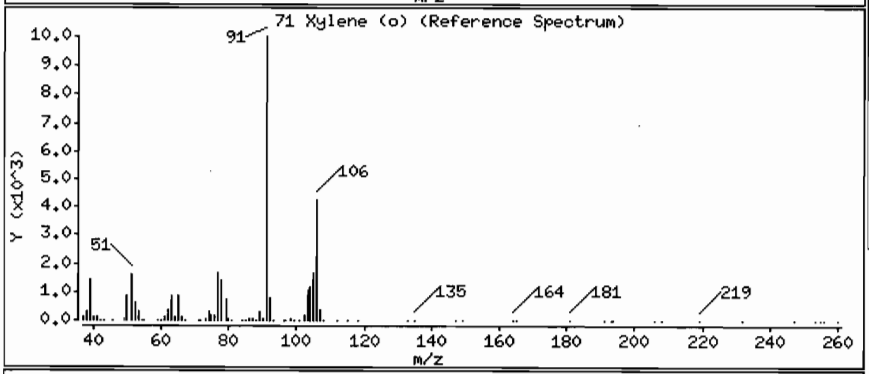
71 Xylene (o) Concentration: 5.2 ppbv

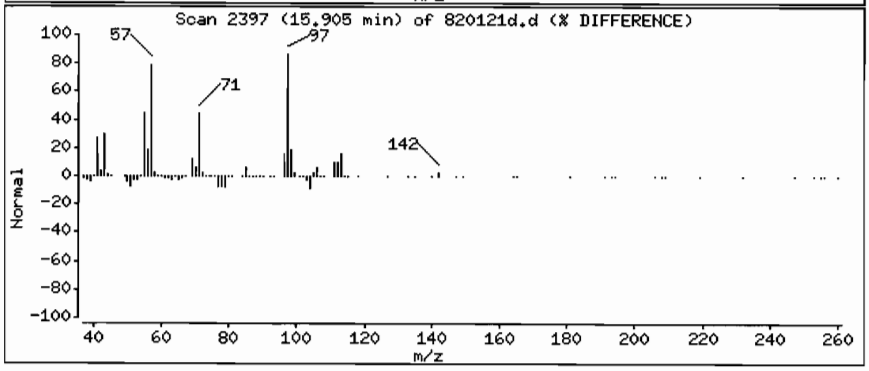












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

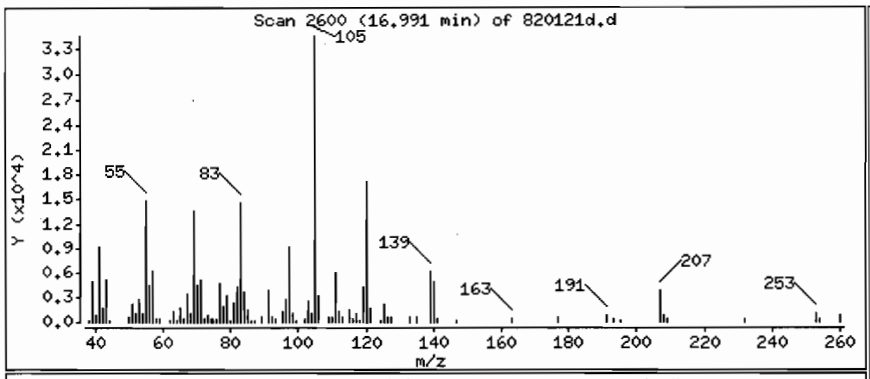
Client ID: CE-VAPOR-2 Instrument: F.i

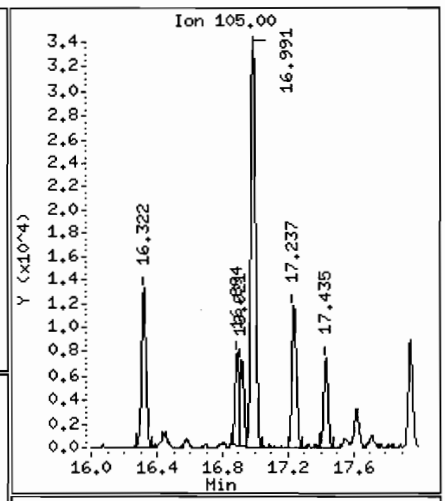
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

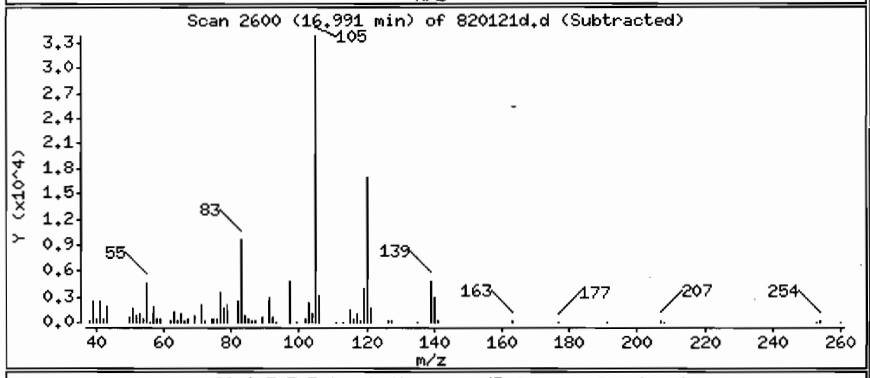
Purge Volume: 20.0 Operator: wrd

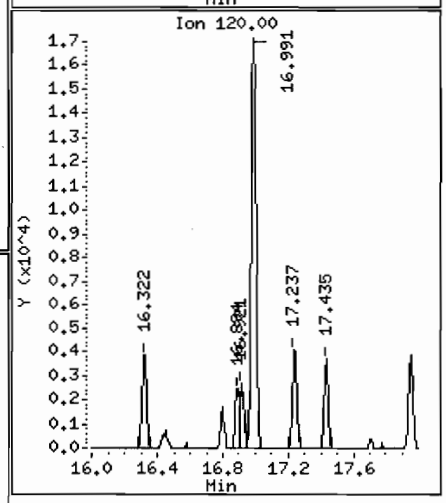
Column phase: RTX-624 Column diameter: 0.32

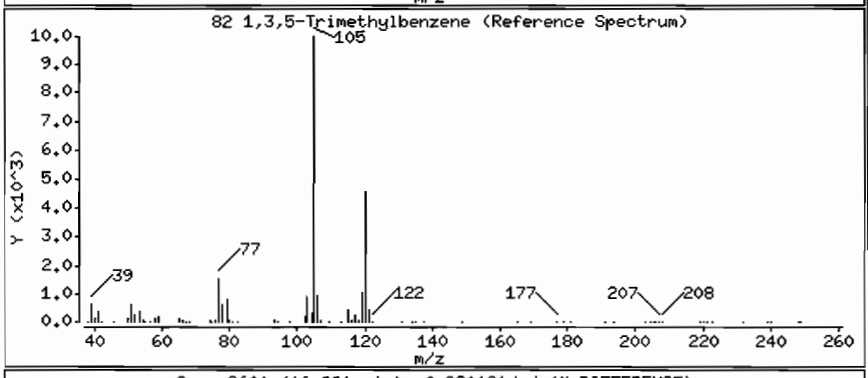
82 1,3,5-Trimethylbenzene Concentration: 6.0 ppbv

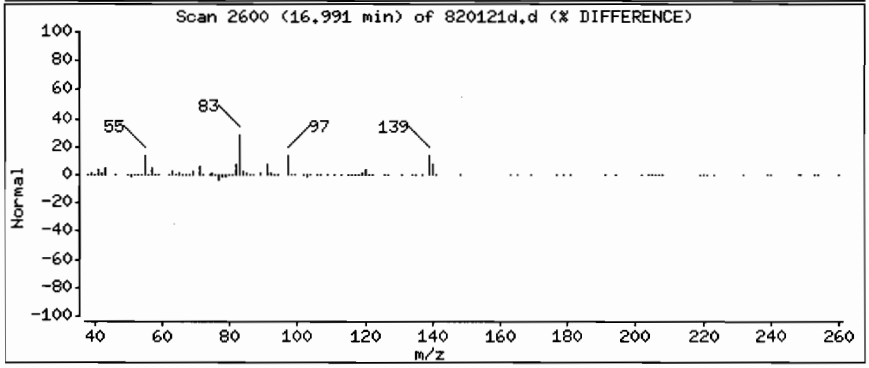












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820121d.d

Date : 16-FEB-2010 22:29

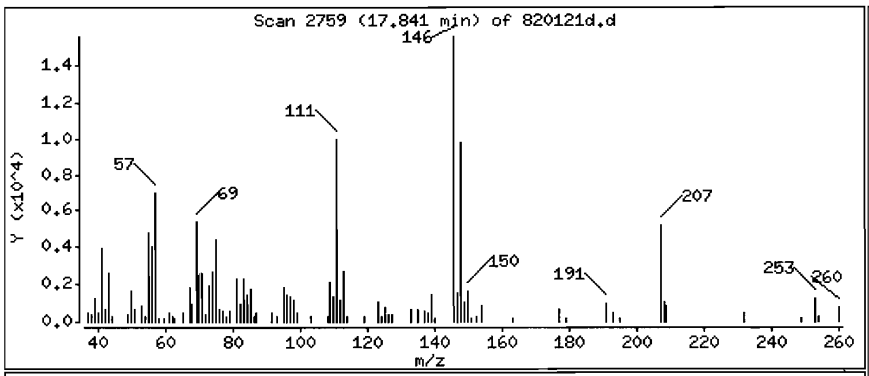
Client ID: CE-VAPOR-2 Instrument: F.i

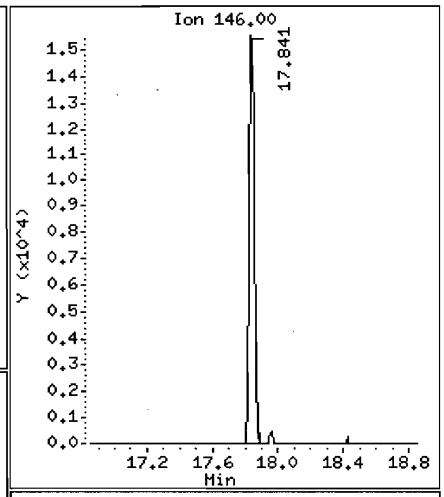
Sample Info: CE-VAPOR-2 :[ ]02/08/10 @1430(AIR)

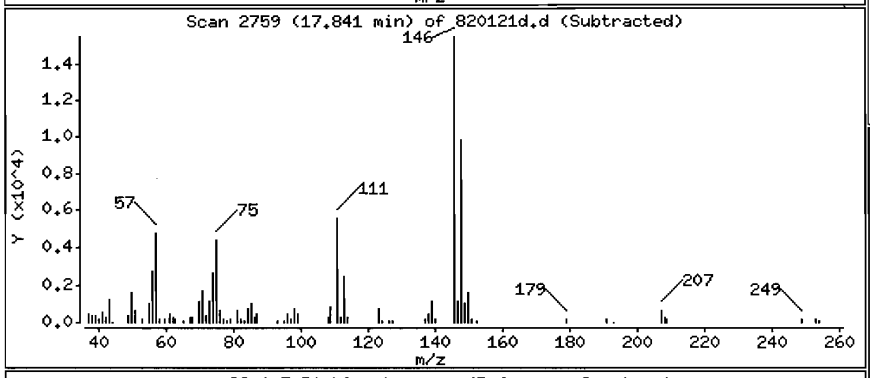
Purge Volume: 20.0 Operator: wrd

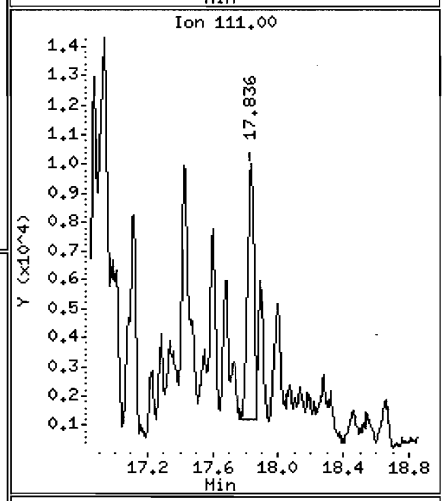
Column phase: RTX-624 Column diameter: 0.32

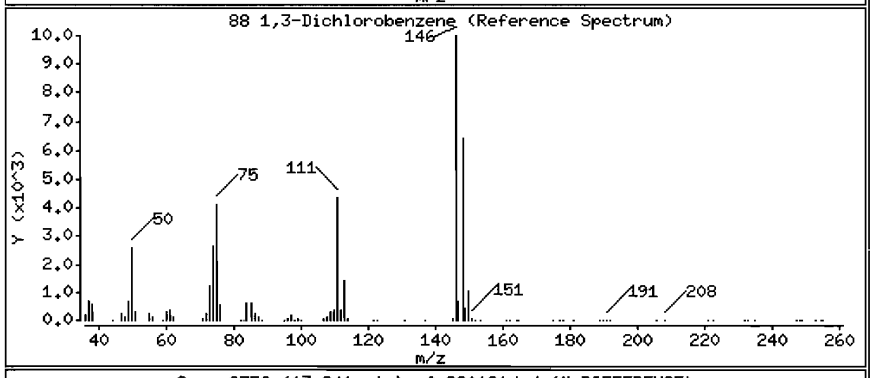
88 1,3-Dichlorobenzene Concentration: 3.9 ppbv

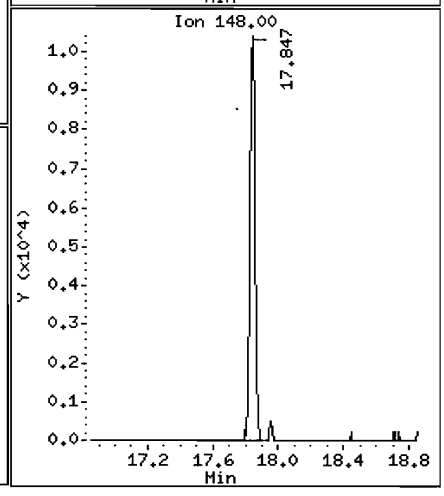


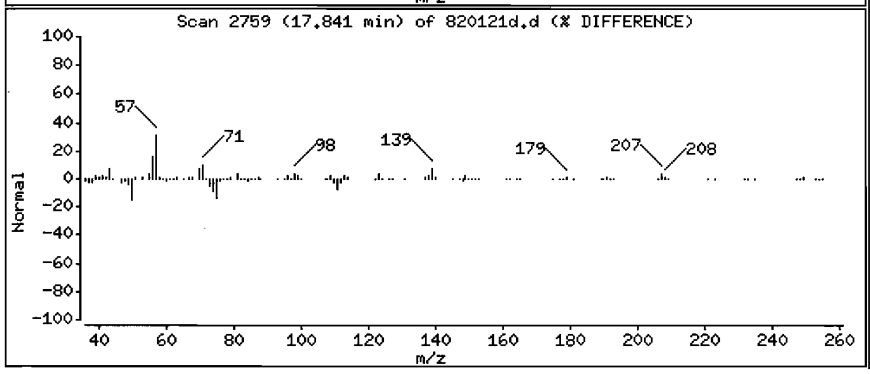












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820122

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820122D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.7	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.67	U
74-87-3	Chloromethane	1.7	U
75-01-4	Vinyl Chloride	0.67	U
106-99-0	1,3-Butadiene	1.7	U
74-83-9	Bromomethane	0.67	U
75-00-3	Chloroethane	1.7	U
593-60-2	Bromoethene	0.67	U
75-69-4	Trichlorofluoromethane	0.67	U
76-13-1	Freon TF	0.67	U
75-35-4	1,1-Dichloroethene	0.67	U
67-64-1	Acetone	58	
67-63-0	Isopropyl Alcohol	86	
75-15-0	Carbon disulfide	1.7	U
107-05-1	3-Chloropropene	1.7	U
75-09-2	Methylene chloride	1.7	U
75-65-0	tert-Butyl Alcohol	17	U
1634-04-4	Methyl tert-Butyl Ether	1.7	U
156-60-5	trans-1,2-Dichloroethene	0.67	U
110-54-3	n-Hexane	1.7	U
75-34-3	1,1-Dichloroethane	0.67	U
78-93-3	Methyl Ethyl Ketone	35	
156-59-2	cis-1,2-Dichloroethene	0.67	U
540-59-0	1,2-Dichloroethene,Total	0.67	U
67-66-3	Chloroform	0.67	U
109-99-9	Tetrahydrofuran	21	
71-55-6	1,1,1-Trichloroethane	0.67	U
110-82-7	Cyclohexane	0.67	U
56-23-5	Carbon tetrachloride	0.67	U
540-84-1	2,2,4-Trimethylpentane	0.67	U
71-43-2	Benzene	0.67	U
107-06-2	1,2-Dichloroethane	0.67	U
142-82-5	n-Heptane	0.88	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820122

Sample wt/vol: 60.00 (g/mL) ML Lab File ID: 820122D2

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.67	U
78-87-5	1,2-Dichloropropane	0.67	U
123-91-1	1,4-Dioxane	17	U
75-27-4	Bromodichloromethane	0.67	U
10061-01-5	cis-1,3-Dichloropropene	0.67	U
108-10-1	Methyl Isobutyl Ketone	1.7	U
108-88-3	Toluene	3.6	
10061-02-6	trans-1,3-Dichloropropene	0.67	U
79-00-5	1,1,2-Trichloroethane	0.67	U
127-18-4	Tetrachloroethene	0.67	
591-78-6	Methyl Butyl Ketone	1.7	U
124-48-1	Dibromochloromethane	0.67	U
106-93-4	1,2-Dibromoethane	0.67	U
108-90-7	Chlorobenzene	0.67	U
100-41-4	Ethylbenzene	1.9	
1330-20-7	Xylene (m,p)	5.5	
95-47-6	Xylene (o)	3.1	
1330-20-7	Xylenes, Total	8.7	
100-42-5	Styrene	0.76	
75-25-2	Bromoform	0.67	U
79-34-5	1,1,2,2-Tetrachloroethane	0.67	U
622-96-8	4-Ethyltoluene	0.73	
108-67-8	1,3,5-Trimethylbenzene	1.3	
95-49-8	2-Chlorotoluene	0.67	U
95-63-6	1,2,4-Trimethylbenzene	2.1	
541-73-1	1,3-Dichlorobenzene	5.7	
106-46-7	1,4-Dichlorobenzene	0.67	U
95-50-1	1,2-Dichlorobenzene	0.67	U
120-82-1	1,2,4-Trichlorobenzene	1.7	U
87-68-3	Hexachlorobutadiene	0.67	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Page 4

Date : 17-FEB-2010 10:56

Client ID: CE-VAPOR-3

Instrument: F.i

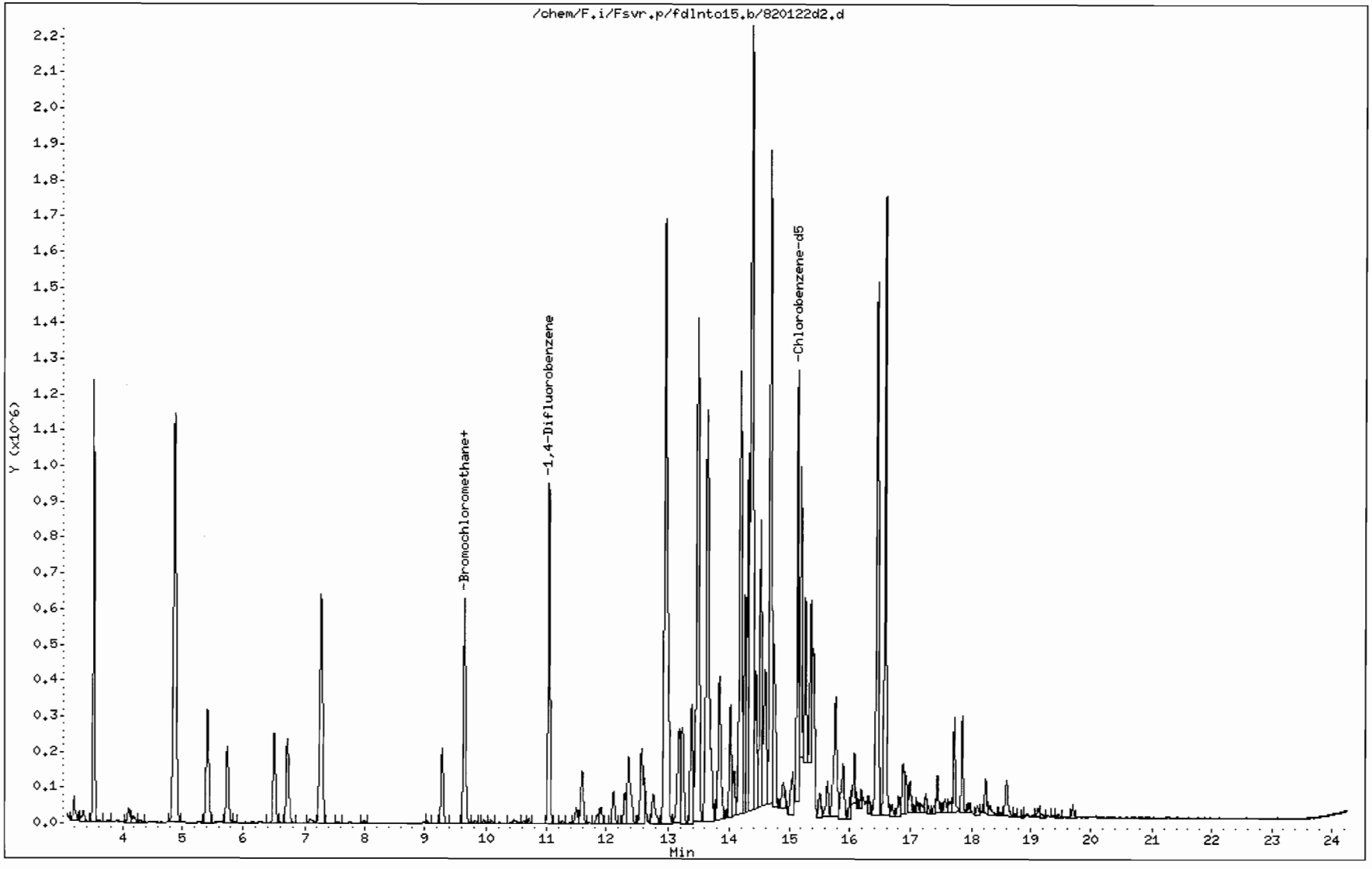
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

Purge Volume: 60.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d
Lab Smp Id: 820122 Client Smp ID: CE-VAPOR-3
Inj Date : 17-FEB-2010 10:56
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)
Misc Info : 820122;021610FA;3.33;60
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 12
Dil Factor: 3.33000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	3.33000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	60.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.500	6.516	(0.674)	449365	17.3449	58
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	471103	25.9289	86
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.282	9.293	(0.963)	100355	10.5596	35 (Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	228813	10.0000	(Q)
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	9.662	9.667	(0.876)	100305	6.28134	21
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.970)	7091	0.26289	0.88
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1086558	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	47034	1.09537	3.6
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.947	13.952	(0.922)	8155	0.20219	0.67
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	933262	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	55465	0.58339	1.9
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	64316	1.65710	5.5
	71 Xylene (o)	106	15.905	15.915	(1.051)	34932	0.92265	3.1
M	70 Xylenes, Total	106				99248	2.62141	8.7
	72 Styrene	104	15.926	15.937	(1.052)	12738	0.22772	0.76 (Q)
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	16.921	16.932	(1.118)	26058	0.21825	0.73 (Q)
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	39367	0.39986	1.3
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	63182	0.62229	2.1
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	131021	1.71831	5.7
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

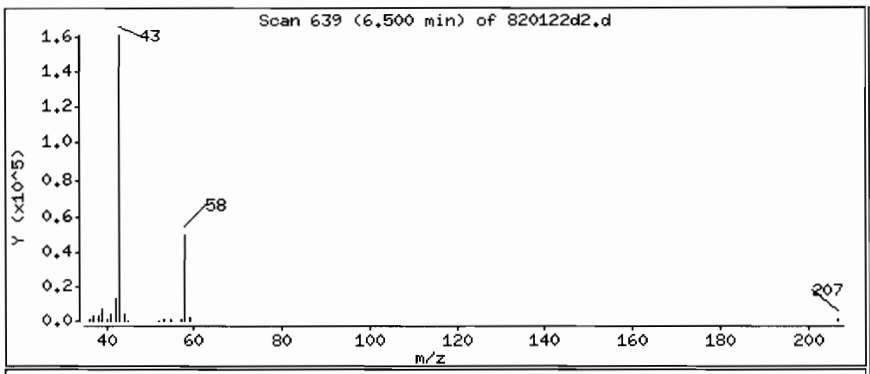
Client ID: CE-VAPOR-3 Instrument: F.i

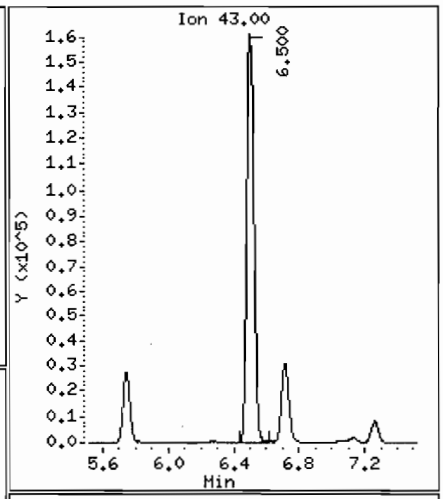
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

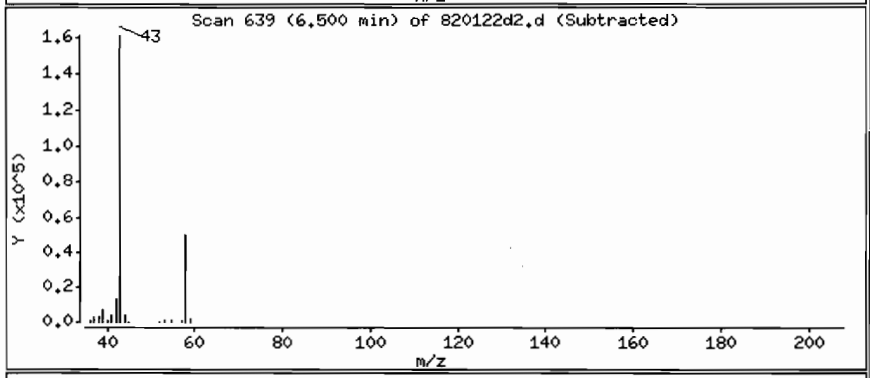
Purge Volume: 60.0 Operator: njr

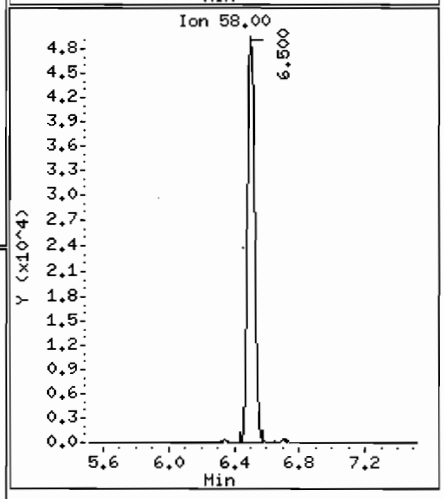
Column phase: RTX-624 Column diameter: 0.32

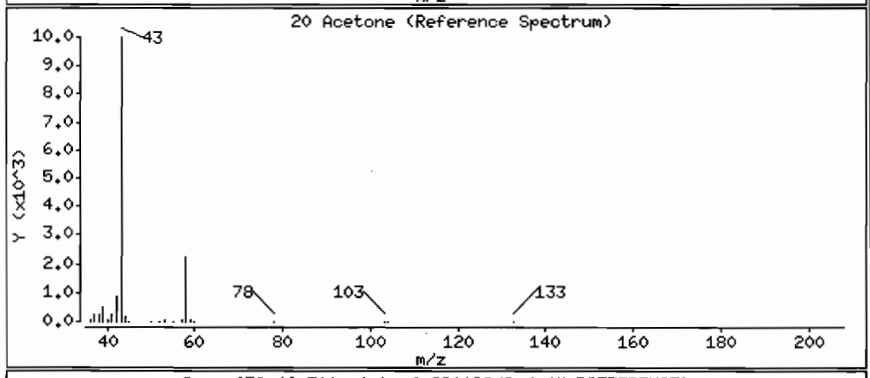
20 Acetone Concentration: 58 ppbv

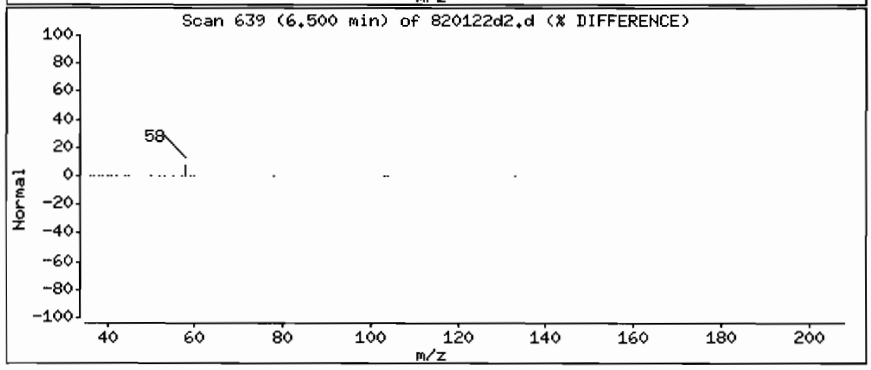












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

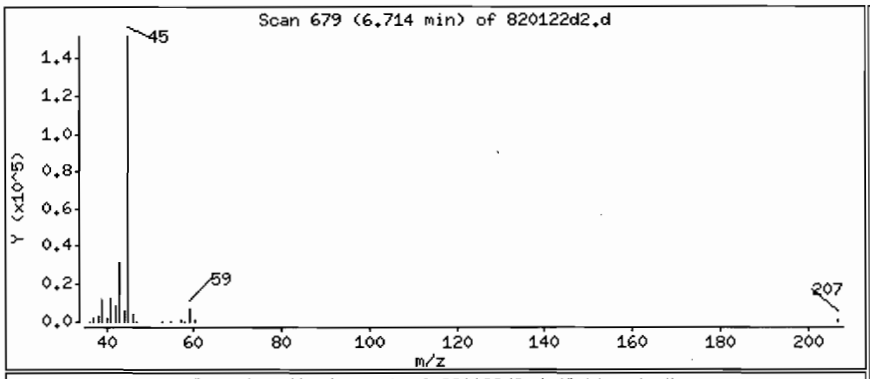
Client ID: CE-VAPOR-3 Instrument: F.i

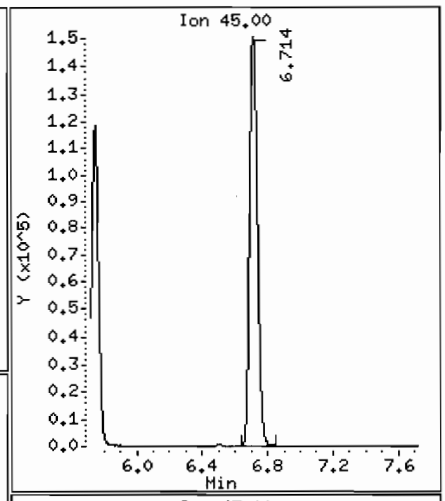
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

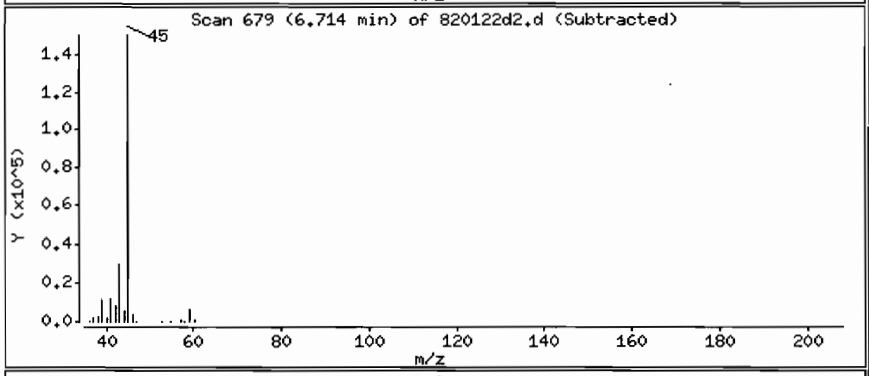
Purge Volume: 60.0 Operator: njr

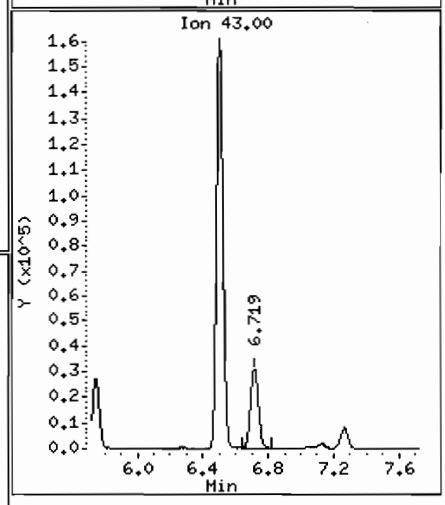
Column phase: RTX-624 Column diameter: 0.32

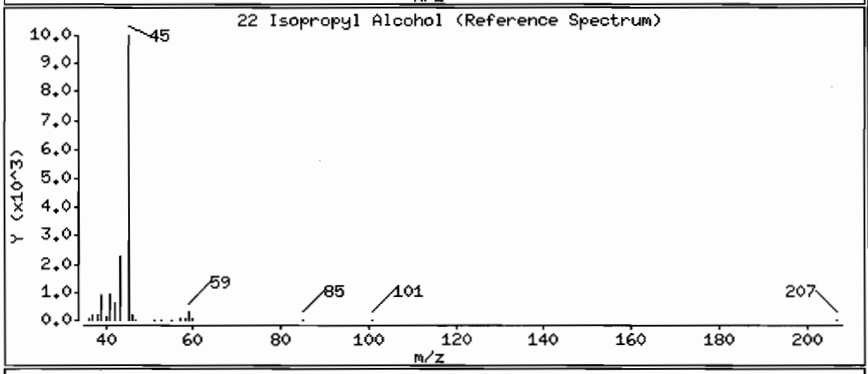
22 Isopropyl Alcohol Concentration: 86 ppbv

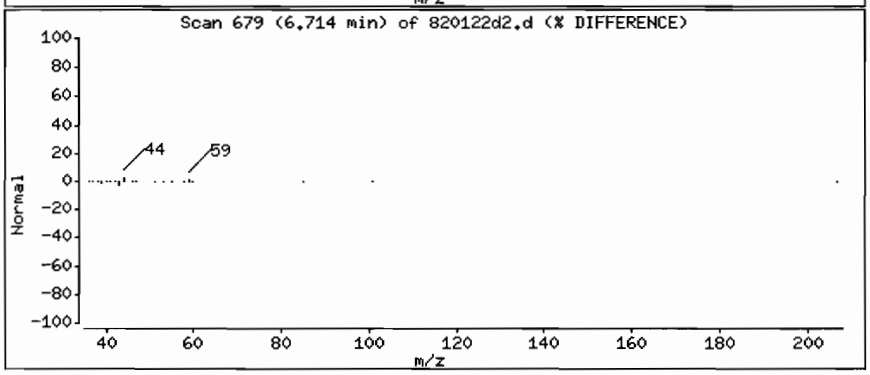












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

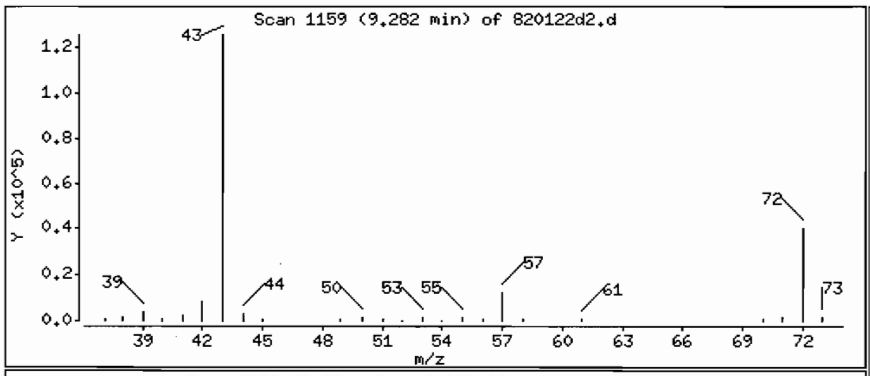
Client ID: CE-VAPOR-3 Instrument: F.i

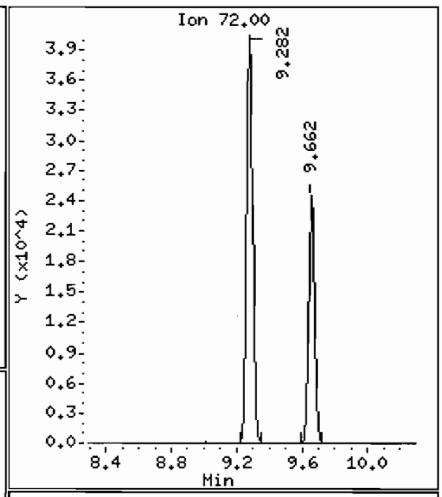
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

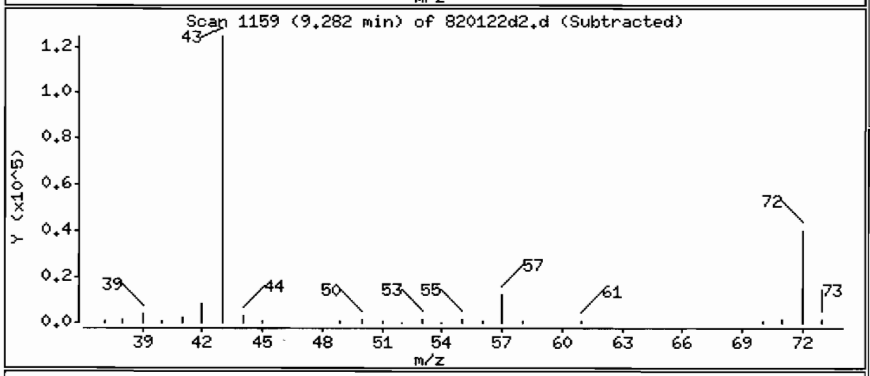
Purge Volume: 60.0 Operator: njr

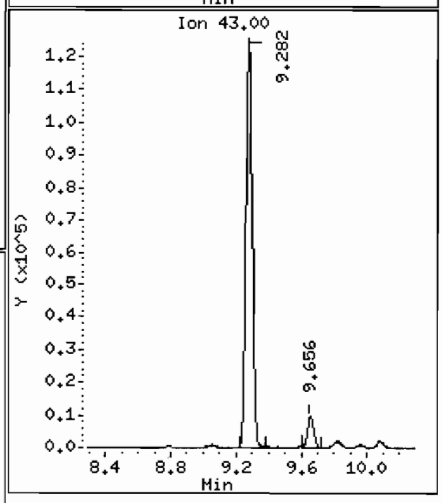
Column phase: RTX-624 Column diameter: 0.32

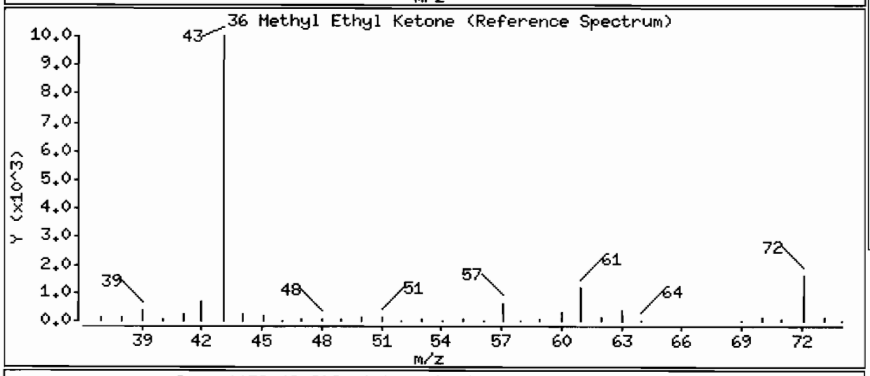
36 Methyl Ethyl Ketone Concentration: 35 ppbv

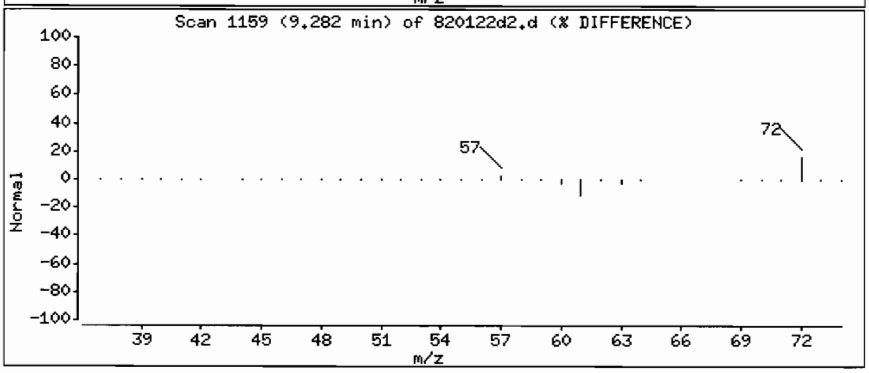












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

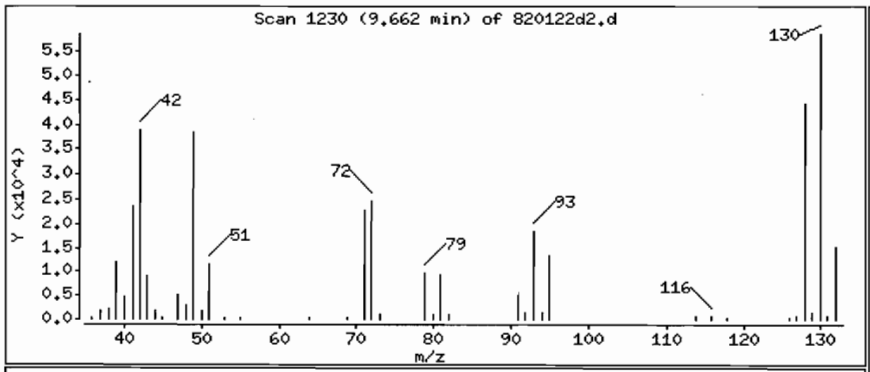
Client ID: CE-VAPOR-3 Instrument: F.i

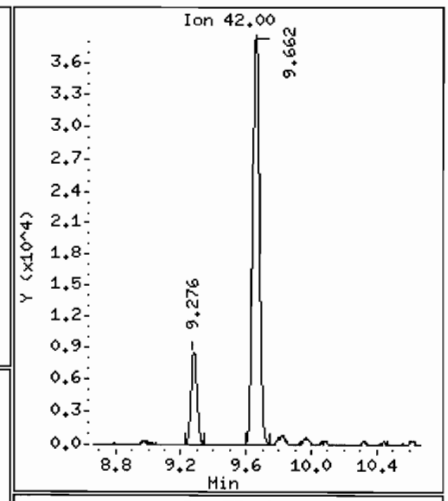
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

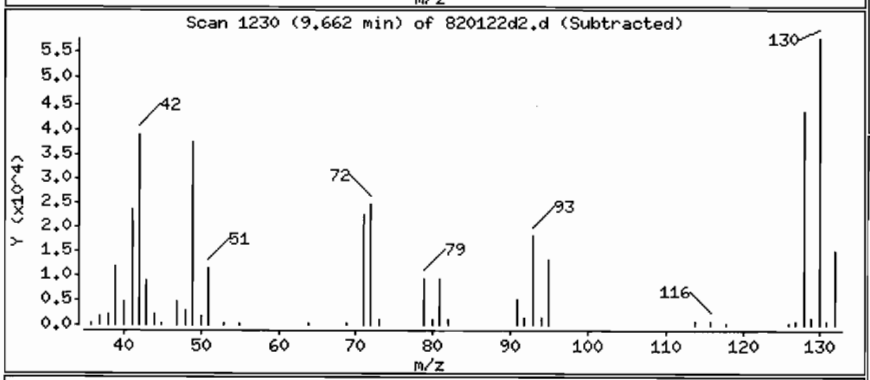
Purge Volume: 60.0 Operator: njr

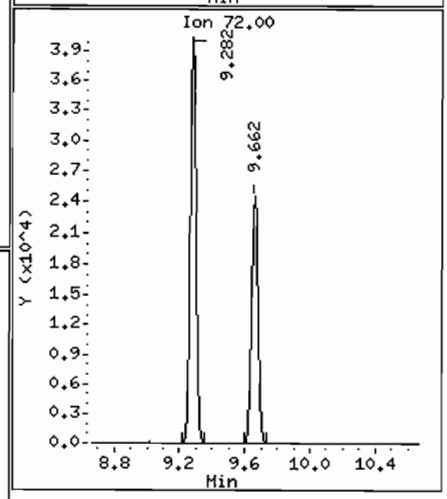
Column phase: RTX-624 Column diameter: 0.32

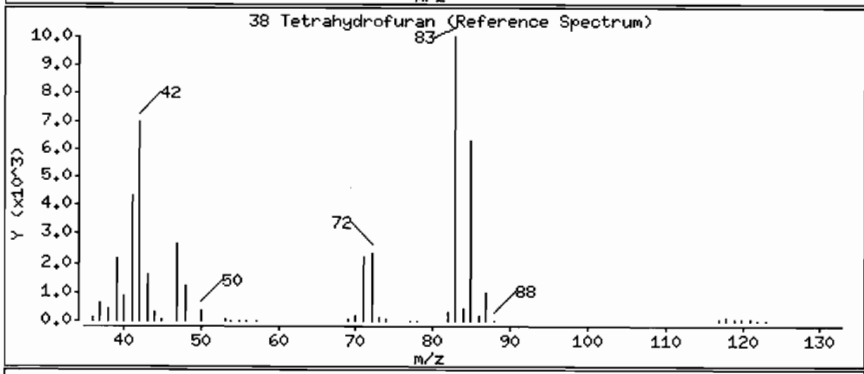
38 Tetrahydrofuran Concentration: 21 ppbv

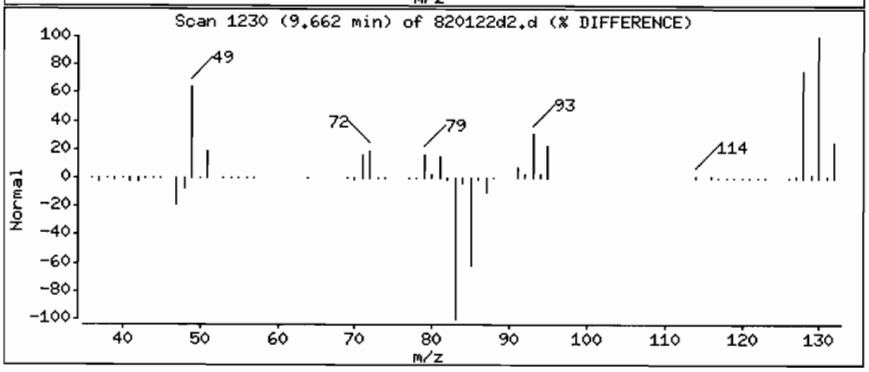












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

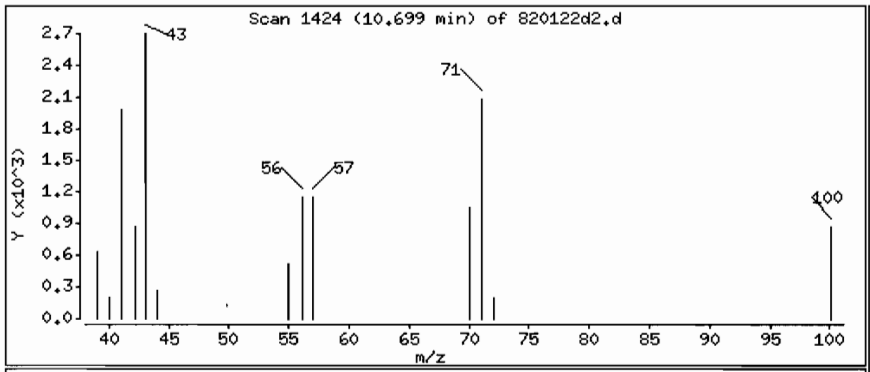
Client ID: CE-VAPOR-3 Instrument: F.i

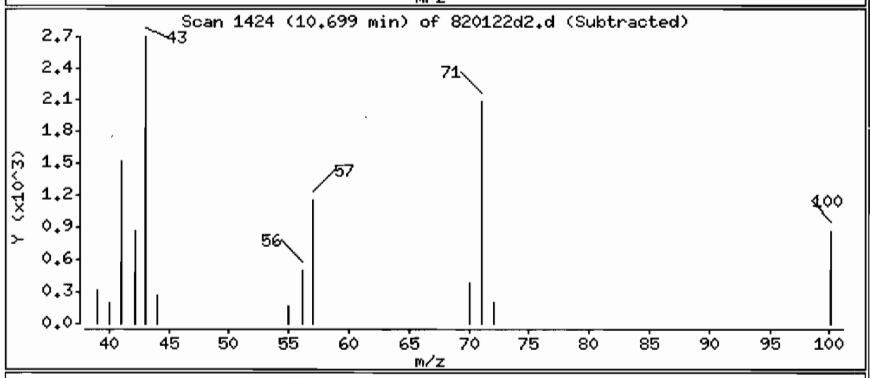
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

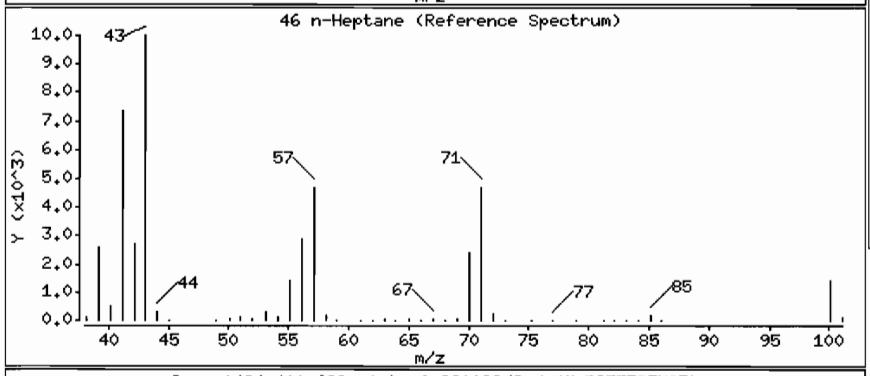
Purge Volume: 60.0 Operator: njr

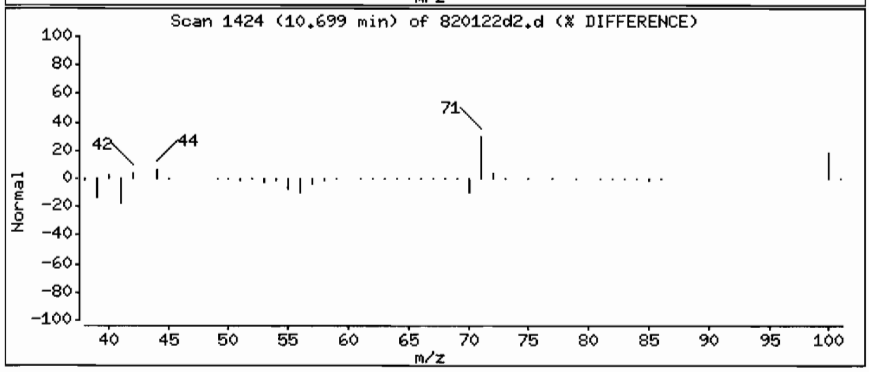
Column phase: RTX-624 Column diameter: 0.32

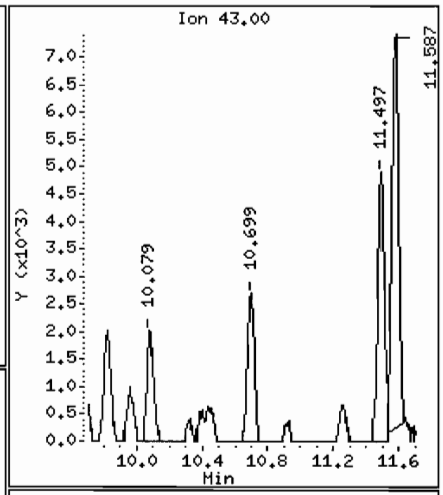
46 n-Heptane Concentration: 0.88 ppbv

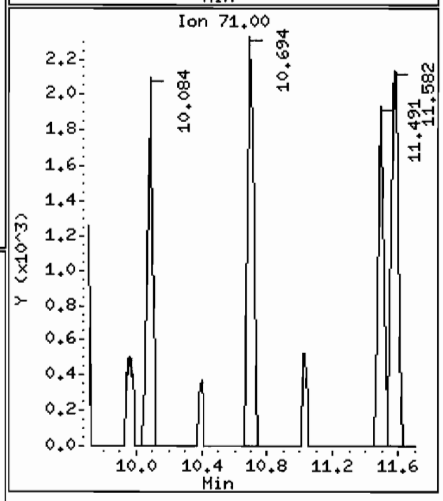












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

Client ID: CE-VAPOR-3

Instrument: F.i

Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

Purge Volume: 60.0

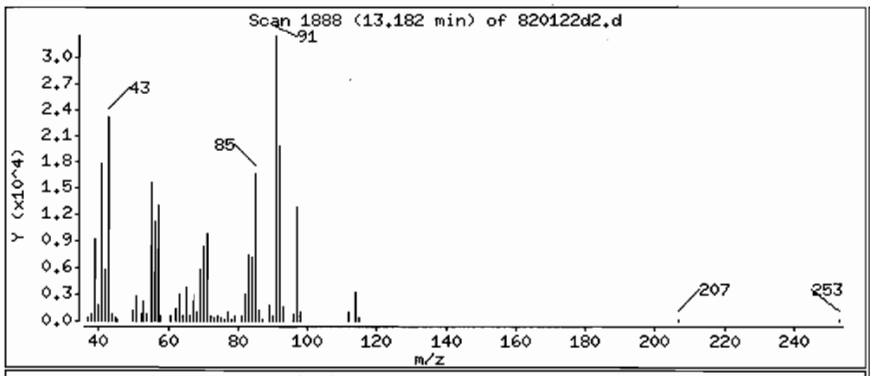
Operator: njr

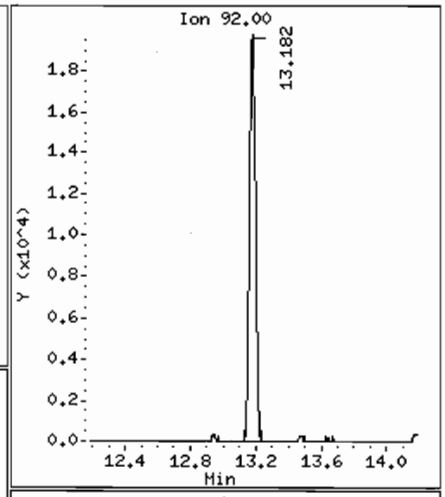
Column phase: RTX-624

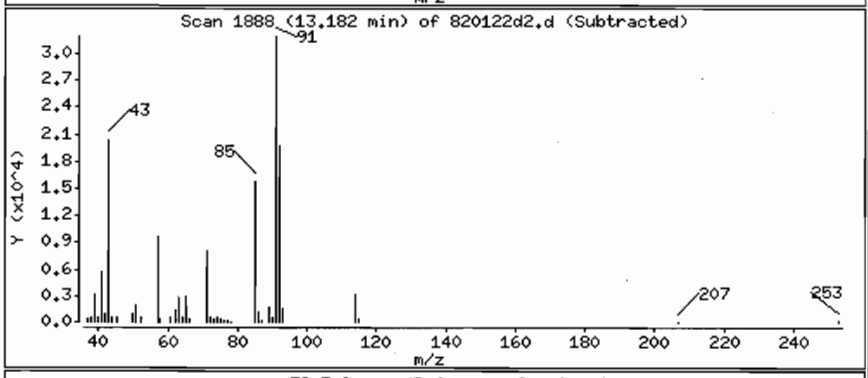
Column diameter: 0.32

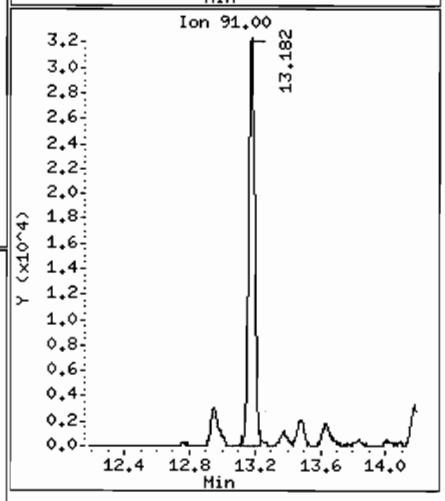
58 Toluene

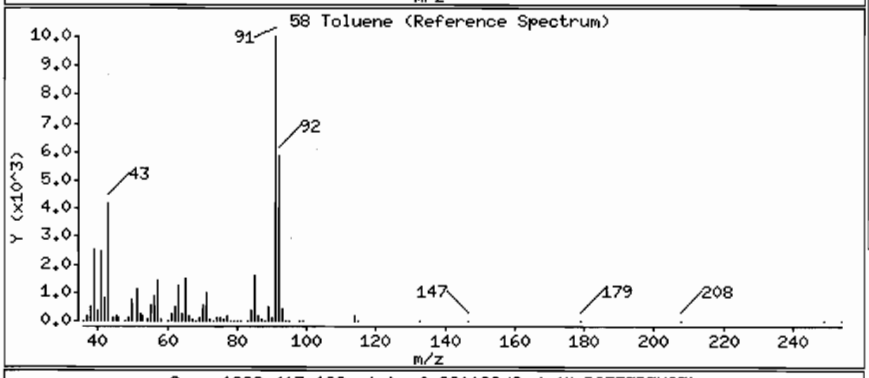
Concentration: 3.6 ppbv

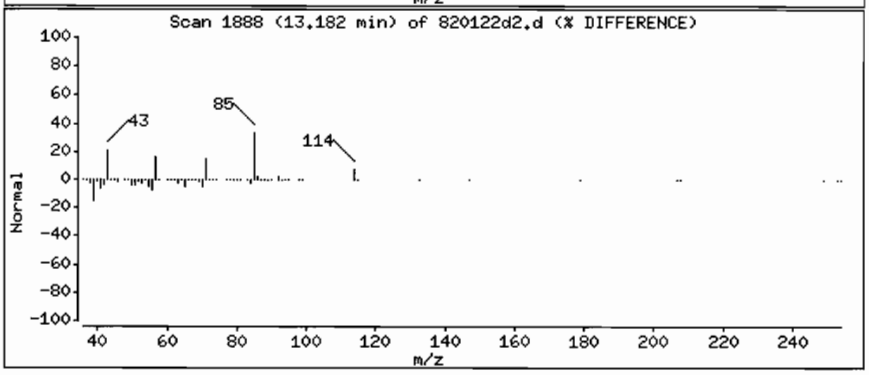












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

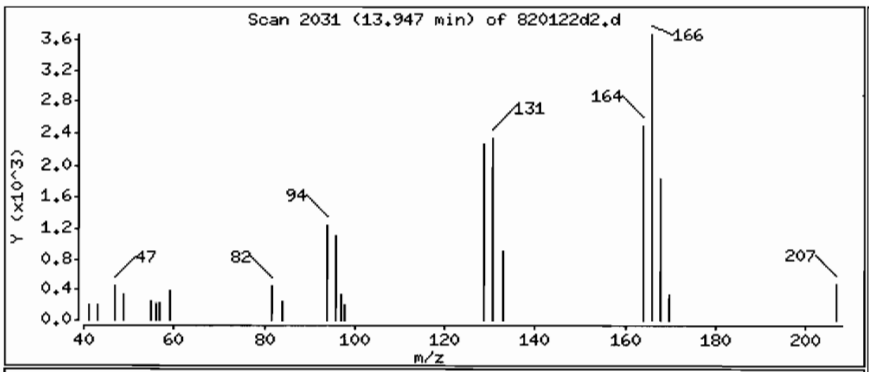
Client ID: CE-VAPOR-3 Instrument: F.i

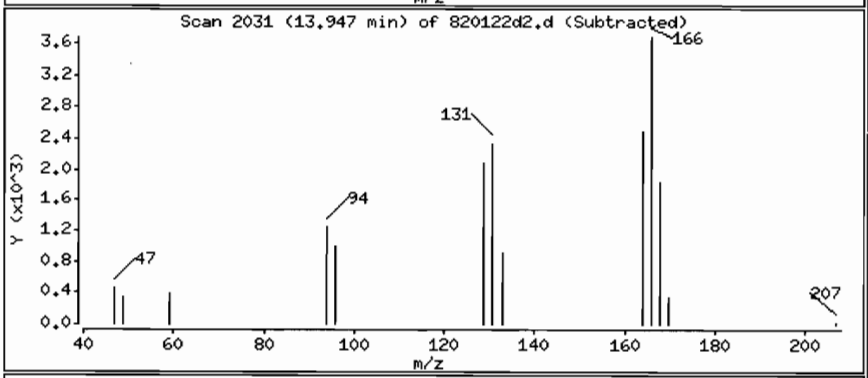
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

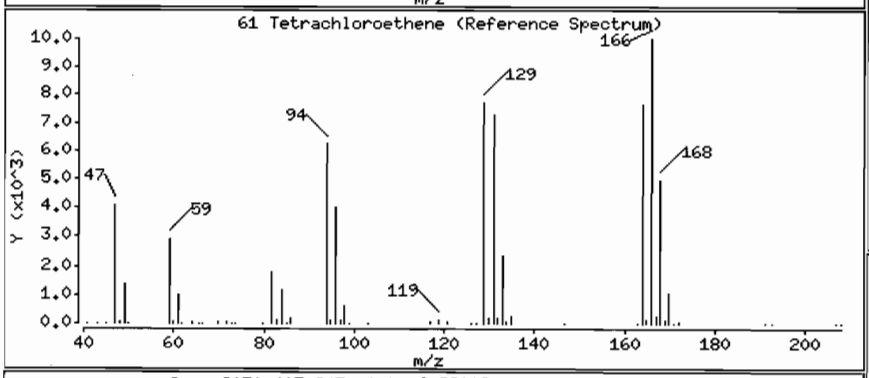
Purge Volume: 60.0 Operator: njr

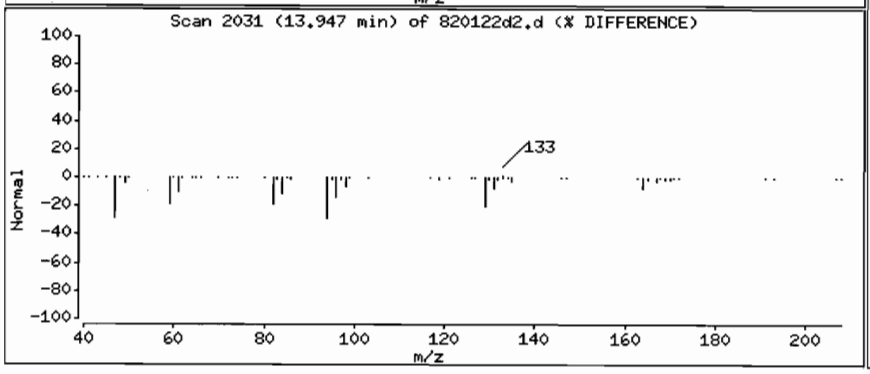
Column phase: RTX-624 Column diameter: 0.32

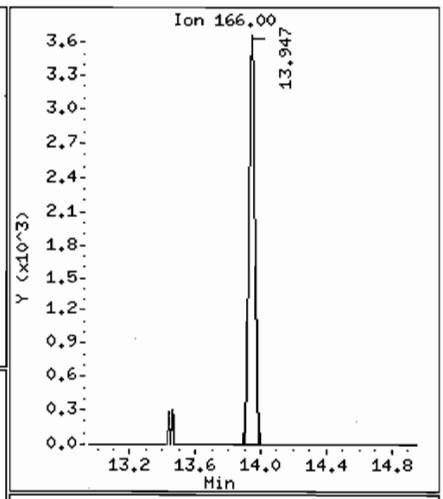
61 Tetrachloroethene Concentration: 0.67 ppbv

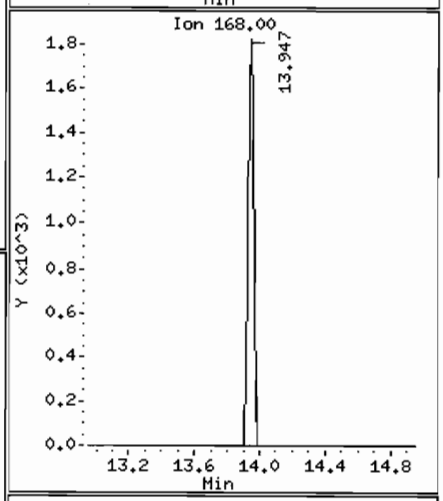


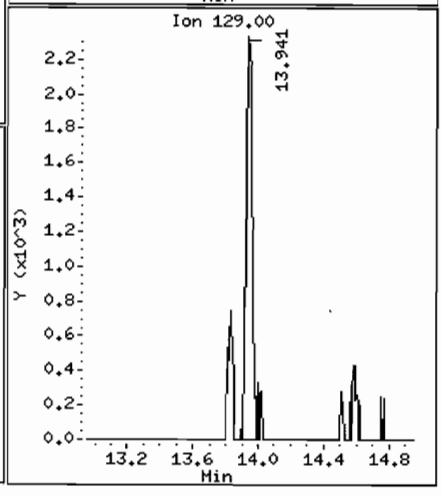












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

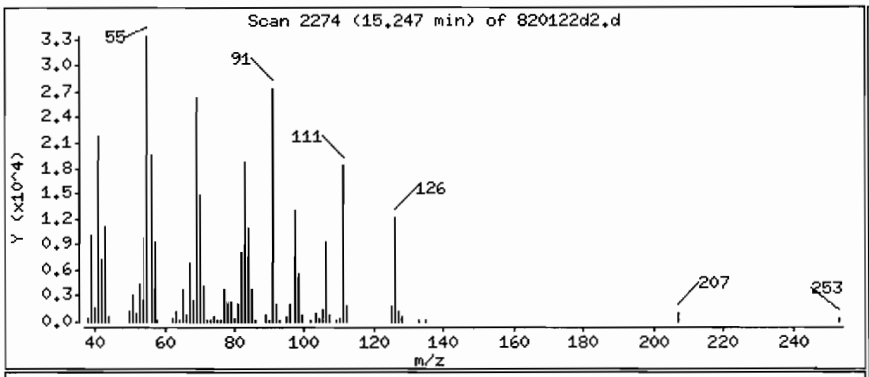
Client ID: CE-VAPOR-3 Instrument: F.i

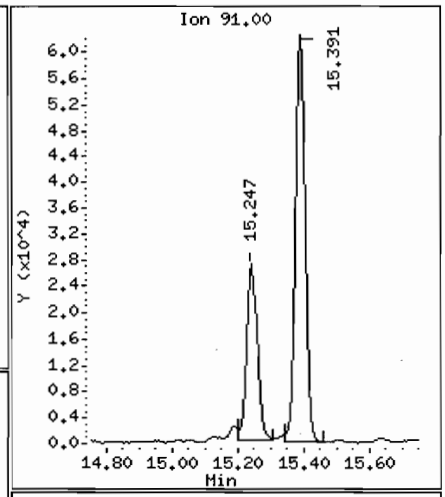
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

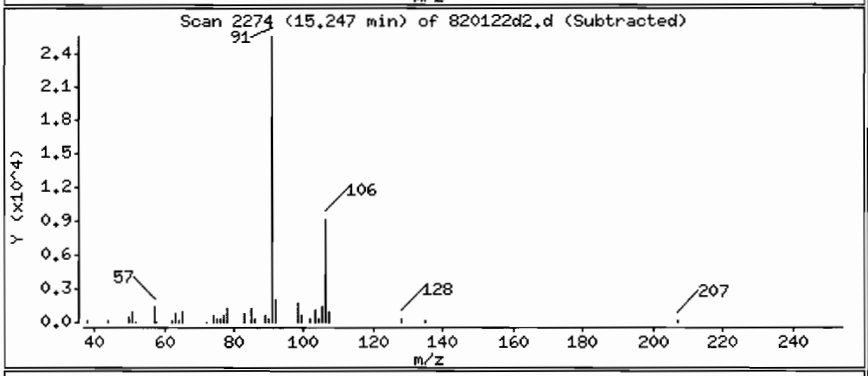
Purge Volume: 60.0 Operator: njr

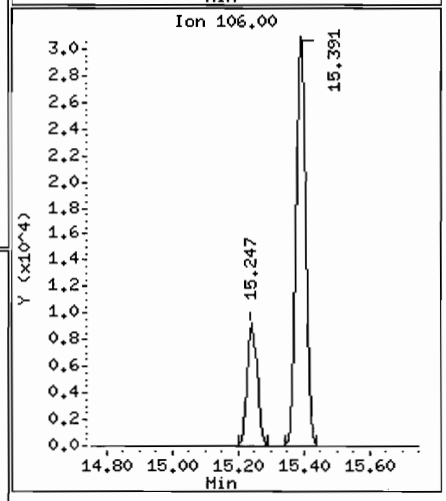
Column phase: RTX-624 Column diameter: 0.32

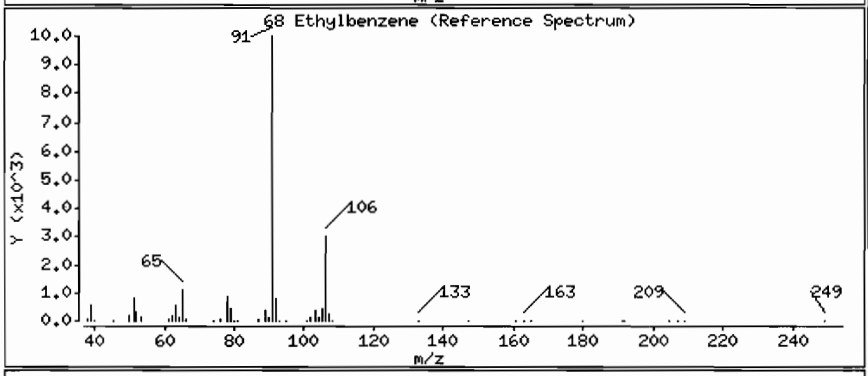
68 Ethylbenzene Concentration: 1.9 ppbv

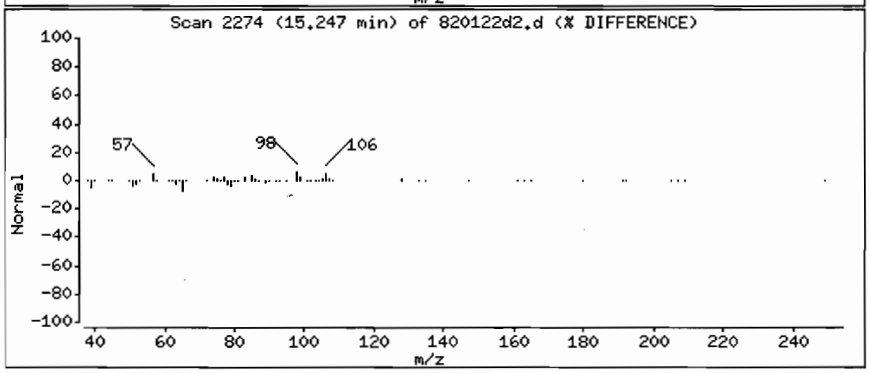












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

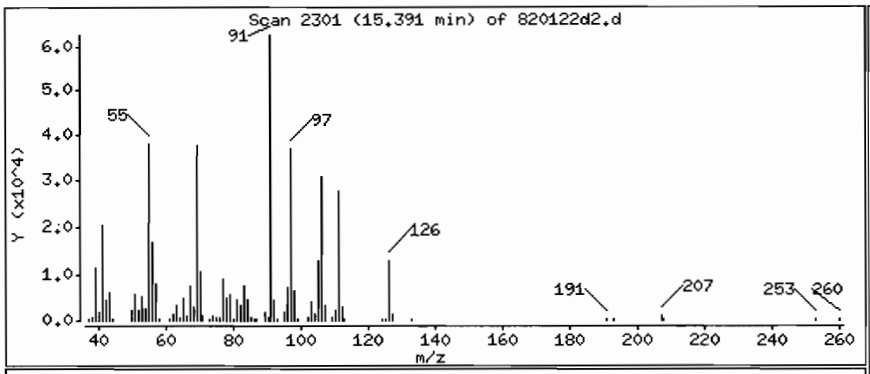
Client ID: CE-VAPOR-3 Instrument: F.i

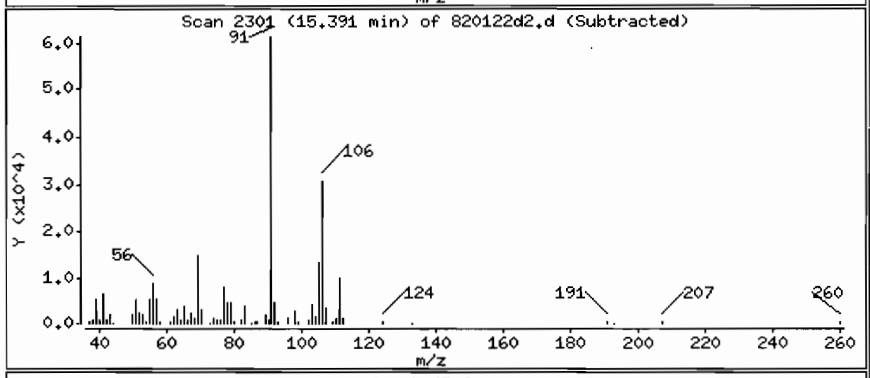
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

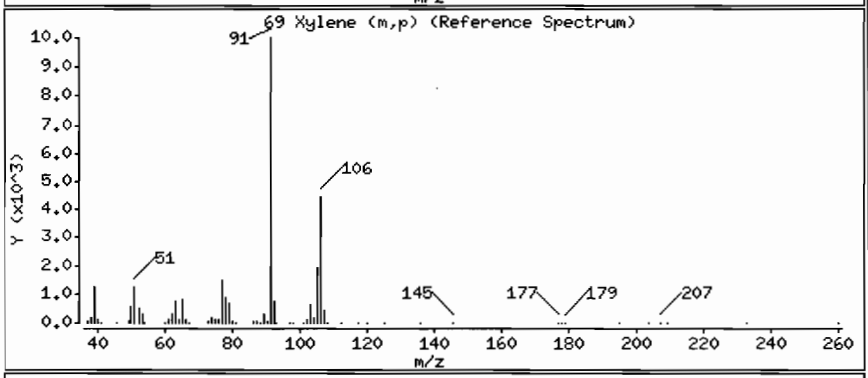
Purge Volume: 60.0 Operator: njr

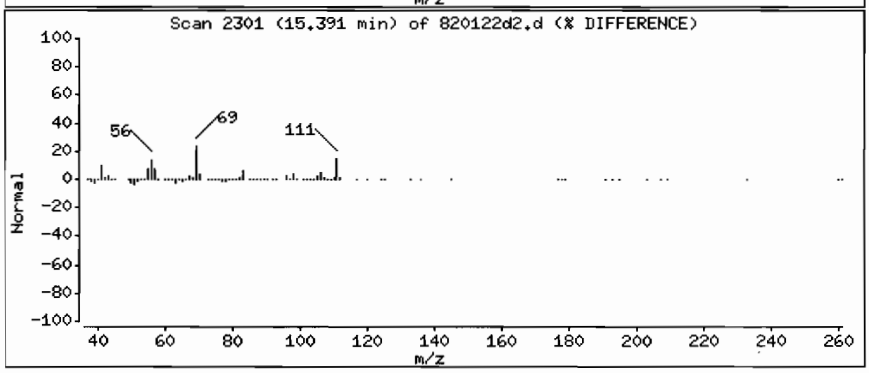
Column phase: RTX-624 Column diameter: 0.32

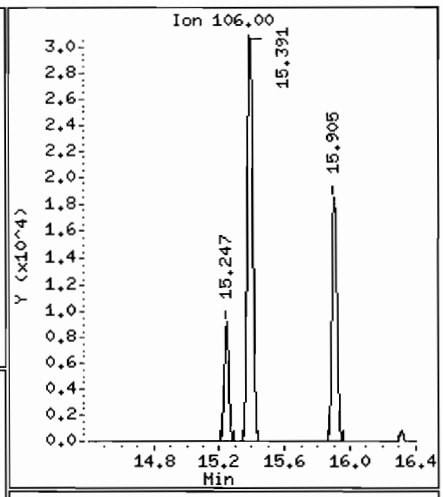
69 Xylene (m,p) Concentration: 5.5 ppbv

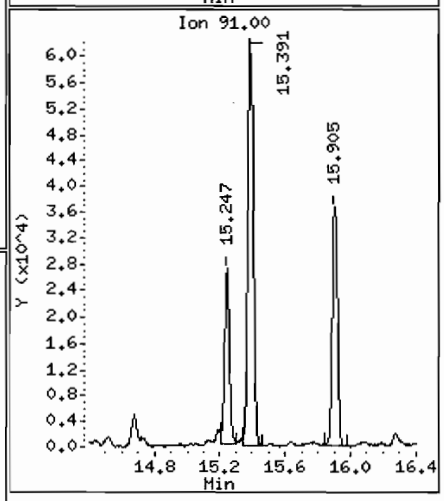












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

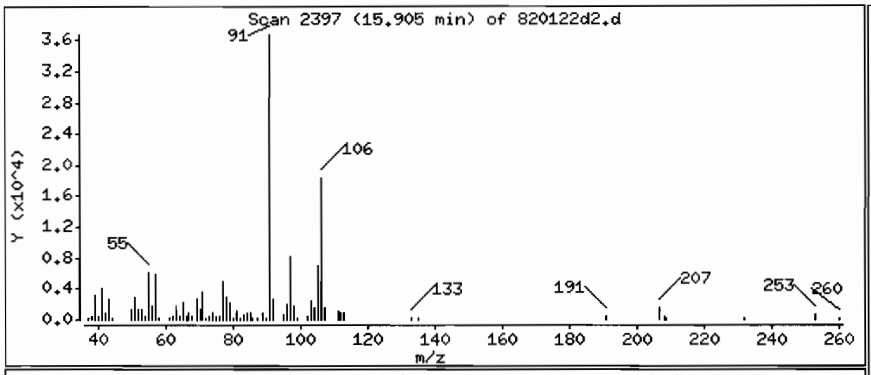
Client ID: CE-VAPOR-3 Instrument: F.i

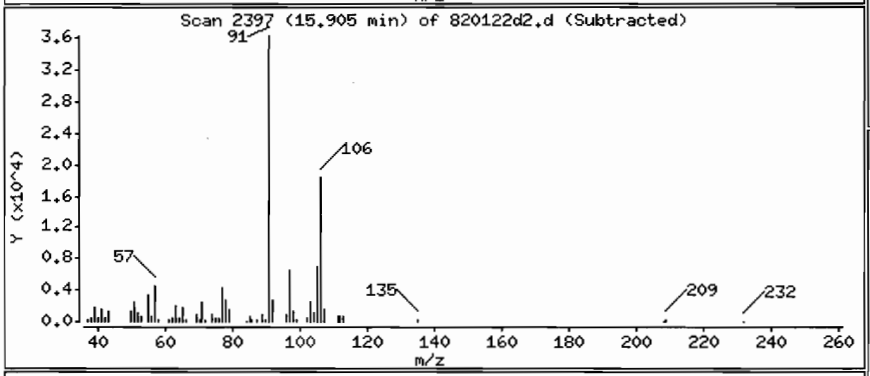
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

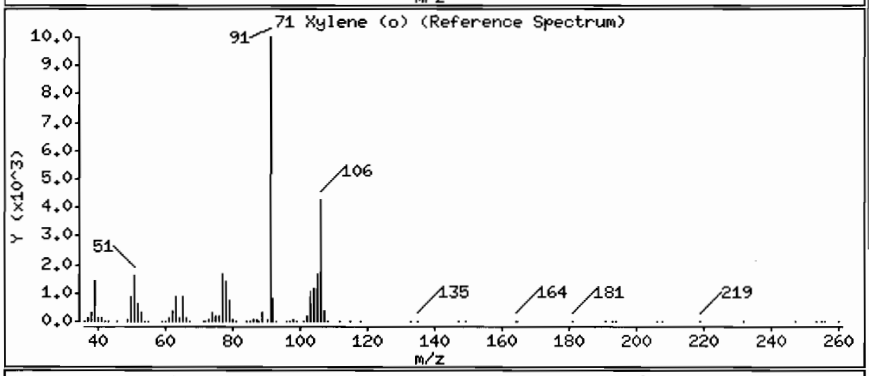
Purge Volume: 60.0 Operator: njr

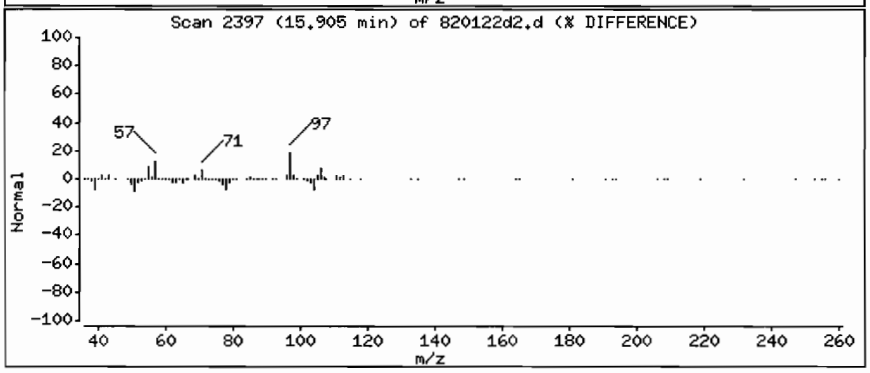
Column phase: RTX-624 Column diameter: 0.32

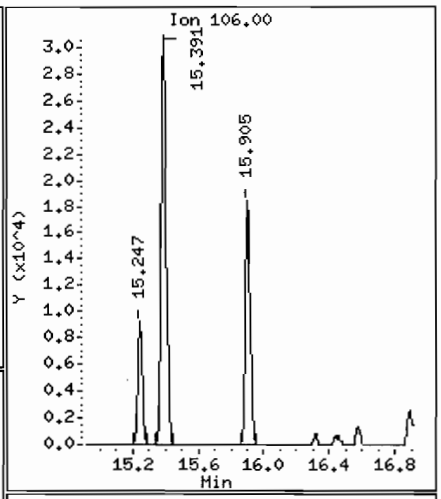
71 Xylene (o) Concentration: 3.1 ppbv

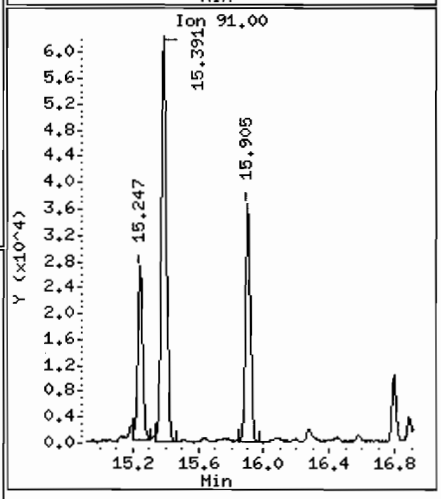












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

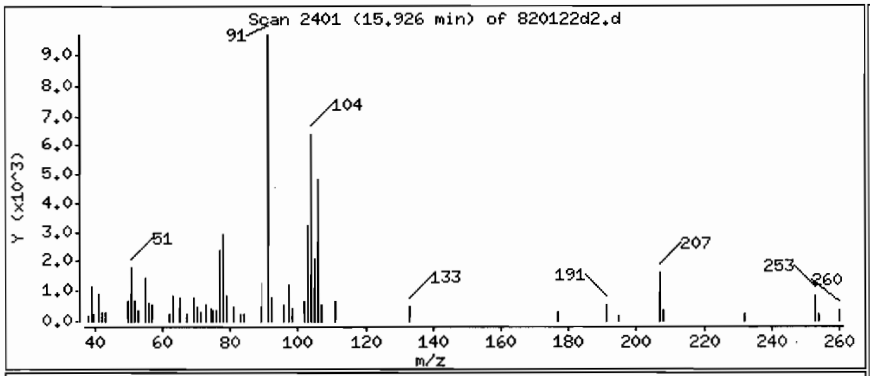
Client ID: CE-VAPOR-3 Instrument: F.i

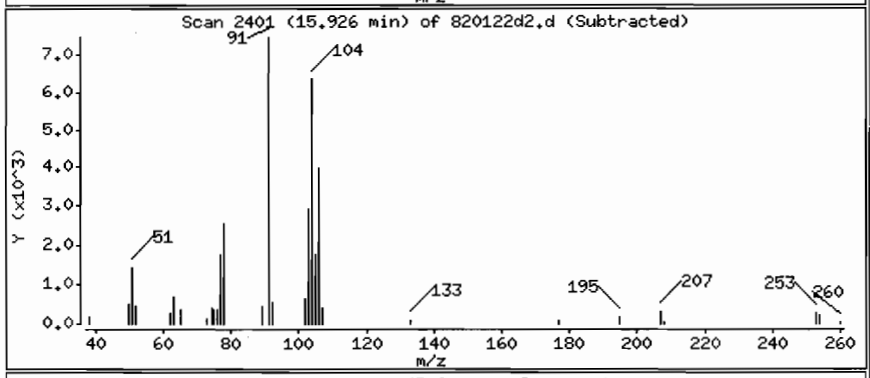
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

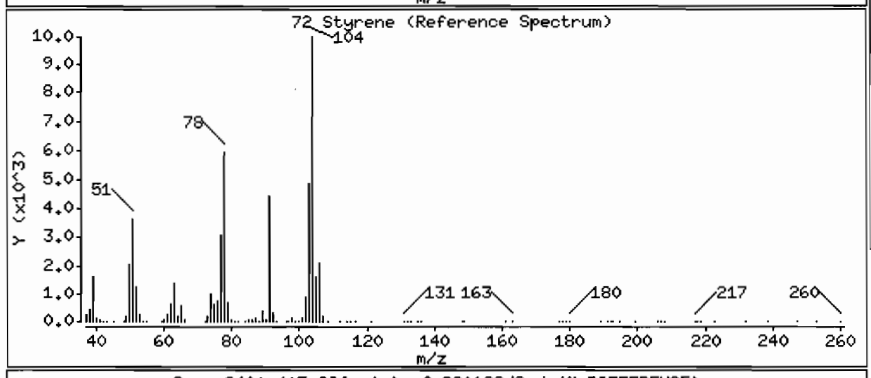
Purge Volume: 60.0 Operator: njr

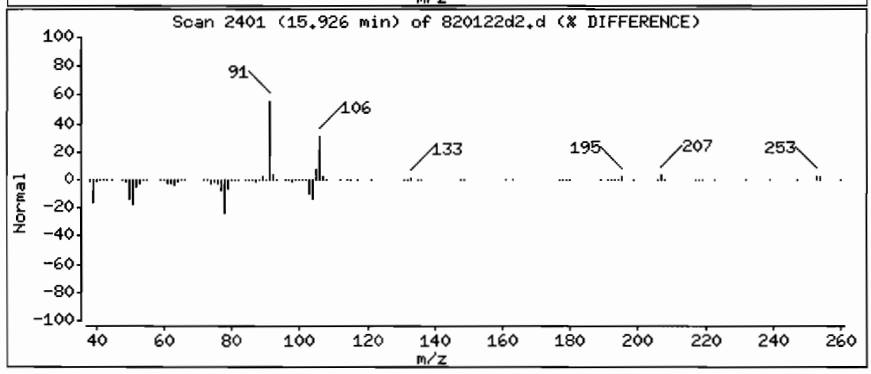
Column phase: RTX-624 Column diameter: 0.32

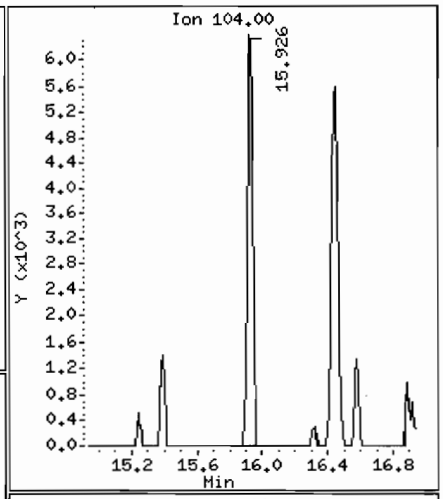
72 Styrene Concentration: 0.76 ppbv

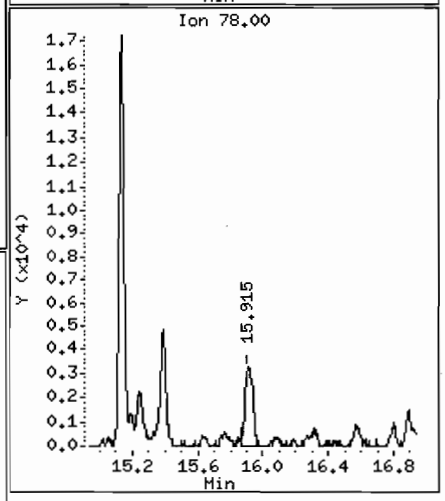












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

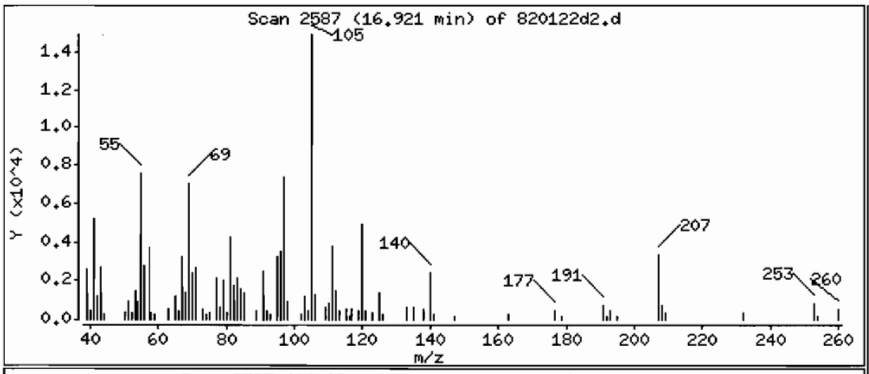
Client ID: CE-VAPOR-3 Instrument: F.i

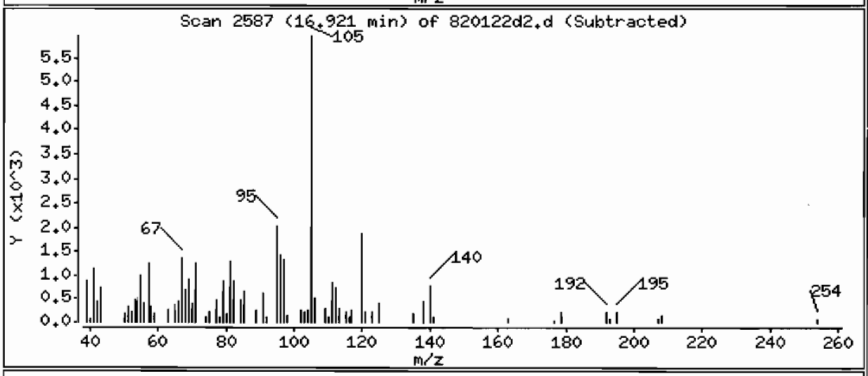
Sample Info: CE-VAPOR-3 :[J02/08/10 @1435(AIR)

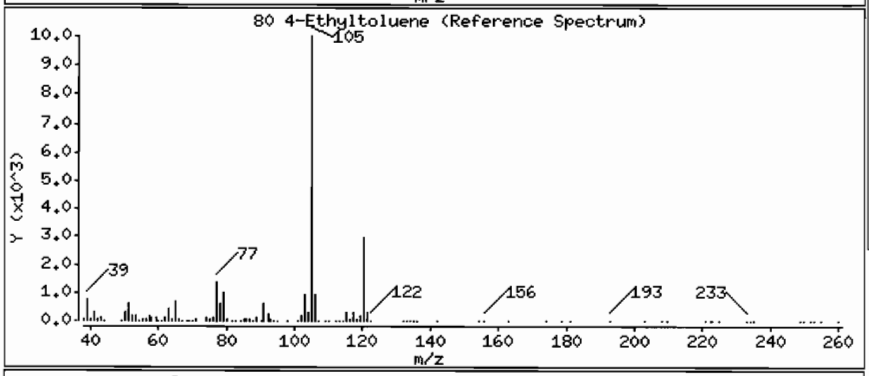
Purge Volume: 60.0 Operator: njr

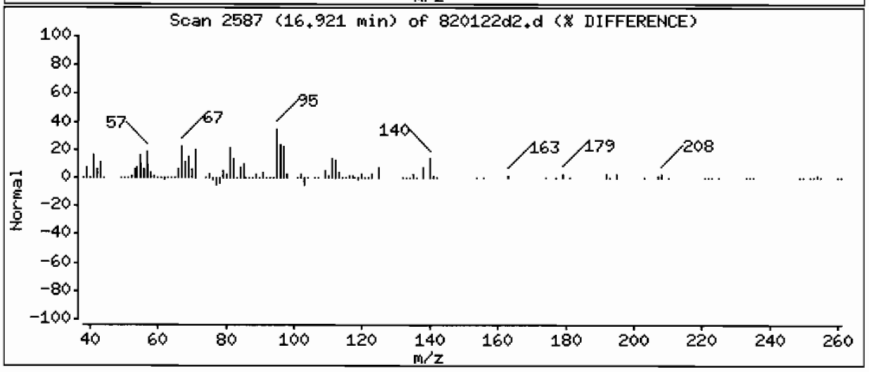
Column phase: RTX-624 Column diameter: 0.32

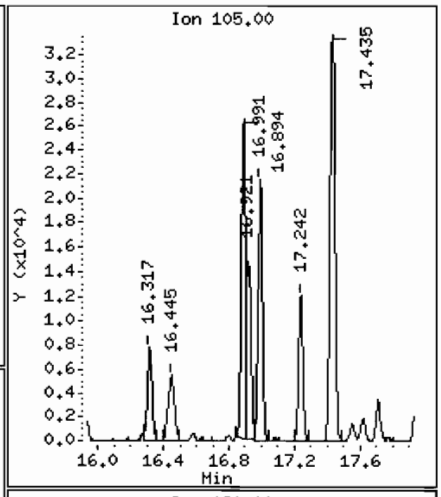
80 4-Ethyltoluene Concentration: 0.73 ppbv

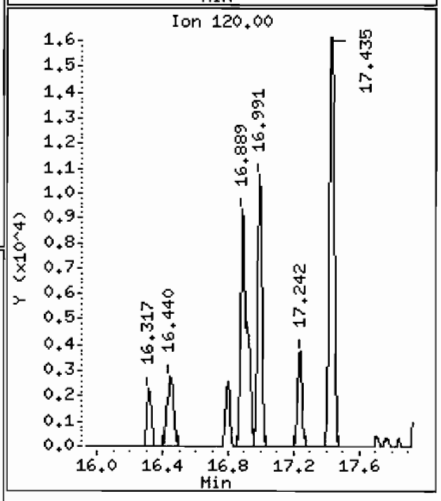












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

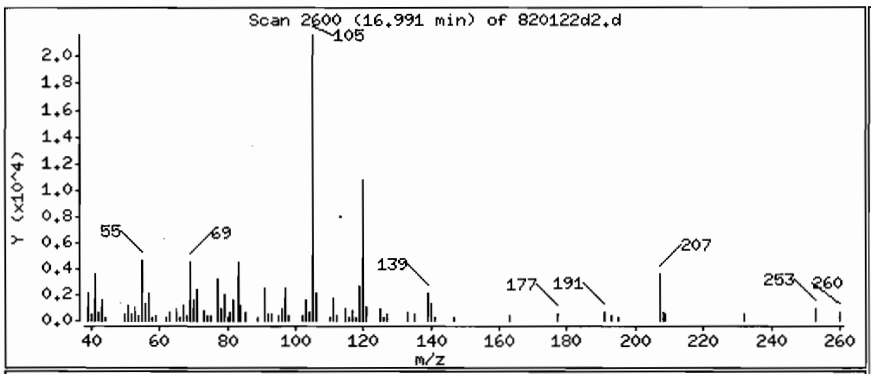
Client ID: CE-VAPOR-3 Instrument: F.i

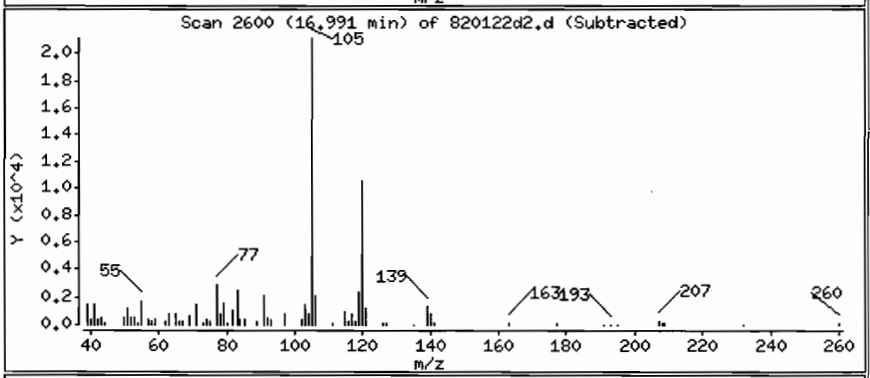
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

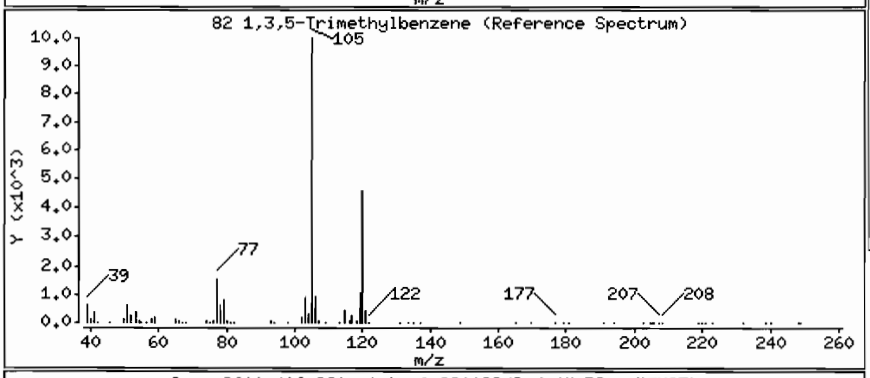
Purge Volume: 60.0 Operator: njr

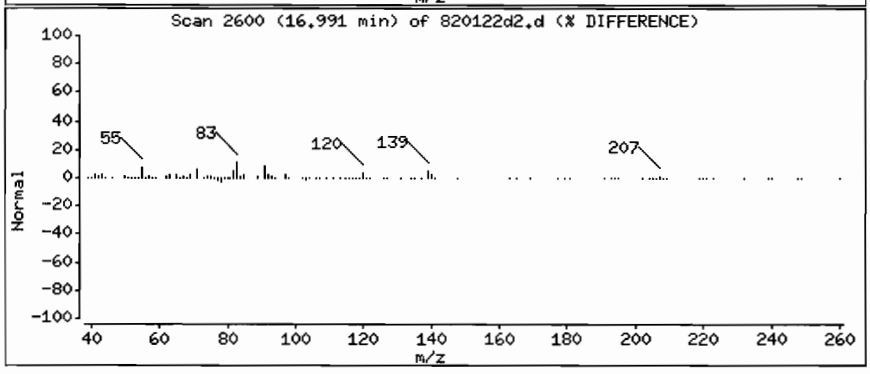
Column phase: RTX-624 Column diameter: 0.32

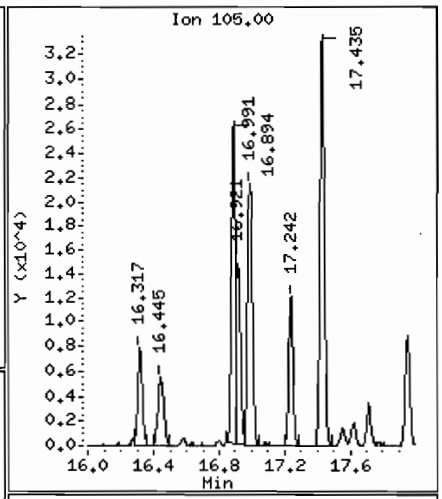
82 1,3,5-Trimethylbenzene Concentration: 1.3 ppbv

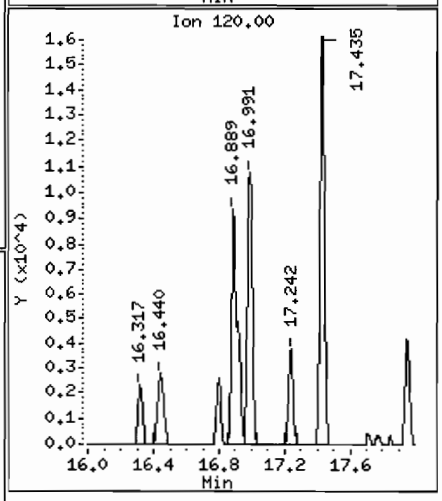












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

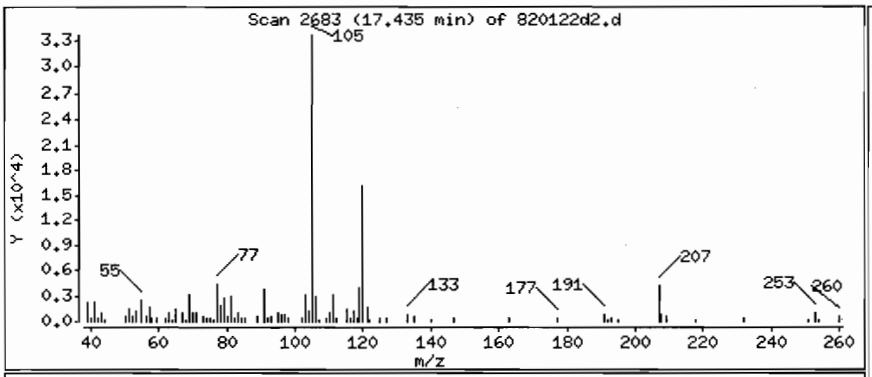
Client ID: CE-VAPOR-3 Instrument: F.i

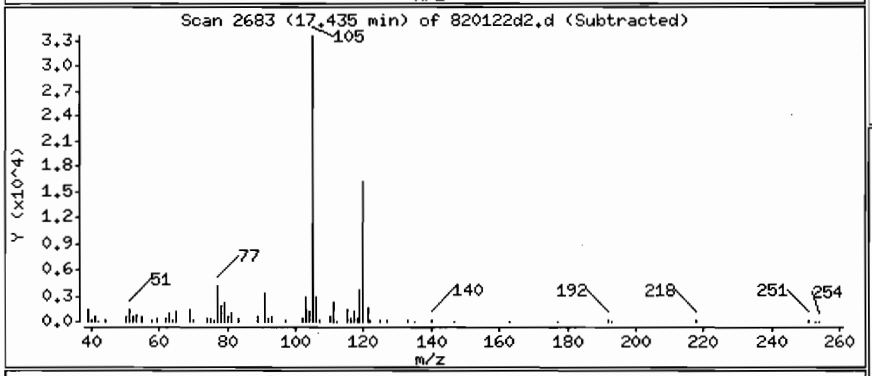
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

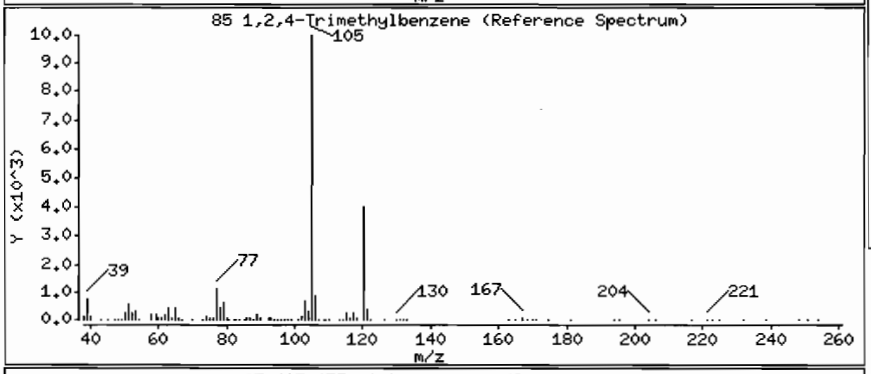
Purge Volume: 60.0 Operator: njr

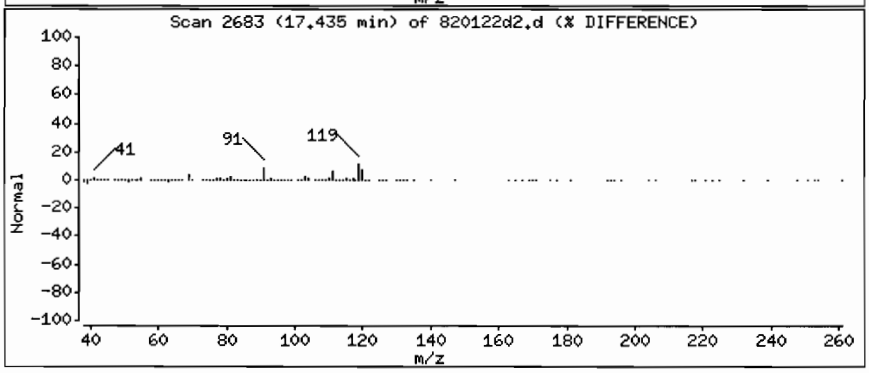
Column phase: RTX-624 Column diameter: 0.32

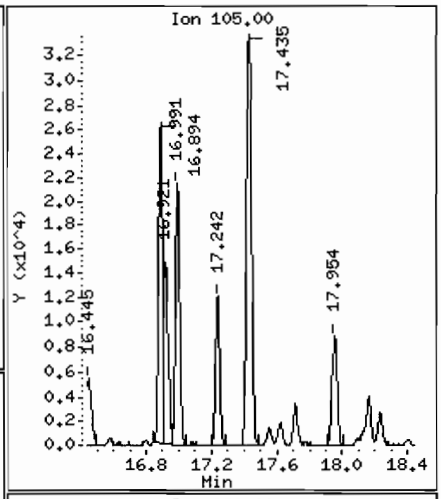
85 1,2,4-Trimethylbenzene Concentration: 2.1 ppbv

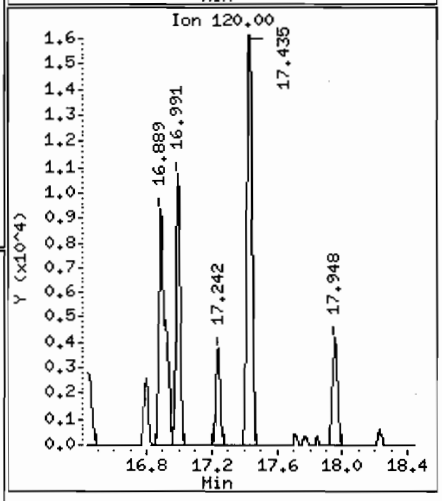












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820122d2.d

Date : 17-FEB-2010 10:56

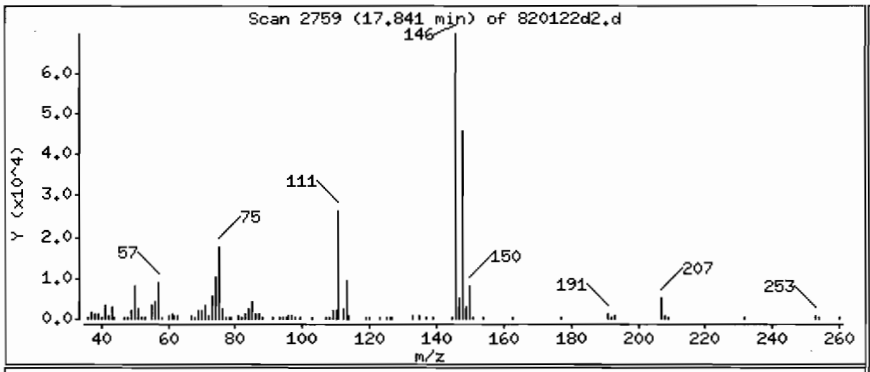
Client ID: CE-VAPOR-3 Instrument: F.i

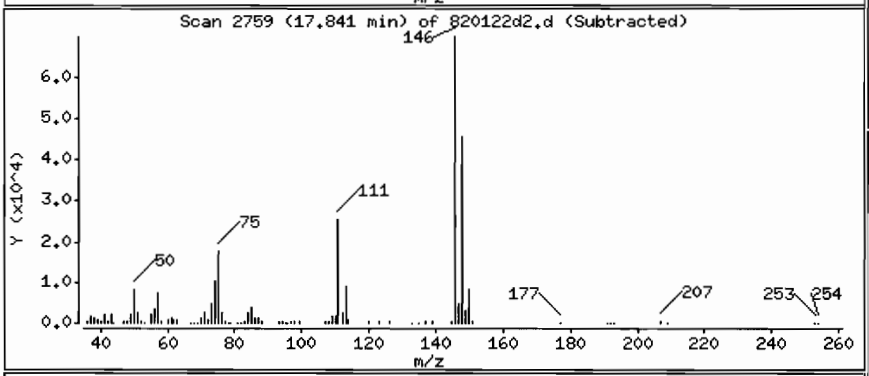
Sample Info: CE-VAPOR-3 :[ ]02/08/10 @1435(AIR)

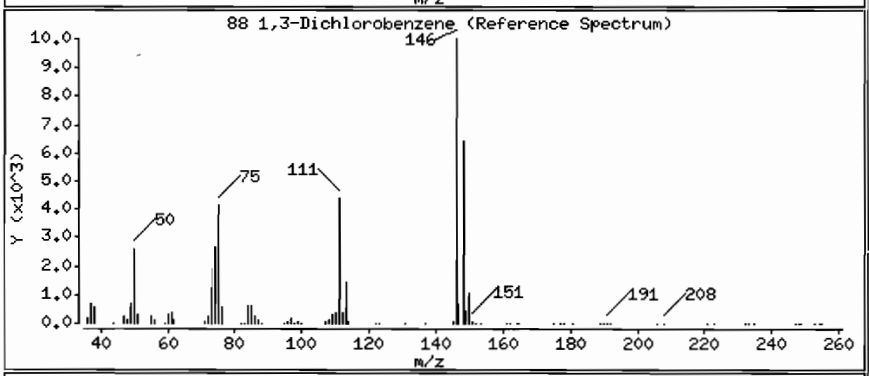
Purge Volume: 60.0 Operator: njr

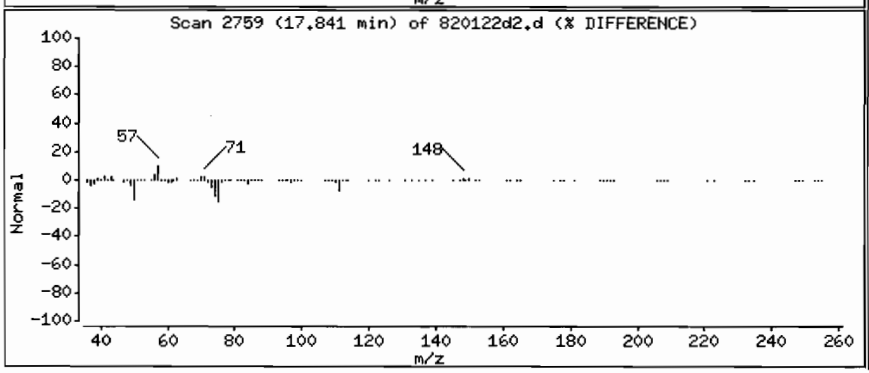
Column phase: RTX-624 Column diameter: 0.32

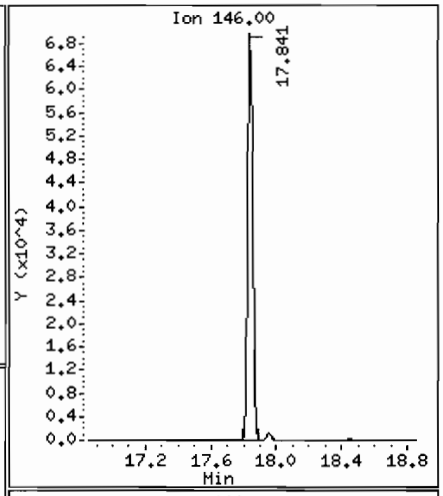
88 1,3-Dichlorobenzene Concentration: 5.7 ppbv

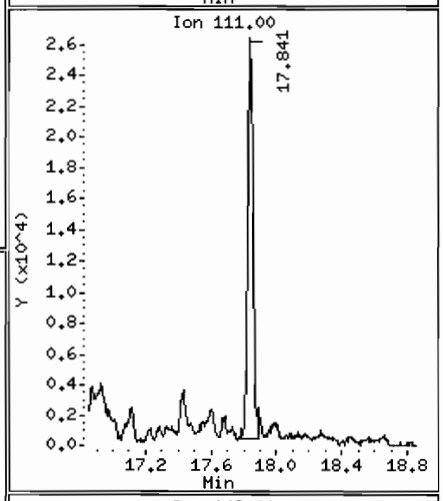


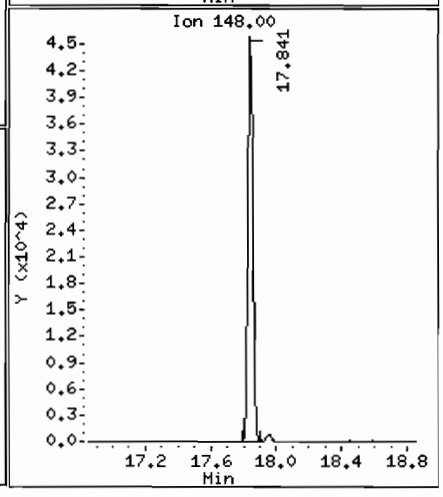












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820123

Sample wt/vol: 59.00 (g/mL) ML Lab File ID: 820123D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	280	
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.5	
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.1	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820123

Sample wt/vol: 59.00 (g/mL) ML Lab File ID: 820123D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

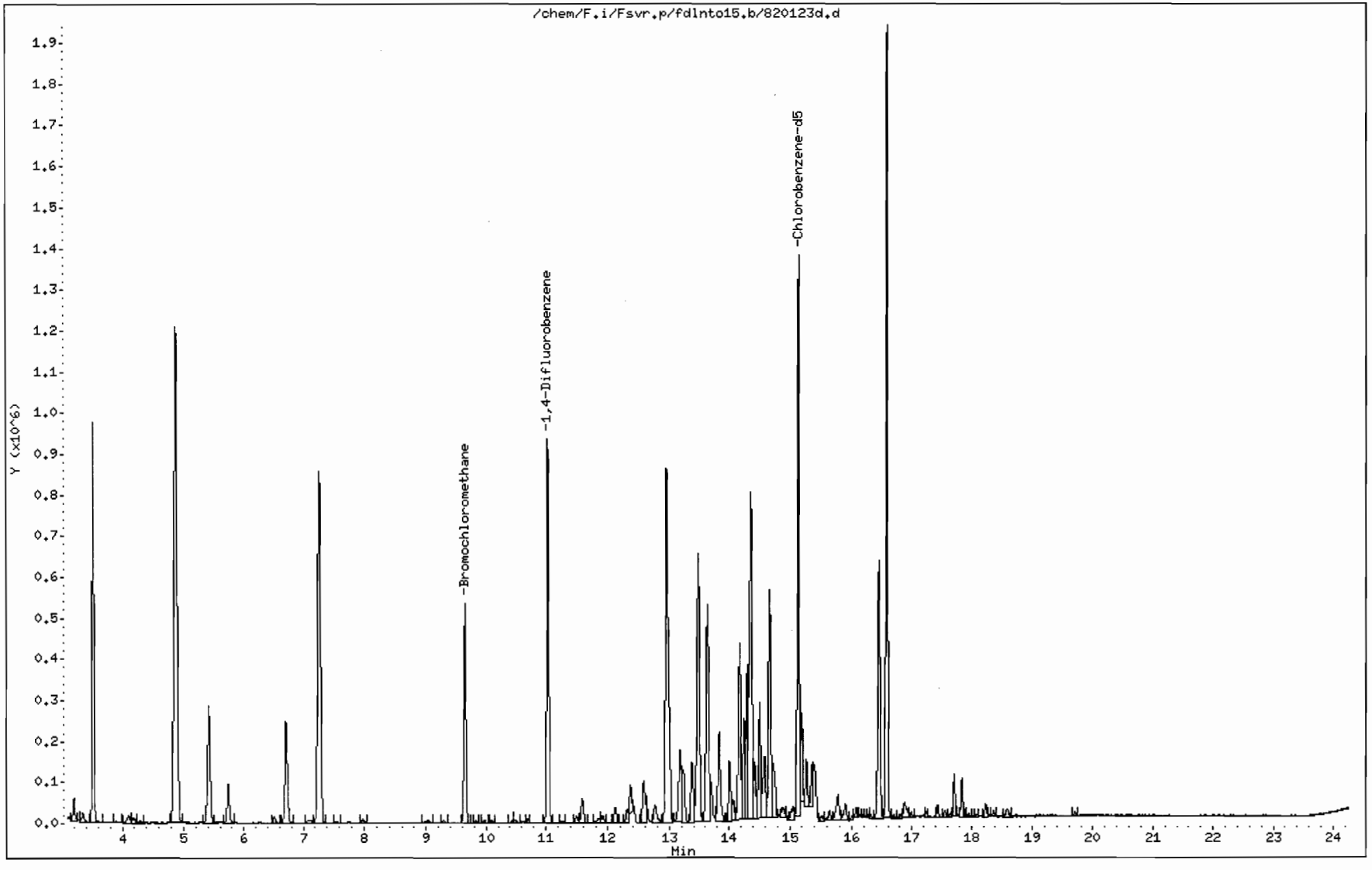
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	6.8	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	5.5	
95-47-6	Xylene (o)	2.6	
1330-20-7	Xylenes, Total	8.2	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	5.6	
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d
Date : 17-FEB-2010 00:12
Client ID: CE-VAPOR-4
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)
Purge Volume: 59.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d
Lab Smp Id: 820123 Client Smp ID: CE-VAPOR-4
Inj Date : 17-FEB-2010 00:12
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)
Misc Info : 820123;021610FA;9.97;59;cdf 2.94
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 13
Dil Factor: 9.97000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	9.97000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	59.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.703	6.719	(0.695)	472021	28.2022	280
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	7.265	7.281	(0.754)	8875	0.55370	5.5
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	210779	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.694	10.705	(0.969)	5328	0.20899	2.1
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1026975	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.176	13.187	(0.871)	31272	0.67772	6.8
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1002898	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	23050	0.55265	5.5
	71 Xylene (o)	106	15.910	15.915	(1.051)	10494	0.25793	2.6
M	70 Xylenes, Total	106				33544	0.82447	8.2
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	45615	0.55669	5.6
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

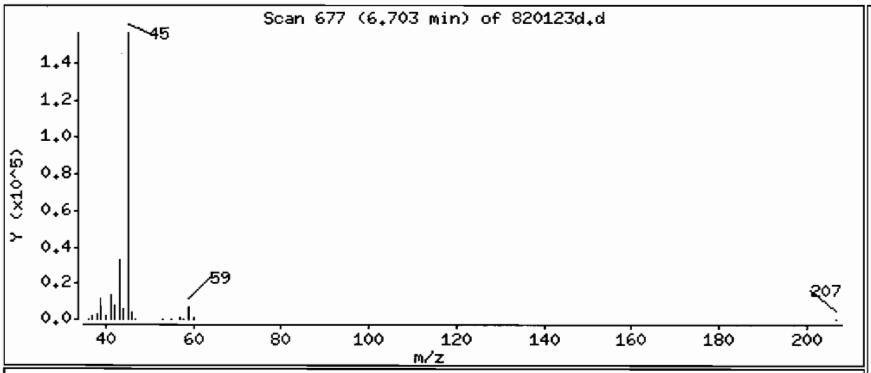
Client ID: CE-VAPOR-4 Instrument: F.i

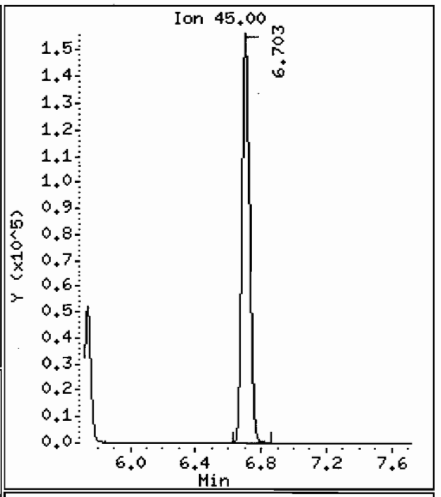
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

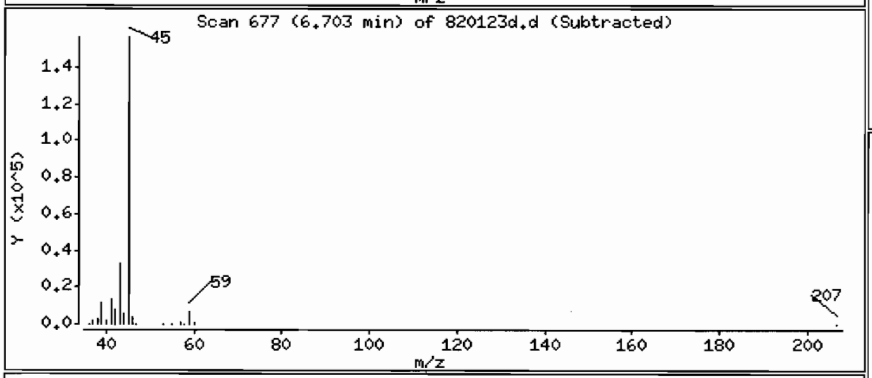
Purge Volume: 59.0 Operator: wrd

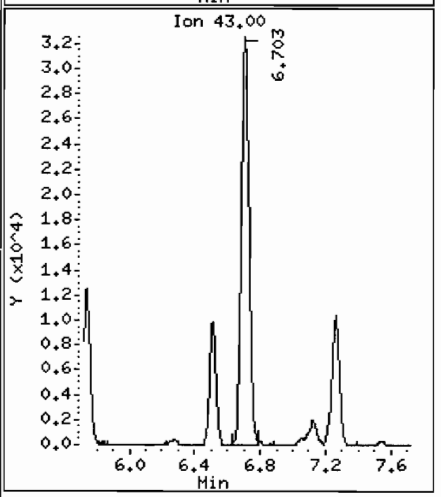
Column phase: RTX-624 Column diameter: 0.32

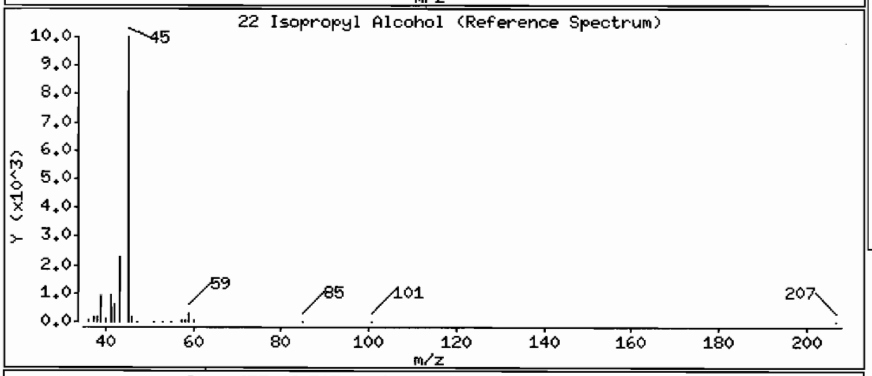
22 Isopropyl Alcohol Concentration: 280 ppbv

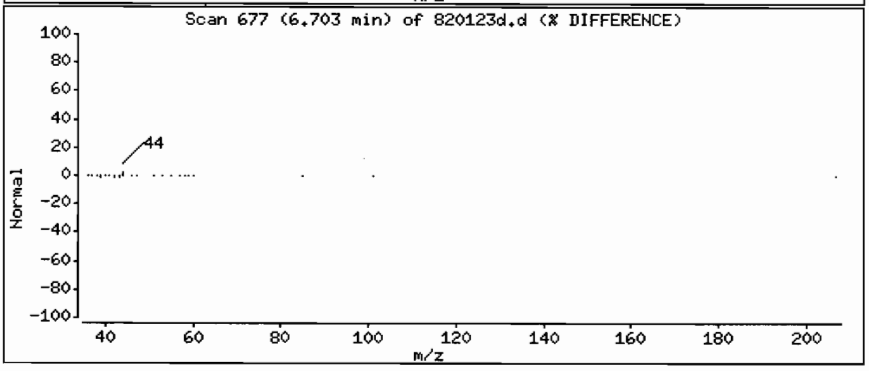












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

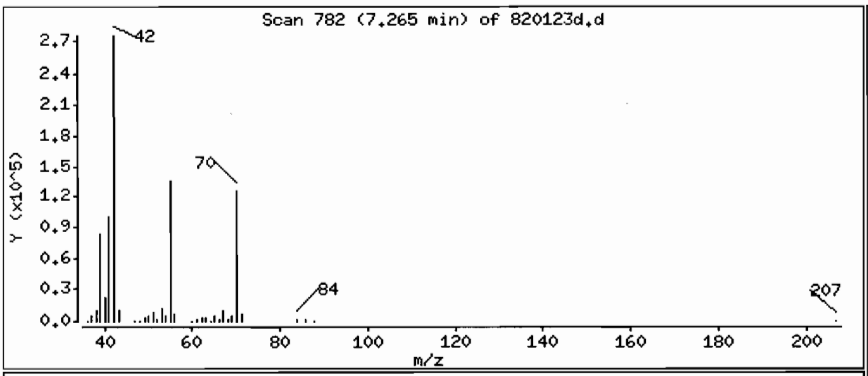
Client ID: CE-VAPOR-4 Instrument: F.i

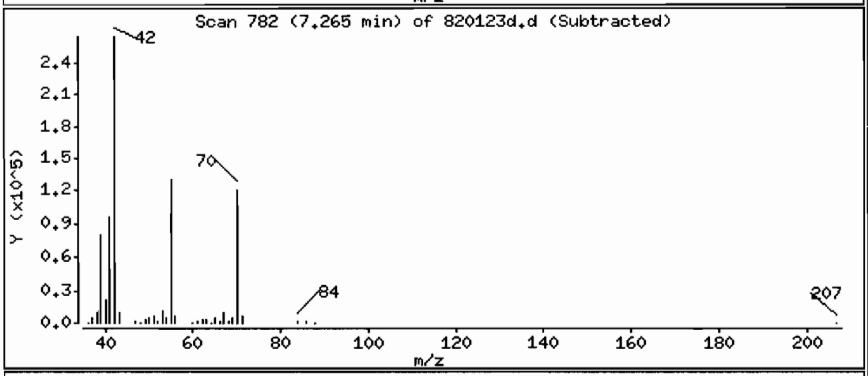
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

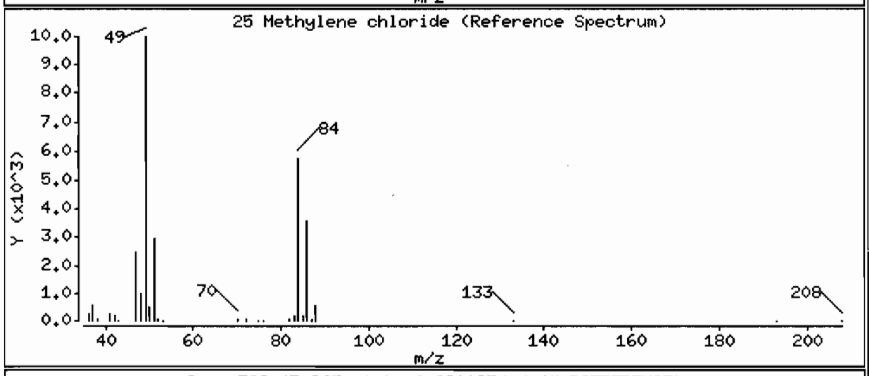
Purge Volume: 59.0 Operator: wrd

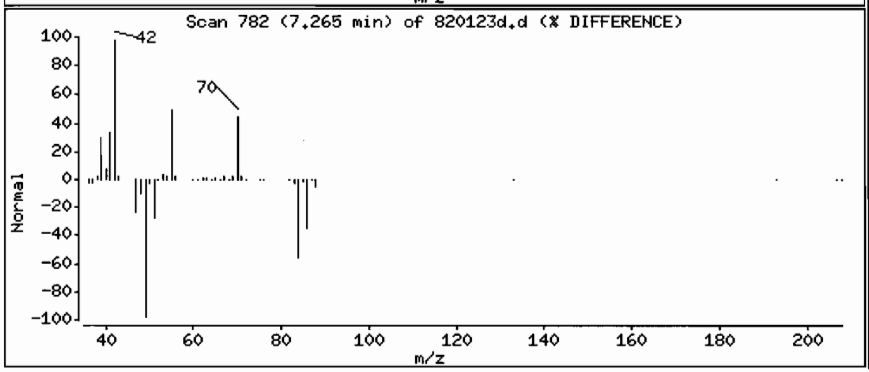
Column phase: RTX-624 Column diameter: 0.32

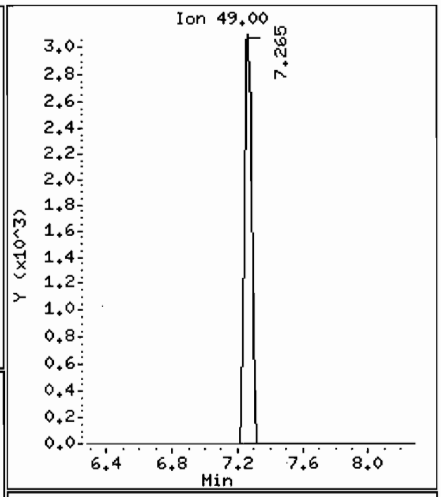
25 Methylene chloride Concentration: 5.5 ppbv

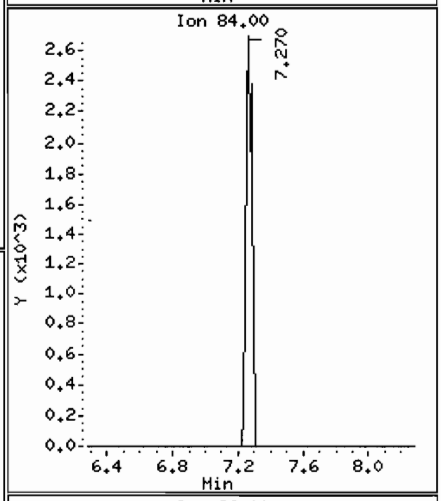


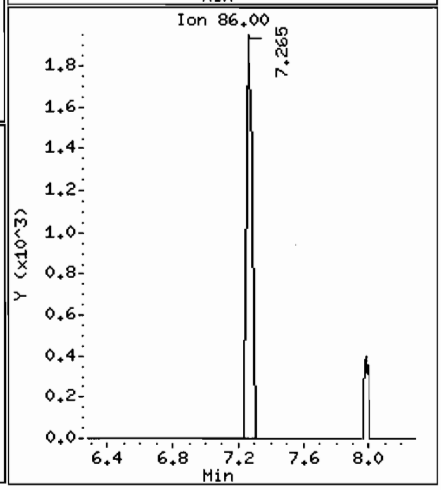












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

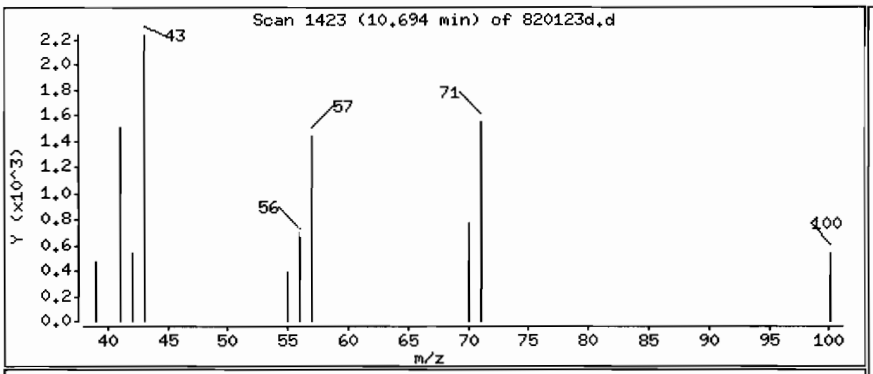
Client ID: CE-VAPOR-4 Instrument: F.i

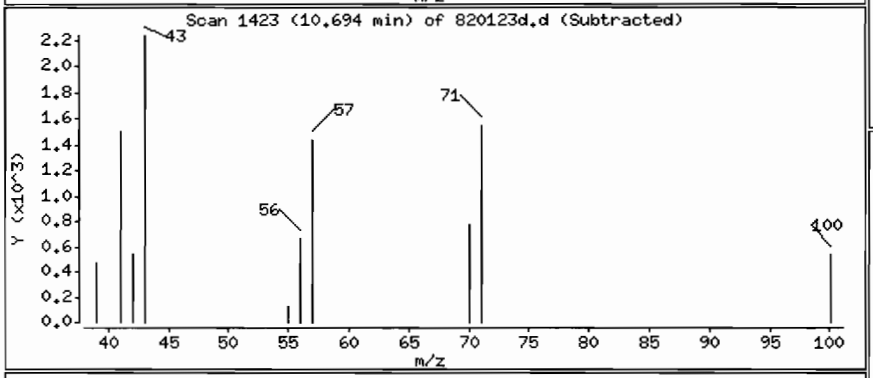
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

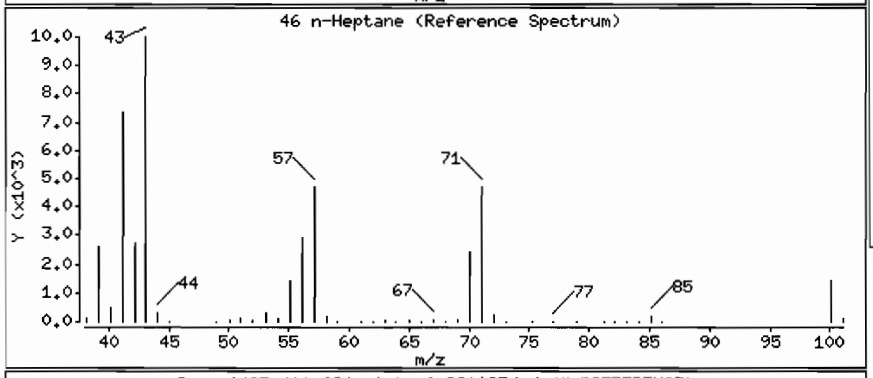
Purge Volume: 59.0 Operator: wrd

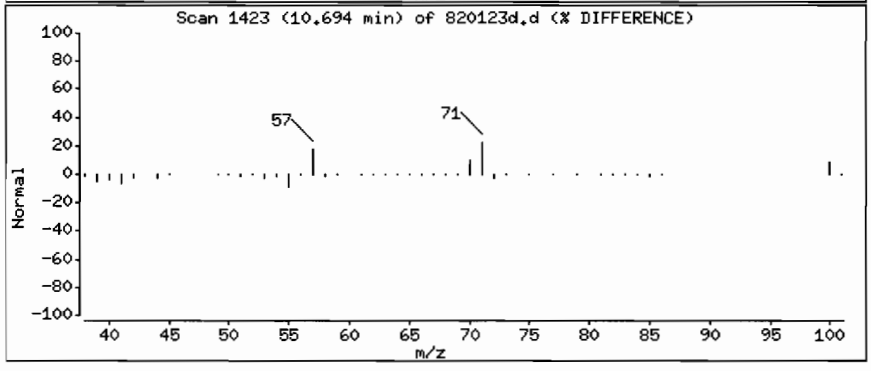
Column phase: RTX-624 Column diameter: 0.32

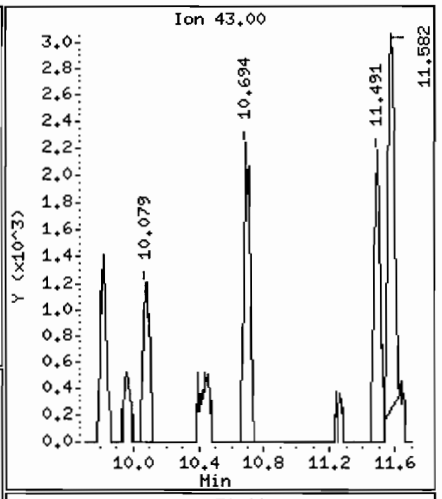
46 n-Heptane Concentration: 2.1 ppbv

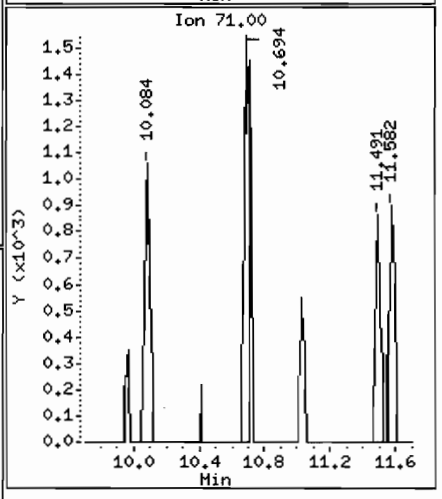












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

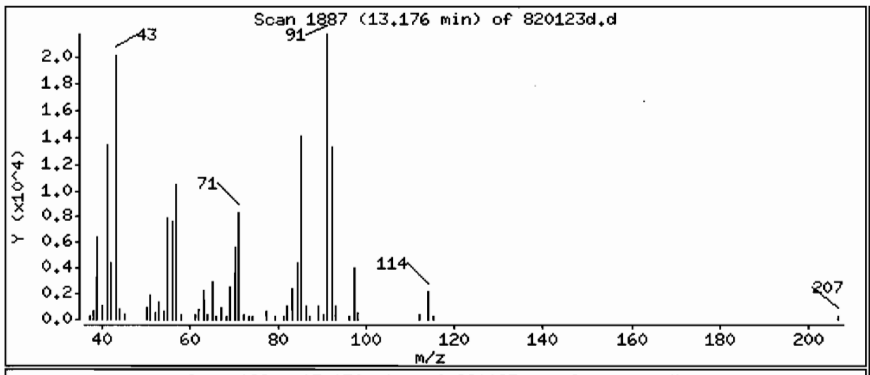
Client ID: CE-VAPOR-4 Instrument: F.i

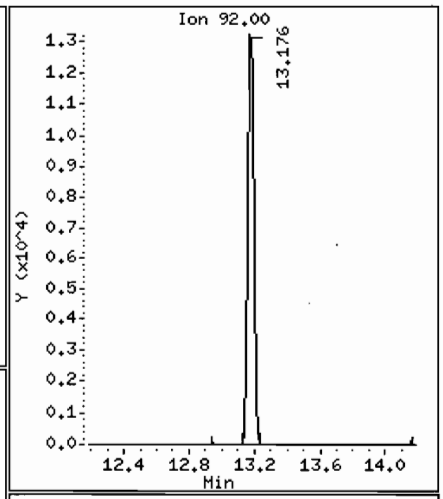
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

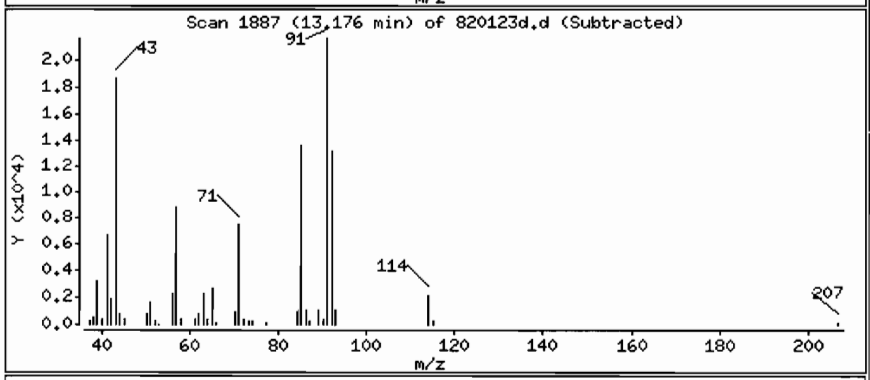
Purge Volume: 59.0 Operator: wrd

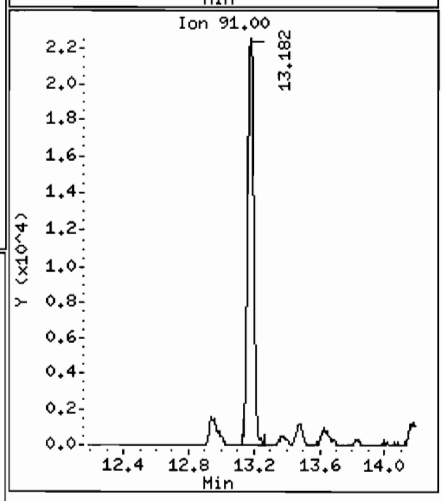
Column phase: RTX-624 Column diameter: 0.32

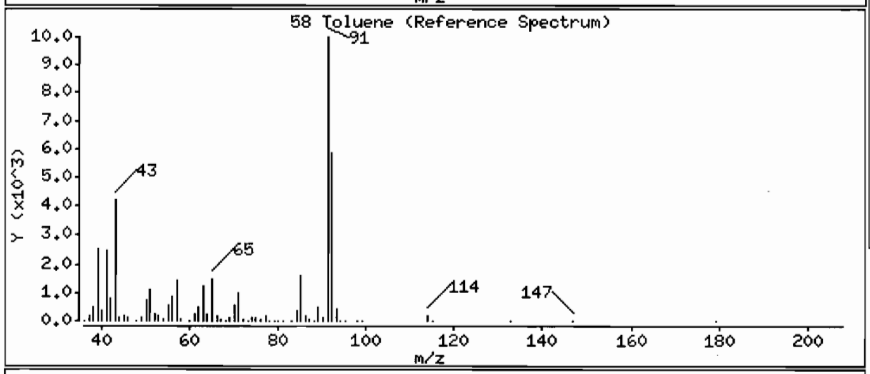
58 Toluene Concentration: 6.8 ppbv

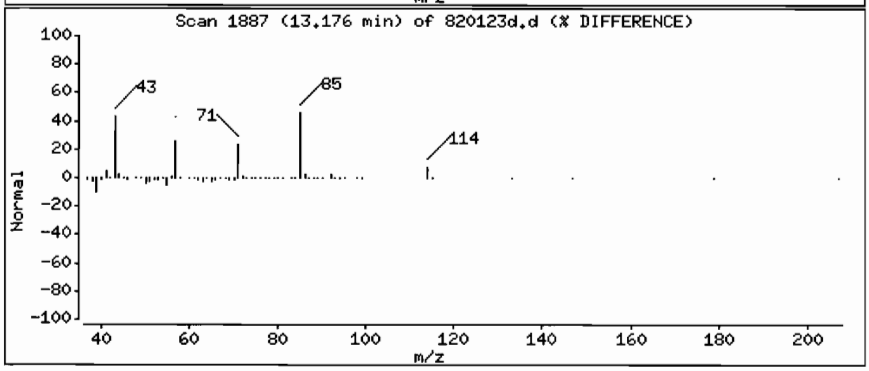












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

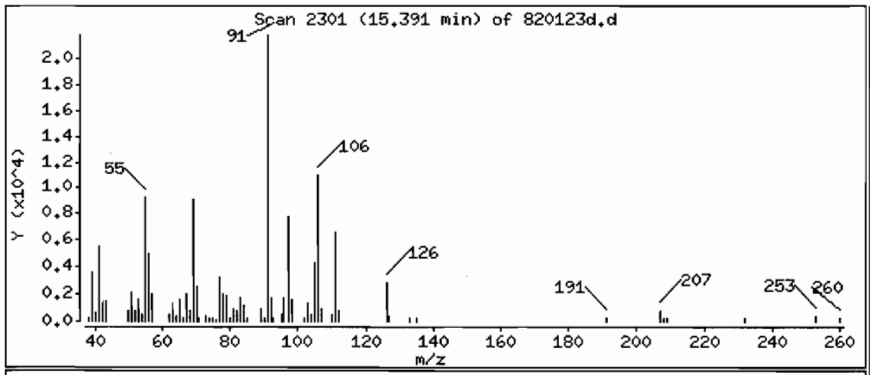
Client ID: CE-VAPOR-4 Instrument: F.i

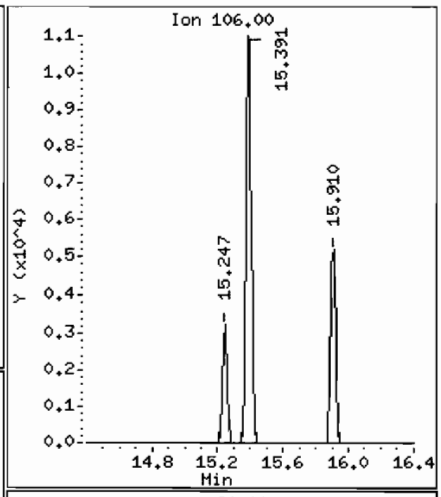
Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

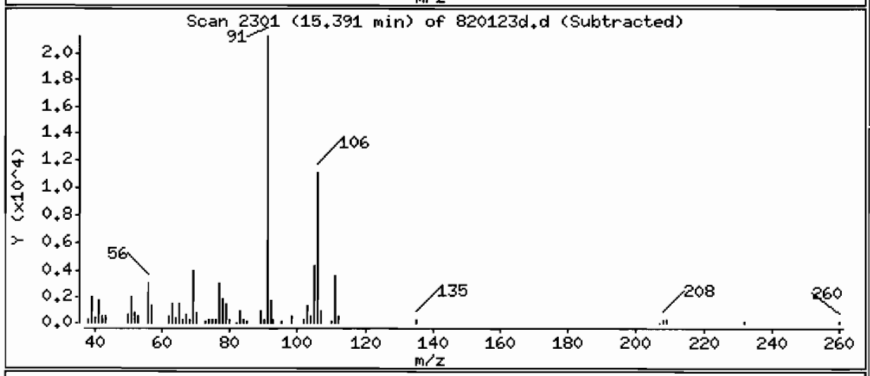
Purge Volume: 59.0 Operator: wrd

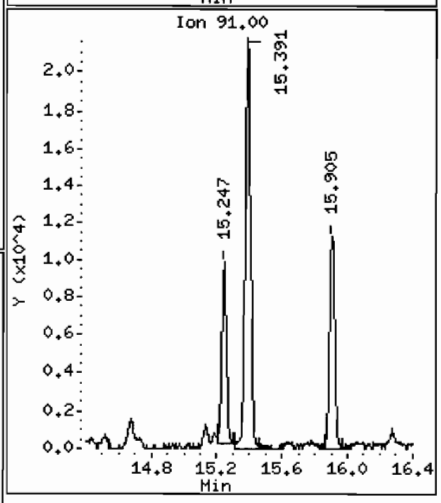
Column phase: RTX-624 Column diameter: 0.32

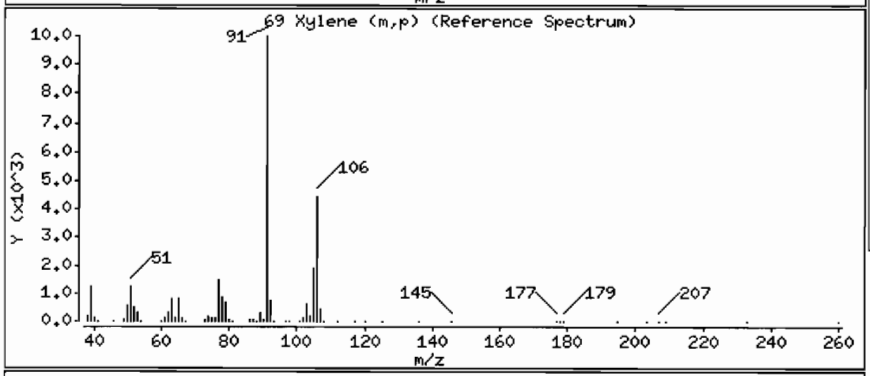
69 Xylene (m,p) Concentration: 5.5 ppbv

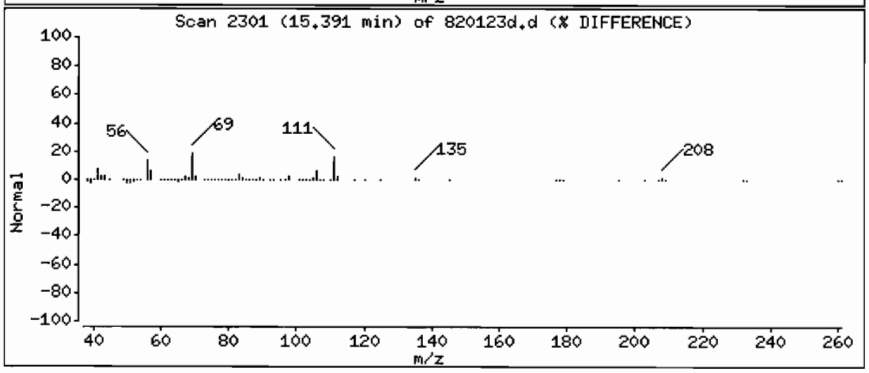












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

Client ID: CE-VAPOR-4

Instrument: F.i

Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

Purge Volume: 59.0

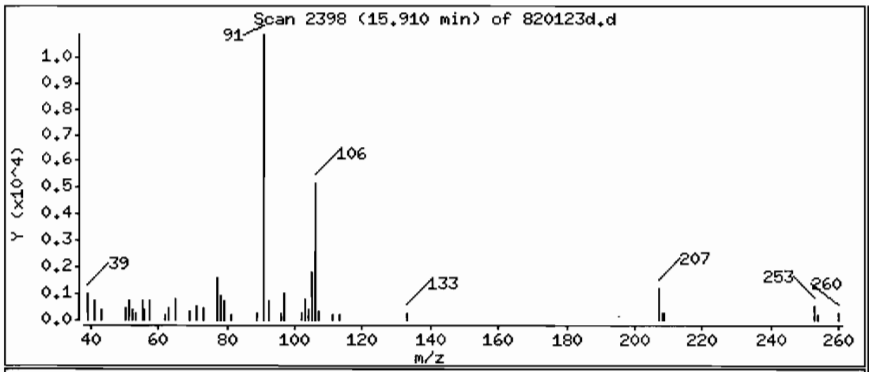
Operator: wrd

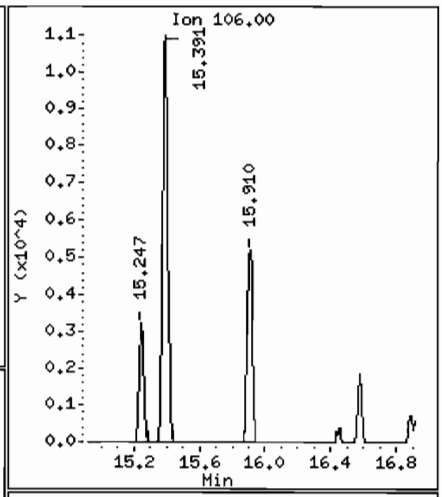
Column phase: RTX-624

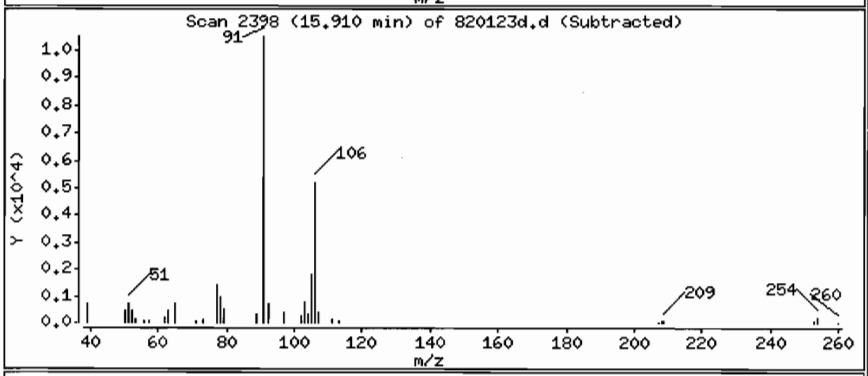
Column diameter: 0.32

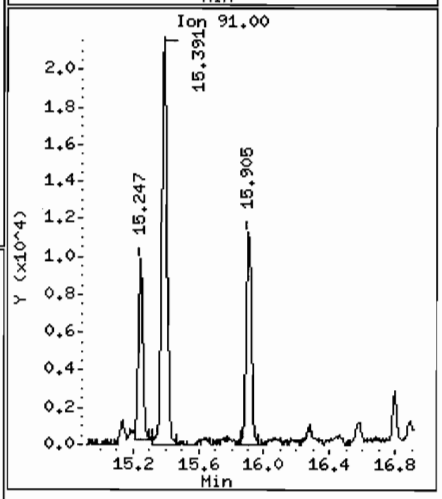
71 Xylene (o)

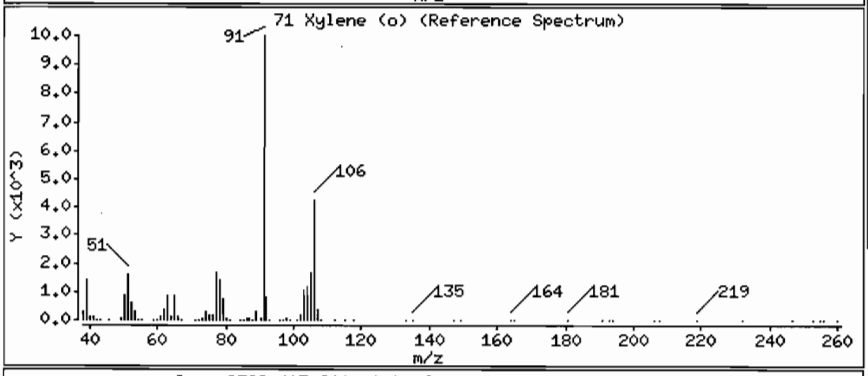
Concentration: 2.6 ppbv

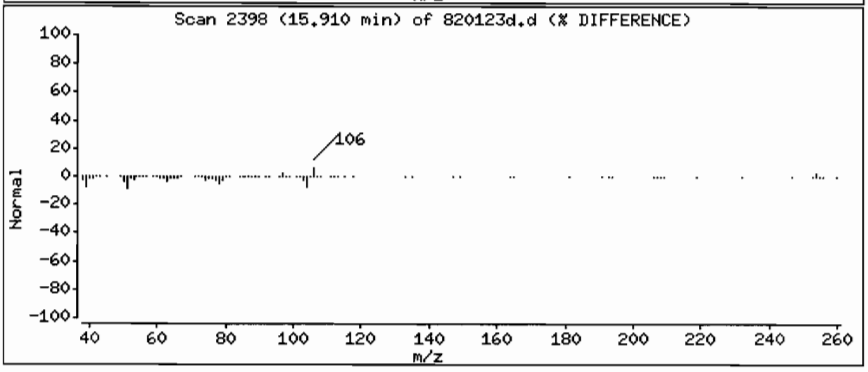












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820123d.d

Date : 17-FEB-2010 00:12

Client ID: CE-VAPOR-4

Instrument: F.i

Sample Info: CE-VAPOR-4 :[ ]02/08/10 @1442(AIR)

Purge Volume: 59.0

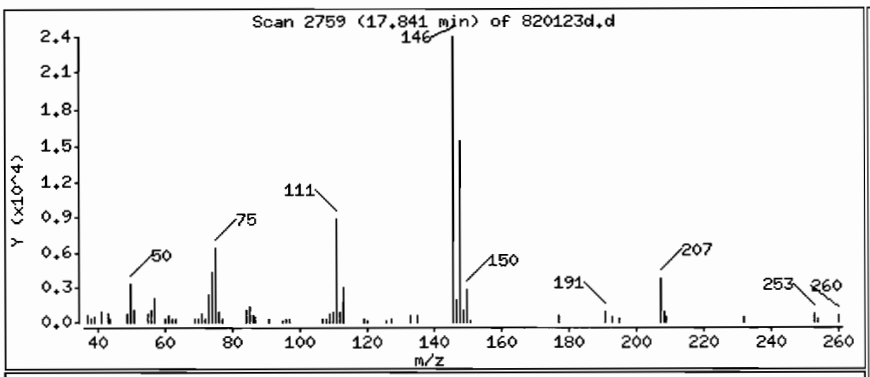
Operator: wrd

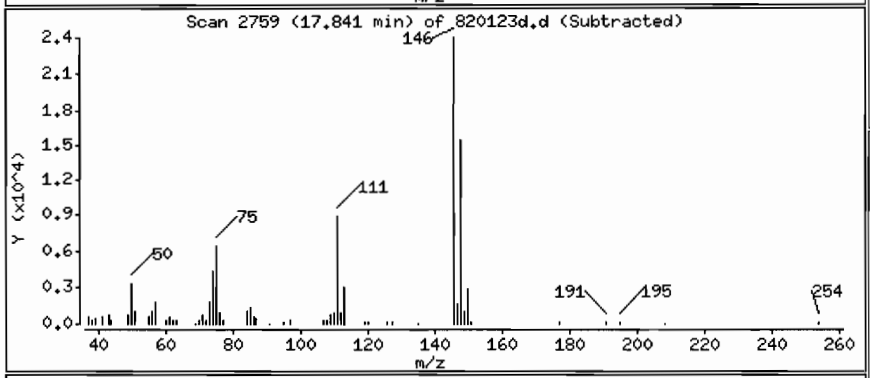
Column phase: RTX-624

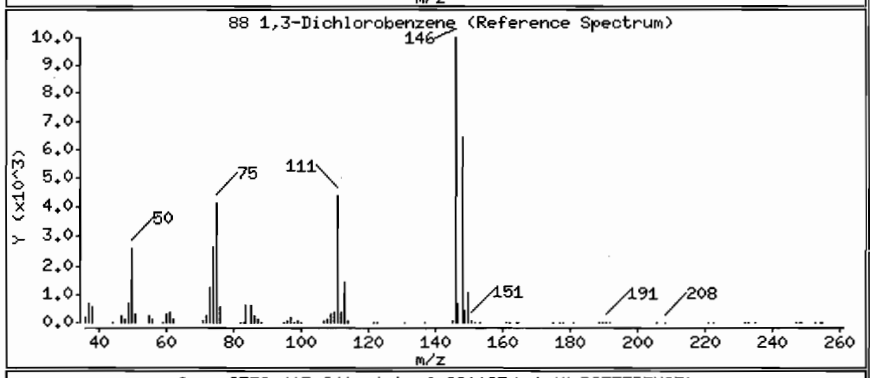
Column diameter: 0.32

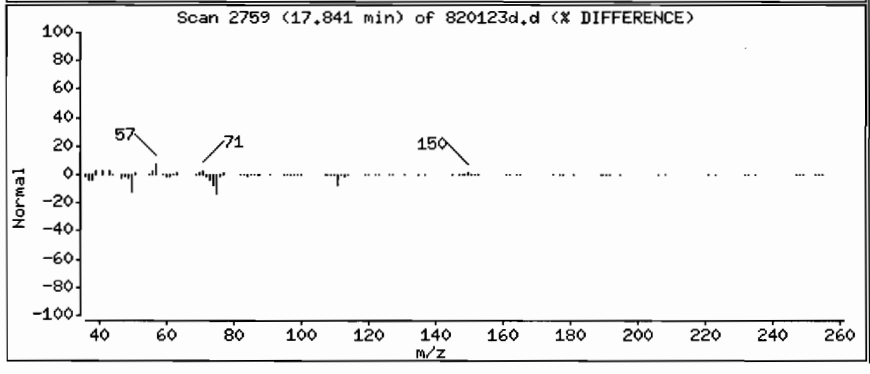
88 1,3-Dichlorobenzene

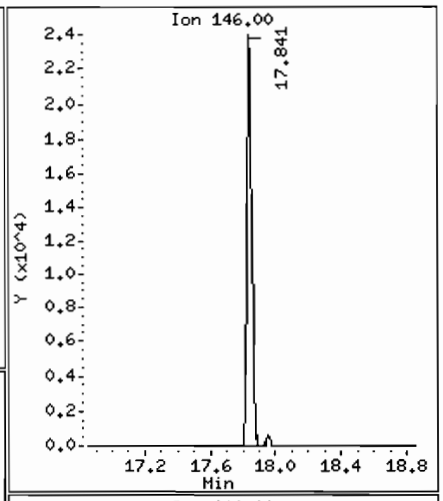
Concentration: 5.6 ppbv

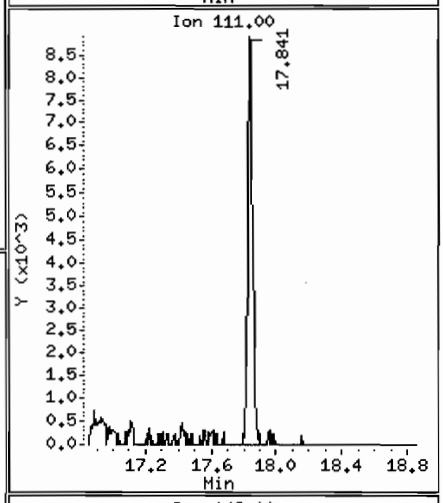


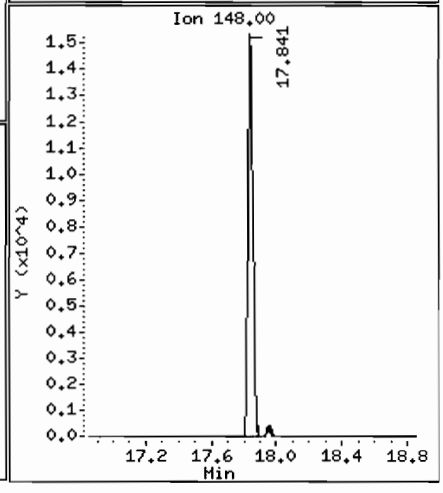












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820125

Sample wt/vol: 88.00 (g/mL) ML Lab File ID: 820125D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.3

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.1	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.45	U
74-87-3	Chloromethane	1.1	U
75-01-4	Vinyl Chloride	0.45	U
106-99-0	1,3-Butadiene	1.1	U
74-83-9	Bromomethane	0.45	U
75-00-3	Chloroethane	1.1	U
593-60-2	Bromoethene	0.45	U
75-69-4	Trichlorofluoromethane	0.45	U
76-13-1	Freon TF	0.45	U
75-35-4	1,1-Dichloroethene	0.45	U
67-64-1	Acetone	30	
67-63-0	Isopropyl Alcohol	62	
75-15-0	Carbon disulfide	1.2	
107-05-1	3-Chloropropene	1.1	U
75-09-2	Methylene chloride	1.1	U
75-65-0	tert-Butyl Alcohol	11	U
1634-04-4	Methyl tert-Butyl Ether	1.1	U
156-60-5	trans-1,2-Dichloroethene	0.45	U
110-54-3	n-Hexane	3.0	
75-34-3	1,1-Dichloroethane	0.45	U
78-93-3	Methyl Ethyl Ketone	2.9	
156-59-2	cis-1,2-Dichloroethene	0.45	U
540-59-0	1,2-Dichloroethene,Total	0.45	U
67-66-3	Chloroform	0.49	
109-99-9	Tetrahydrofuran	11	U
71-55-6	1,1,1-Trichloroethane	0.45	U
110-82-7	Cyclohexane	0.45	U
56-23-5	Carbon tetrachloride	0.45	U
540-84-1	2,2,4-Trimethylpentane	0.45	U
71-43-2	Benzene	0.97	
107-06-2	1,2-Dichloroethane	0.45	U
142-82-5	n-Heptane	0.56	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820125

Sample wt/vol: 88.00 (g/mL) ML Lab File ID: 820125D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.3

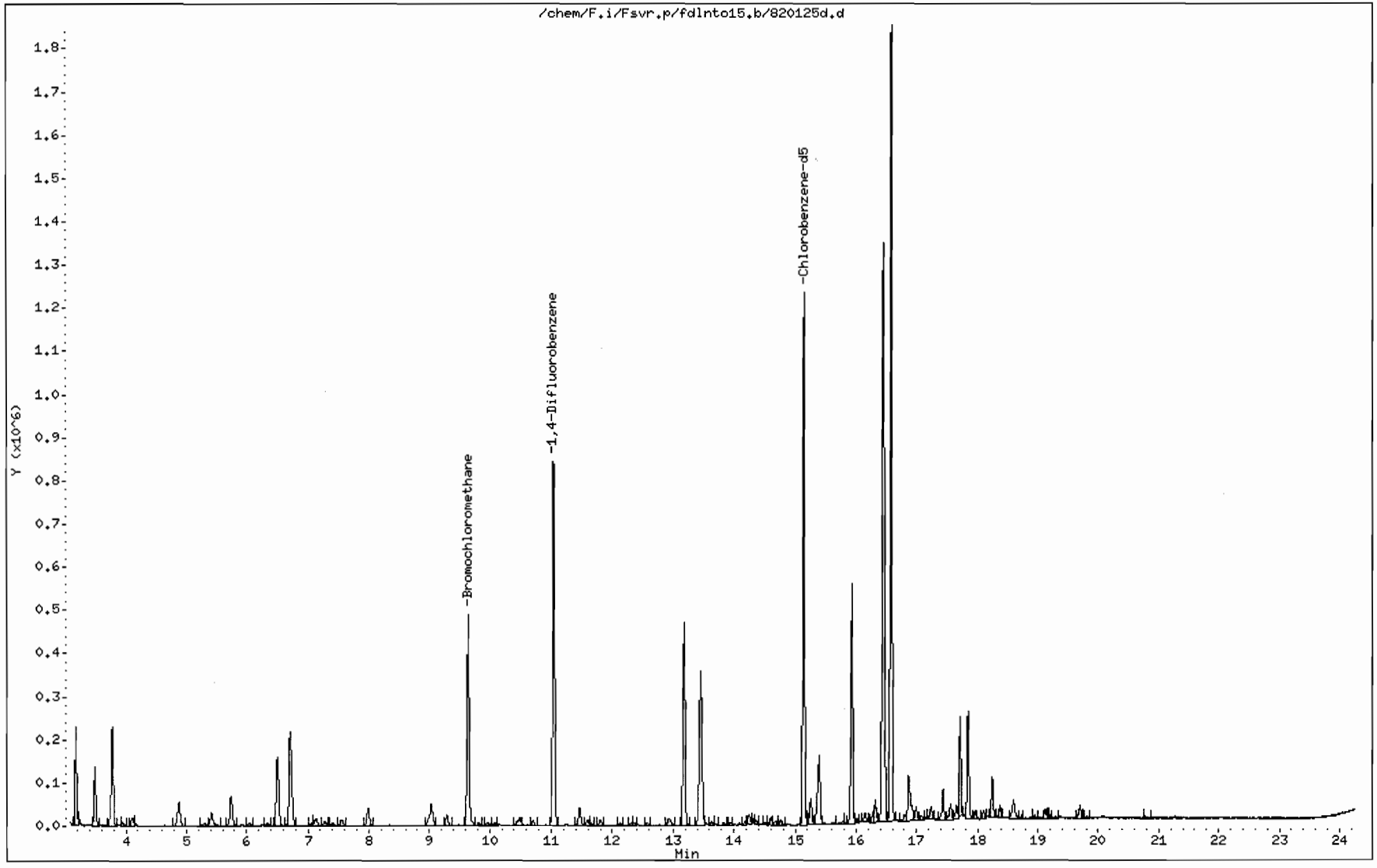
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.45	U
78-87-5	1,2-Dichloropropane	0.45	U
123-91-1	1,4-Dioxane	11	U
75-27-4	Bromodichloromethane	0.45	U
10061-01-5	cis-1,3-Dichloropropene	0.45	U
108-10-1	Methyl Isobutyl Ketone	1.1	U
108-88-3	Toluene	15	
10061-02-6	trans-1,3-Dichloropropene	0.45	U
79-00-5	1,1,2-Trichloroethane	0.45	U
127-18-4	Tetrachloroethene	0.45	U
591-78-6	Methyl Butyl Ketone	1.1	U
124-48-1	Dibromochloromethane	0.45	U
106-93-4	1,2-Dibromoethane	0.45	U
108-90-7	Chlorobenzene	0.45	U
100-41-4	Ethylbenzene	1.0	
1330-20-7	Xylene (m,p)	3.4	
95-47-6	Xylene (o)	1.2	
1330-20-7	Xylenes, Total	4.6	
100-42-5	Styrene	14	
75-25-2	Bromoform	0.45	U
79-34-5	1,1,2,2-Tetrachloroethane	0.45	U
622-96-8	4-Ethyltoluene	0.45	U
108-67-8	1,3,5-Trimethylbenzene	0.45	U
95-49-8	2-Chlorotoluene	0.45	U
95-63-6	1,2,4-Trimethylbenzene	1.1	
541-73-1	1,3-Dichlorobenzene	3.7	
106-46-7	1,4-Dichlorobenzene	0.45	U
95-50-1	1,2-Dichlorobenzene	0.45	U
120-82-1	1,2,4-Trichlorobenzene	1.1	U
87-68-3	Hexachlorobutadiene	0.45	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d
Date : 17-FEB-2010 08:23
Client ID: CE-VAPOR-5
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)
Purge Volume: 88.0
Column phase: RTX-624

Instrument: F.i
Operator: njr
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d
Lab Smp Id: 820125 Client Smp ID: CE-VAPOR-5
Inj Date : 17-FEB-2010 08:23
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)
Misc Info : 820125;021610FA;2.27;88
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 15
Dil Factor: 2.27000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	2.27000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	88.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.505	6.516	(0.674)	285995	13.0322	30
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	418450	27.1893	62
21 Carbon disulfide	76	6.751	6.757	(0.700)	22963	0.51982	1.2
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	7.976	7.993	(0.827)	29751	1.32143	3.0
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.287	9.293	(0.963)	10211	1.26842	2.9(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.646	9.656	(1.000)	193818	10.0000	
	39 Chloroform	83	9.715	9.726	(1.007)	8638	0.21577	0.49
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.491	10.502	(0.951)	21862	0.42921	0.97
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.969)	5768	0.24852	0.56
*	47 1,4-Difluorobenzene	114	11.037	11.042	(1.000)	934923	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	268255	6.51970	15
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	894276	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	41045	0.45054	1.0
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	55163	1.48324	3.4
	71 Xylene (o)	106	15.905	15.915	(1.051)	19043	0.52491	1.2
M	70 Xylenes, Total	106				74206	2.04543	4.6
	72 Styrene	104	15.931	15.937	(1.053)	322692	6.02026	14
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	45553	0.46822	1.1
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	119773	1.63928	3.7
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

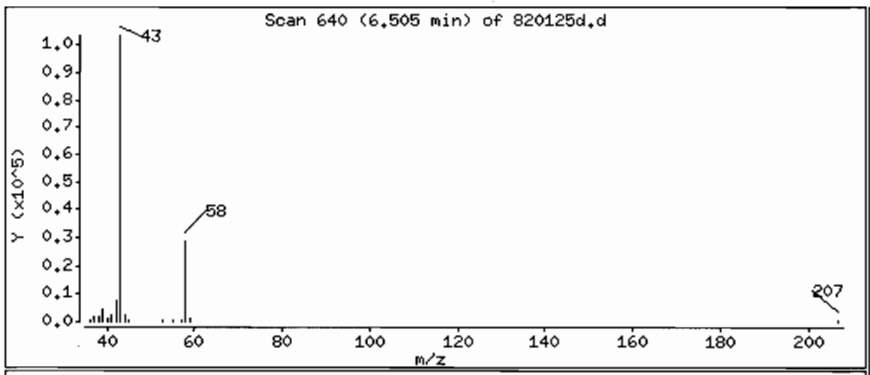
Client ID: CE-VAPOR-5 Instrument: F.i

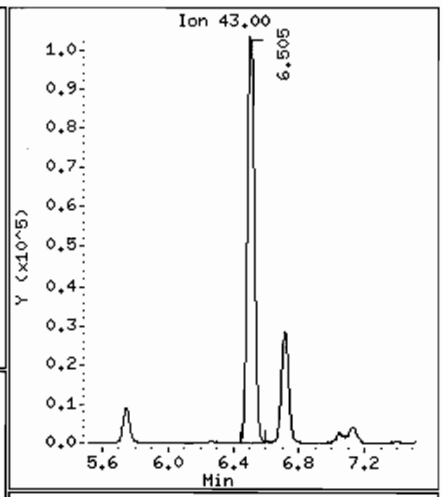
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

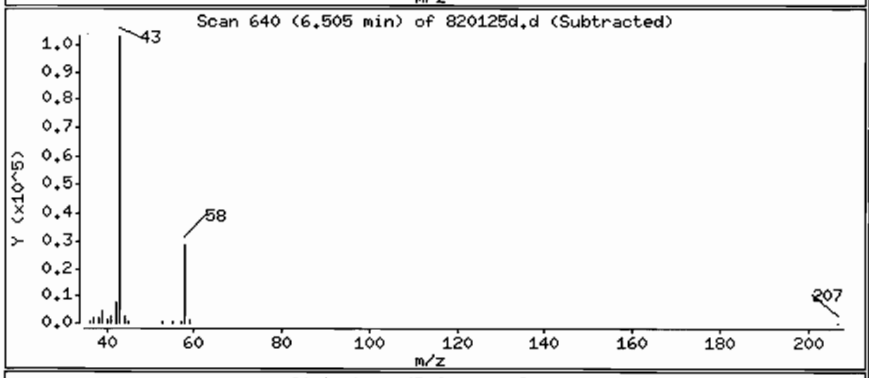
Purge Volume: 88.0 Operator: njr

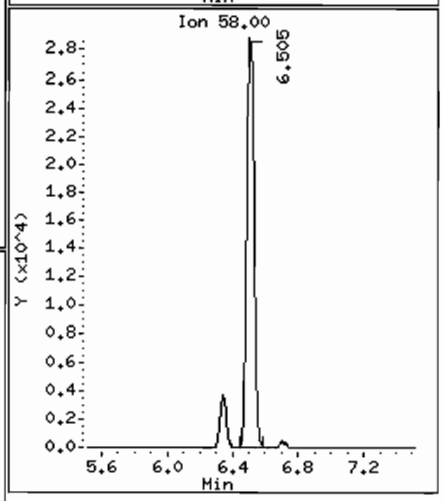
Column phase: RTX-624 Column diameter: 0.32

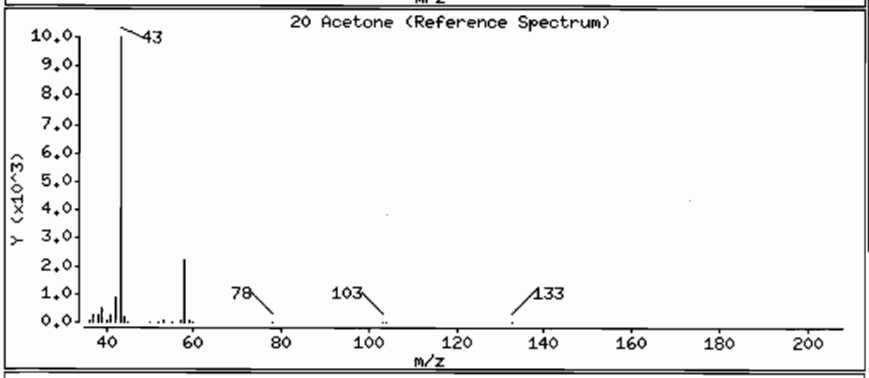
20 Acetone Concentration: 30 ppbv

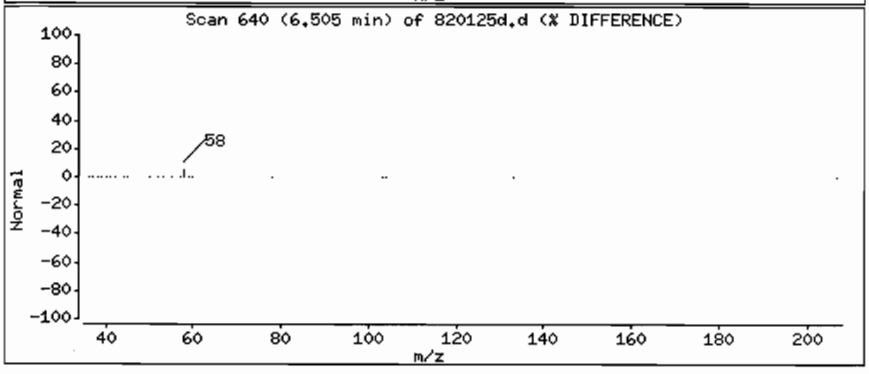












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

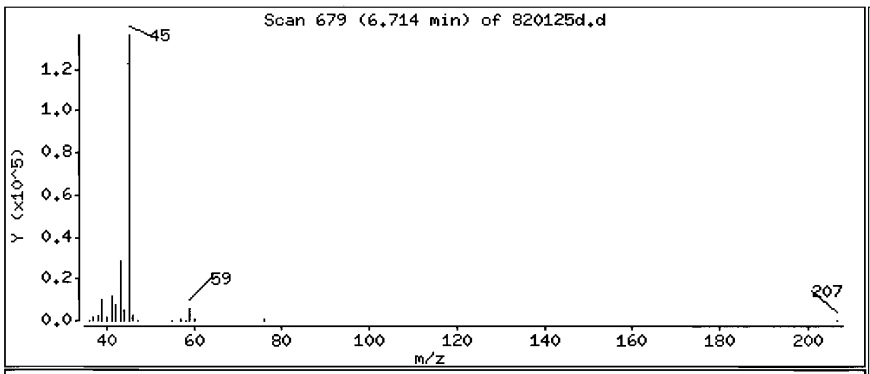
Client ID: CE-VAPOR-5 Instrument: F.i

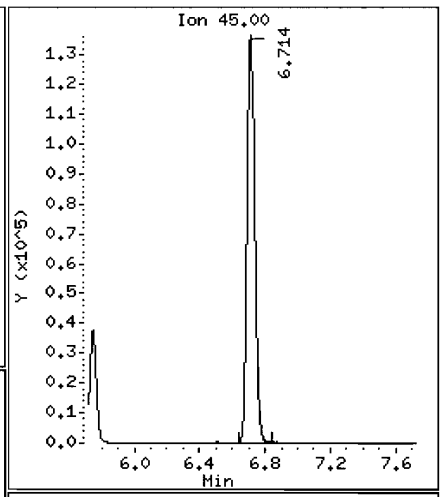
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

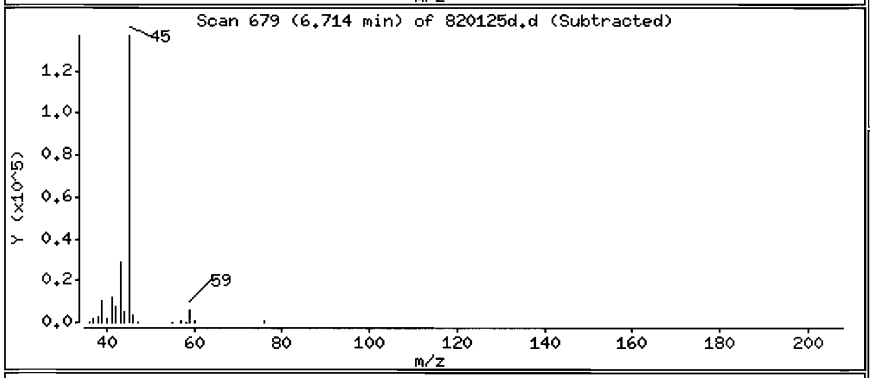
Purge Volume: 88.0 Operator: njr

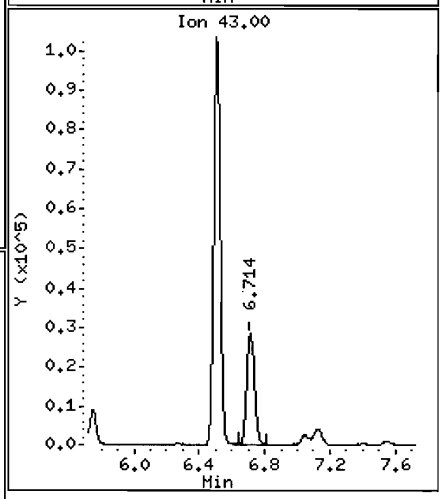
Column phase: RTX-624 Column diameter: 0.32

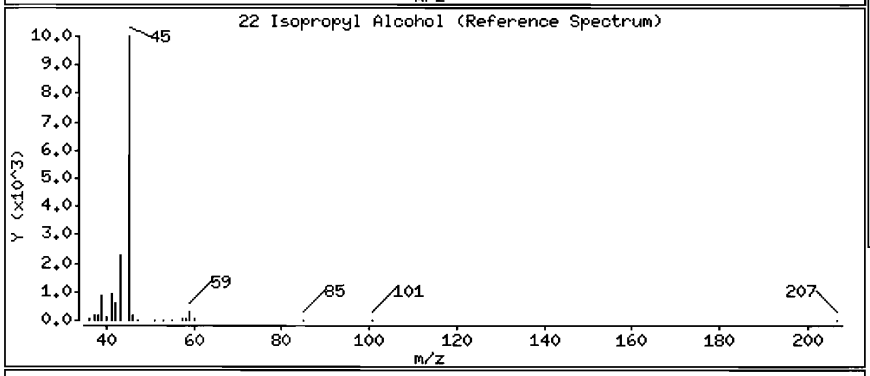
22 Isopropyl Alcohol Concentration: 62 ppbv

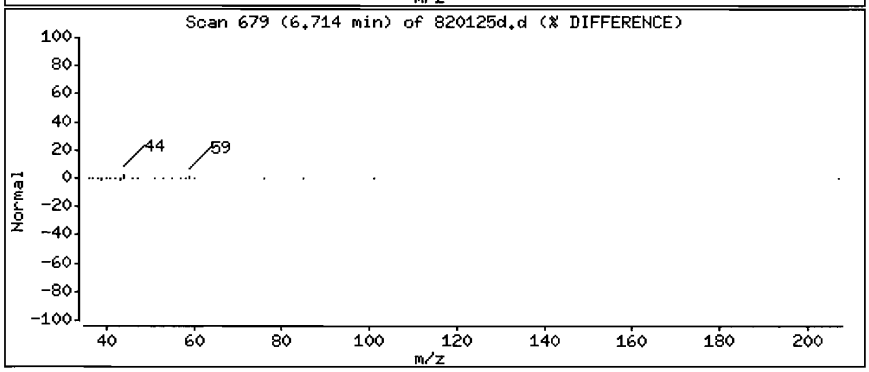












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

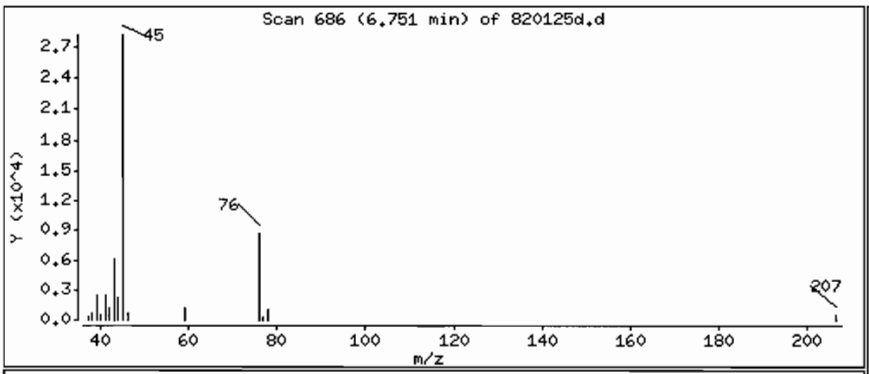
Client ID: CE-VAPOR-5 Instrument: F.i

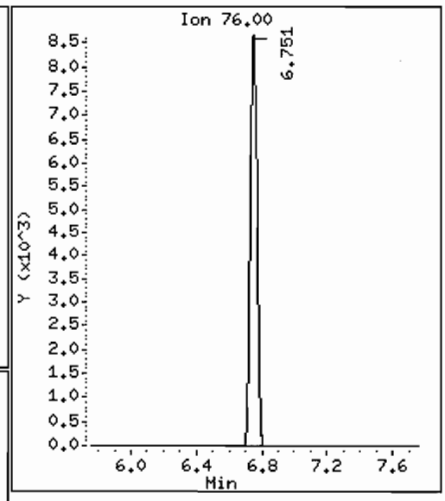
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

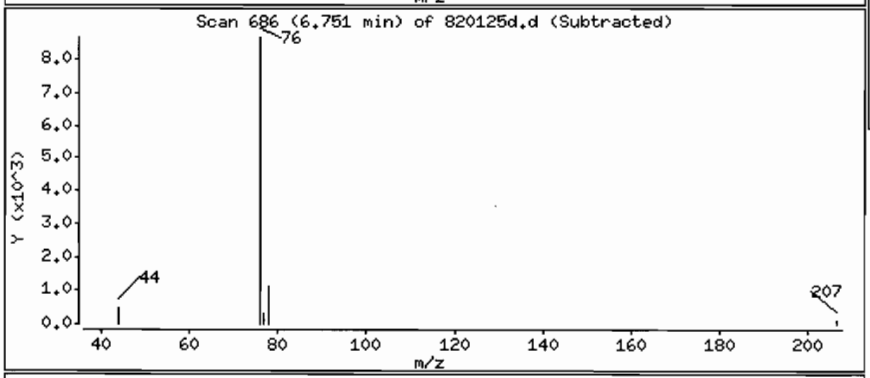
Purge Volume: 88.0 Operator: njr

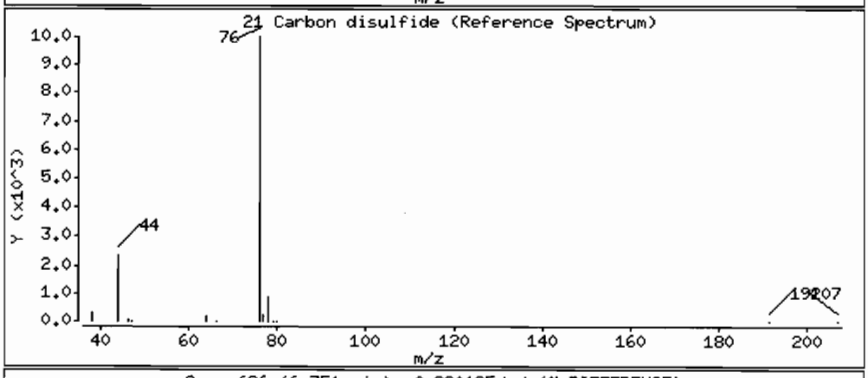
Column phase: RTX-624 Column diameter: 0.32

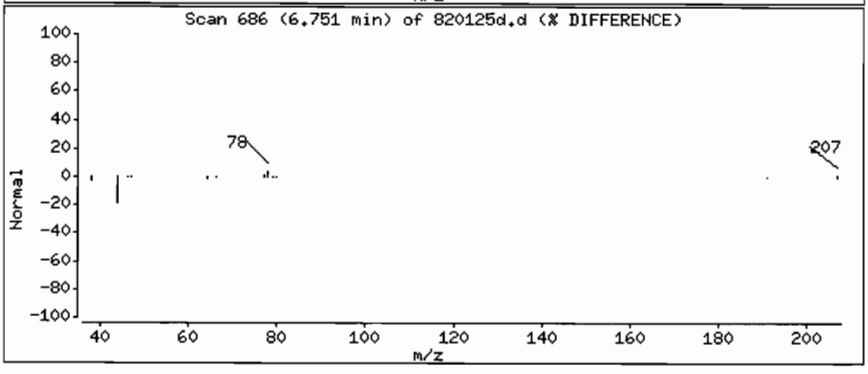
21 Carbon disulfide Concentration: 1.2 ppbv











Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

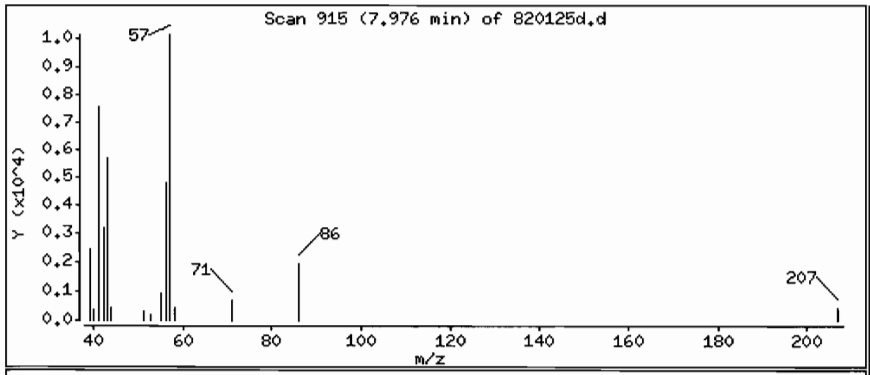
Client ID: CE-VAPOR-5 Instrument: F.i

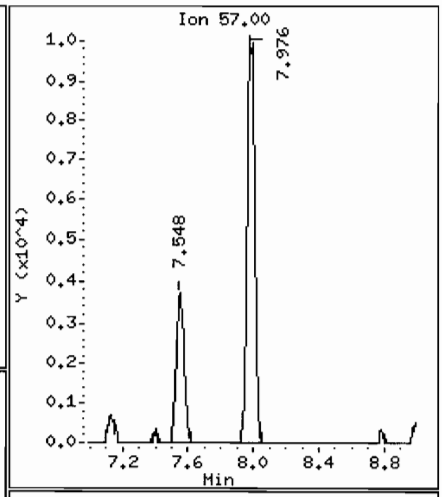
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

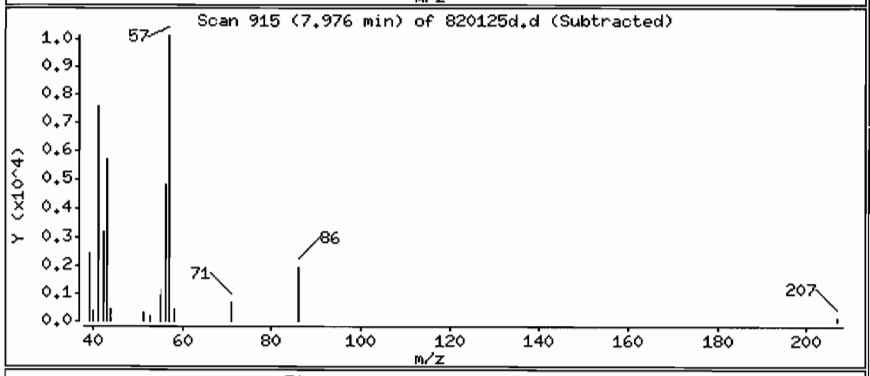
Purge Volume: 88.0 Operator: njr

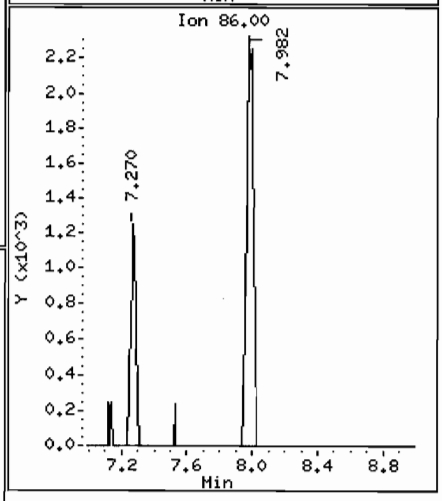
Column phase: RTX-624 Column diameter: 0.32

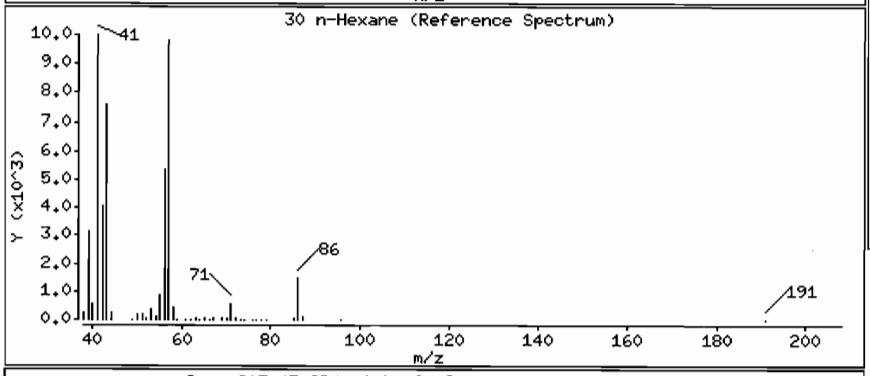
30 n-Hexane Concentration: 3.0 ppbv

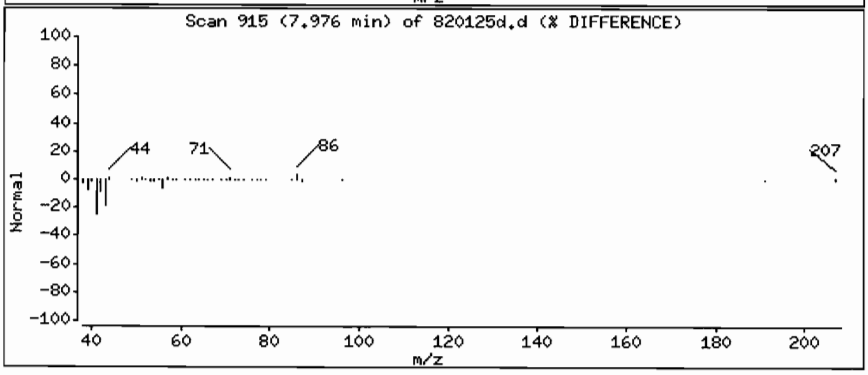












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

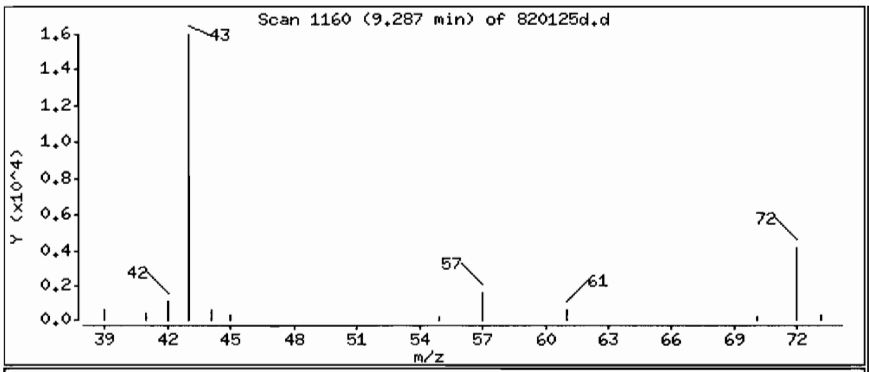
Client ID: CE-VAPOR-5 Instrument: F.i

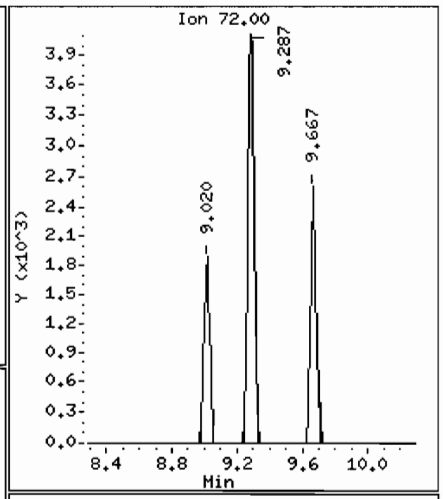
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

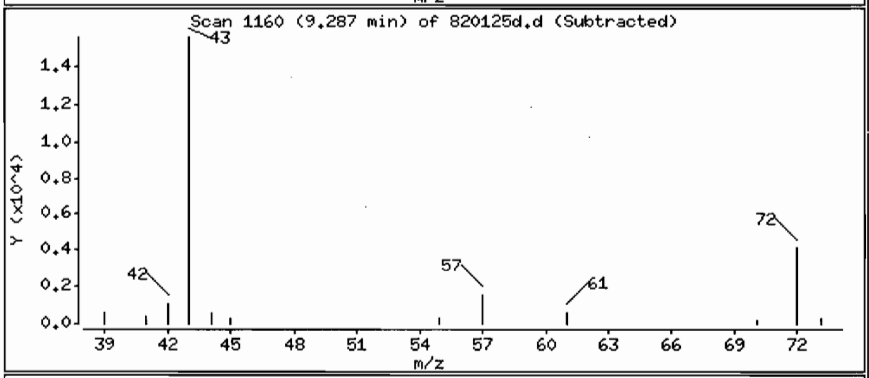
Purge Volume: 88.0 Operator: njr

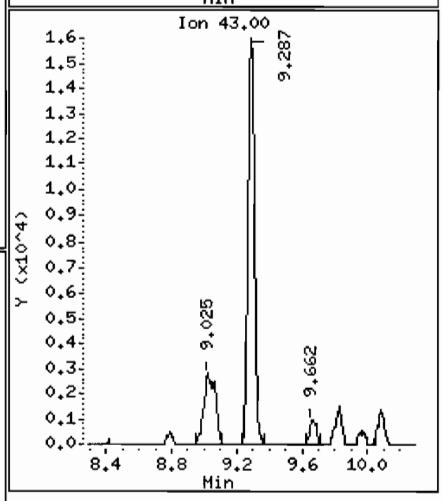
Column phase: RTX-624 Column diameter: 0.32

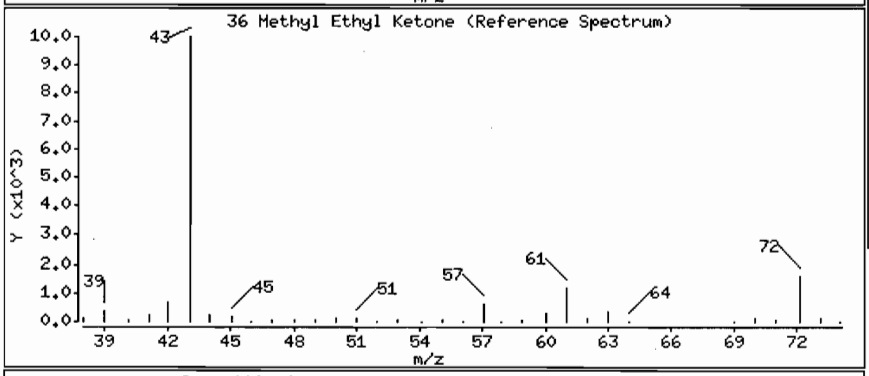
36 Methyl Ethyl Ketone Concentration: 2.9 ppbv

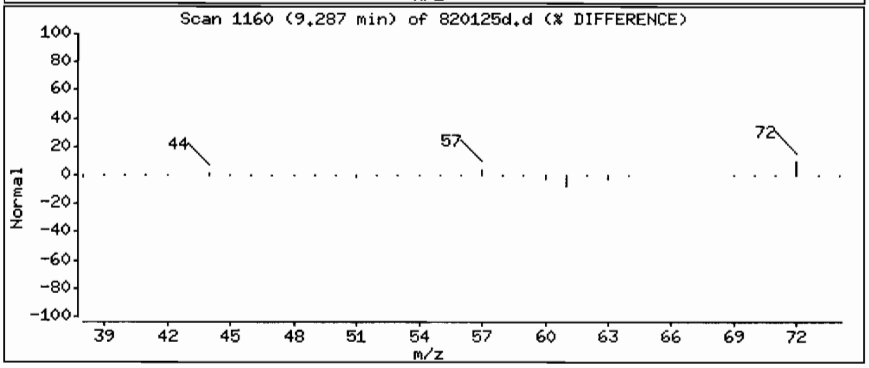












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

Purge Volume: 88.0

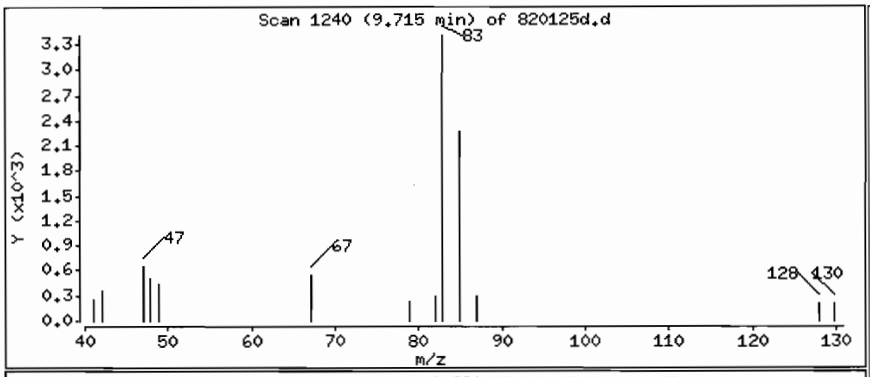
Operator: njr

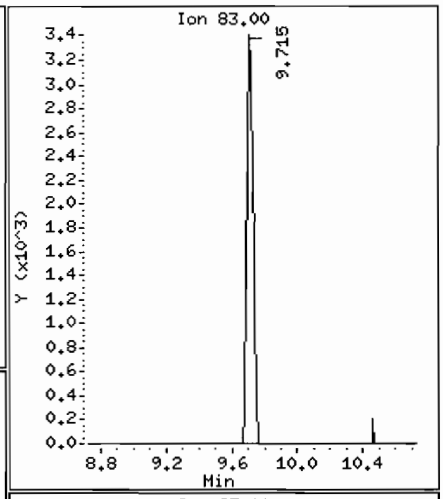
Column phase: RTX-624

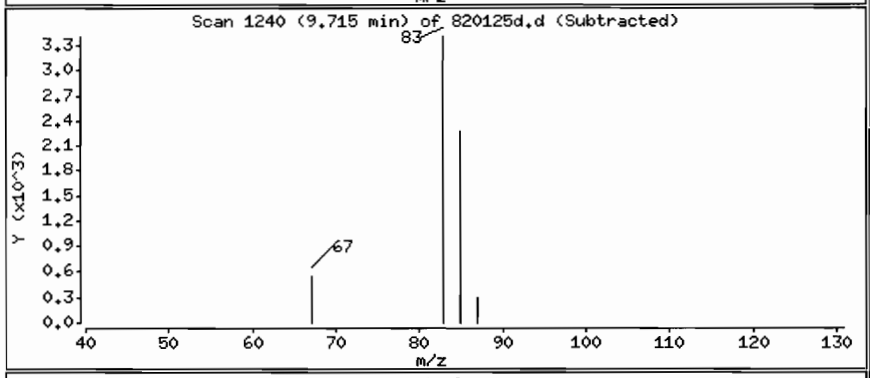
Column diameter: 0.32

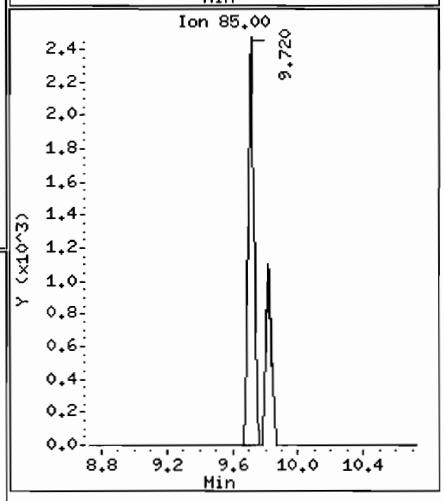
39 Chloroform

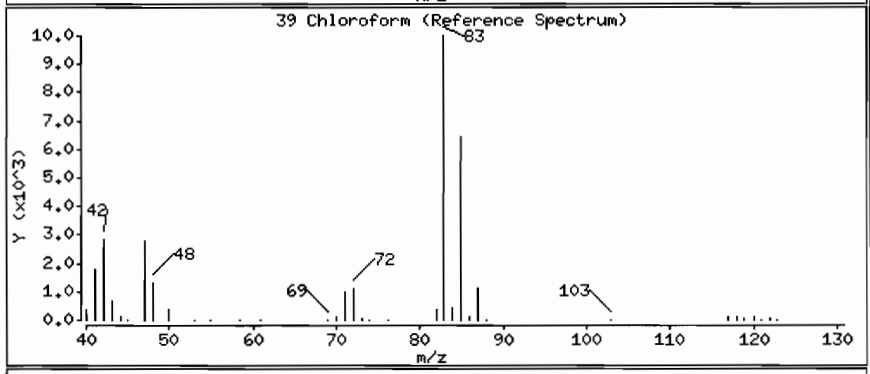
Concentration: 0.49 ppbv

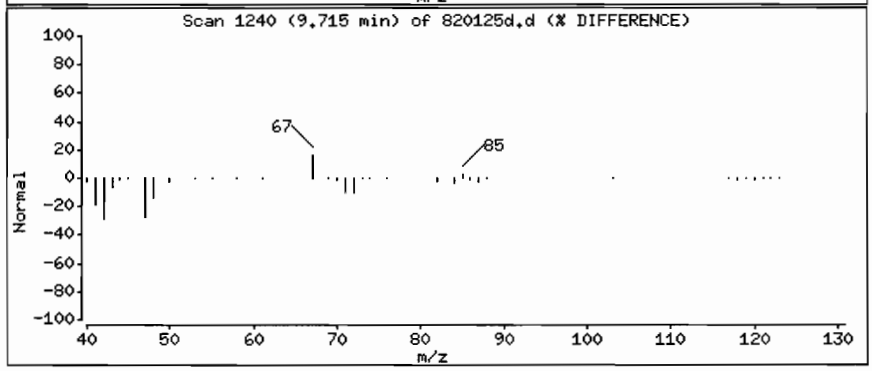












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

Purge Volume: 88.0

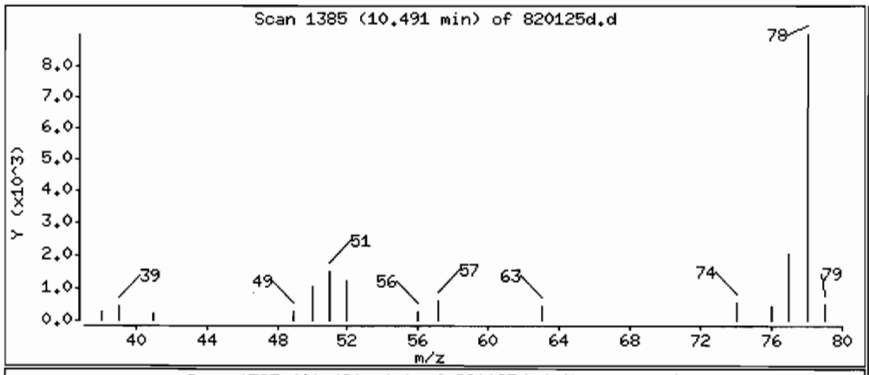
Operator: njr

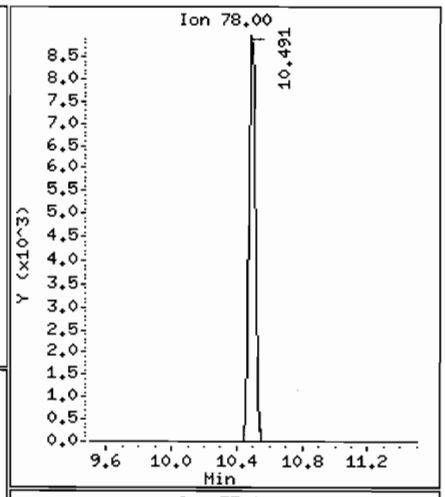
Column phase: RTX-624

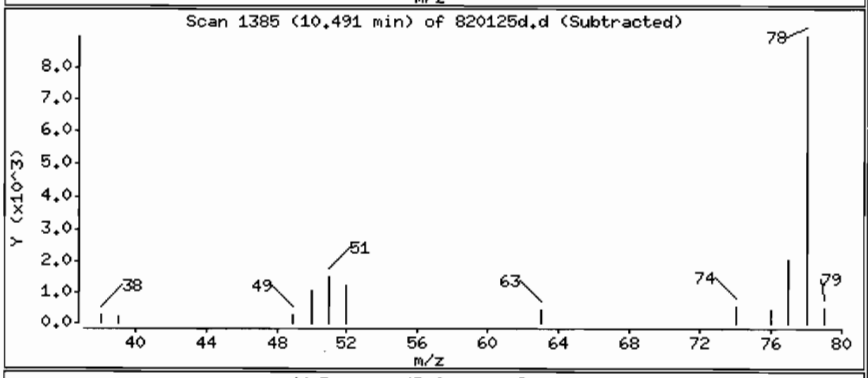
Column diameter: 0.32

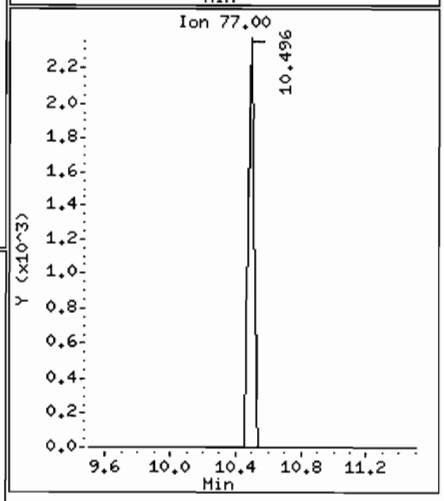
44 Benzene

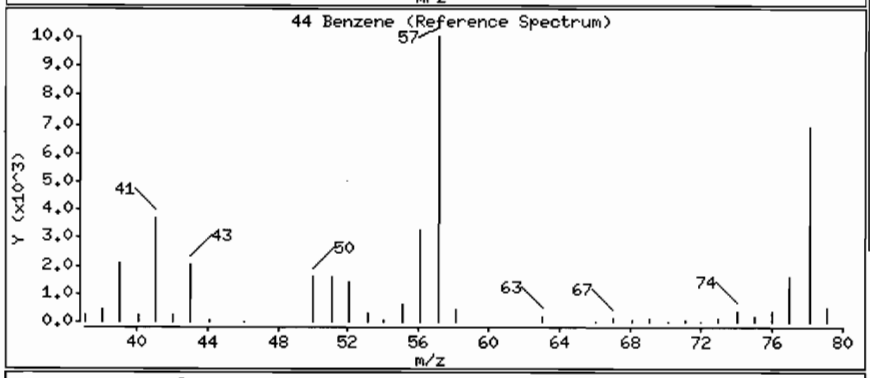
Concentration: 0.97 ppbv

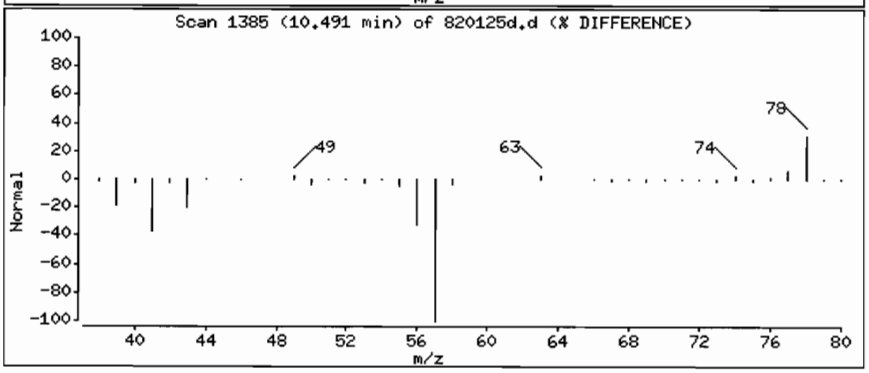












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Page 12

Date : 17-FEB-2010 08:23

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

Purge Volume: 88.0

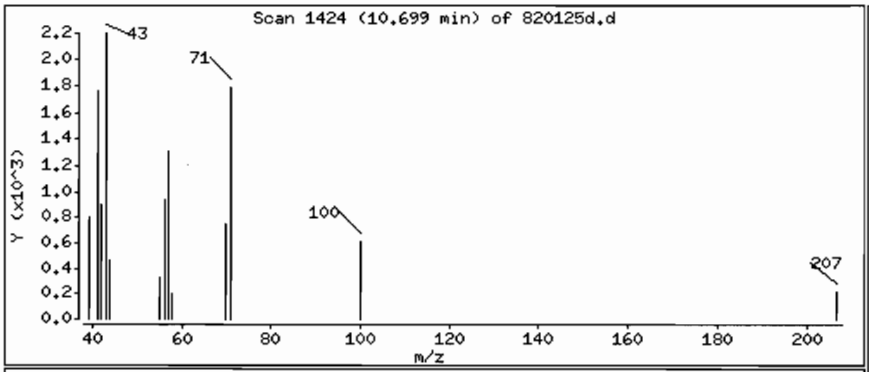
Operator: njr

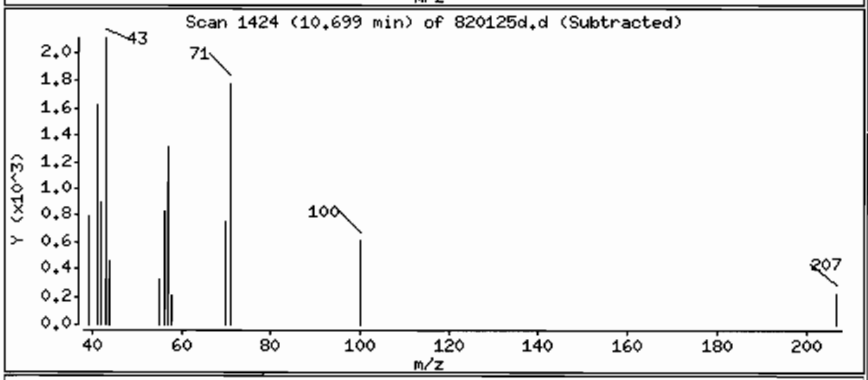
Column phase: RTX-624

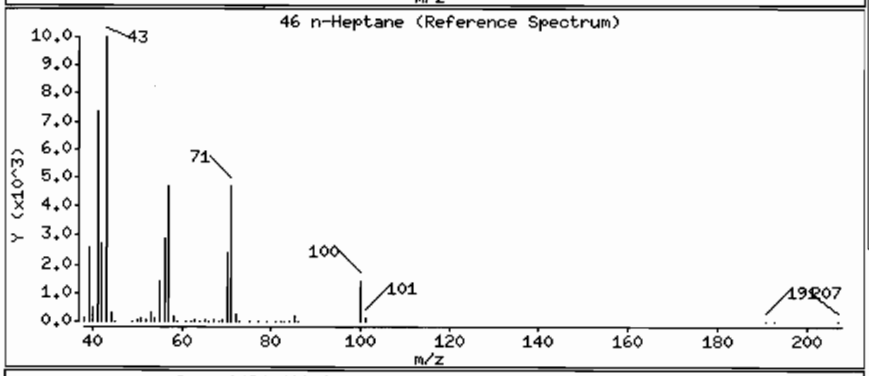
Column diameter: 0.32

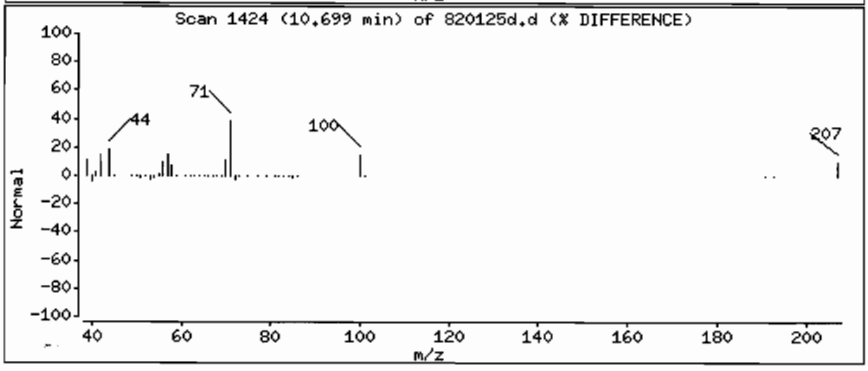
46 n-Heptane

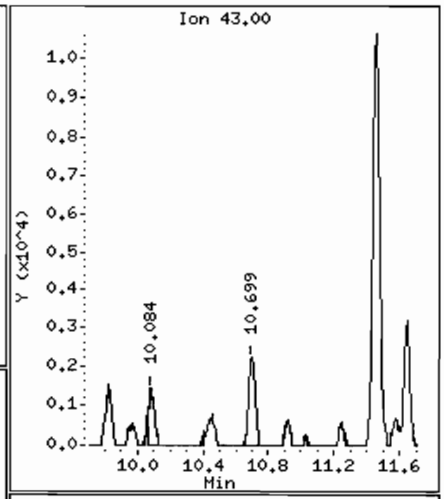
Concentration: 0.56 ppbv

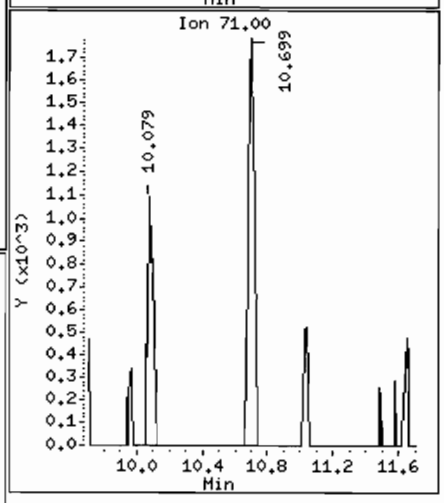












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

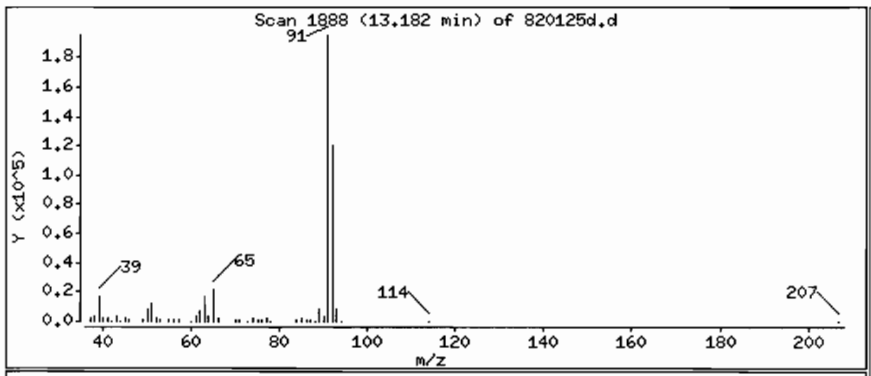
Client ID: CE-VAPOR-5 Instrument: F.i

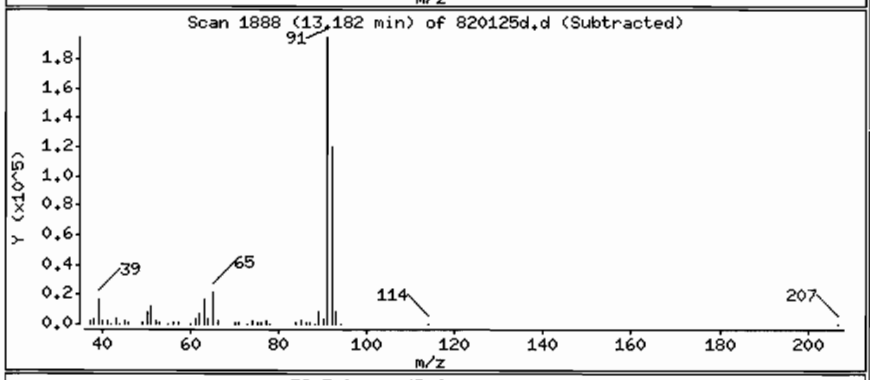
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

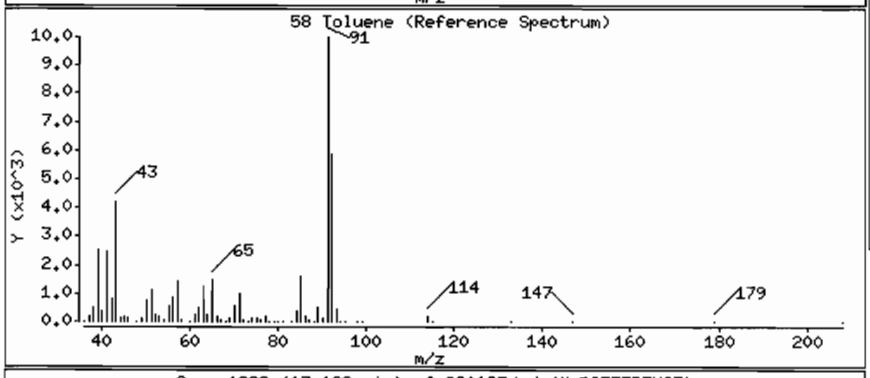
Purge Volume: 88.0 Operator: njr

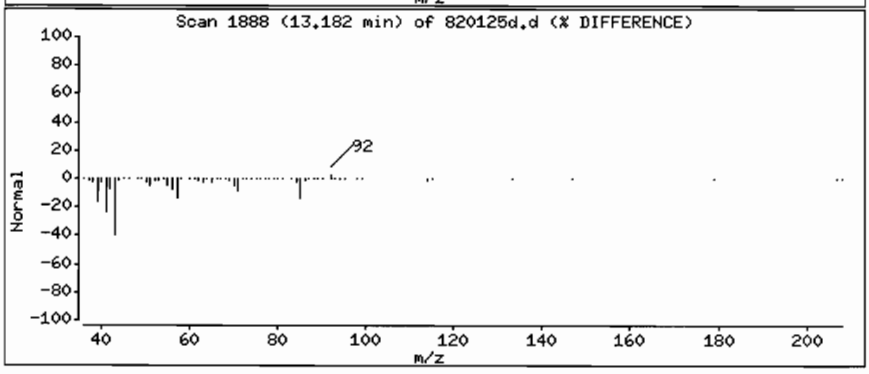
Column phase: RTX-624 Column diameter: 0.32

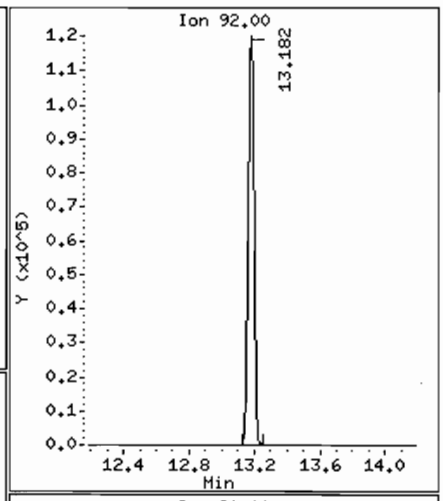
58 Toluene Concentration: 15 ppbv

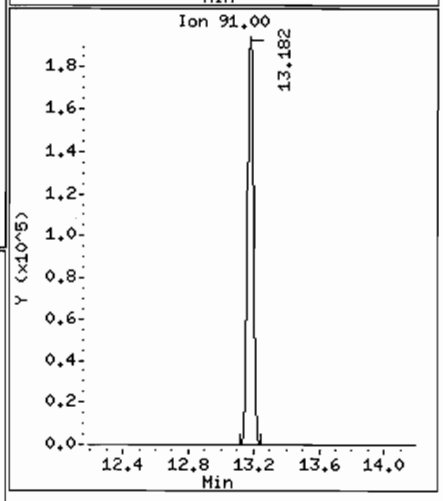












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

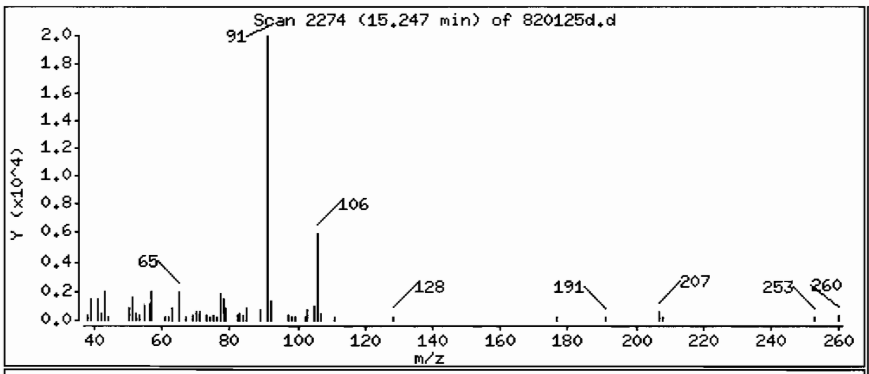
Client ID: CE-VAPOR-5 Instrument: F.i

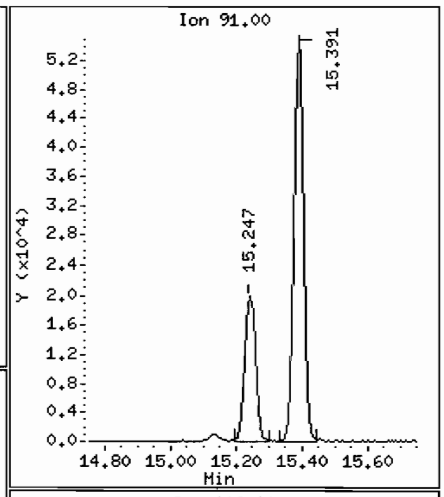
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

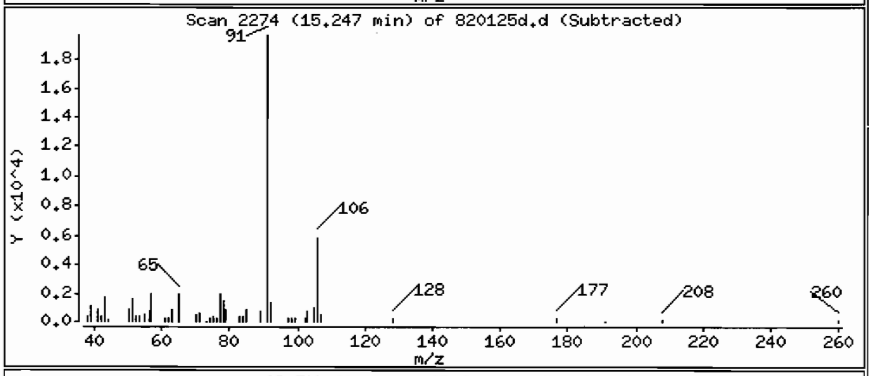
Purge Volume: 88.0 Operator: njr

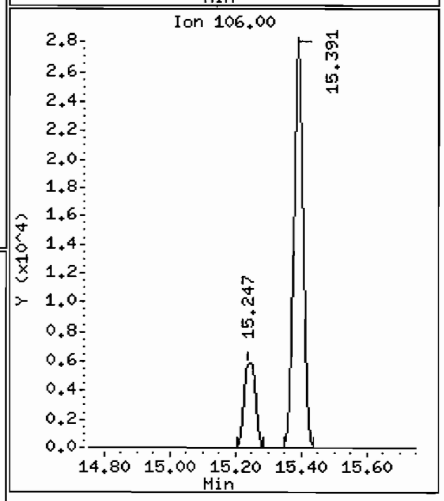
Column phase: RTX-624 Column diameter: 0.32

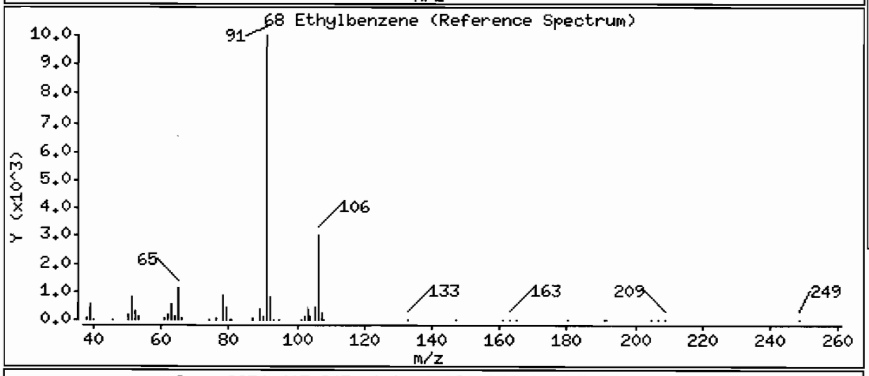
68 Ethylbenzene Concentration: 1.0 ppbv

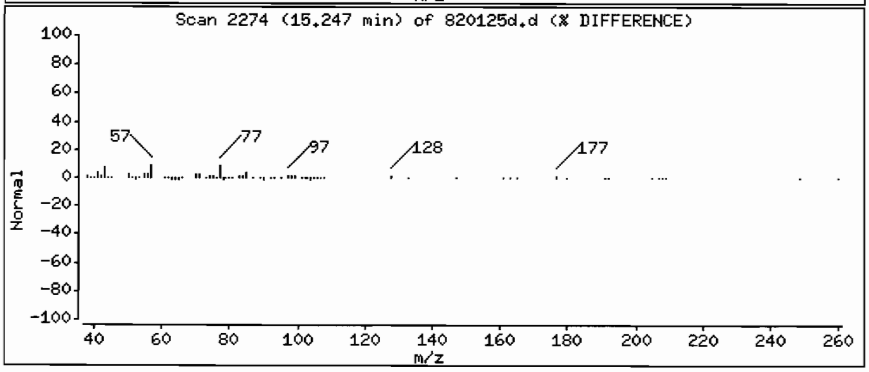












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

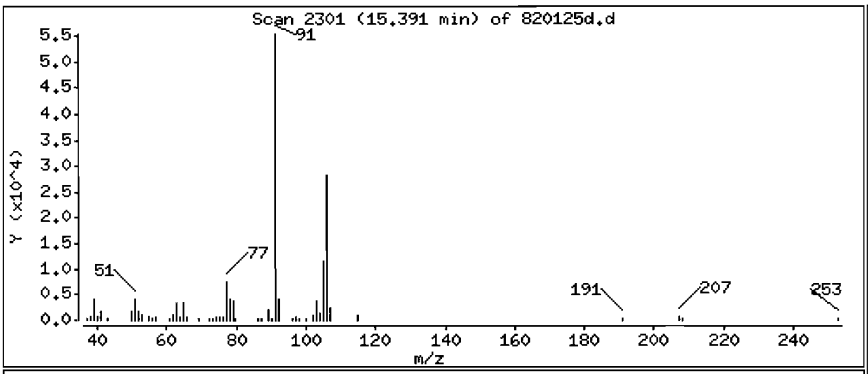
Client ID: CE-VAPOR-5 Instrument: F.i

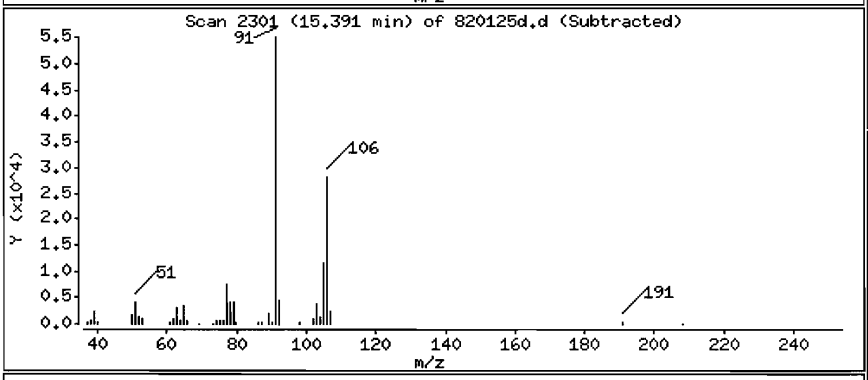
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

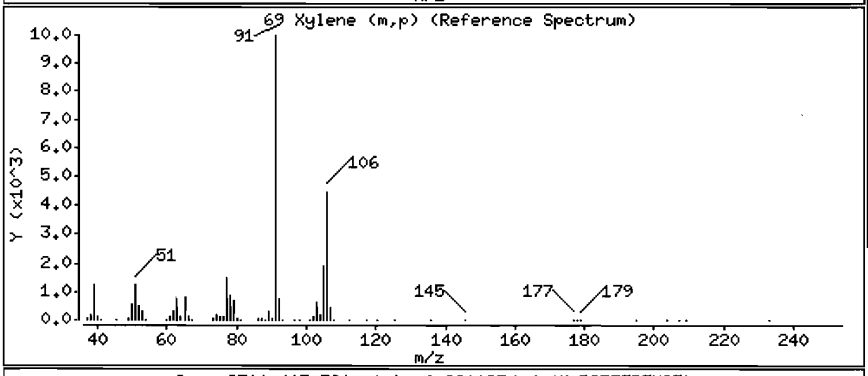
Purge Volume: 88.0 Operator: njr

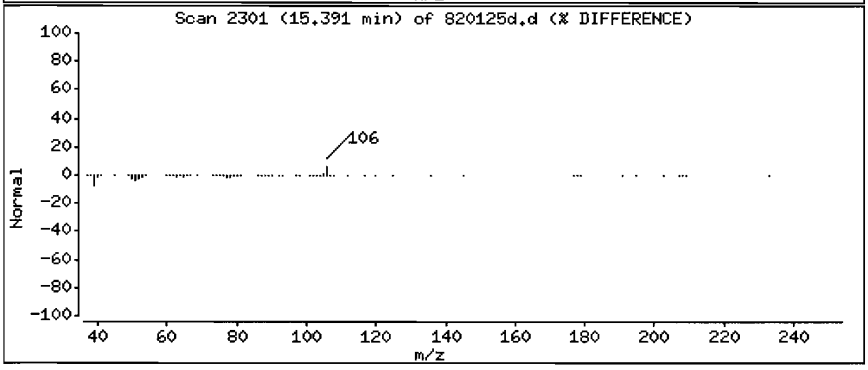
Column phase: RTX-624 Column diameter: 0.32

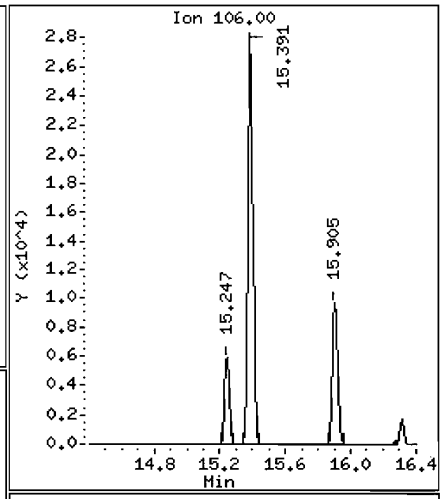
69 Xylene (m,p) Concentration: 3.4 ppbv

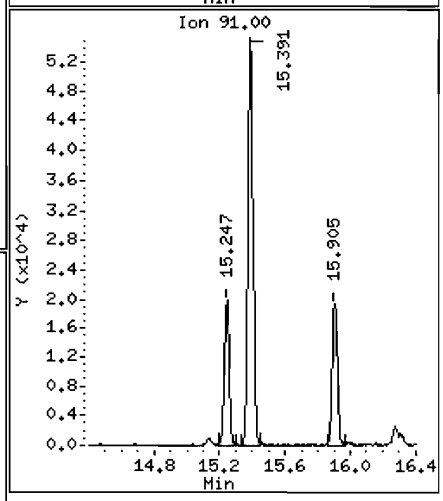












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

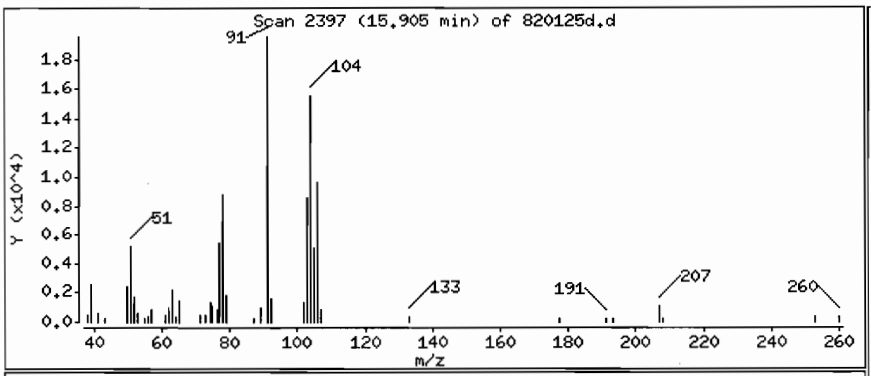
Client ID: CE-VAPOR-5 Instrument: F.i

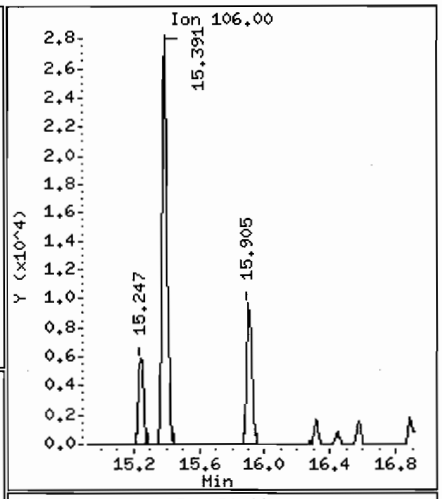
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

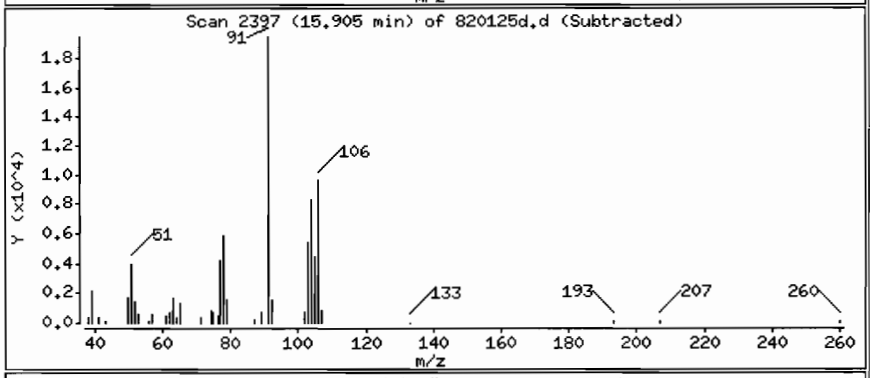
Purge Volume: 88.0 Operator: njr

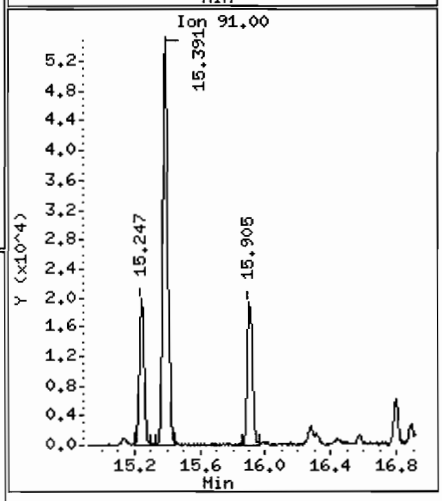
Column phase: RTX-624 Column diameter: 0.32

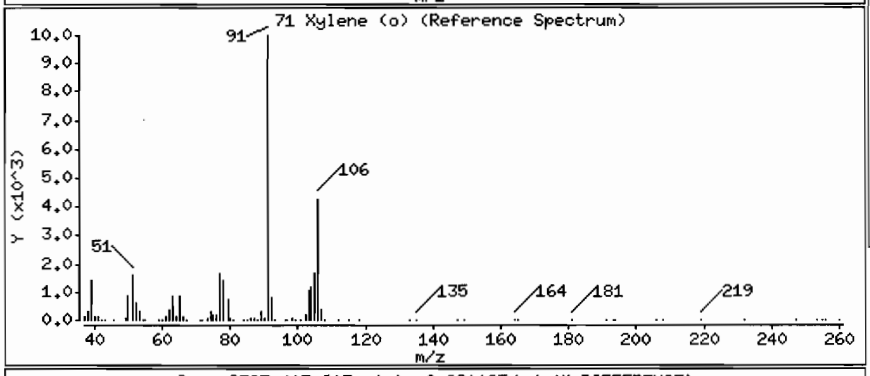
71 Xylene (o) Concentration: 1.2 ppbv

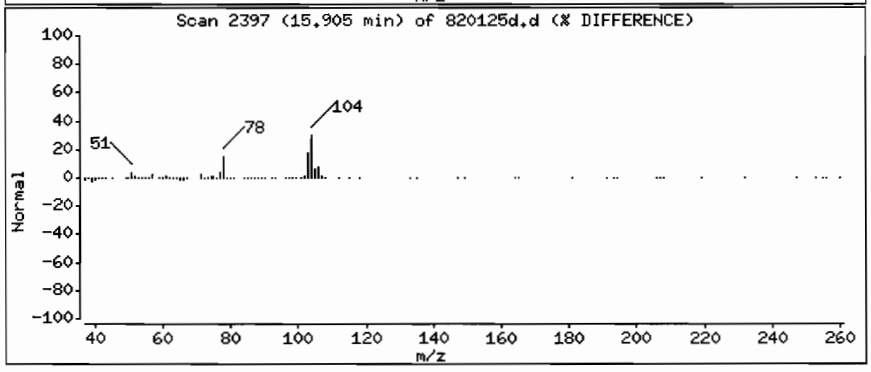












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

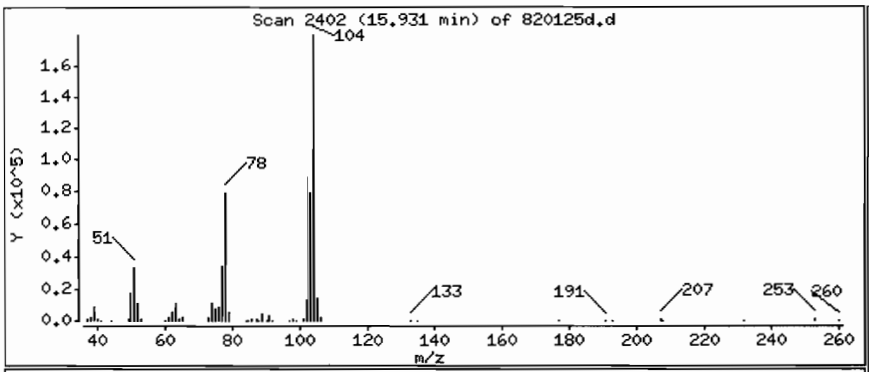
Client ID: CE-VAPOR-5 Instrument: F.i

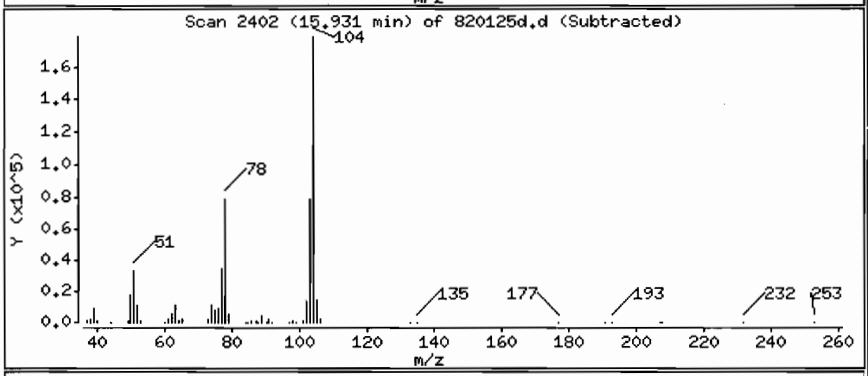
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

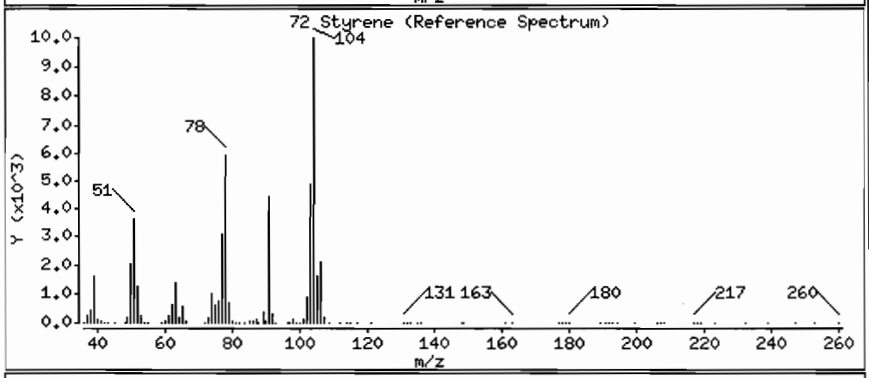
Purge Volume: 88.0 Operator: njr

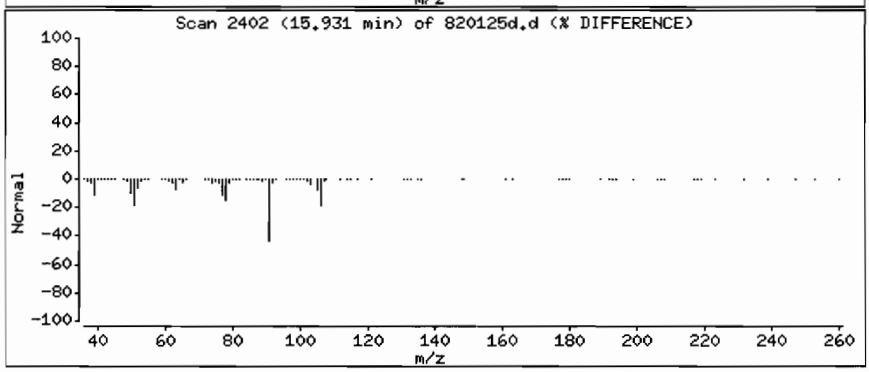
Column phase: RTX-624 Column diameter: 0.32

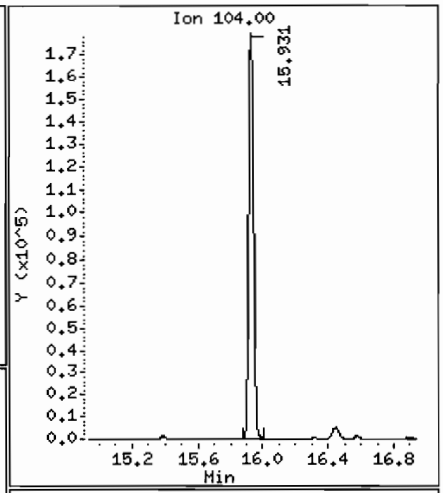
72 Styrene Concentration: 14 ppbv

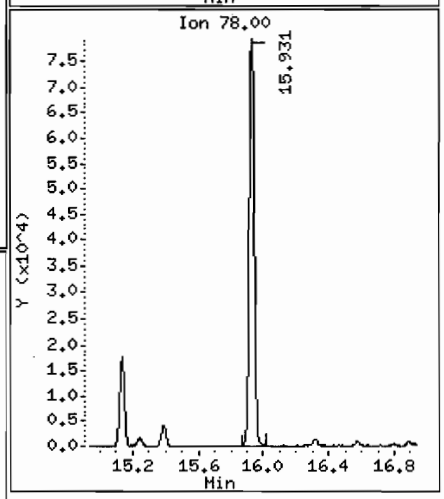












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

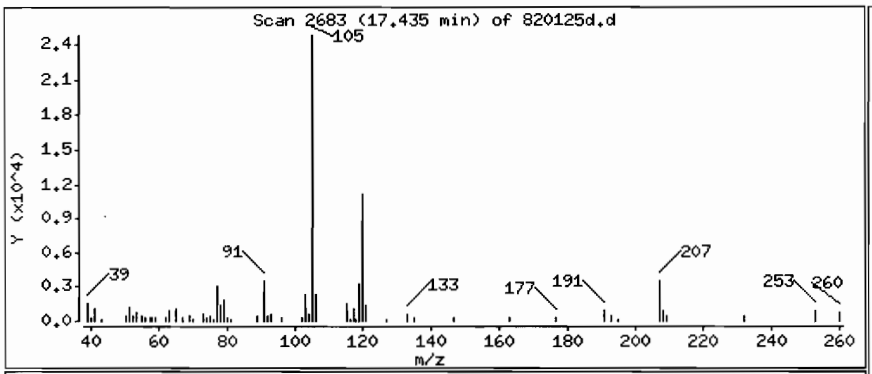
Client ID: CE-VAPOR-5 Instrument: F.i

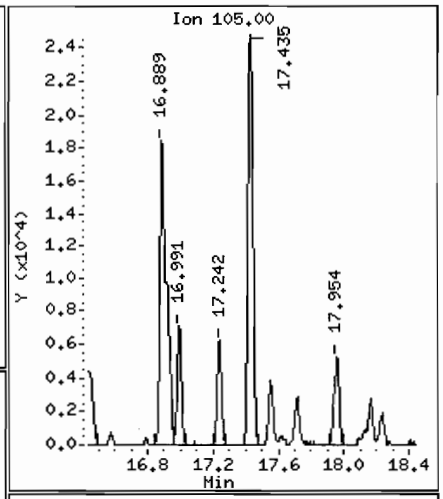
Sample Info: CE-VAPOR-5 :[ ]02/08/10 @1545(AIR)

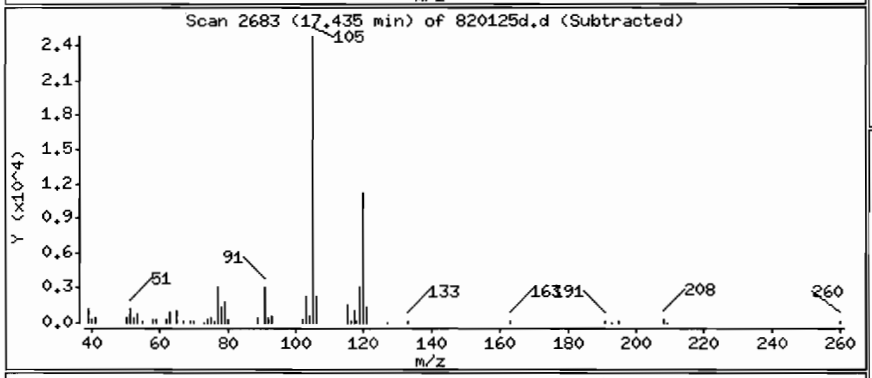
Purge Volume: 88.0 Operator: njr

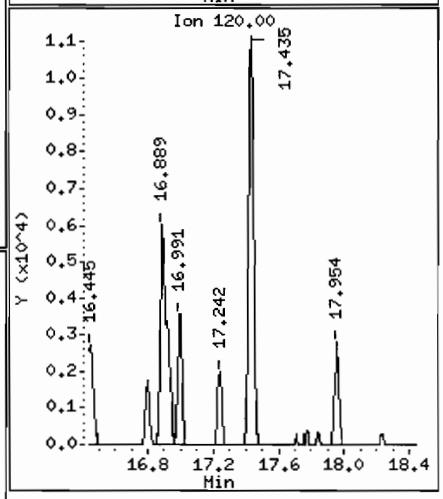
Column phase: RTX-624 Column diameter: 0.32

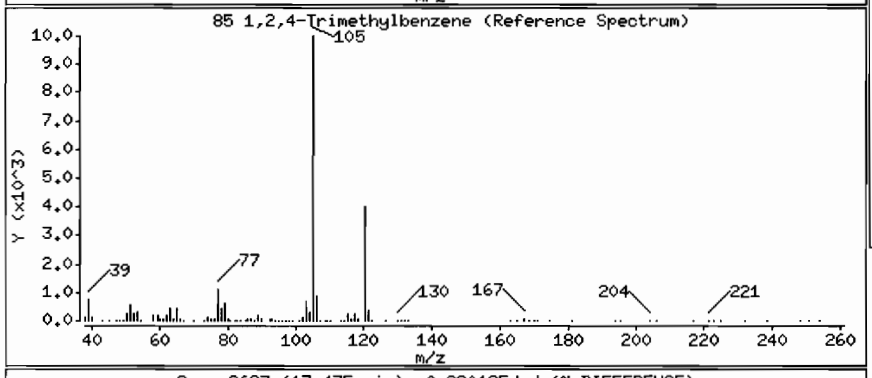
85 1,2,4-Trimethylbenzene Concentration: 1.1 ppbv

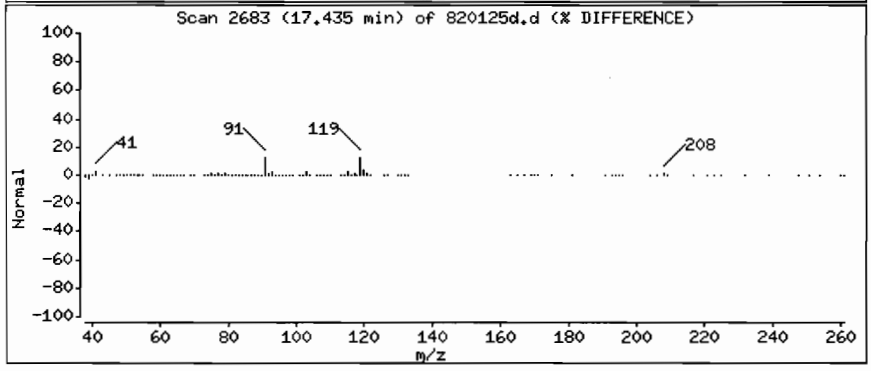












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820125d.d

Date : 17-FEB-2010 08:23

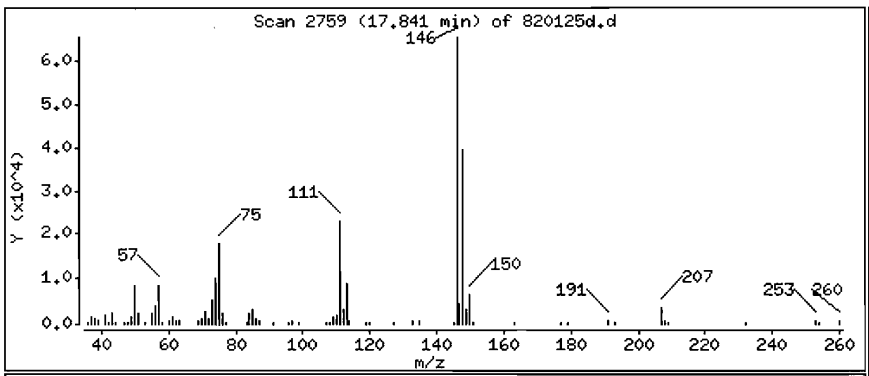
Client ID: CE-VAPOR-5 Instrument: F.i

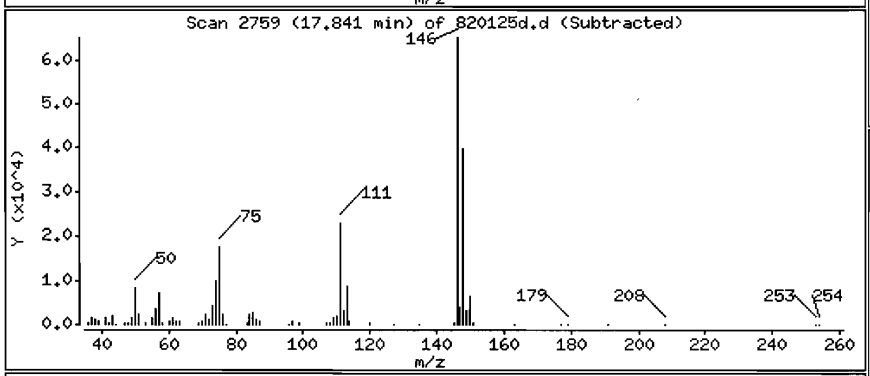
Sample Info: CE-VAPOR-5 :[J02/08/10 @1545(AIR)

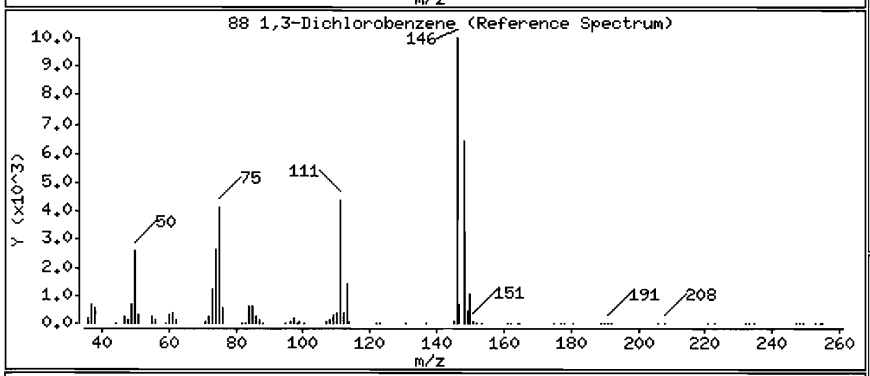
Purge Volume: 88.0 Operator: njr

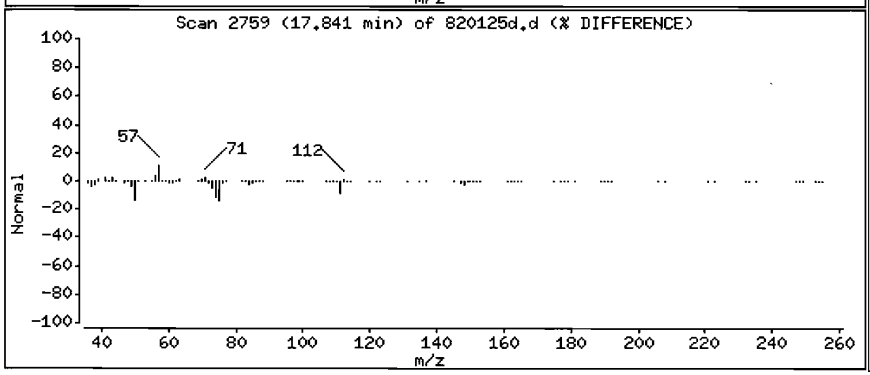
Column phase: RTX-624 Column diameter: 0.32

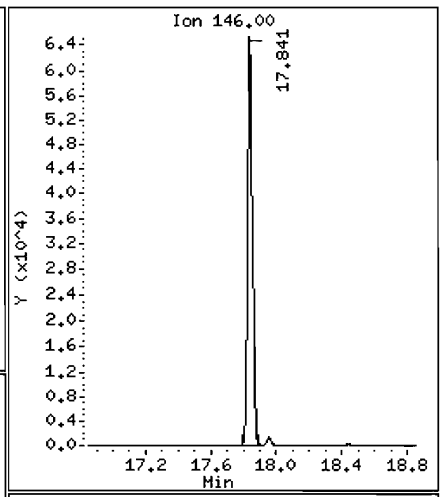
88 1,3-Dichlorobenzene Concentration: 3.7 ppbv

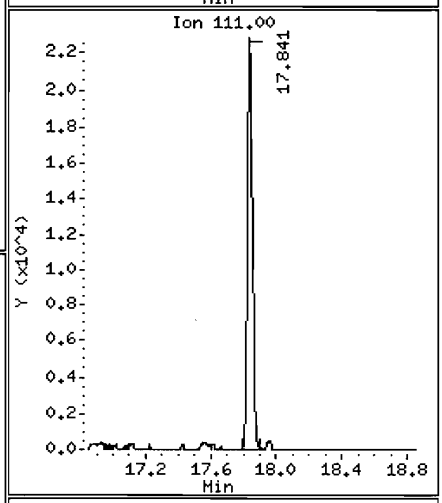


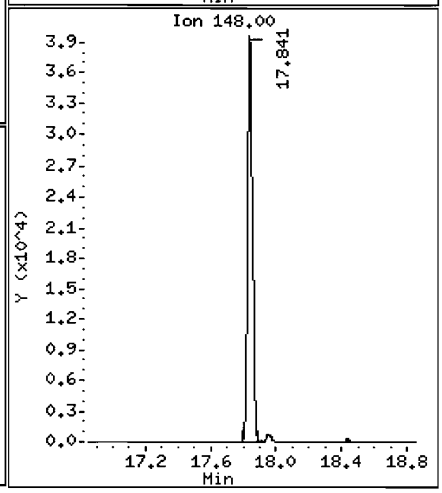












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820126

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820126

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.51	
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.54	
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.22	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	26	
67-63-0	Isopropyl Alcohol	9.6	
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	2.8	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.27	
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.23	
71-43-2	Benzene	0.43	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.35	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820126

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820126

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

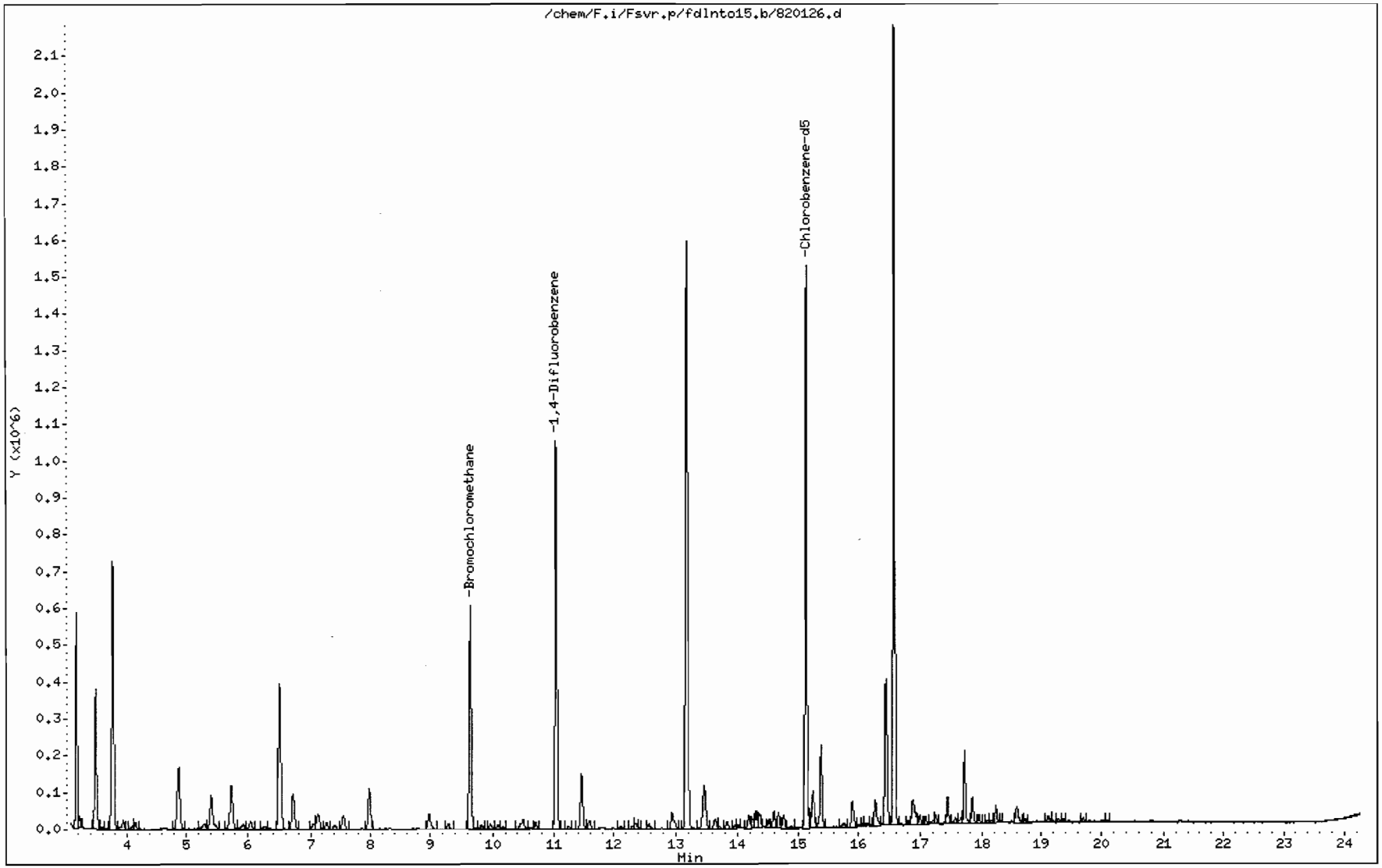
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	18	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.53	
1330-20-7	Xylene (m,p)	1.7	
95-47-6	Xylene (o)	0.45	
1330-20-7	Xylenes, Total	2.2	
100-42-5	Styrene	0.30	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.32	
541-73-1	1,3-Dichlorobenzene	0.34	
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d
Date : 17-FEB-2010 02:44
Client ID: CE-VAPOR-6
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820126.d
Lab Smp Id: 820126 Client Smp ID: CE-VAPOR-6
Inj Date : 17-FEB-2010 02:44
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)
Misc Info : 820126;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.226	3.231	(0.335)	32533	0.50971	0.51
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	3.590	3.595	(0.372)	6345	0.53671	0.54
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.291	5.291	(0.549)	16830	0.22051	0.22
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.500	6.516	(0.674)	708967	25.5385	26
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	186055	9.55668	9.6
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	7.982	7.993	(0.828)	81092	2.84728	2.8
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	245179	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	9.972	9.983	(0.904)	7347	0.26501	0.27(Q)
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.453	10.459	(0.948)	19378	0.23085	0.23
	44 Benzene	78	10.491	10.502	(0.951)	27664	0.43124	0.43
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.699	10.705	(0.970)	10154	0.34738	0.35
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1177476	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	950104	18.0586	18
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1143507	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	61563	0.52847	0.53
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	80206	1.68656	1.7
	71 Xylene (o)	106	15.905	15.915	(1.051)	20719	0.44663	0.45
M	70 Xylenes, Total	106				100925	2.17559	2.2
	72 Styrene	104	15.931	15.937	(1.053)	20333	0.29666	0.30
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.429	17.440	(1.152)	40326	0.32415	0.32
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	31299	0.33501	0.34
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

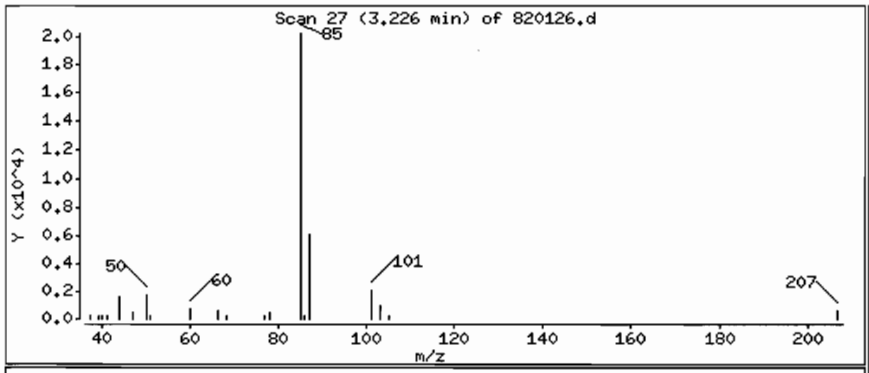
Client ID: CE-VAPOR-6 Instrument: F.i

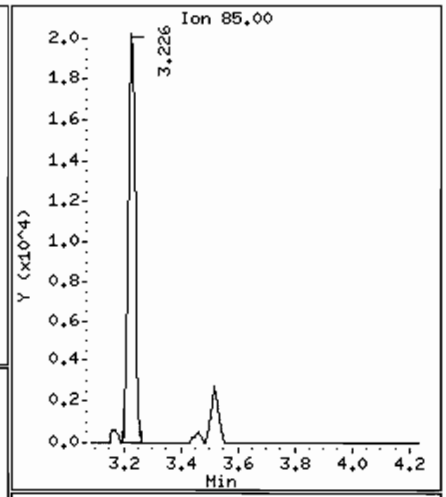
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

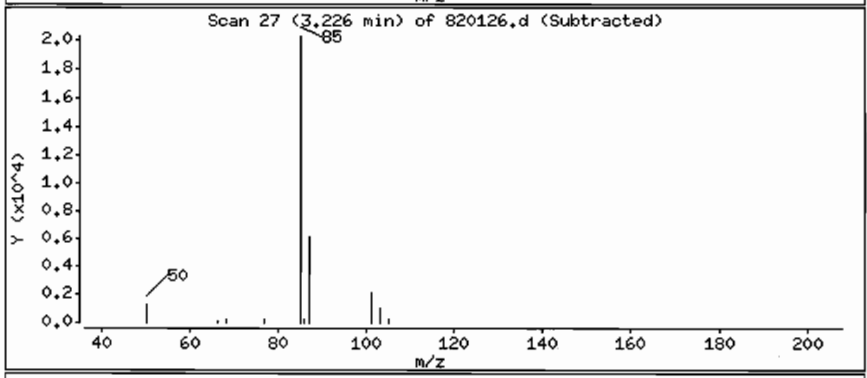
Purge Volume: 200.0 Operator: wrd

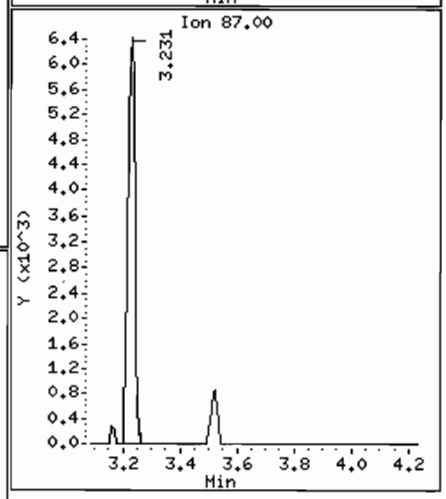
Column phase: RTX-624 Column diameter: 0.32

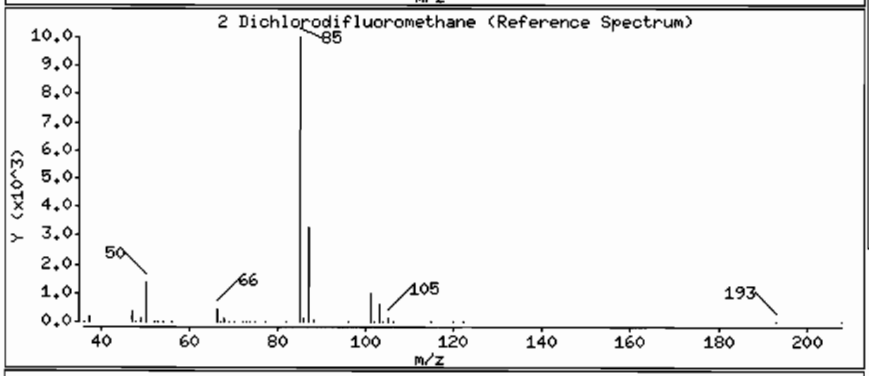
2 Dichlorodifluoromethane Concentration: 0.51 ppbv

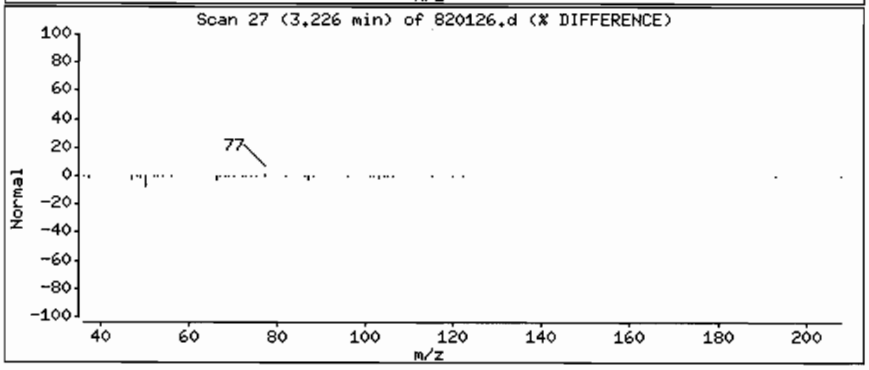












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

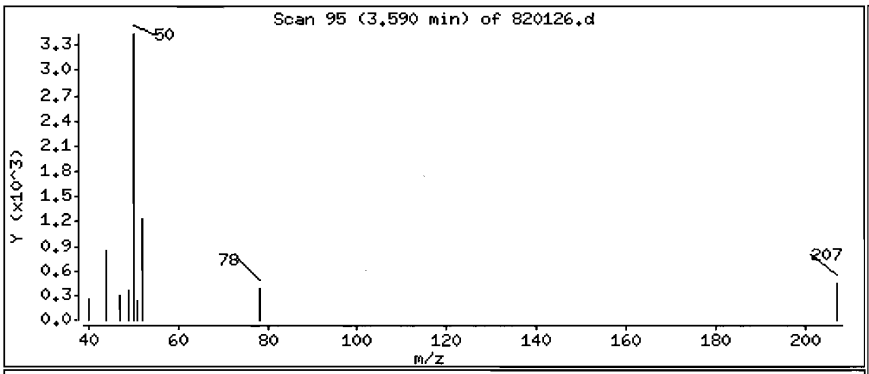
Client ID: CE-VAPOR-6 Instrument: F.i

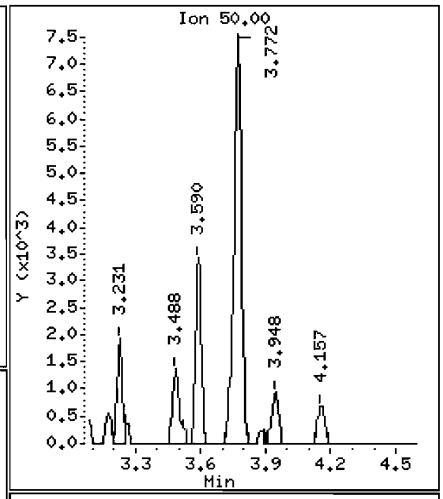
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

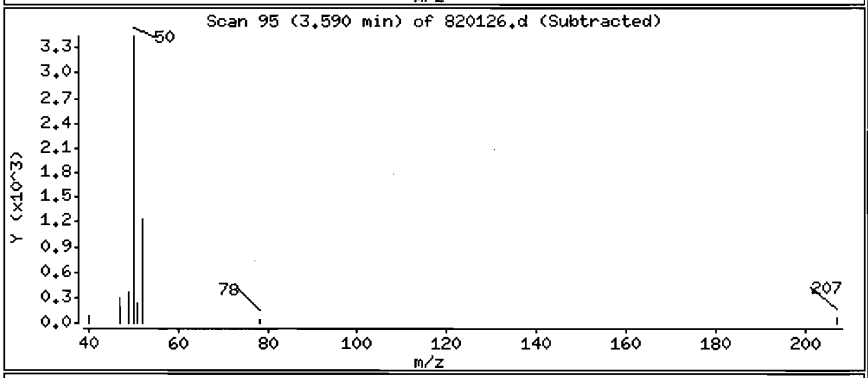
Purge Volume: 200.0 Operator: wrd

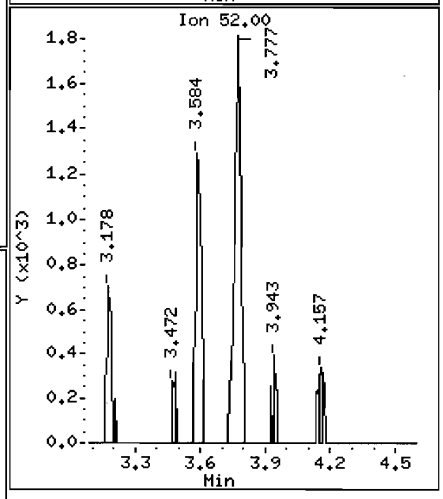
Column phase: RTX-624 Column diameter: 0.32

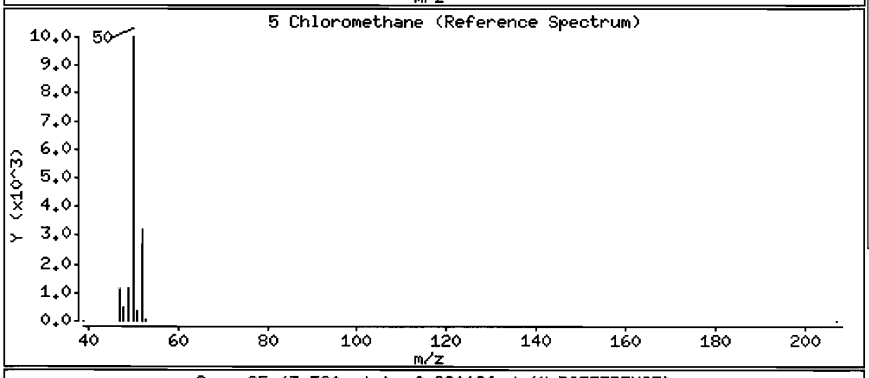
5 Chloromethane Concentration: 0.54 ppbv

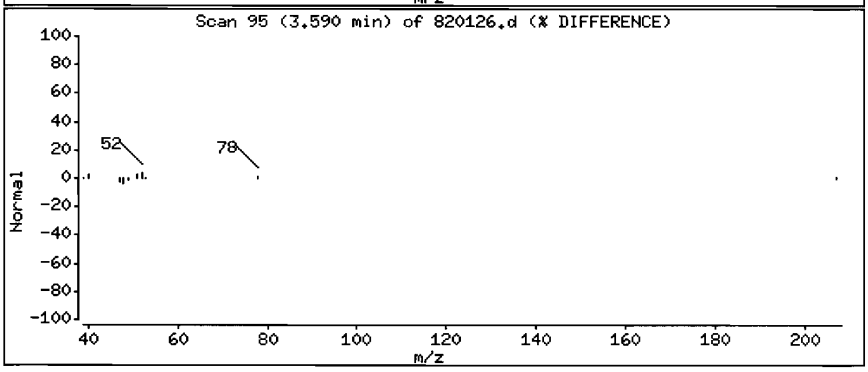












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

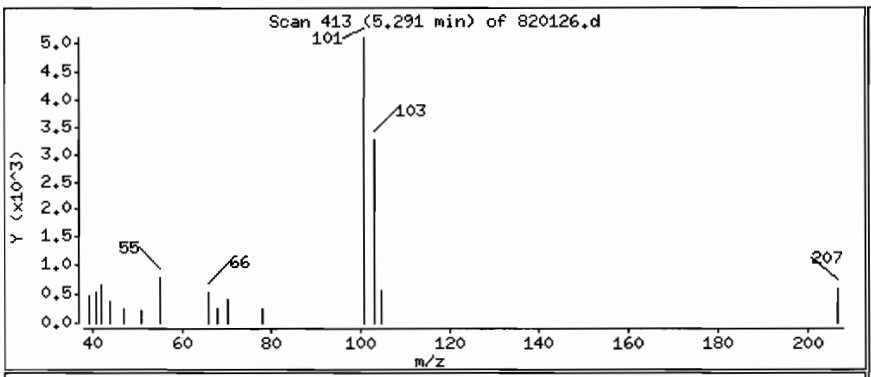
Client ID: CE-VAPOR-6 Instrument: F.i

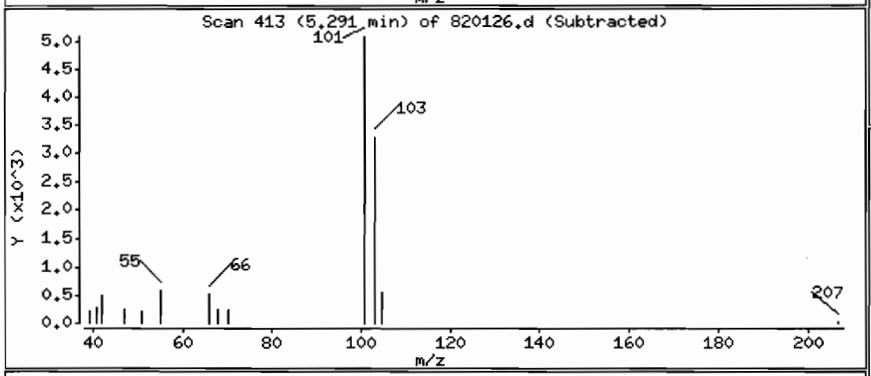
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

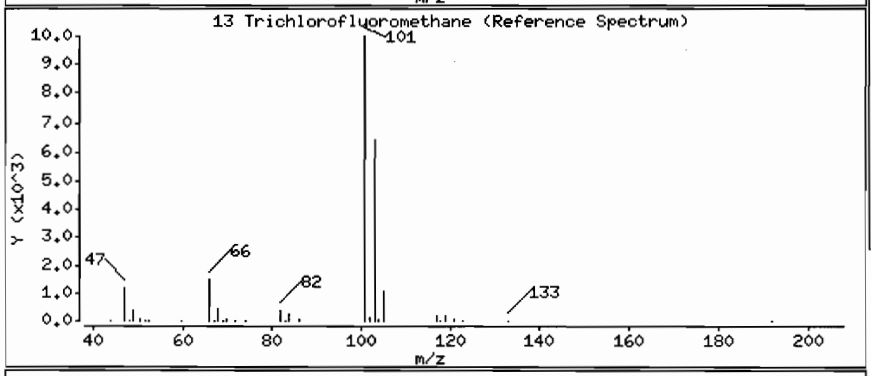
Purge Volume: 200.0 Operator: wrd

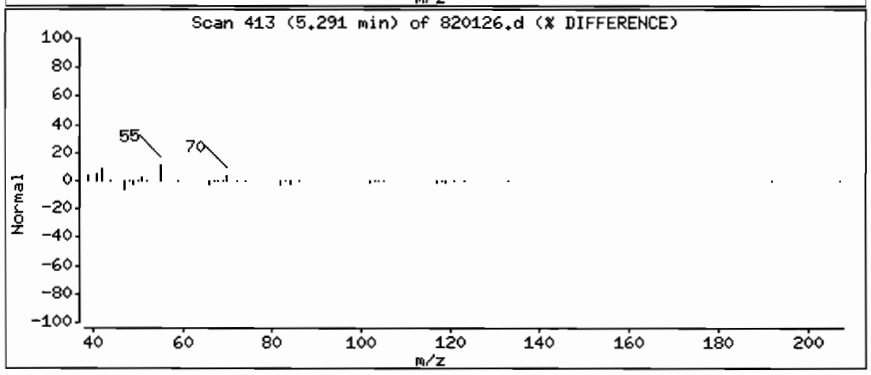
Column phase: RTX-624 Column diameter: 0.32

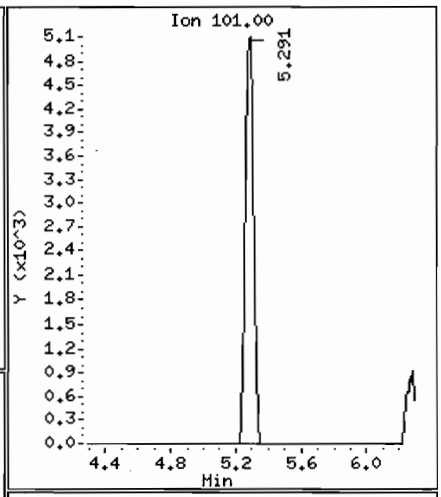
13 Trichlorofluoromethane Concentration: 0.22 ppbv

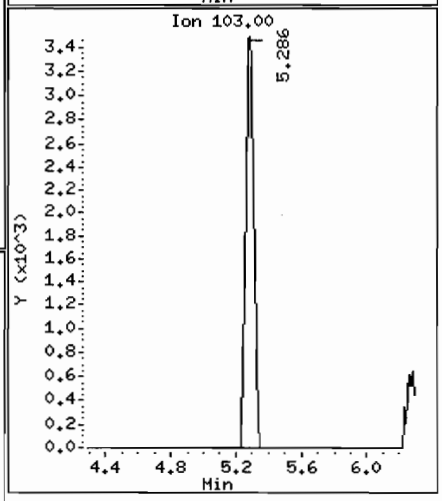












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

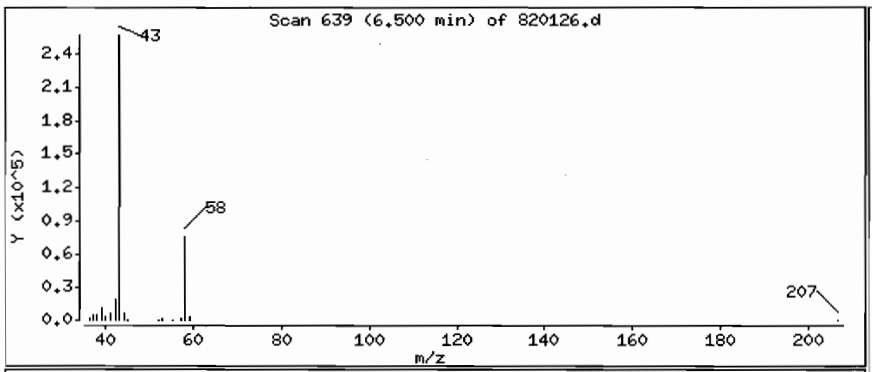
Client ID: CE-VAPOR-6 Instrument: F.i

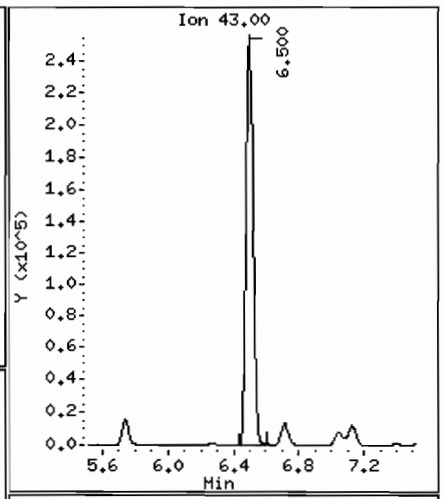
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

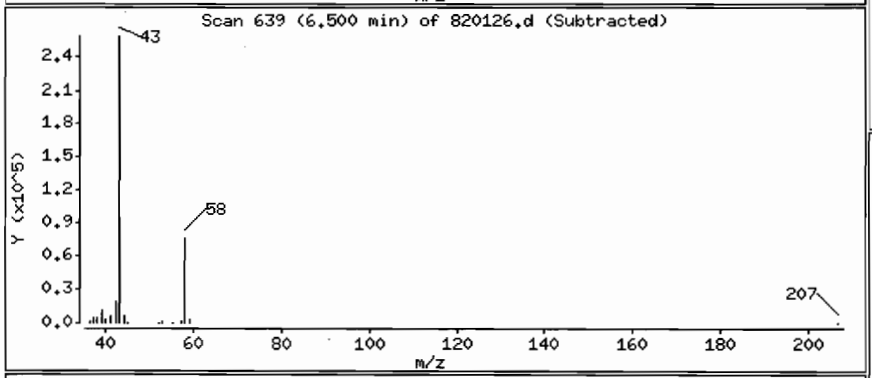
Purge Volume: 200.0 Operator: wrd

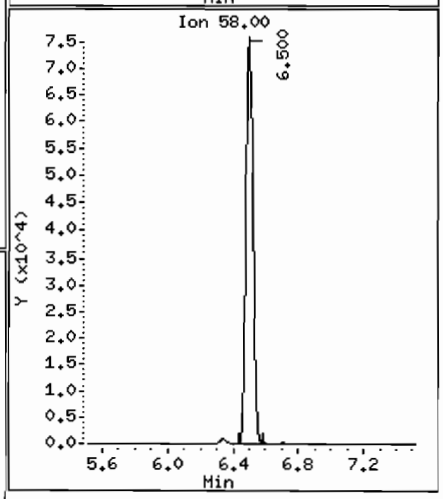
Column phase: RTX-624 Column diameter: 0.32

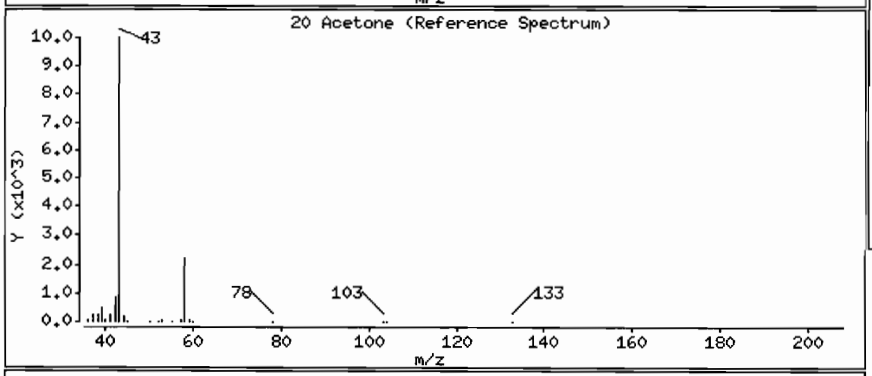
20 Acetone Concentration: 26 ppbv

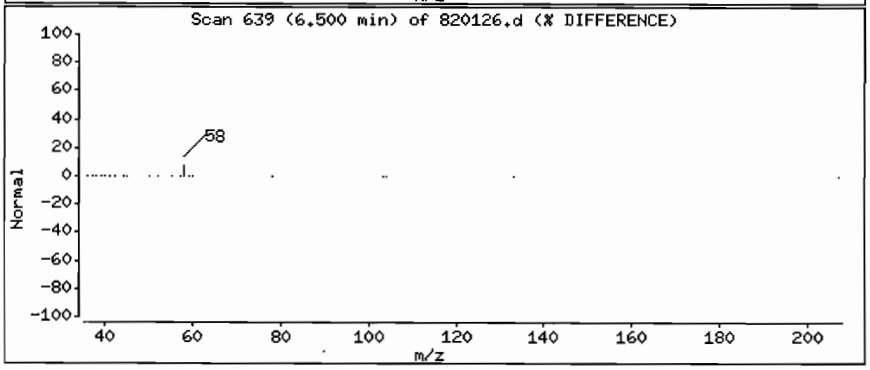












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

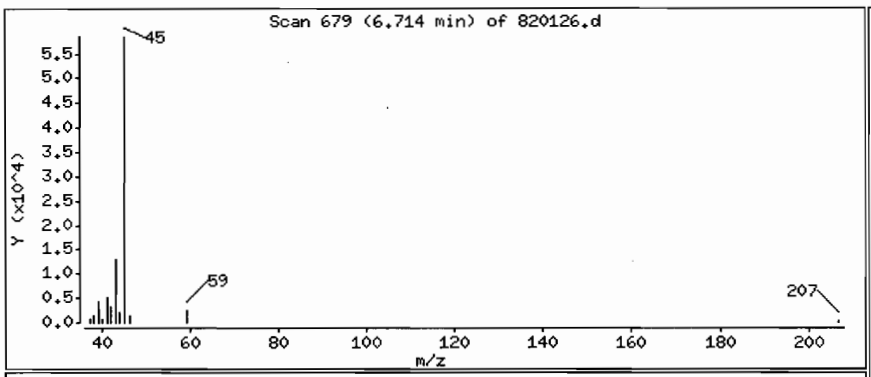
Client ID: CE-VAPOR-6 Instrument: F.i

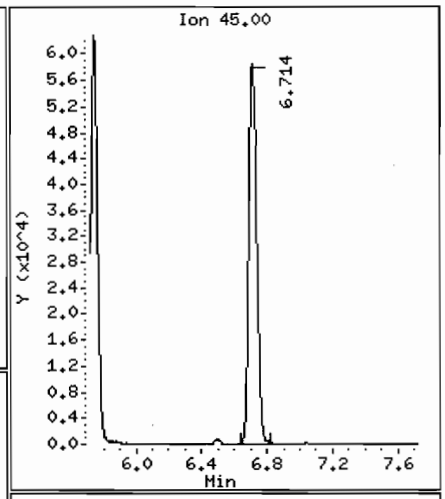
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

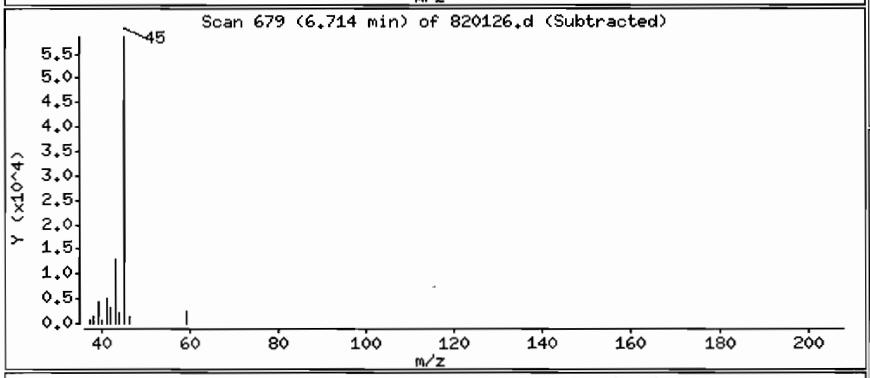
Purge Volume: 200.0 Operator: wrd

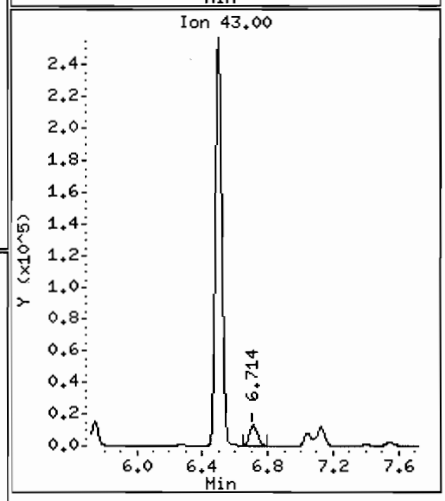
Column phase: RTX-624 Column diameter: 0.32

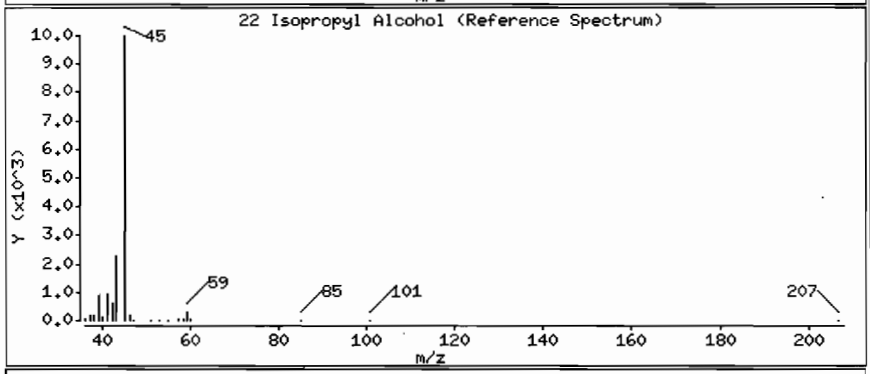
22 Isopropyl Alcohol Concentration: 9.6 ppbv

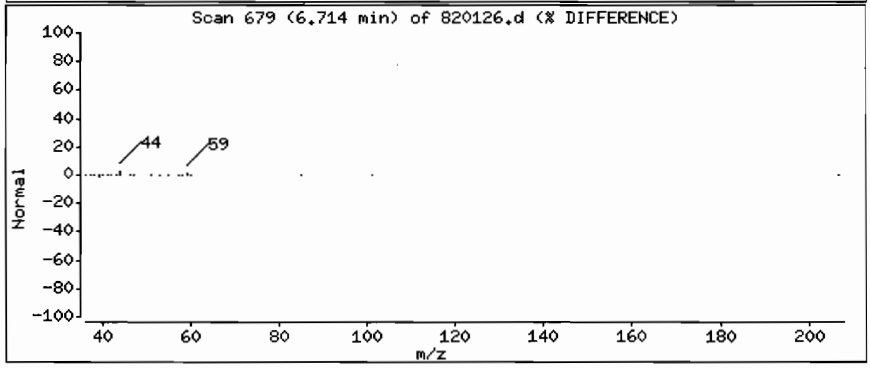












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

Client ID: CE-VAPOR-6

Instrument: F.i

Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

Purge Volume: 200.0

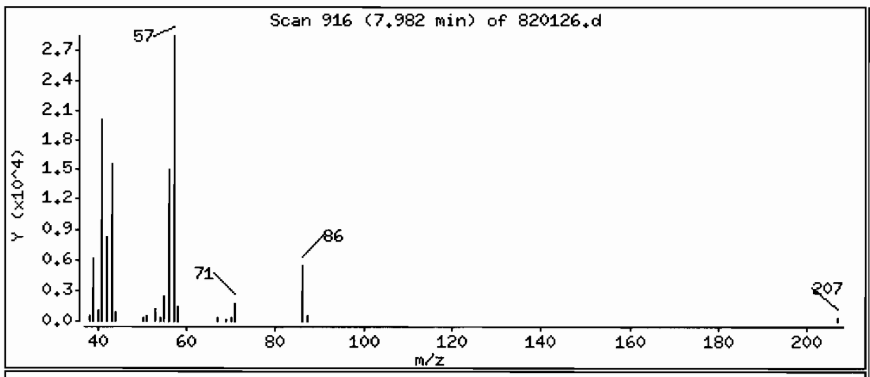
Operator: wrd

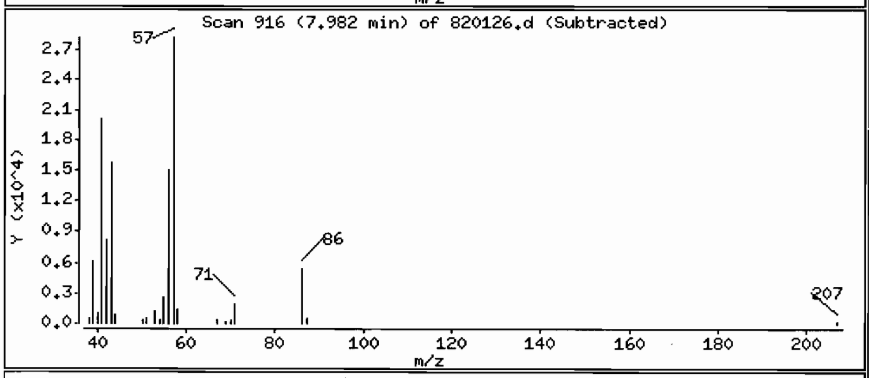
Column phase: RTX-624

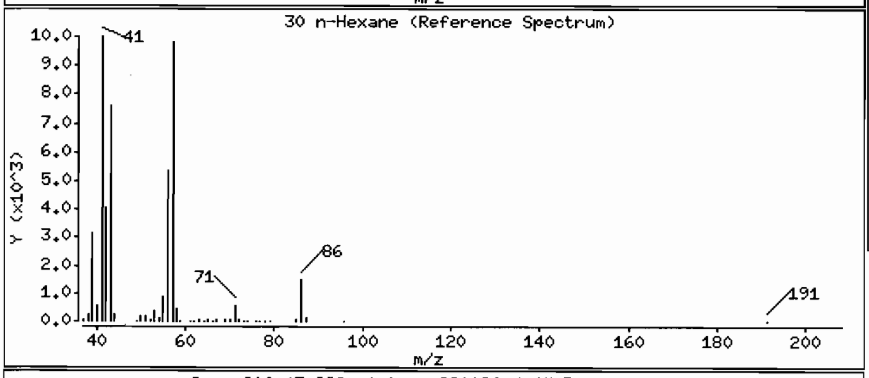
Column diameter: 0.32

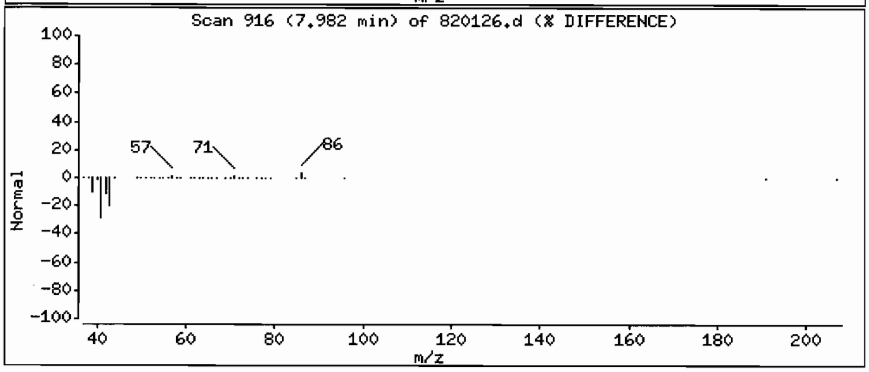
30 n-Hexane

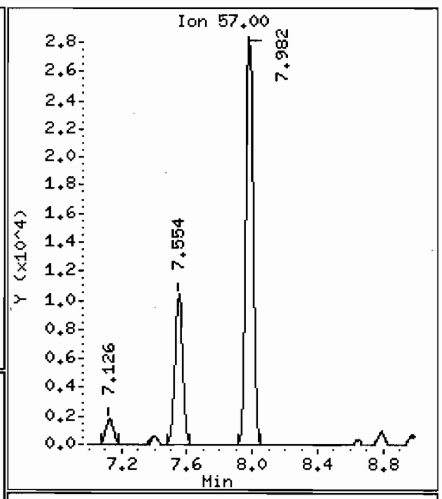
Concentration: 2.8 ppbv

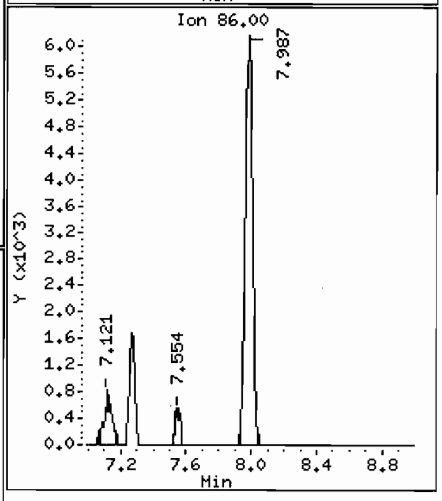












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

Client ID: CE-VAPOR-6

Instrument: F.i

Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

Purge Volume: 200.0

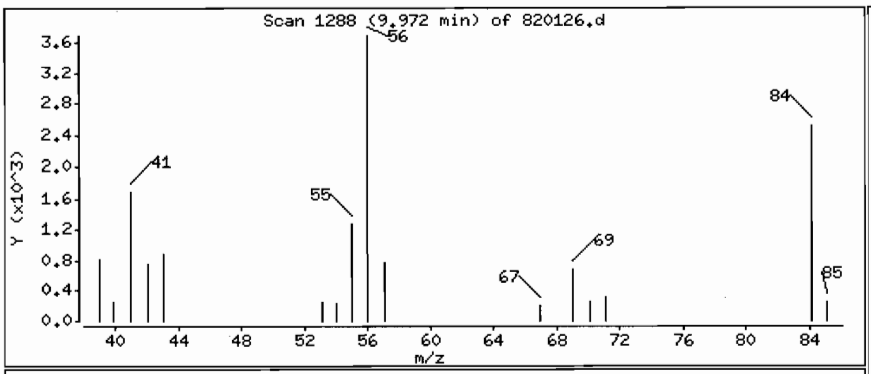
Operator: wrd

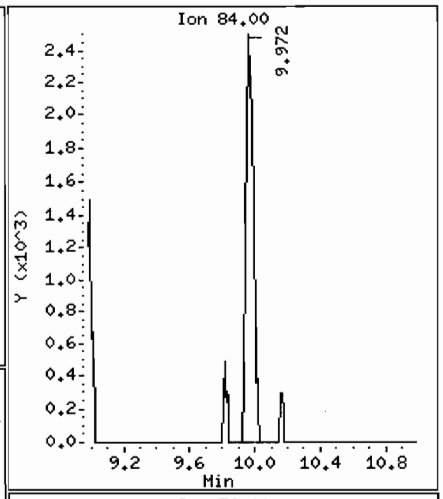
Column phase: RTX-624

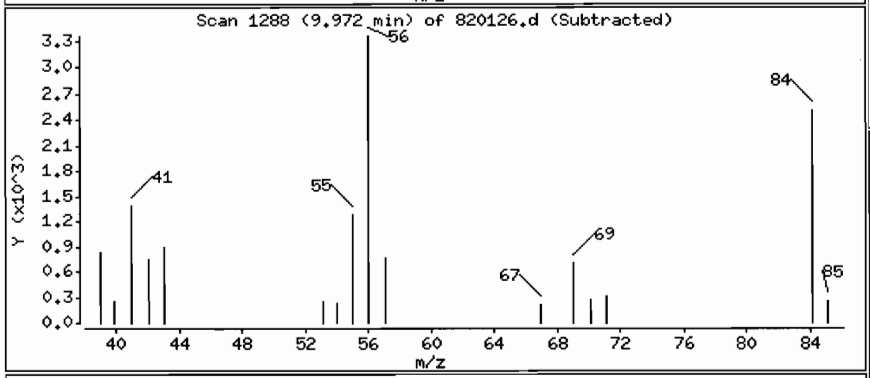
Column diameter: 0.32

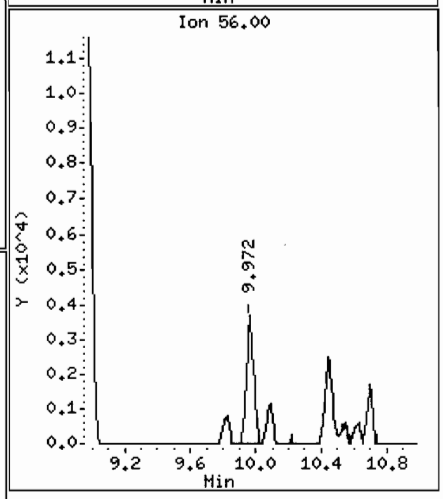
40 Cyclohexane

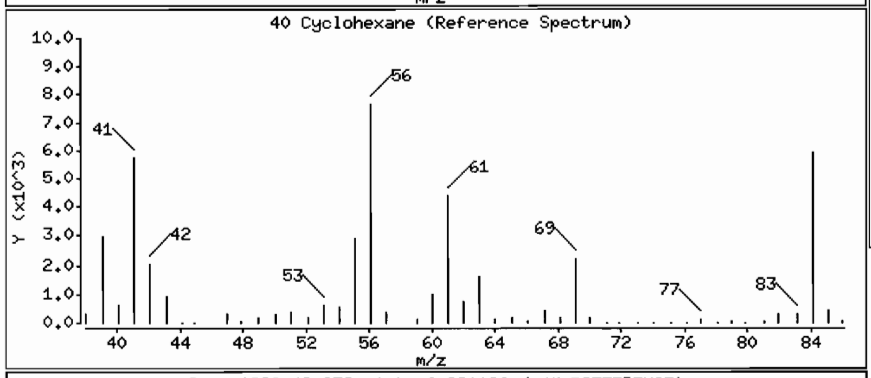
Concentration: 0.27 ppbv

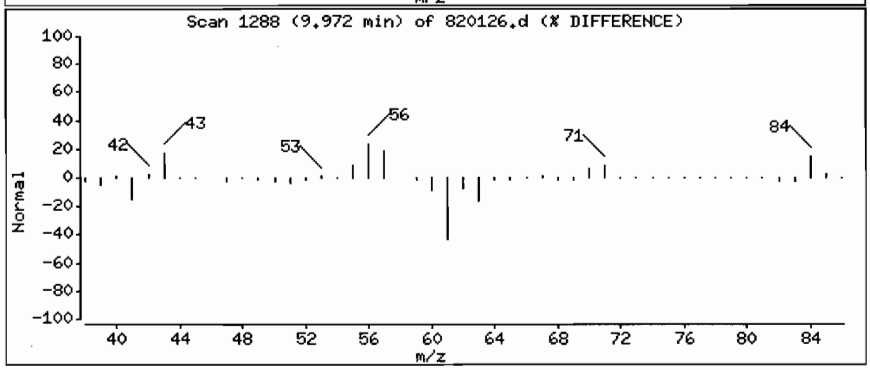












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

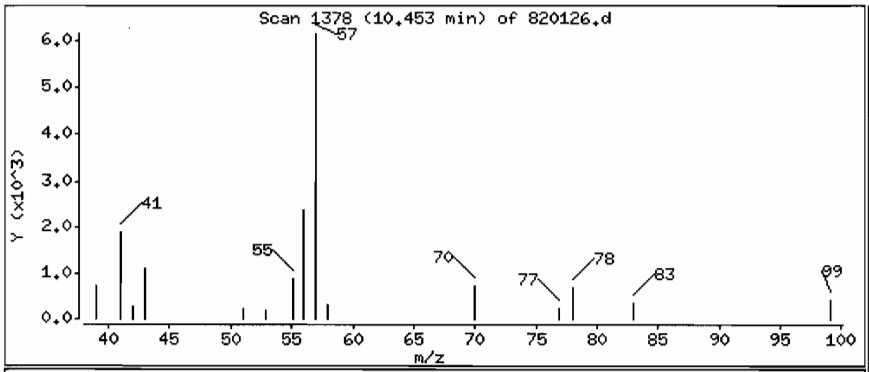
Client ID: CE-VAPOR-6 Instrument: F.i

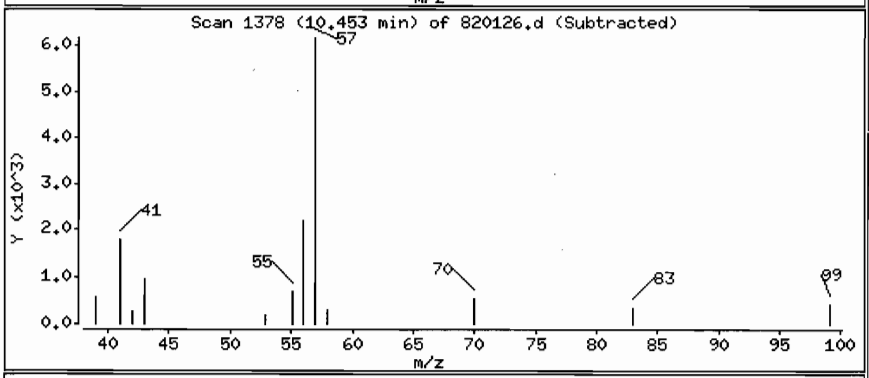
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

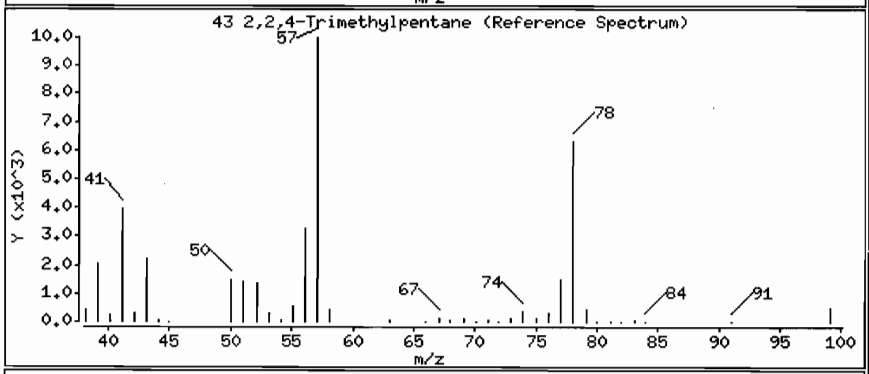
Purge Volume: 200.0 Operator: wrd

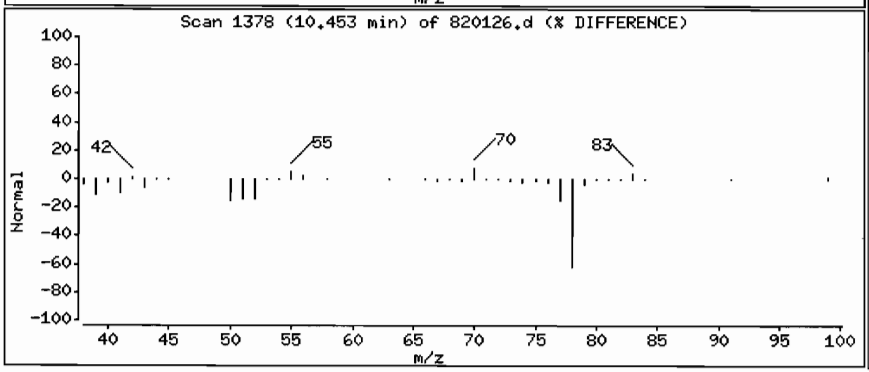
Column phase: RTX-624 Column diameter: 0.32

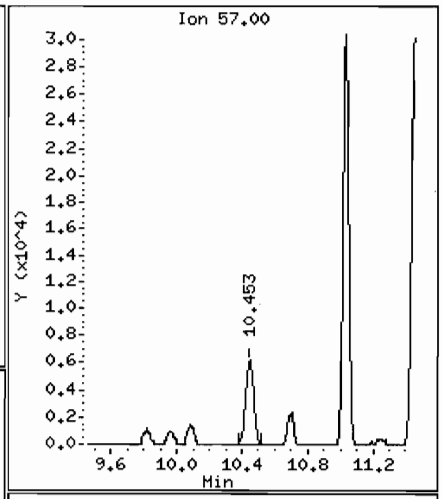
43 2,2,4-Trimethylpentane Concentration: 0.23 ppbv

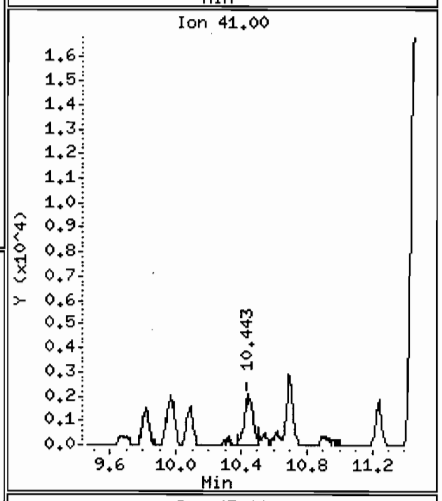


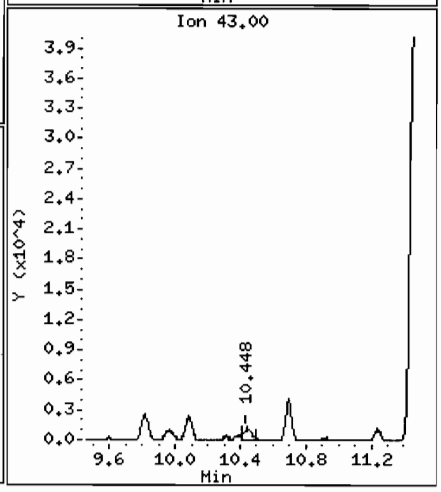












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

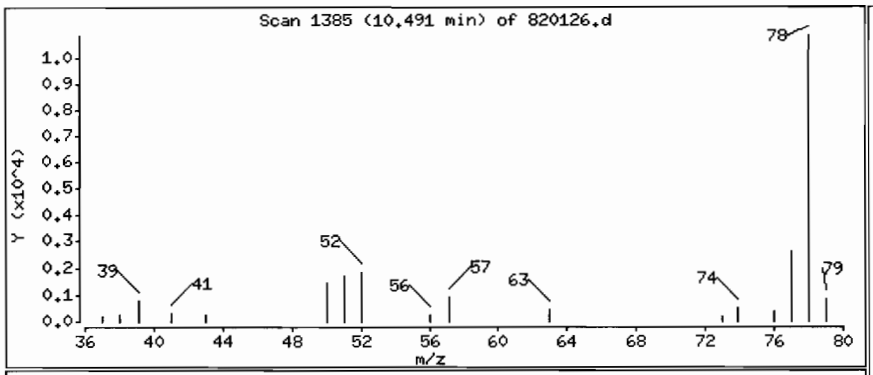
Client ID: CE-VAPOR-6 Instrument: F.i

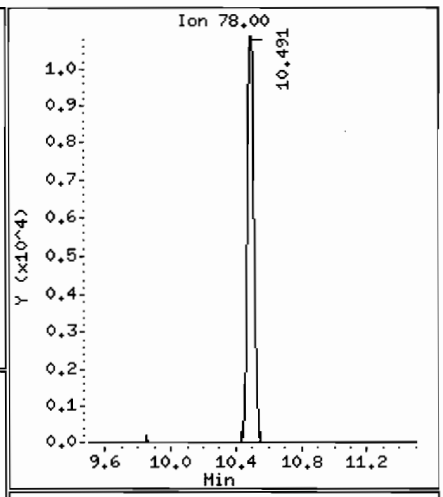
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

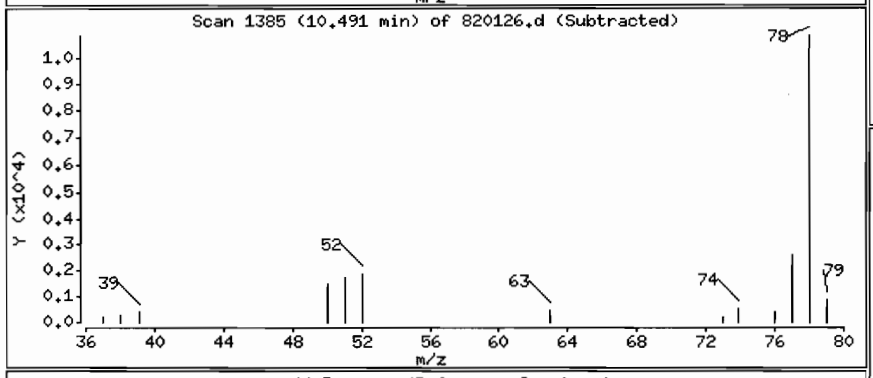
Purge Volume: 200.0 Operator: wrd

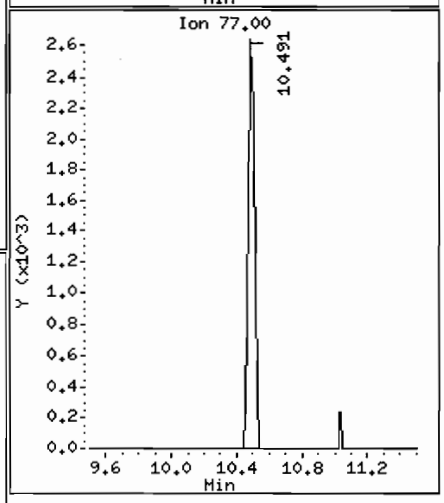
Column phase: RTX-624 Column diameter: 0.32

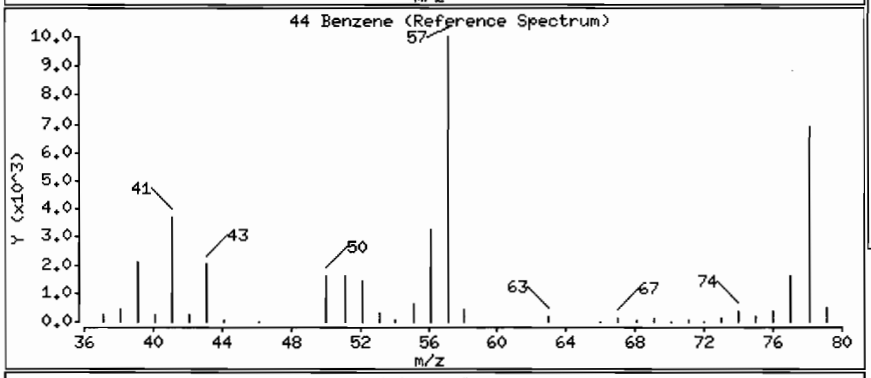
44 Benzene Concentration: 0.43 ppbv

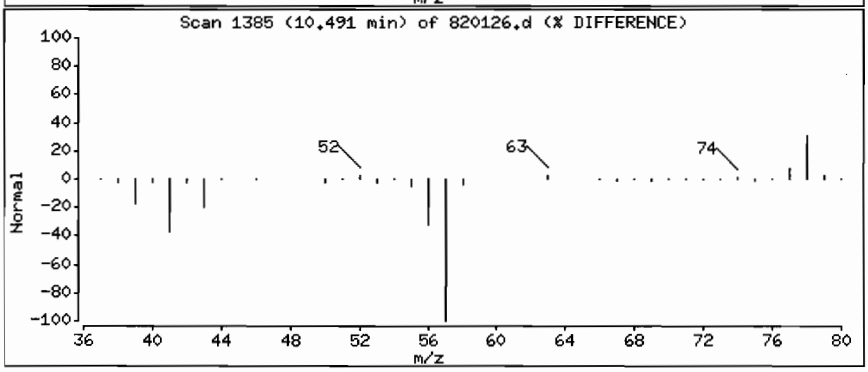












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

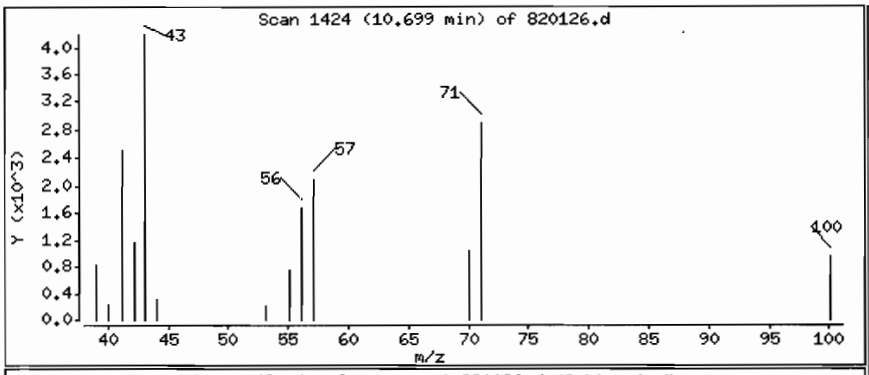
Client ID: CE-VAPOR-6 Instrument: F.i

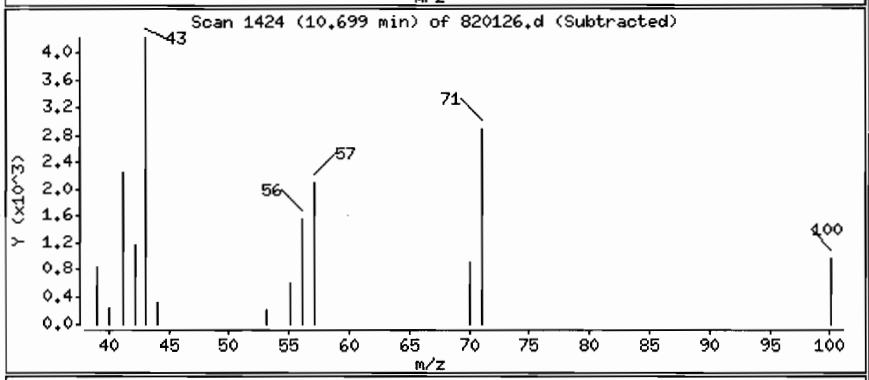
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

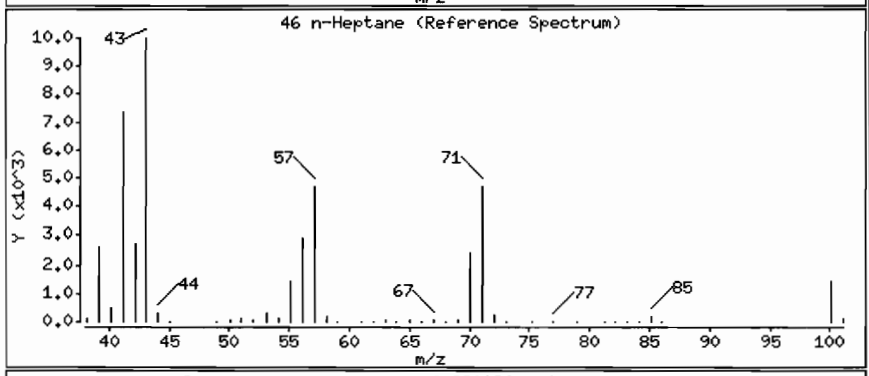
Purge Volume: 200.0 Operator: wrd

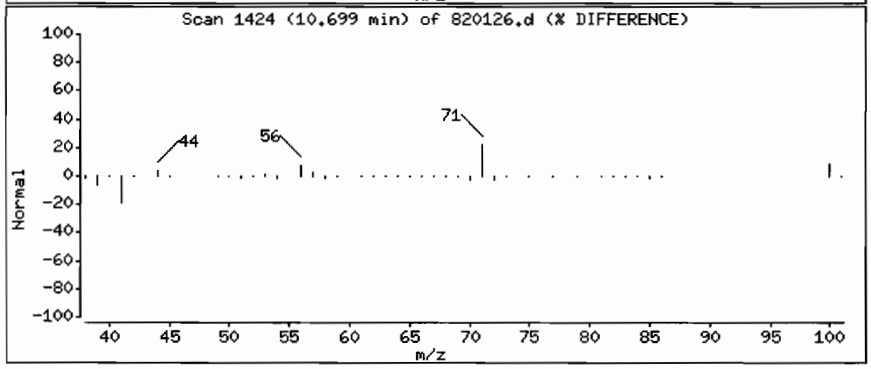
Column phase: RTX-624 Column diameter: 0.32

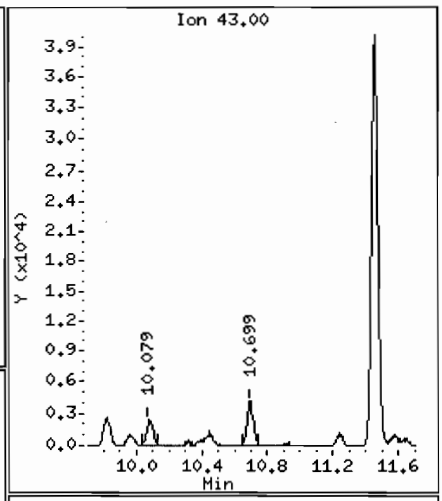
46 n-Heptane Concentration: 0.35 ppbv

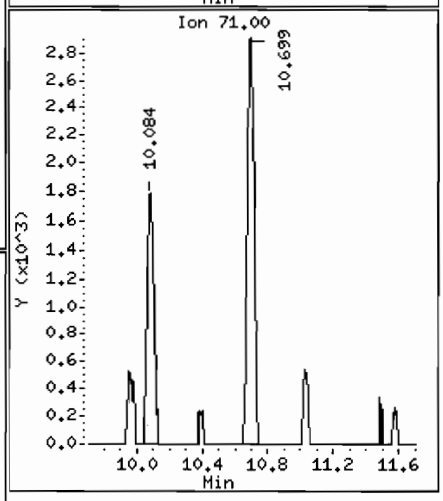












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

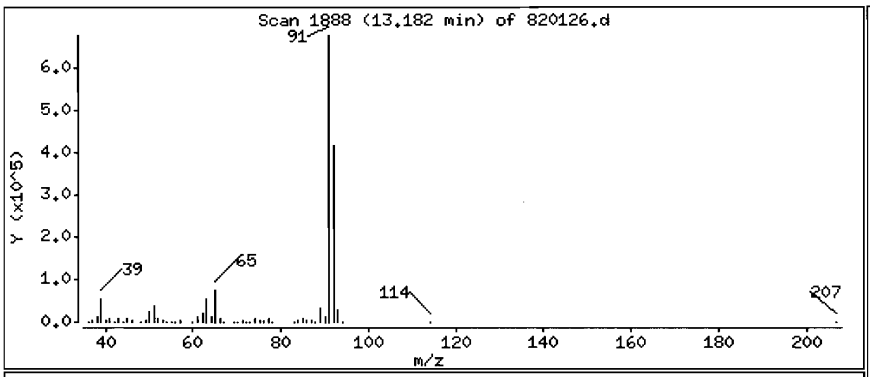
Client ID: CE-VAPOR-6 Instrument: F.i

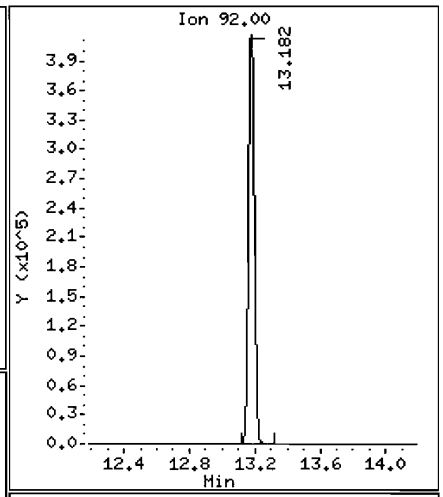
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

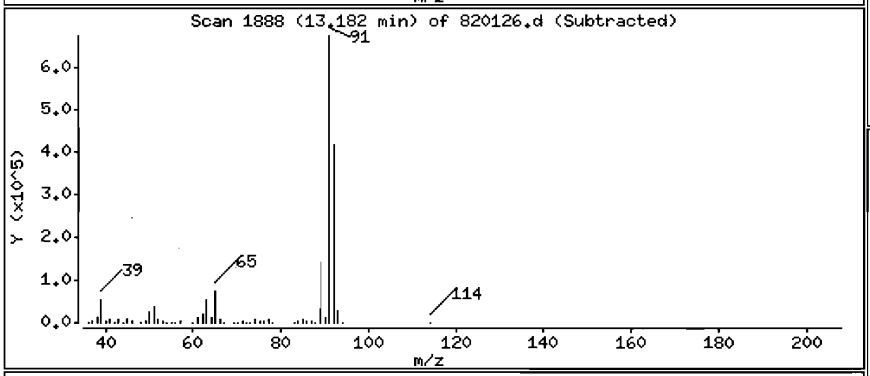
Purge Volume: 200.0 Operator: wrd

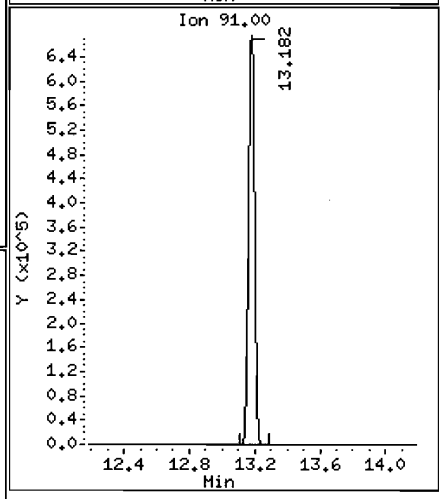
Column phase: RTX-624 Column diameter: 0.32

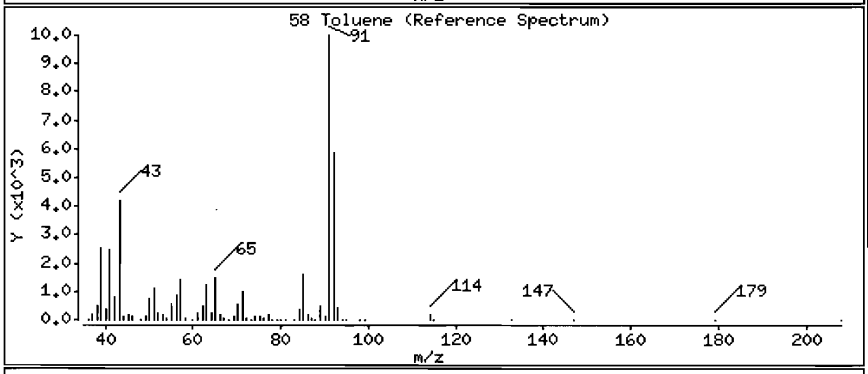
58 Toluene Concentration: 18 ppbv

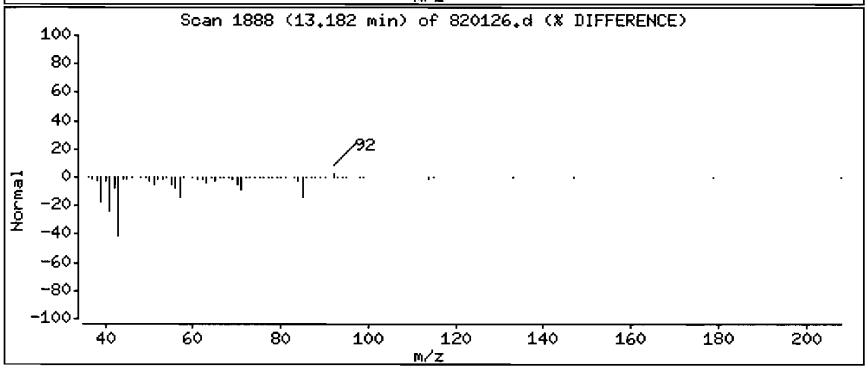












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

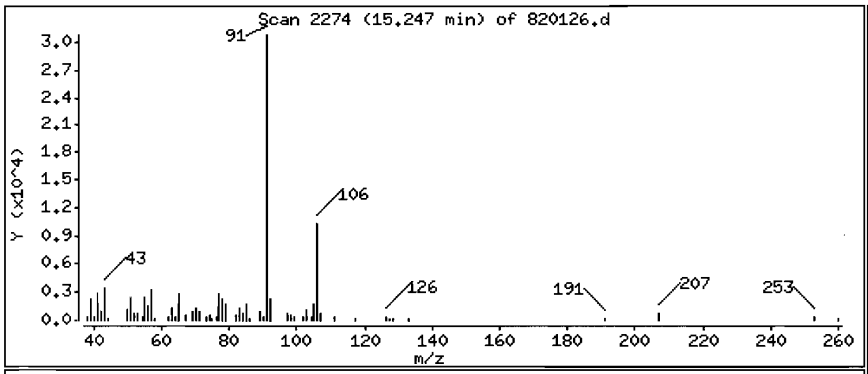
Client ID: CE-VAPOR-6 Instrument: F.i

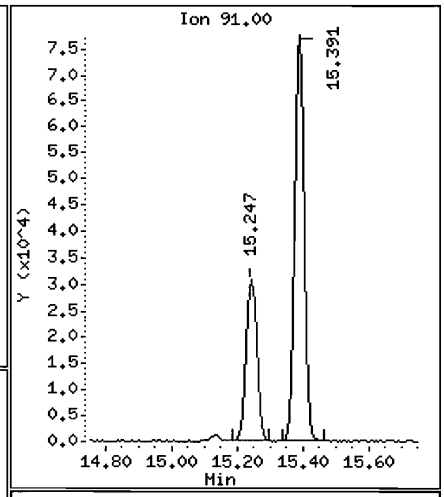
Sample Info: CE-VAPOR-6 :[J02/08/10 @1545(AIR)

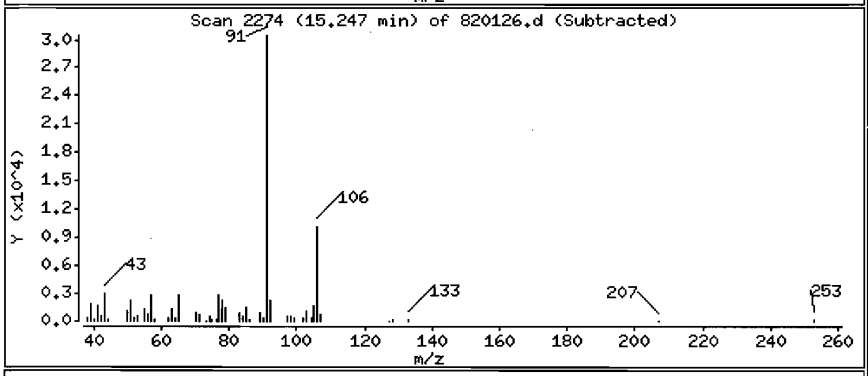
Purge Volume: 200.0 Operator: wrd

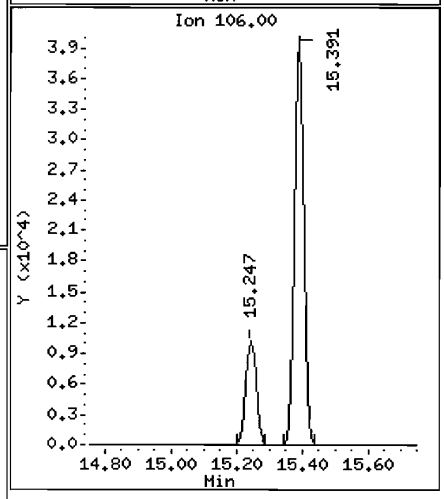
Column phase: RTX-624 Column diameter: 0.32

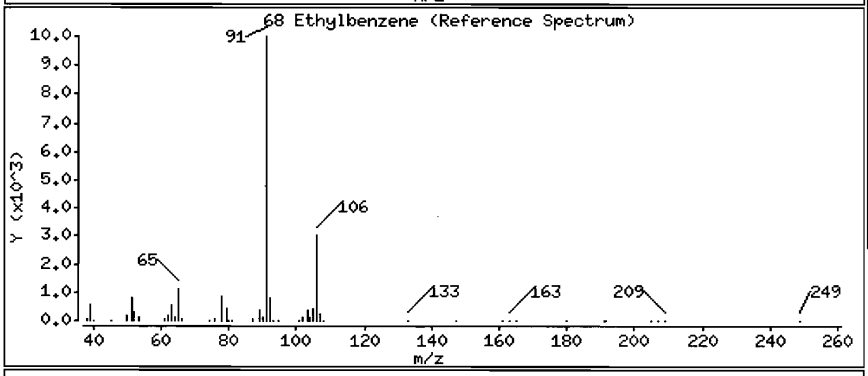
68 Ethylbenzene Concentration: 0.53 ppbv

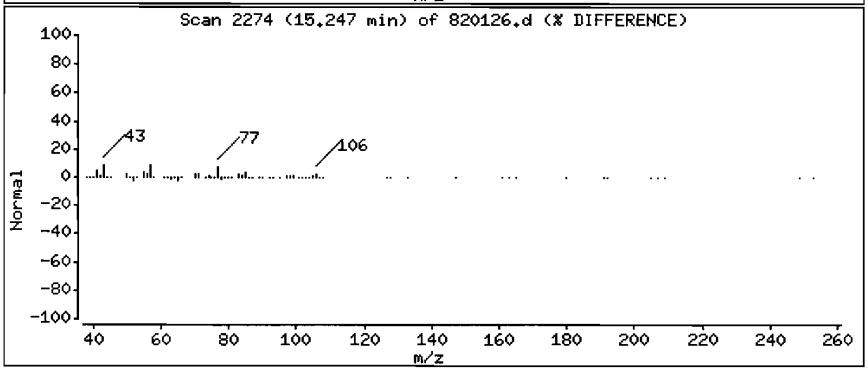












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

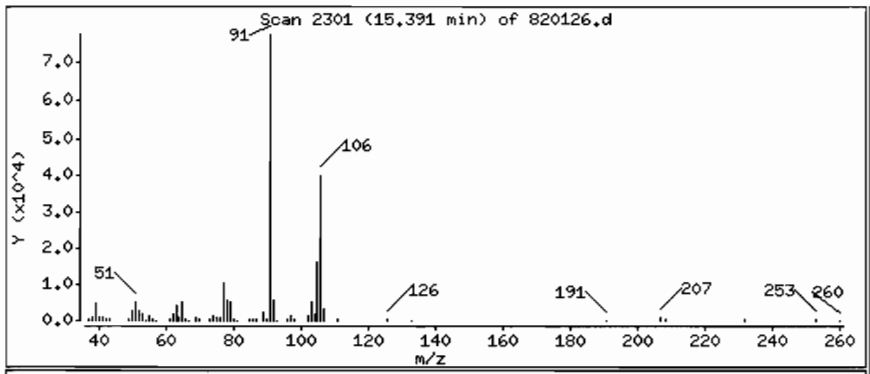
Client ID: CE-VAPOR-6 Instrument: F.i

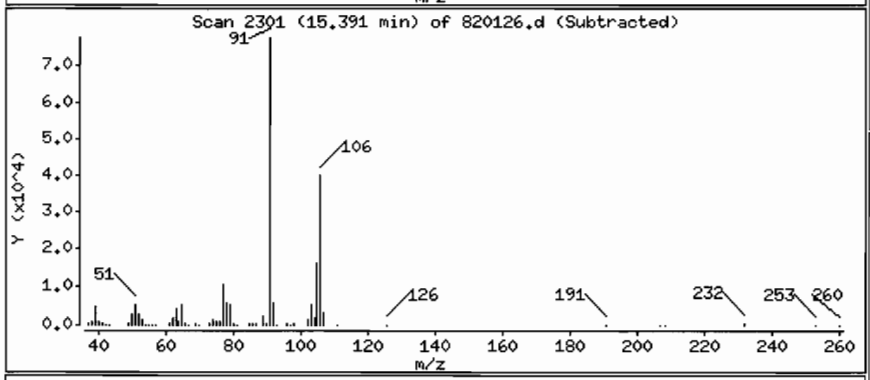
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

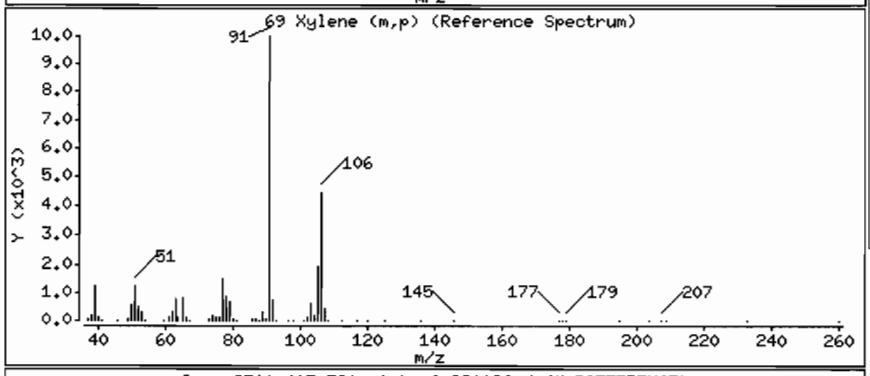
Purge Volume: 200.0 Operator: wrd

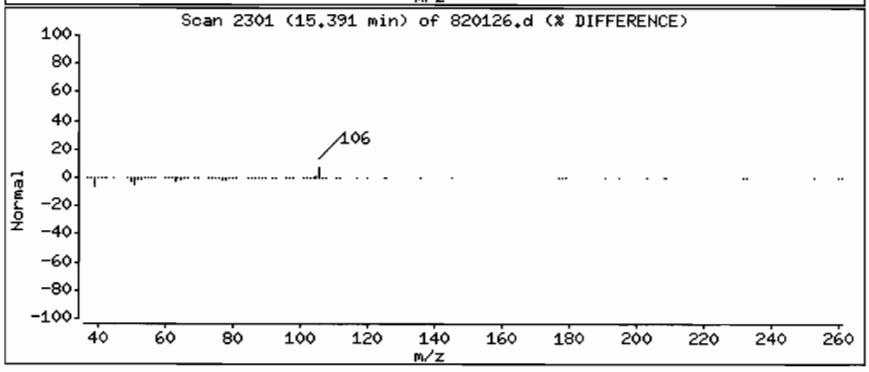
Column phase: RTX-624 Column diameter: 0.32

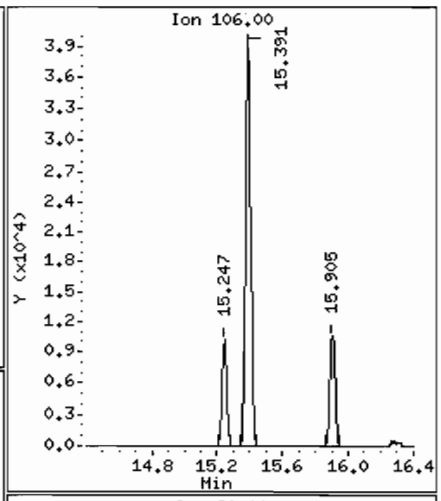
69 Xylene (m,p) Concentration: 1.7 ppbv

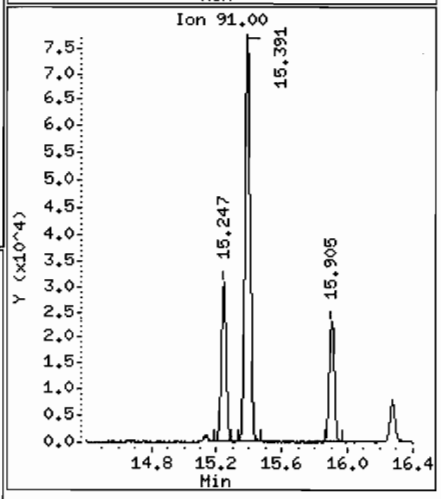












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

Client ID: CE-VAPOR-6

Instrument: F.i

Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

Purge Volume: 200.0

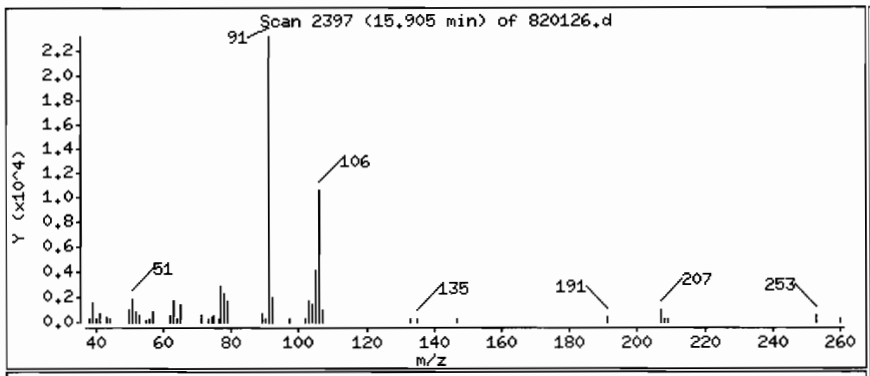
Operator: wrd

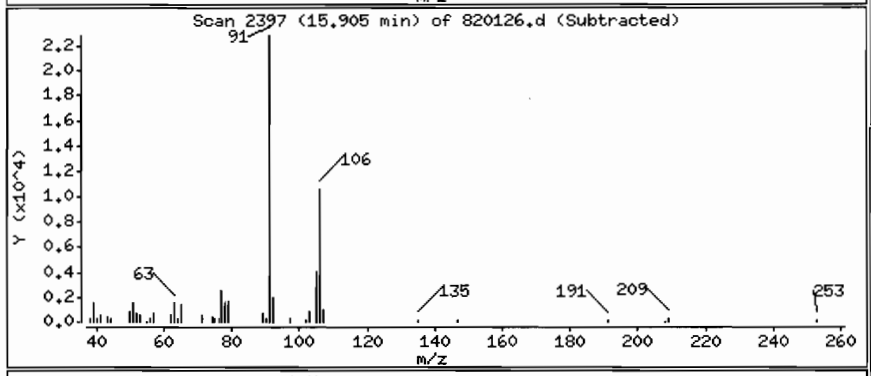
Column phase: RTX-624

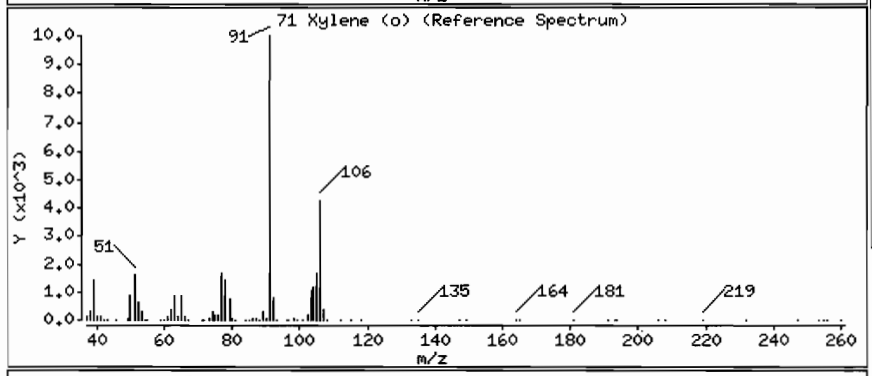
Column diameter: 0.32

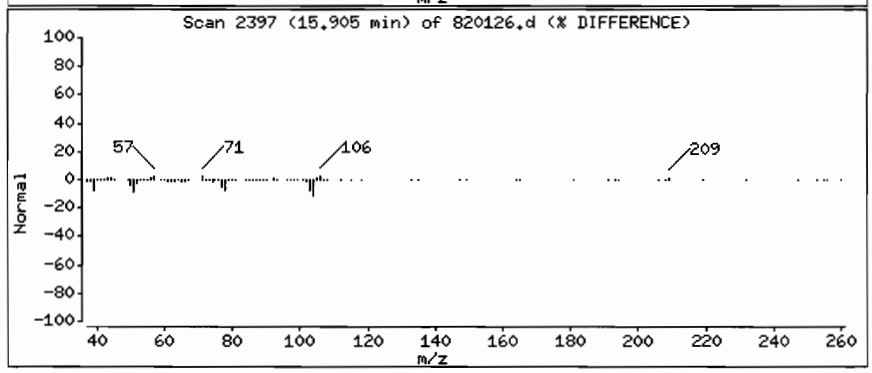
71 Xylene (o)

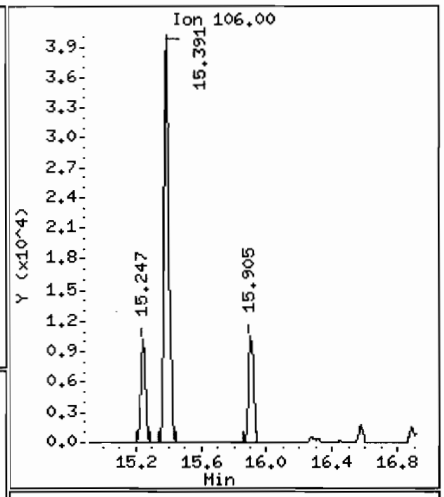
Concentration: 0.45 ppbv

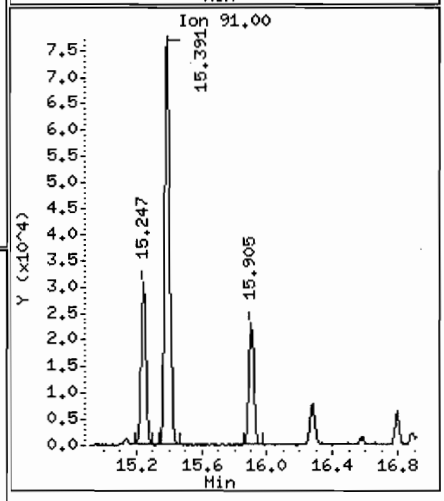












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

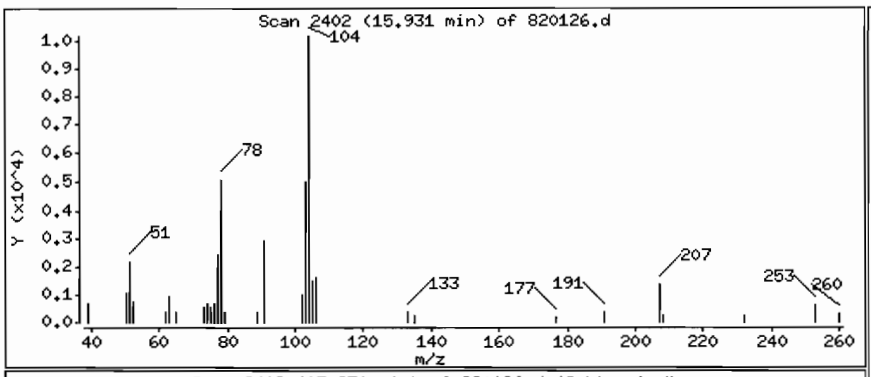
Client ID: CE-VAPOR-6 Instrument: F.i

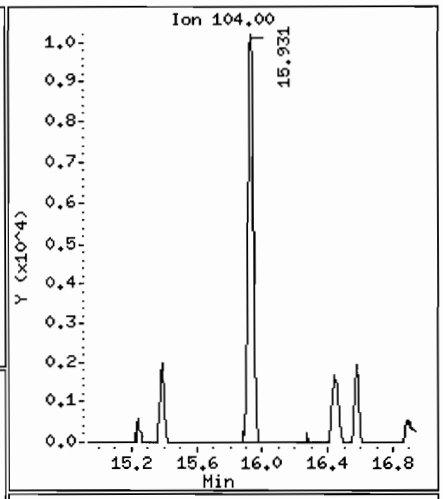
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

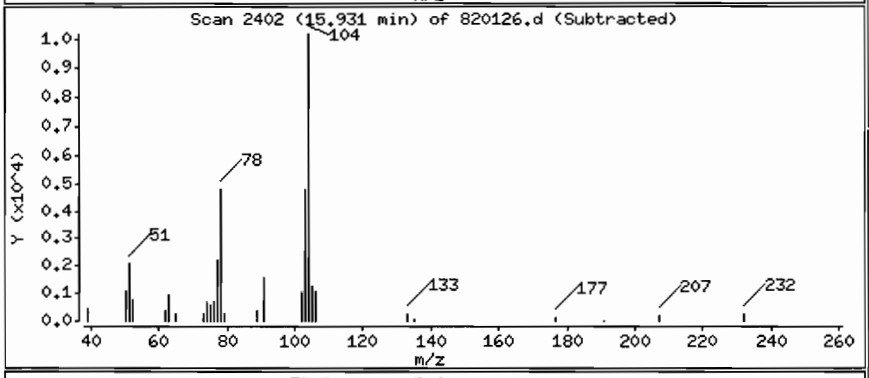
Purge Volume: 200.0 Operator: wrd

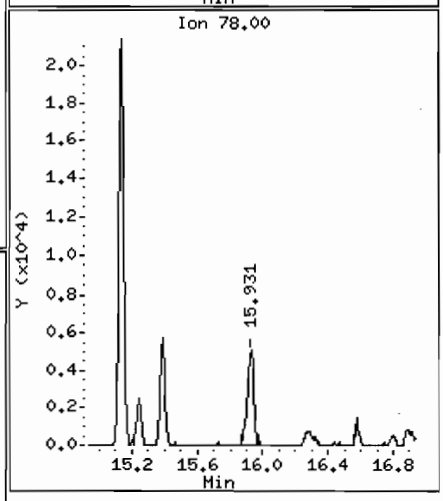
Column phase: RTX-624 Column diameter: 0.32

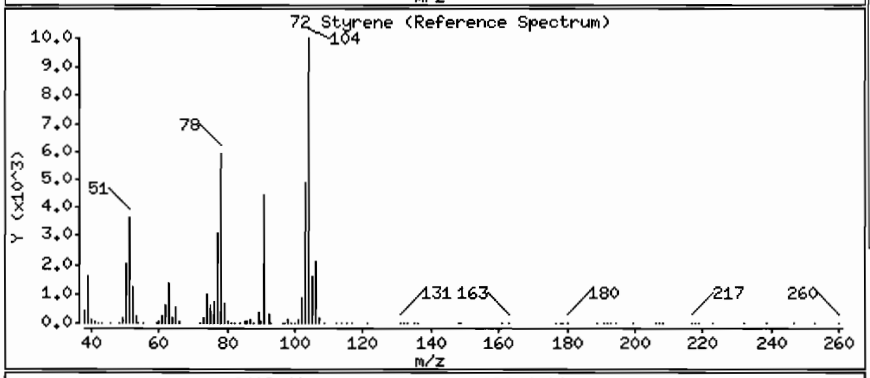
72 Styrene Concentration: 0.30 ppbv

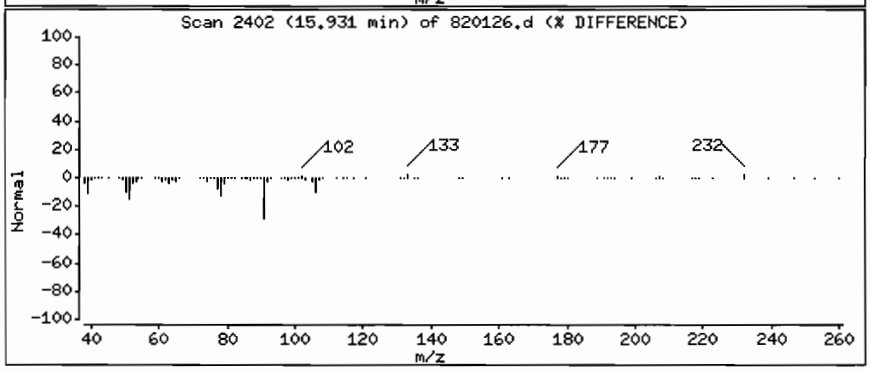












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

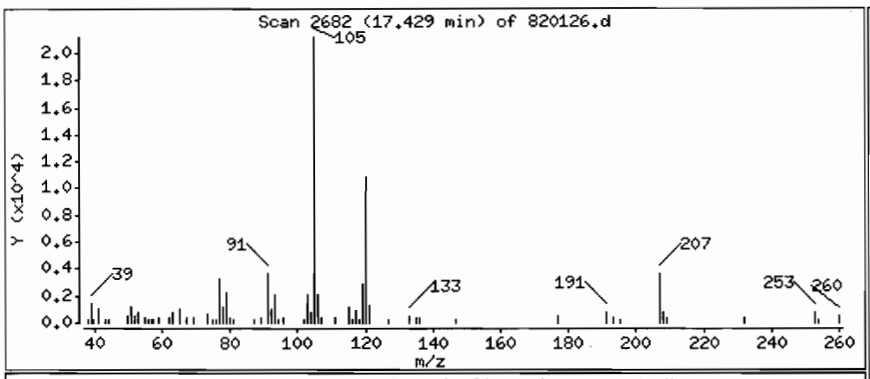
Client ID: CE-VAPOR-6 Instrument: F.i

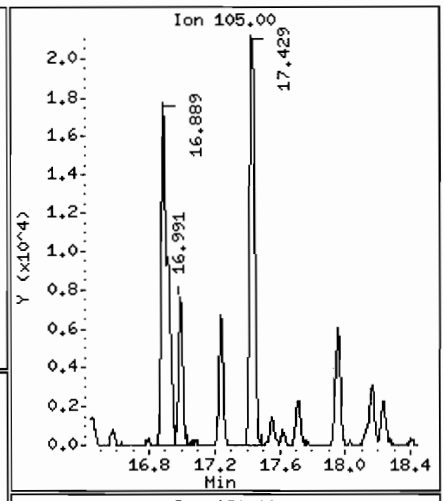
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

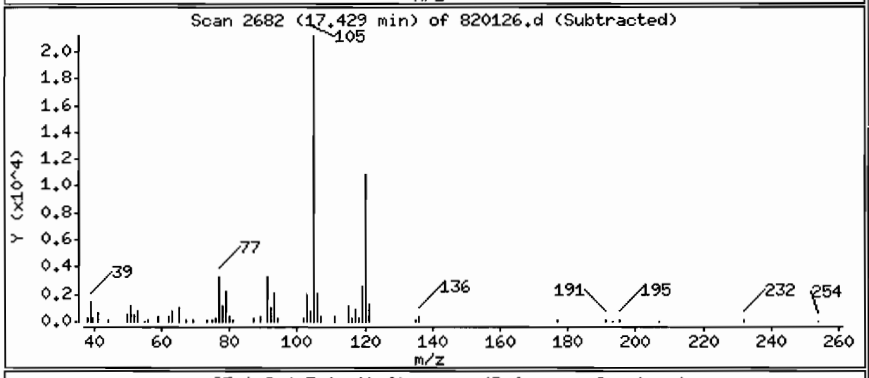
Purge Volume: 200.0 Operator: wrd

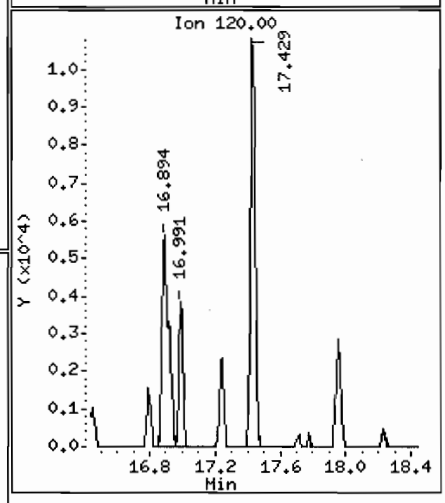
Column phase: RTX-624 Column diameter: 0.32

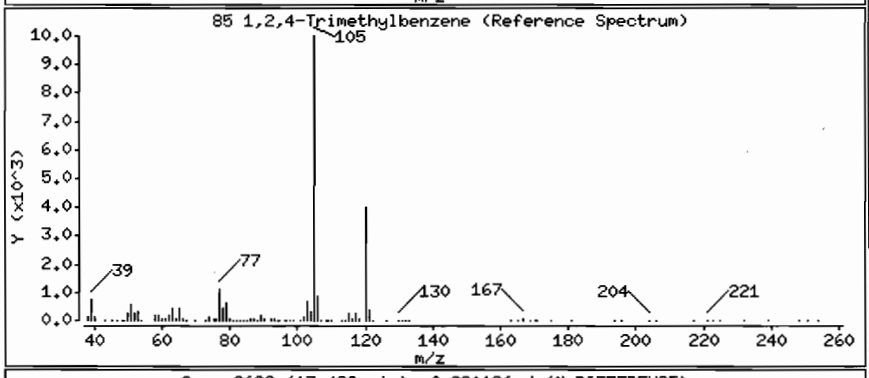
85 1,2,4-Trimethylbenzene Concentration: 0.32 ppbv

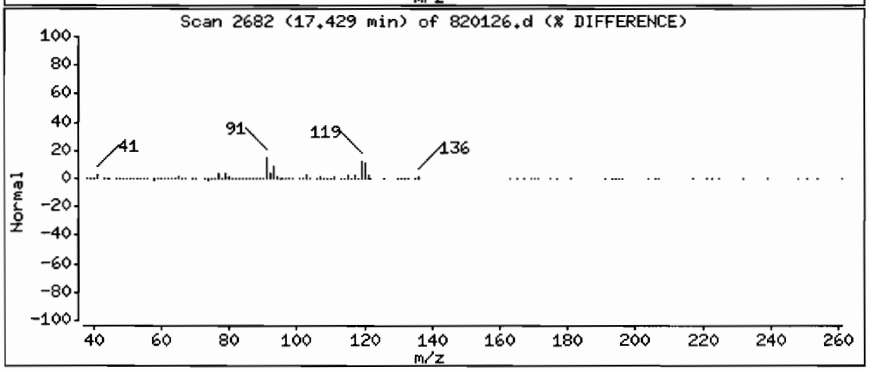












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820126.d

Date : 17-FEB-2010 02:44

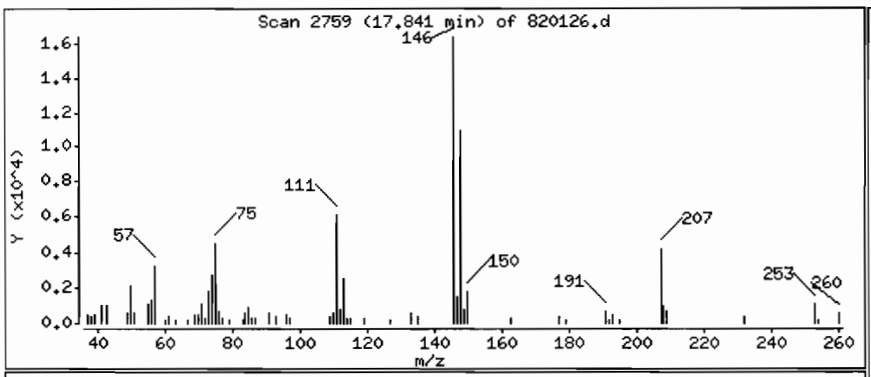
Client ID: CE-VAPOR-6 Instrument: F.i

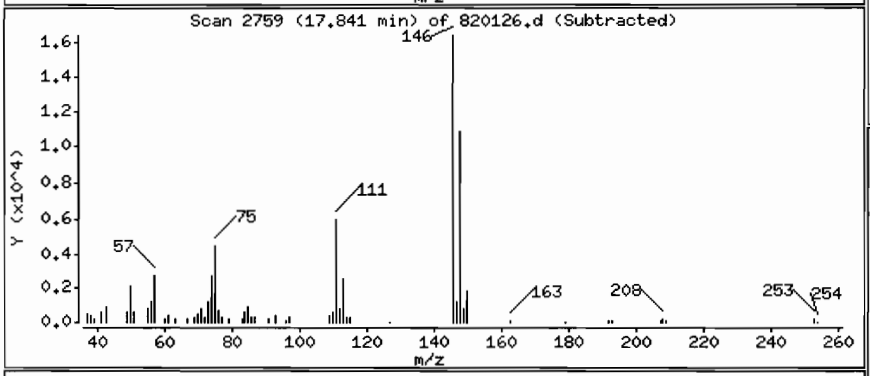
Sample Info: CE-VAPOR-6 :[ ]02/08/10 @1545(AIR)

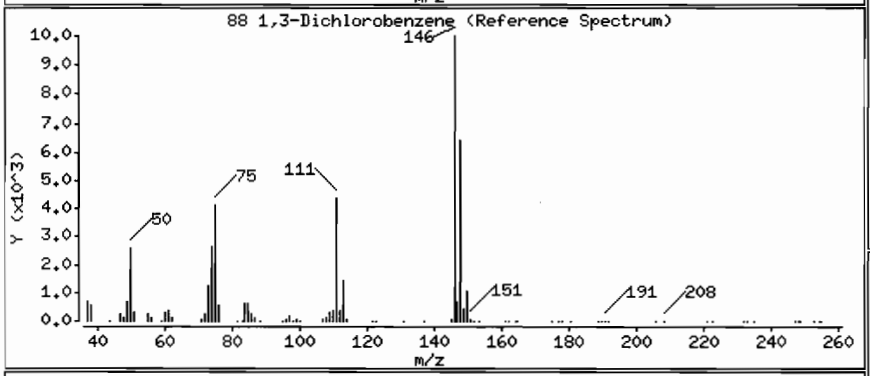
Purge Volume: 200.0 Operator: wrd

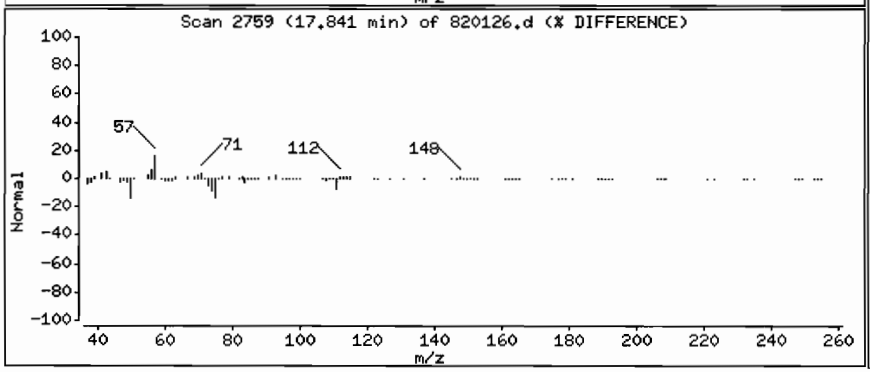
Column phase: RTX-624 Column diameter: 0.32

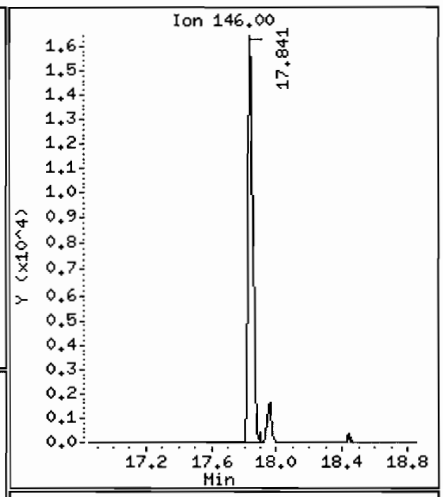
88 1,3-Dichlorobenzene Concentration: 0.34 ppbv

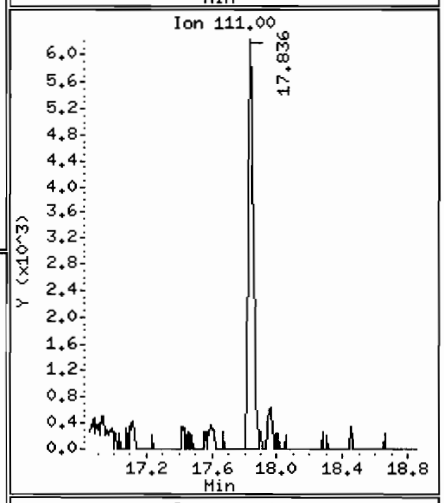


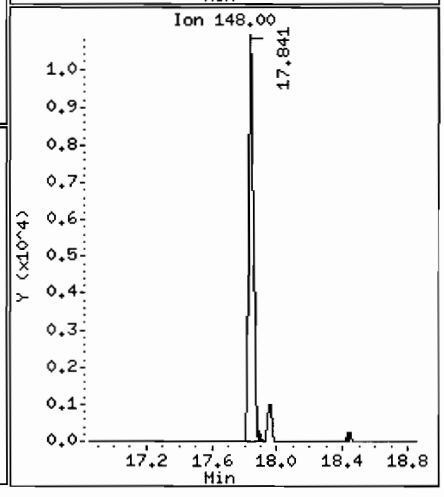












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820127

Sample wt/vol: 44.00 (g/mL) ML Lab File ID: 820127D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.5

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	2.3	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.91	U
74-87-3	Chloromethane	2.3	U
75-01-4	Vinyl Chloride	0.91	U
106-99-0	1,3-Butadiene	2.3	U
74-83-9	Bromomethane	0.91	U
75-00-3	Chloroethane	2.3	U
593-60-2	Bromoethene	0.91	U
75-69-4	Trichlorofluoromethane	0.91	U
76-13-1	Freon TF	0.91	U
75-35-4	1,1-Dichloroethene	0.91	U
67-64-1	Acetone	23	U
67-63-0	Isopropyl Alcohol	31	
75-15-0	Carbon disulfide	3.0	
107-05-1	3-Chloropropene	2.3	U
75-09-2	Methylene chloride	2.3	U
75-65-0	tert-Butyl Alcohol	23	U
1634-04-4	Methyl tert-Butyl Ether	2.3	U
156-60-5	trans-1,2-Dichloroethene	0.91	U
110-54-3	n-Hexane	2.3	U
75-34-3	1,1-Dichloroethane	0.91	U
78-93-3	Methyl Ethyl Ketone	13	
156-59-2	cis-1,2-Dichloroethene	0.91	U
540-59-0	1,2-Dichloroethene,Total	0.91	U
67-66-3	Chloroform	0.91	U
109-99-9	Tetrahydrofuran	23	
71-55-6	1,1,1-Trichloroethane	0.91	U
110-82-7	Cyclohexane	0.91	U
56-23-5	Carbon tetrachloride	0.91	U
540-84-1	2,2,4-Trimethylpentane	0.91	U
71-43-2	Benzene	1.6	
107-06-2	1,2-Dichloroethane	0.91	U
142-82-5	n-Heptane	0.91	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820127

Sample wt/vol: 44.00 (g/mL) ML Lab File ID: 820127D

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 4.5

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.91	U
78-87-5	1,2-Dichloropropane	0.91	U
123-91-1	1,4-Dioxane	23	U
75-27-4	Bromodichloromethane	0.91	U
10061-01-5	cis-1,3-Dichloropropene	0.91	U
108-10-1	Methyl Isobutyl Ketone	2.3	U
108-88-3	Toluene	8.5	
10061-02-6	trans-1,3-Dichloropropene	0.91	U
79-00-5	1,1,2-Trichloroethane	0.91	U
127-18-4	Tetrachloroethene	0.91	U
591-78-6	Methyl Butyl Ketone	2.3	U
124-48-1	Dibromochloromethane	0.91	U
106-93-4	1,2-Dibromoethane	0.91	U
108-90-7	Chlorobenzene	0.91	U
100-41-4	Ethylbenzene	1.1	
1330-20-7	Xylene (m,p)	3.1	
95-47-6	Xylene (o)	1.7	
1330-20-7	Xylenes, Total	4.8	
100-42-5	Styrene	120	
75-25-2	Bromoform	0.91	U
79-34-5	1,1,2,2-Tetrachloroethane	0.91	U
622-96-8	4-Ethyltoluene	0.91	U
108-67-8	1,3,5-Trimethylbenzene	0.91	U
95-49-8	2-Chlorotoluene	0.91	U
95-63-6	1,2,4-Trimethylbenzene	1.0	
541-73-1	1,3-Dichlorobenzene	2.6	
106-46-7	1,4-Dichlorobenzene	0.91	U
95-50-1	1,2-Dichlorobenzene	0.91	U
120-82-1	1,2,4-Trichlorobenzene	2.3	U
87-68-3	Hexachlorobutadiene	0.91	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Page 4

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

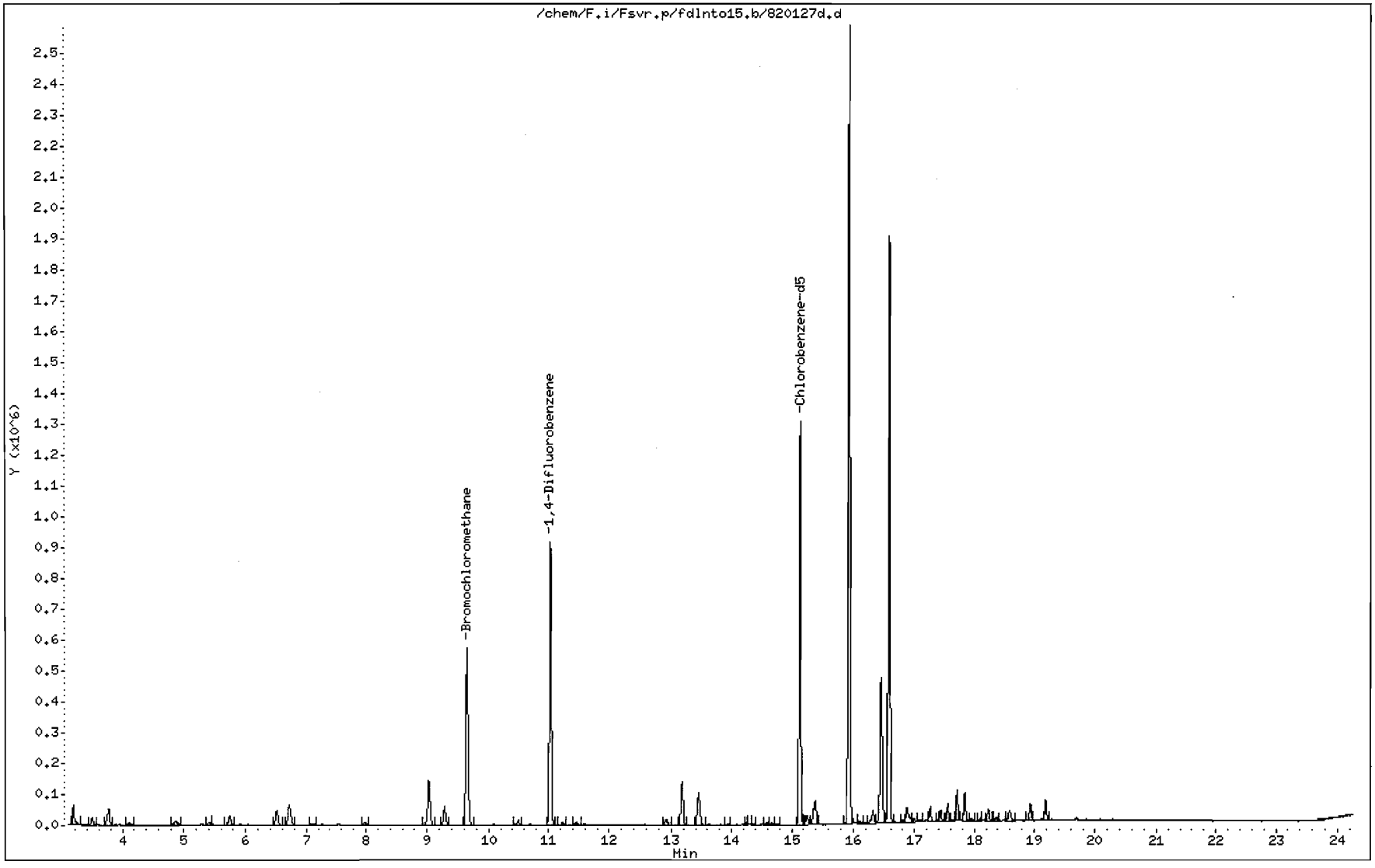
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d
Lab Smp Id: 820127 Client Smp ID: CE-VAPOR-7
Inj Date : 17-FEB-2010 09:14
Operator : njr Inst ID: F.i
Smp Info : CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)
Misc Info : 820127;021610FA;4.55;44
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 1
Dil Factor: 4.55000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	4.55000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	44.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	6.714	6.719	(0.696)	113359	6.72217	31
21 Carbon disulfide	76	6.741	6.757	(0.699)	32320	0.66772	3.0
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.276	9.293	(0.962)	25029	2.83752	13(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	212371	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	9.662	9.667	(0.876)	76949	5.11943	23
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.496	10.502	(0.952)	19853	0.35630	1.6
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1022736	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	13.182	13.187	(0.871)	82056	1.86754	8.5
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	954972	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.247	15.252	(1.007)	22661	0.23293	1.1
	69 Xylene (m,p)	106	15.391	15.402	(1.017)	27016	0.68024	3.1
	71 Xylene (o)	106	15.905	15.915	(1.051)	14075	0.36331	1.7(Q)
M	70 Xylenes, Total	106				41091	1.06065	4.8
	72 Styrene	104	15.931	15.937	(1.053)	1569686	27.4234	120
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	17.429	17.440	(1.152)	22895	0.22037	1.0
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	44224	0.56680	2.6
	89 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

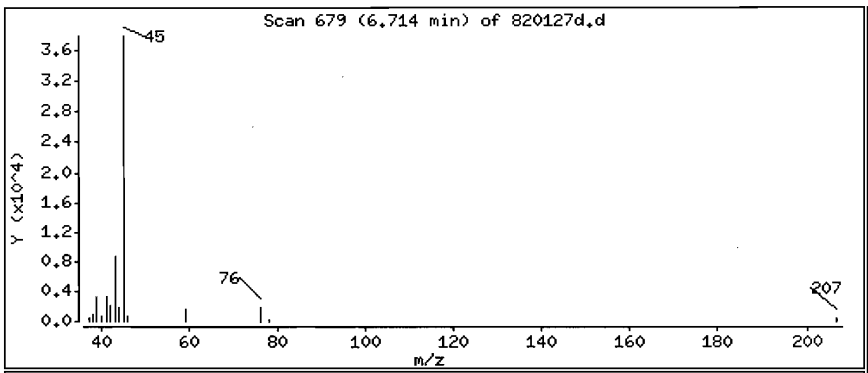
Operator: njr

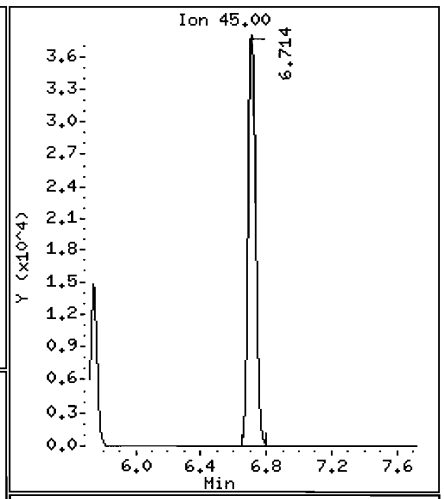
Column phase: RTX-624

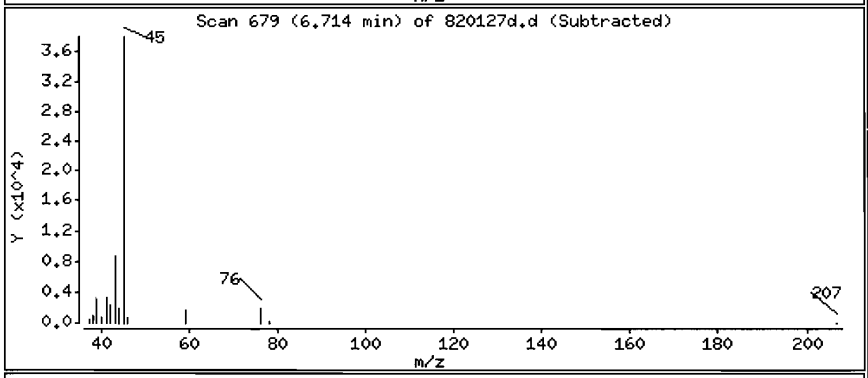
Column diameter: 0.32

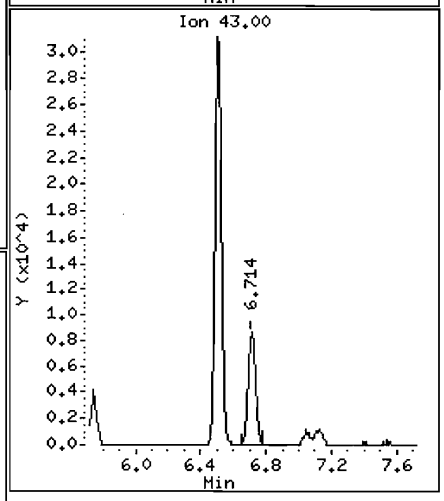
22 Isopropyl Alcohol

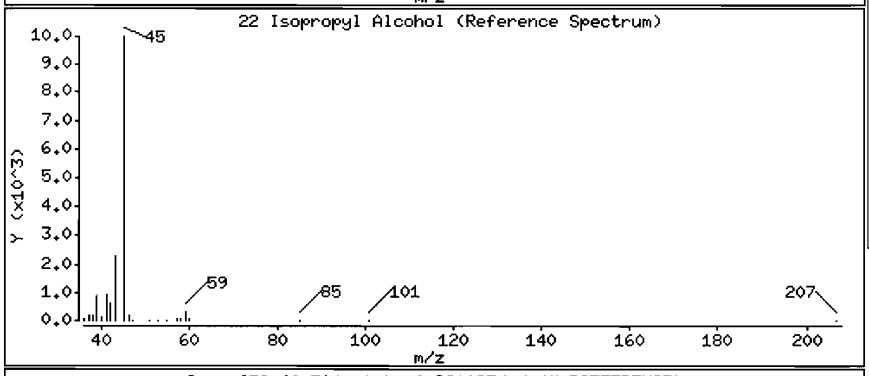
Concentration: 31 ppbv

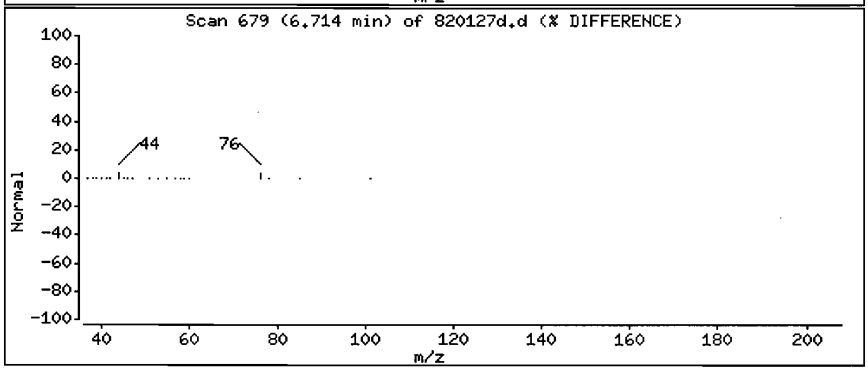












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

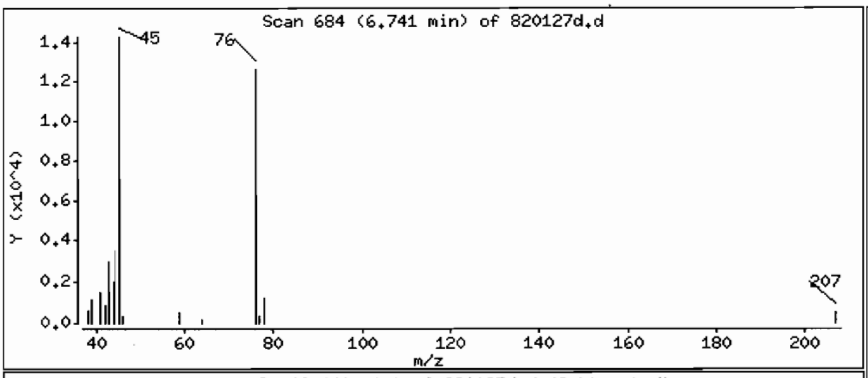
Client ID: CE-VAPOR-7 Instrument: F.i

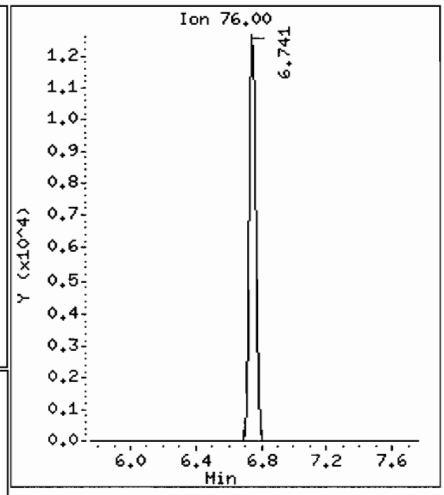
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

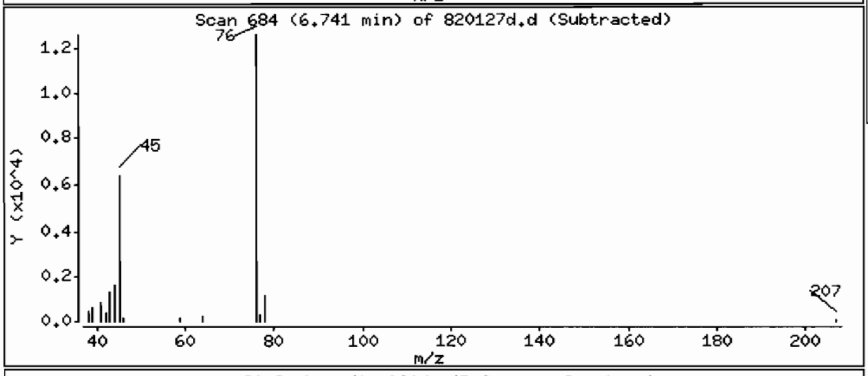
Purge Volume: 44.0 Operator: njr

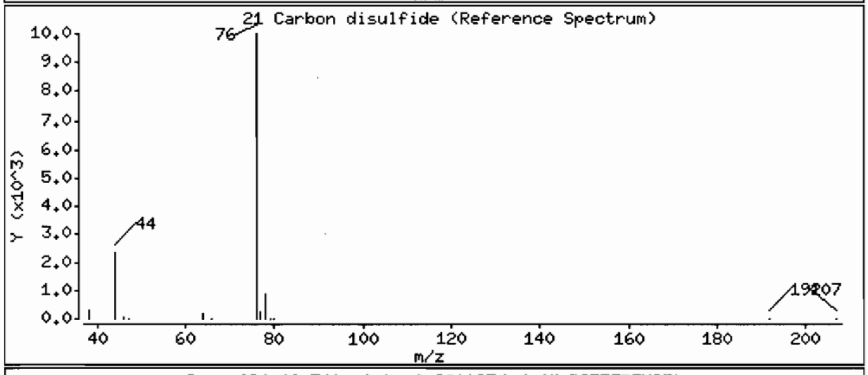
Column phase: RTX-624 Column diameter: 0.32

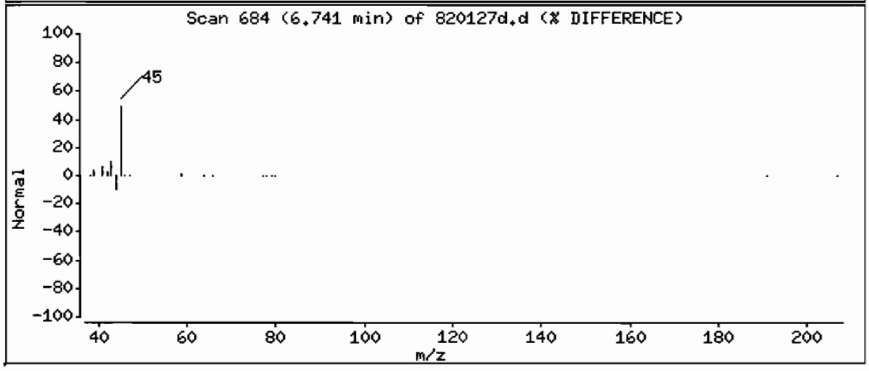
21 Carbon disulfide Concentration: 3.0 ppbv











Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

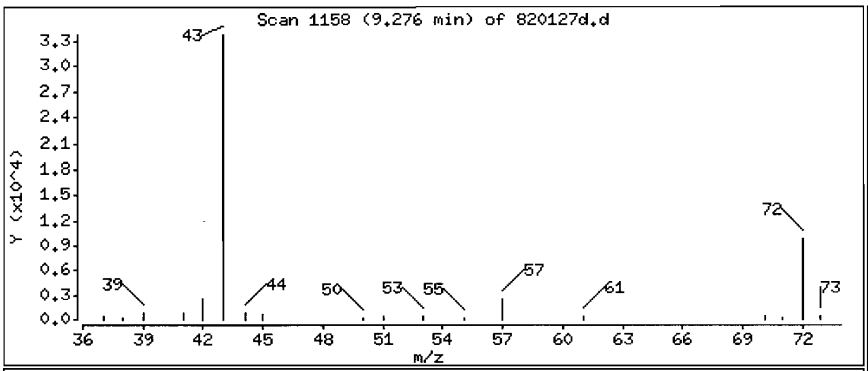
Client ID: CE-VAPOR-7 Instrument: F.i

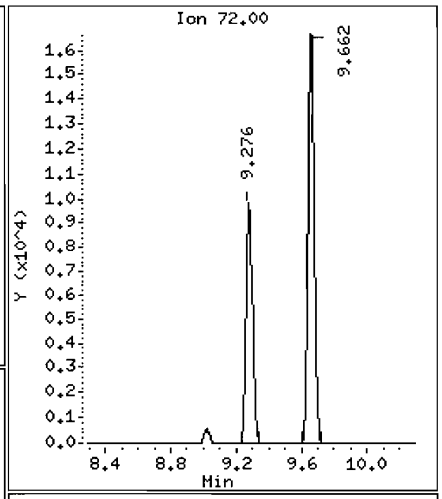
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

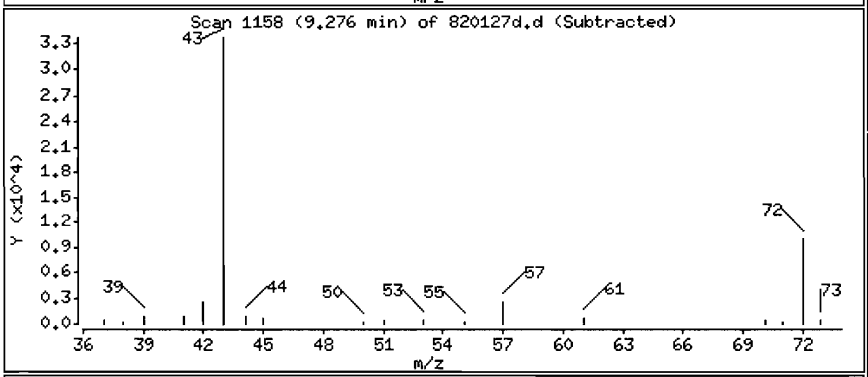
Purge Volume: 44.0 Operator: njr

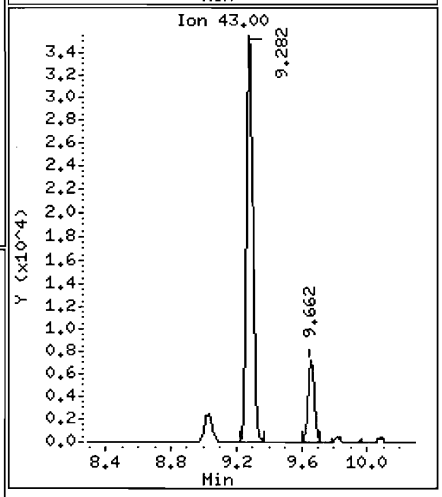
Column phase: RTX-624 Column diameter: 0.32

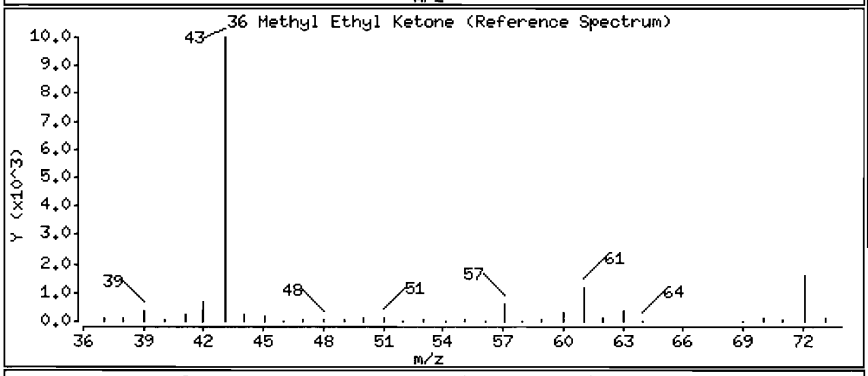
36 Methyl Ethyl Ketone Concentration: 13 ppbv

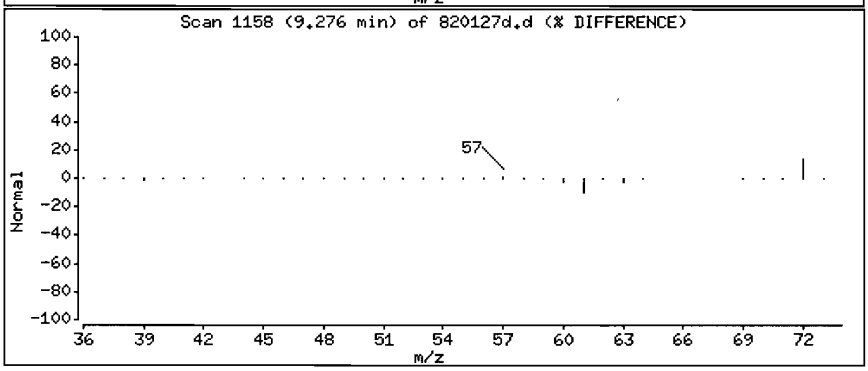












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

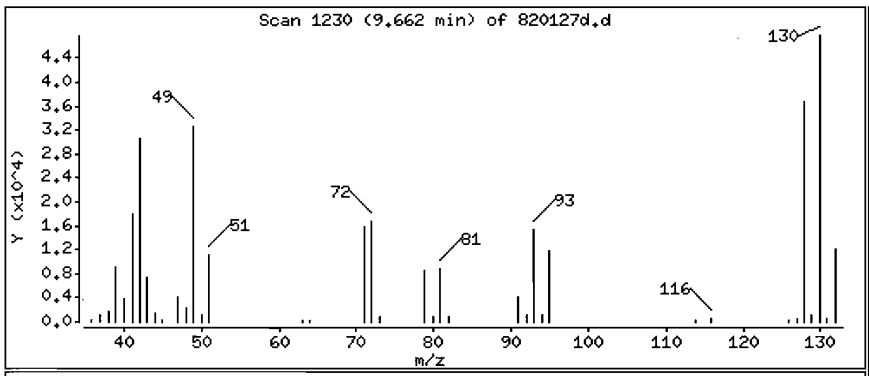
Client ID: CE-VAPOR-7 Instrument: F.i

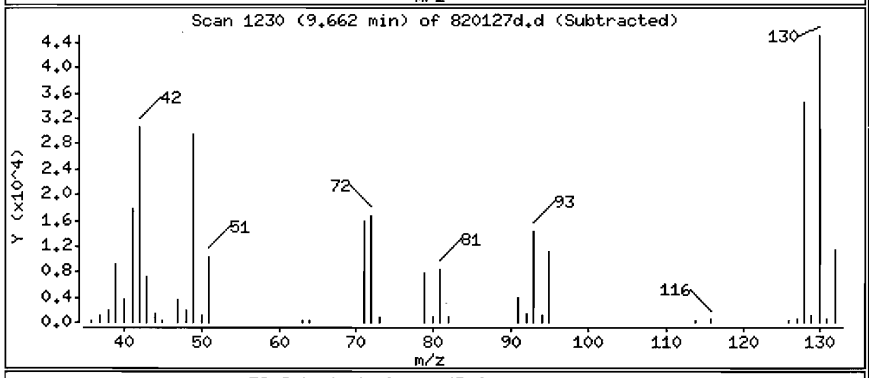
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

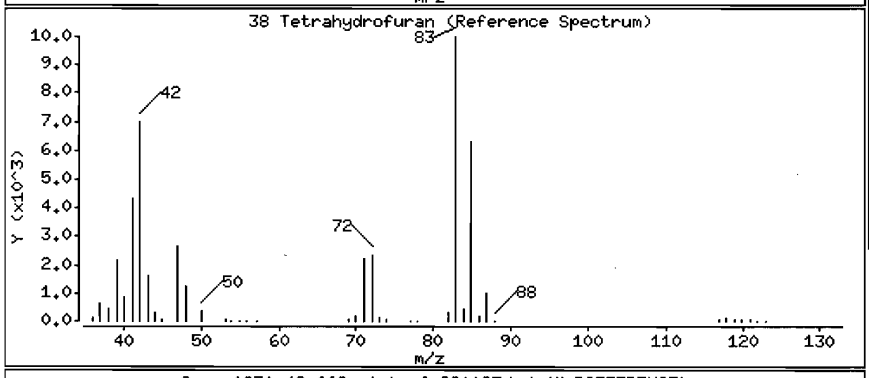
Purge Volume: 44.0 Operator: njr

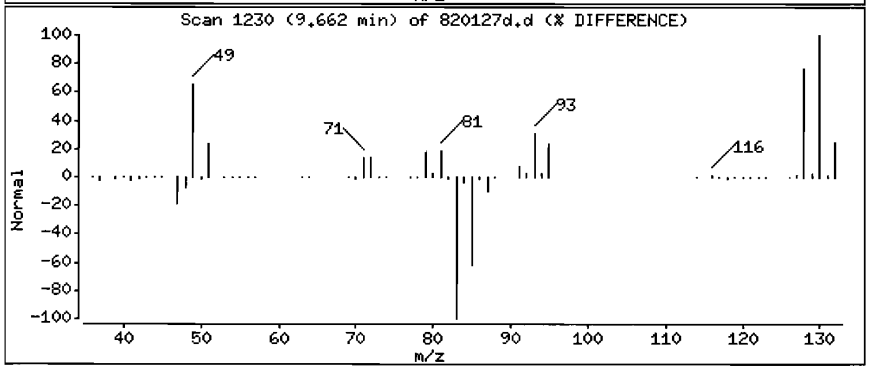
Column phase: RTX-624 Column diameter: 0.32

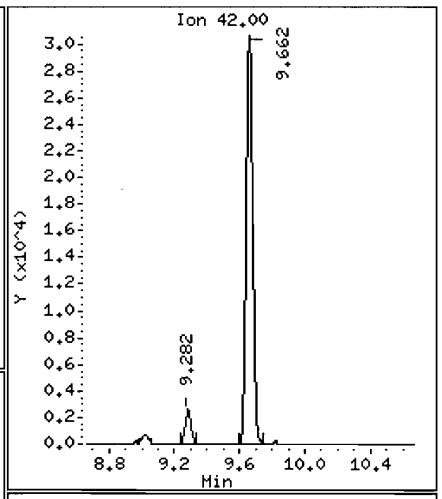
38 Tetrahydrofuran Concentration: 23 ppbv

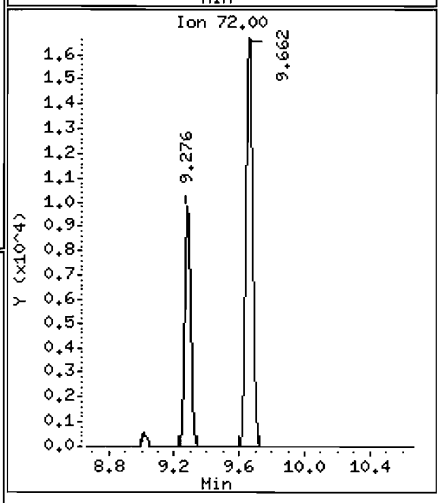












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

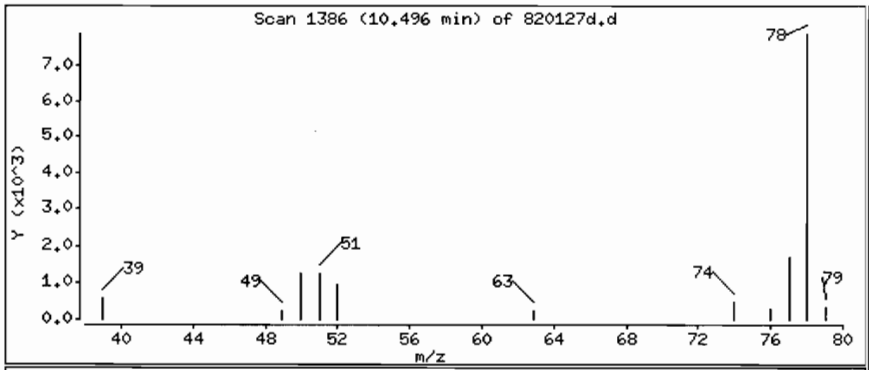
Operator: njr

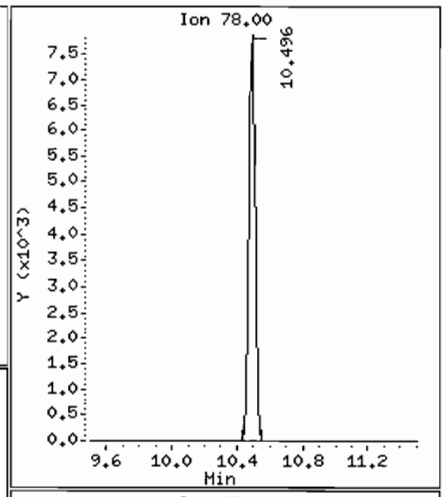
Column phase: RTX-624

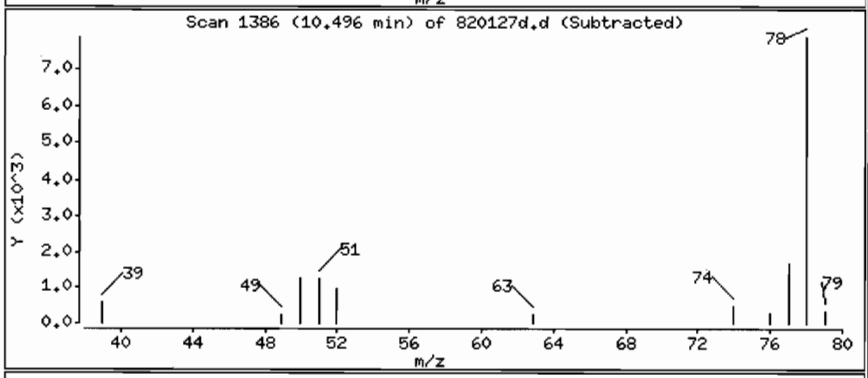
Column diameter: 0.32

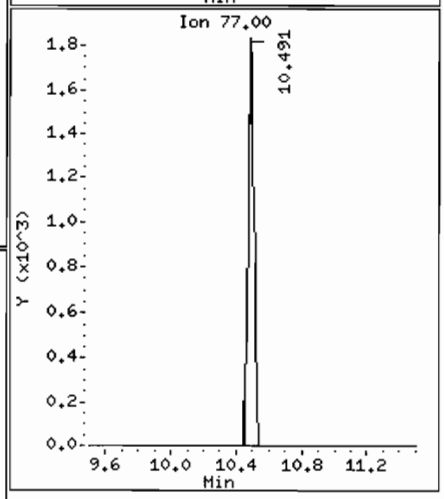
44 Benzene

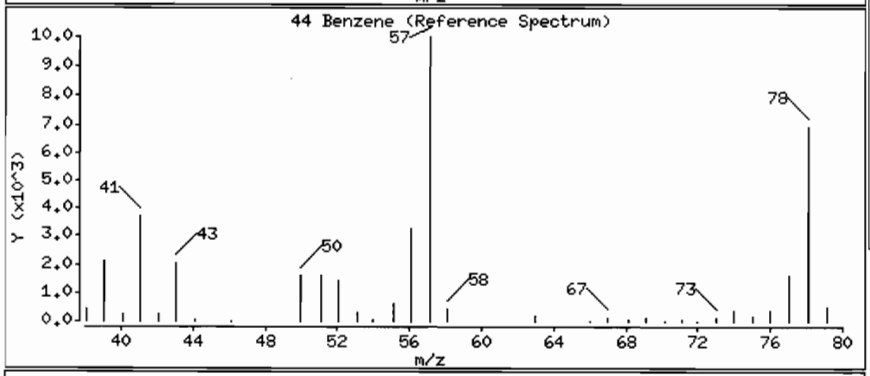
Concentration: 1.6 ppbv

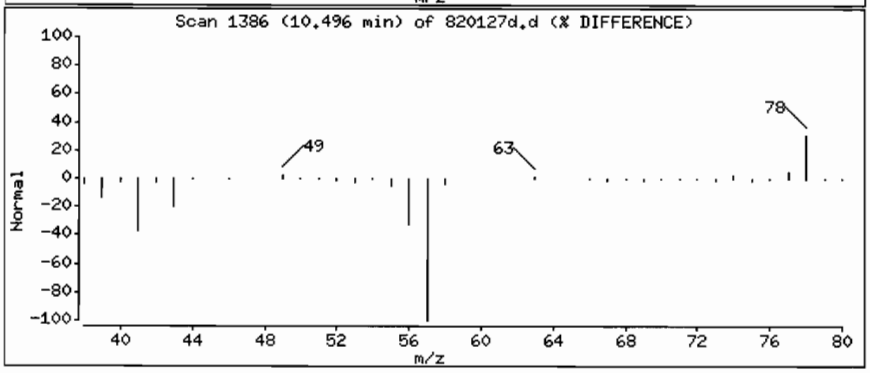












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

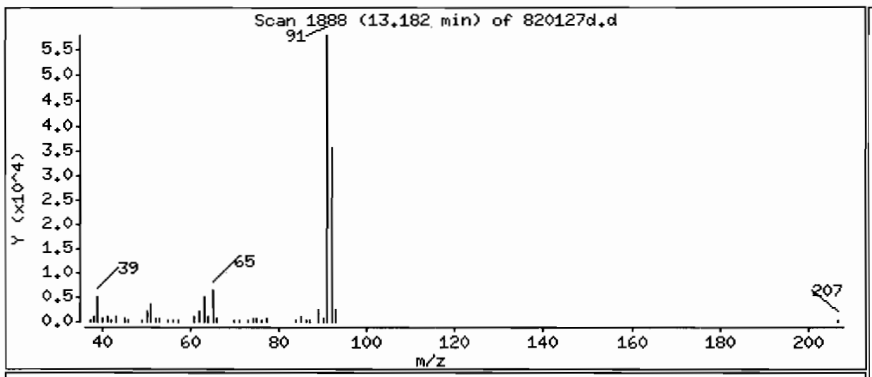
Client ID: CE-VAPOR-7 Instrument: F.i

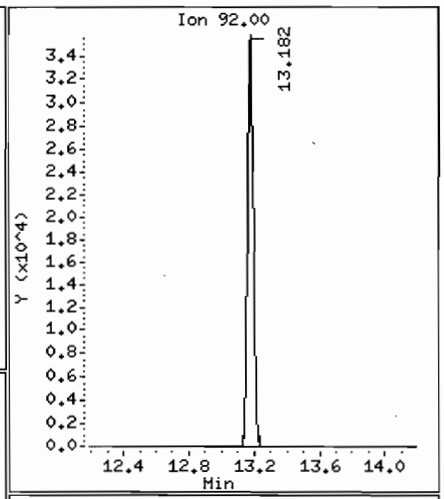
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

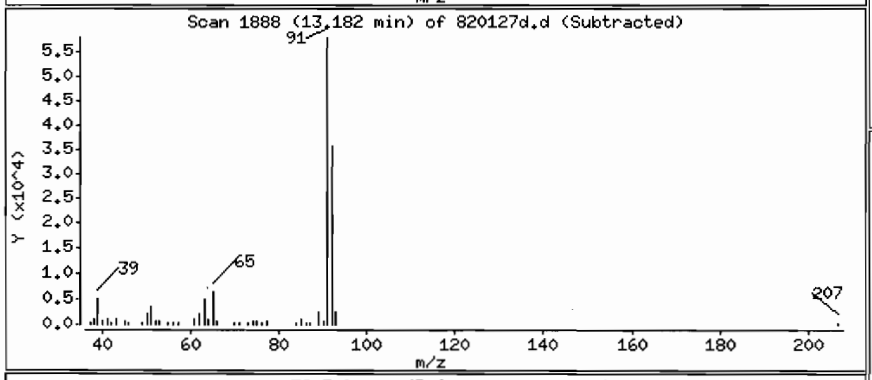
Purge Volume: 44.0 Operator: njr

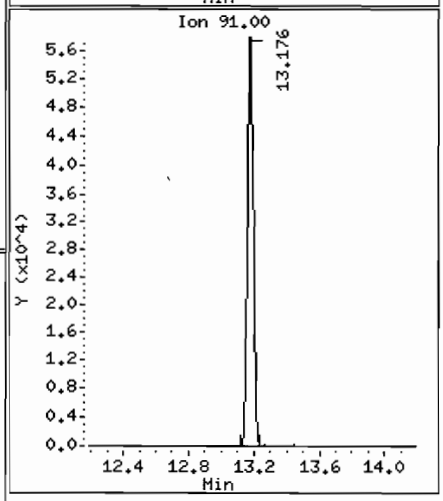
Column phase: RTX-624 Column diameter: 0.32

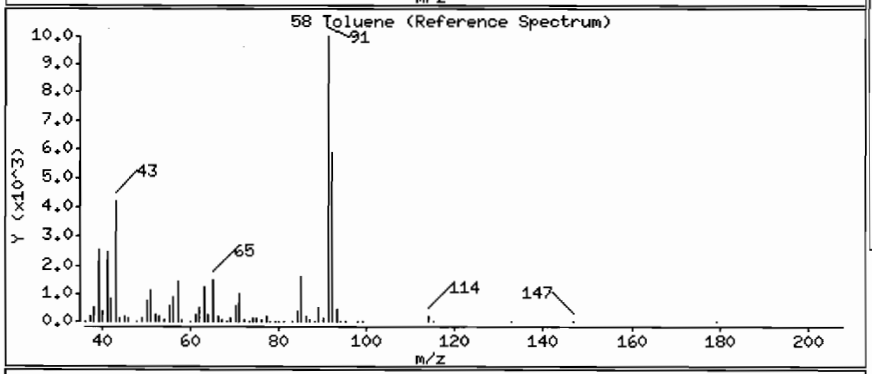
58 Toluene Concentration: 8.5 ppbv

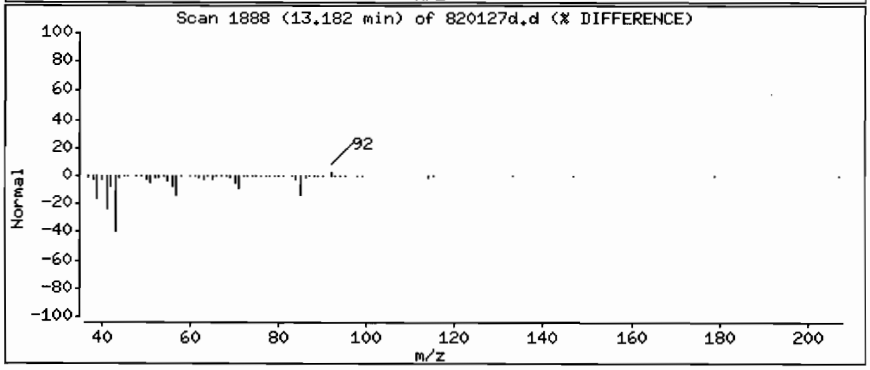












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

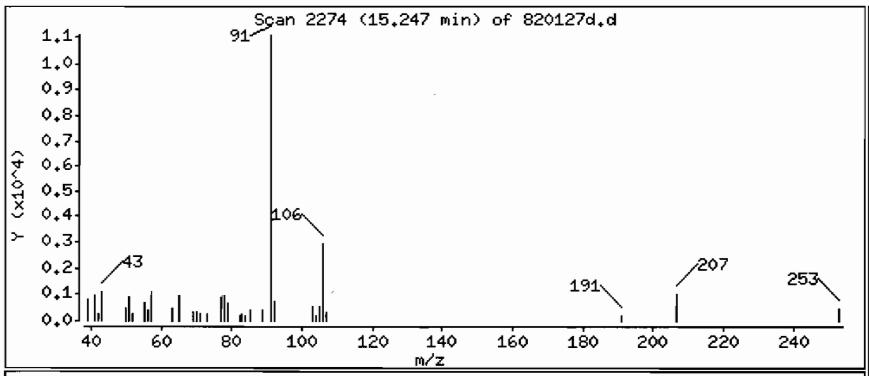
Client ID: CE-VAPOR-7 Instrument: F.i

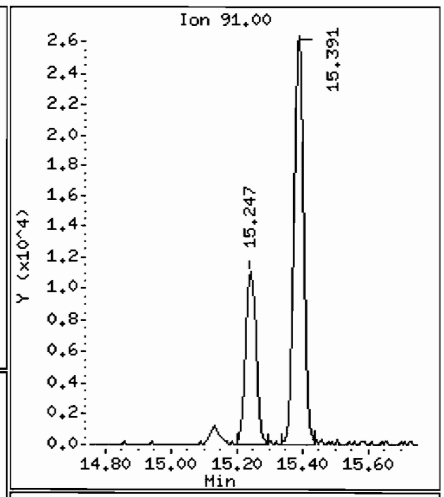
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

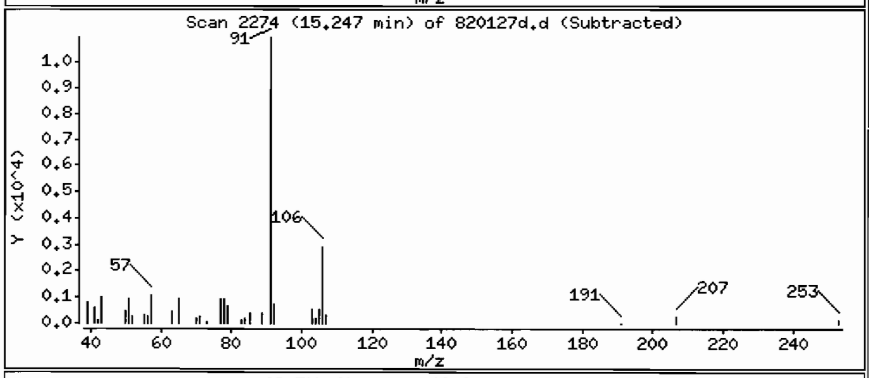
Purge Volume: 44.0 Operator: njr

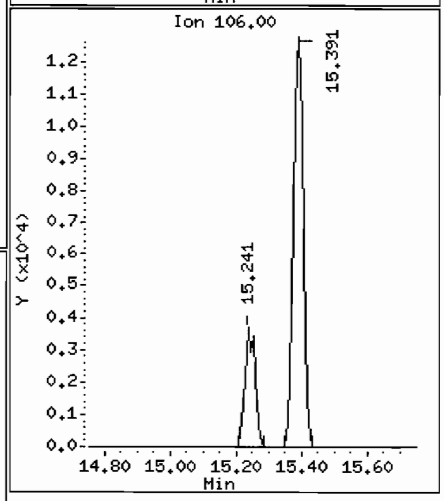
Column phase: RTX-624 Column diameter: 0.32

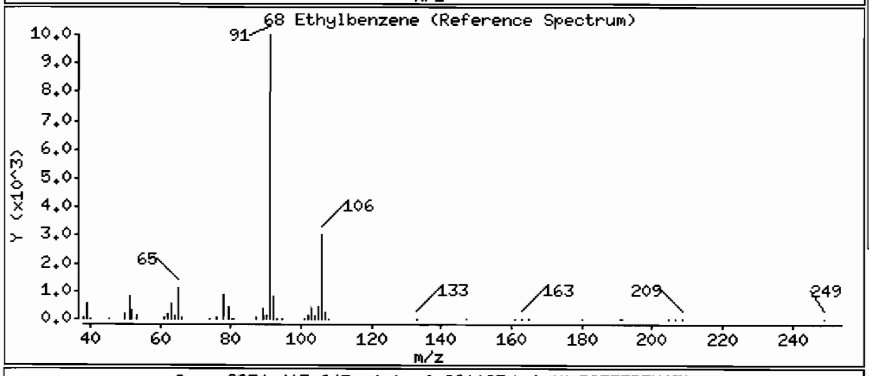
68 Ethylbenzene Concentration: 1.1 ppbv

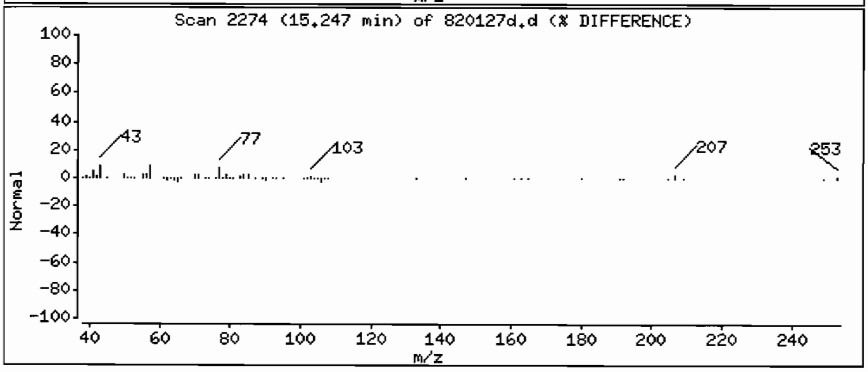












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

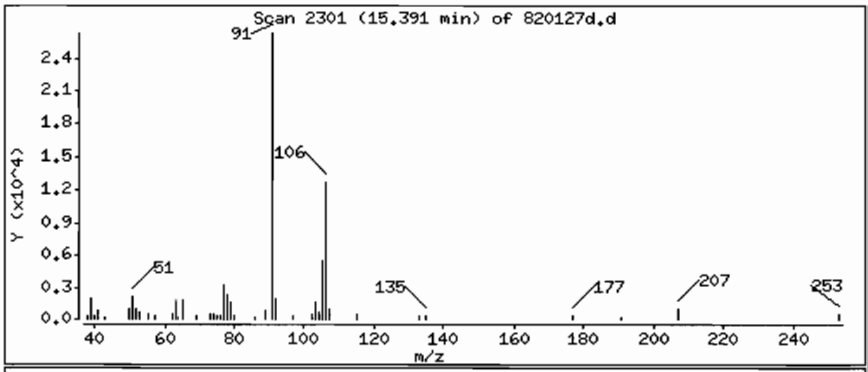
Client ID: CE-VAPOR-7 Instrument: F.i

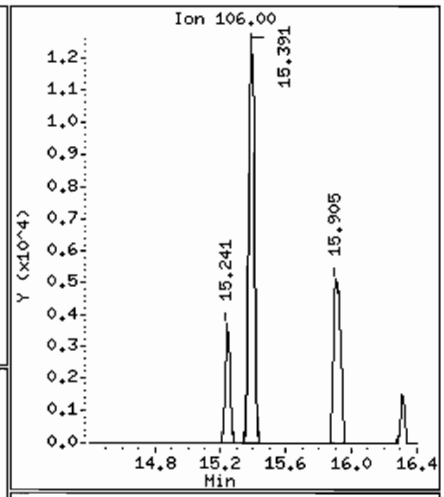
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

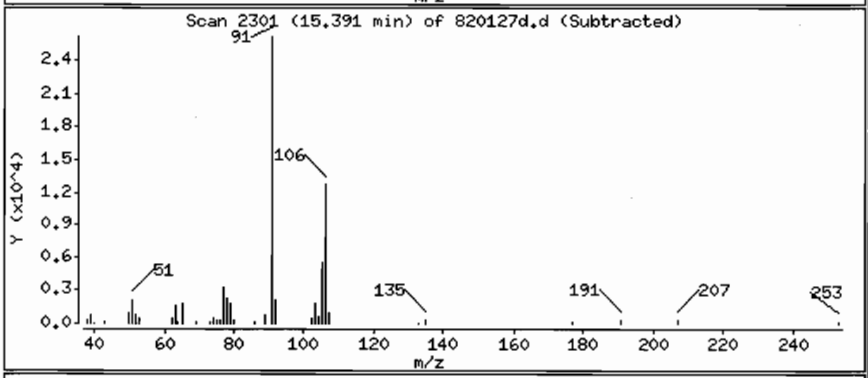
Purge Volume: 44.0 Operator: njr

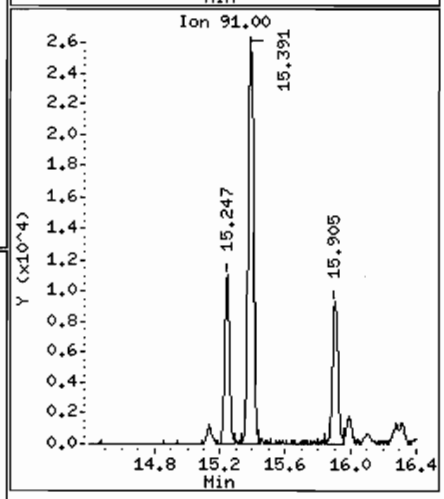
Column phase: RTX-624 Column diameter: 0.32

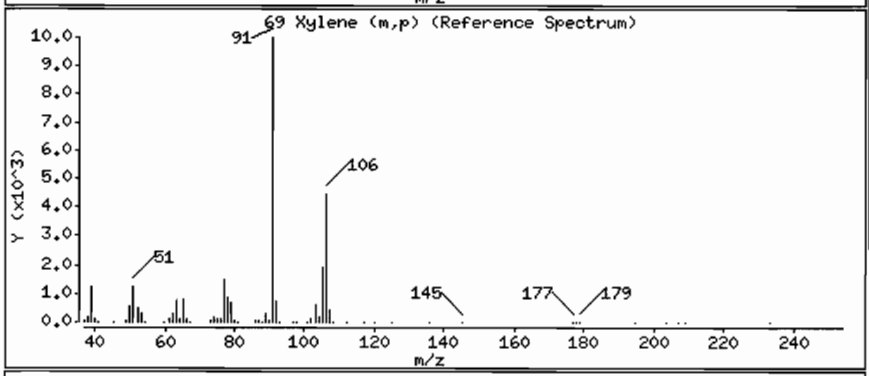
69 Xylene (m,p) Concentration: 3.1 ppbv

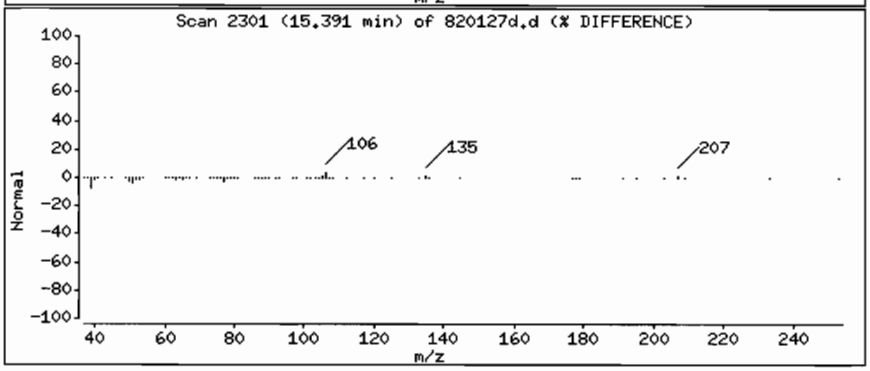












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

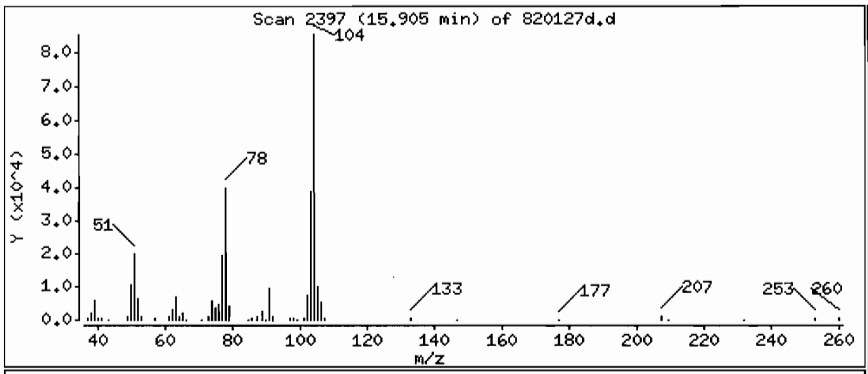
Client ID: CE-VAPOR-7 Instrument: F.i

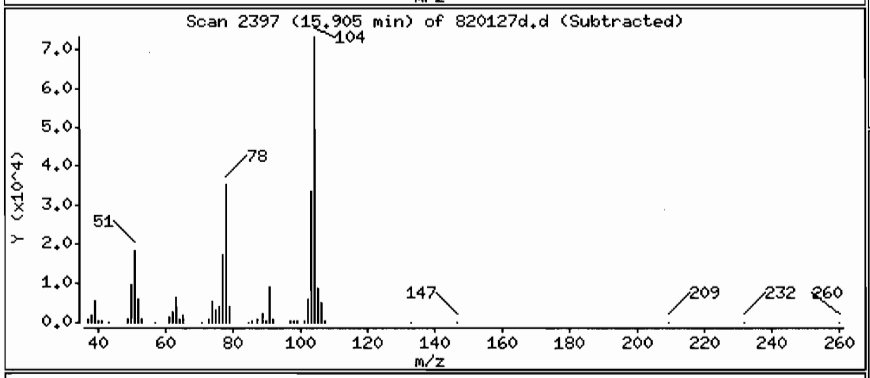
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

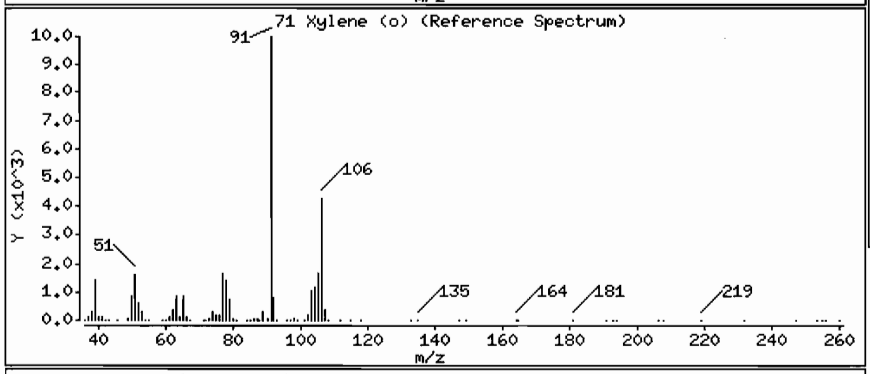
Purge Volume: 44.0 Operator: njr

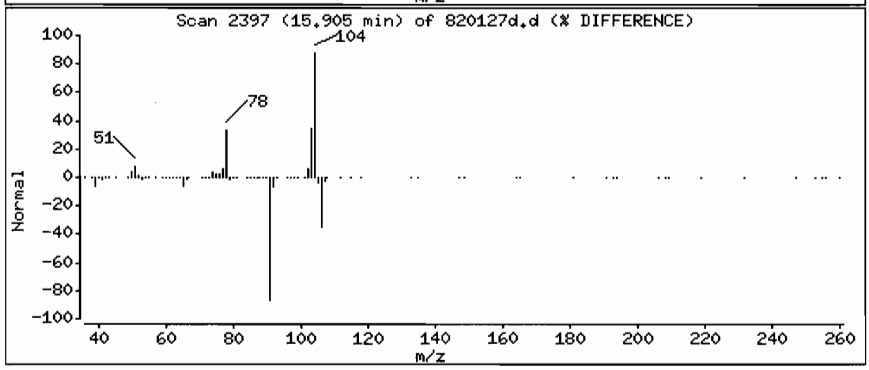
Column phase: RTX-624 Column diameter: 0.32

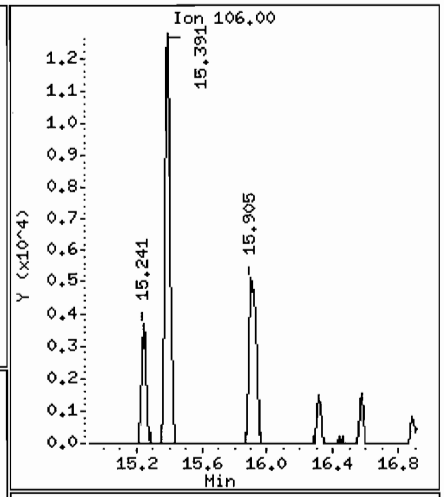
71 Xylene (o) Concentration: 1.7 ppbv

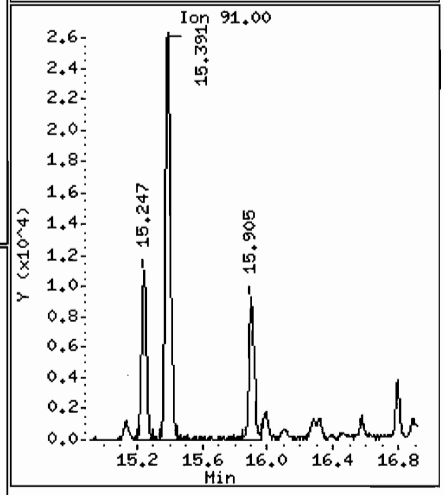












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

Client ID: CE-VAPOR-7

Instrument: F.i

Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

Purge Volume: 44.0

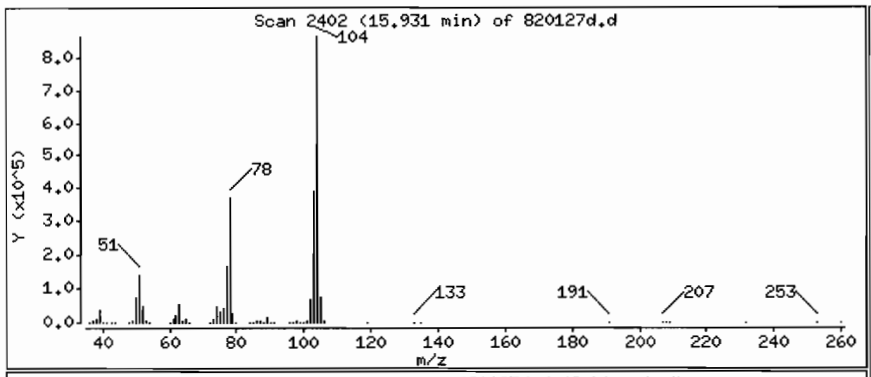
Operator: njr

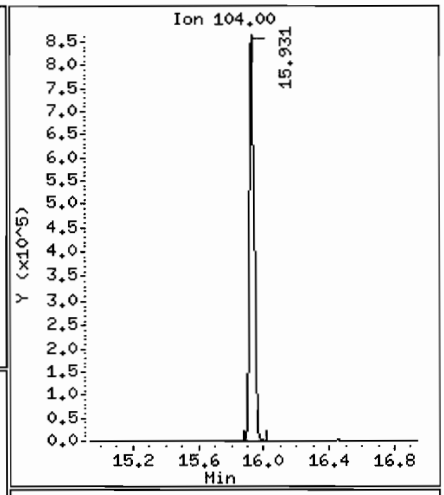
Column phase: RTX-624

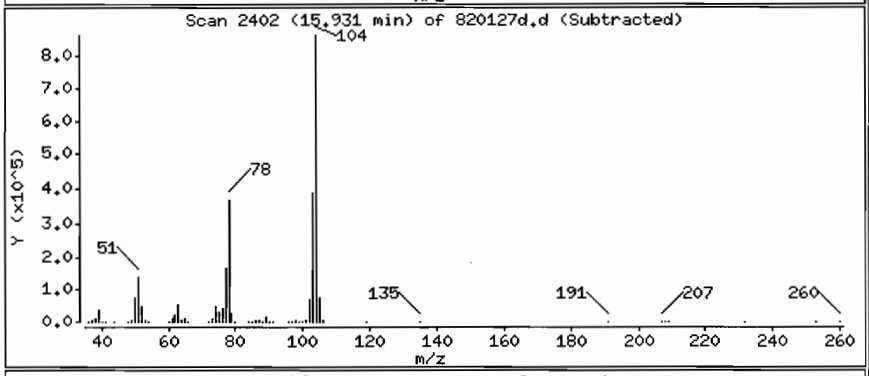
Column diameter: 0.32

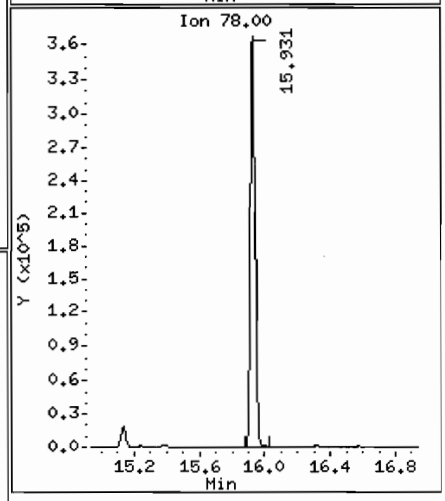
72 Styrene

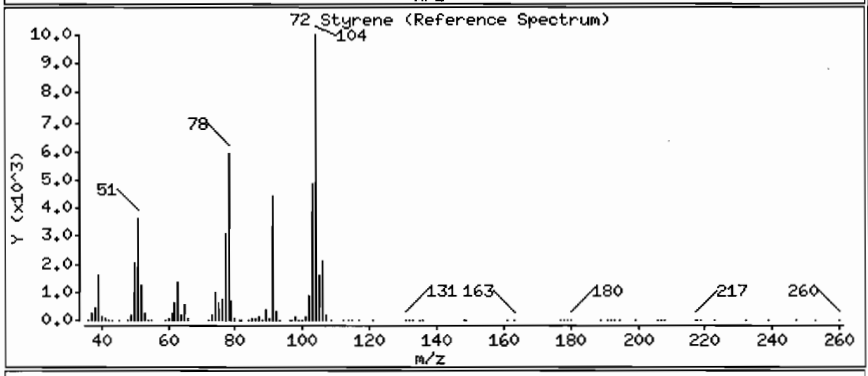
Concentration: 120 ppbv

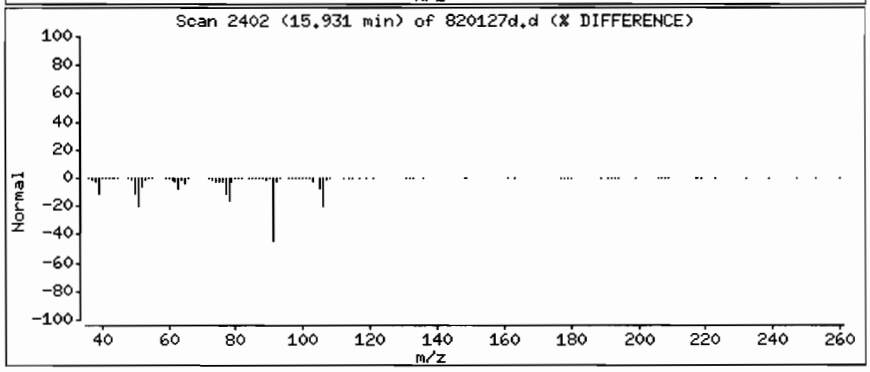












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

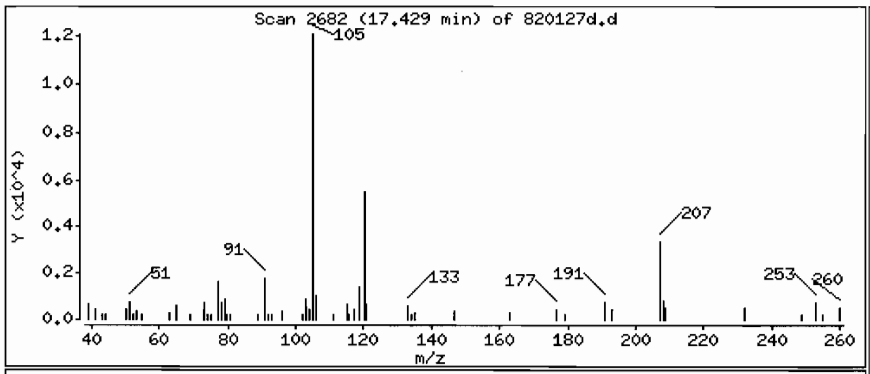
Client ID: CE-VAPOR-7 Instrument: F.i

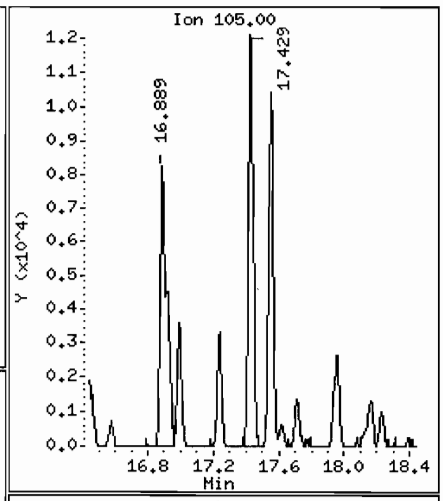
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

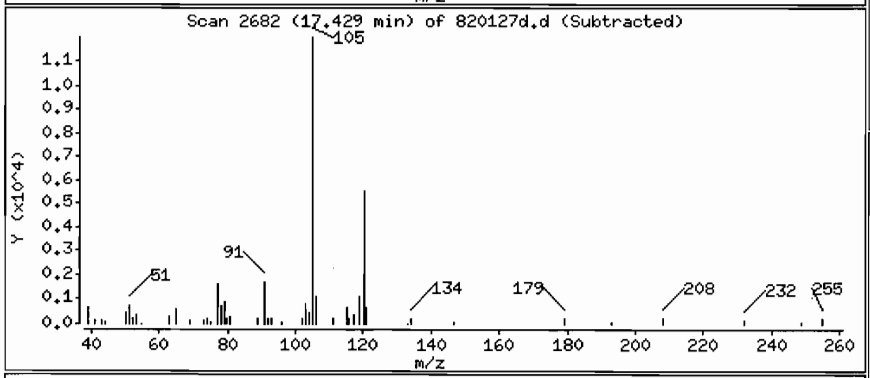
Purge Volume: 44.0 Operator: njr

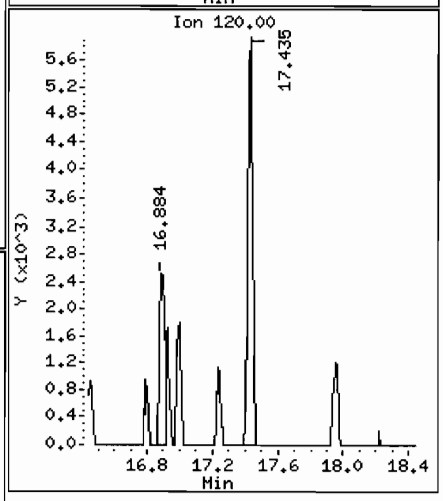
Column phase: RTX-624 Column diameter: 0.32

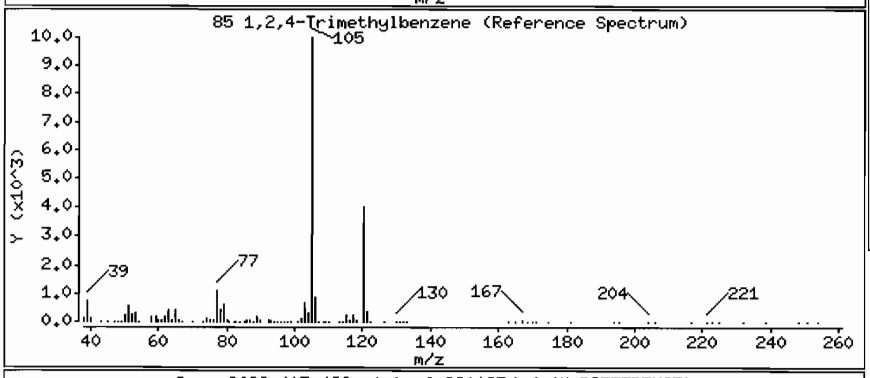
85 1,2,4-Trimethylbenzene Concentration: 1.0 ppbv

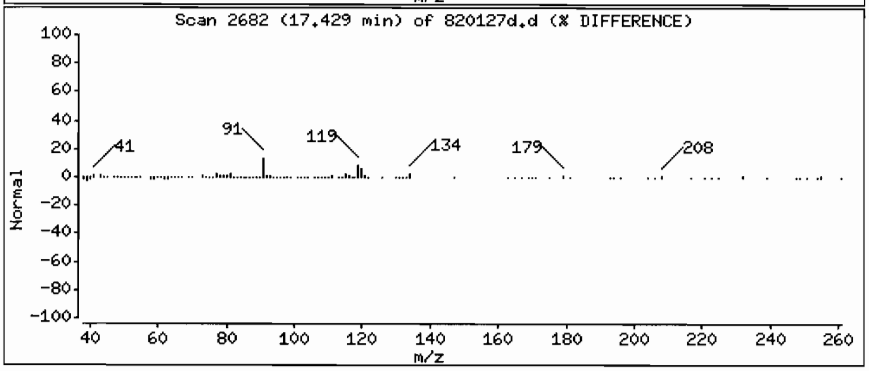












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820127d.d

Date : 17-FEB-2010 09:14

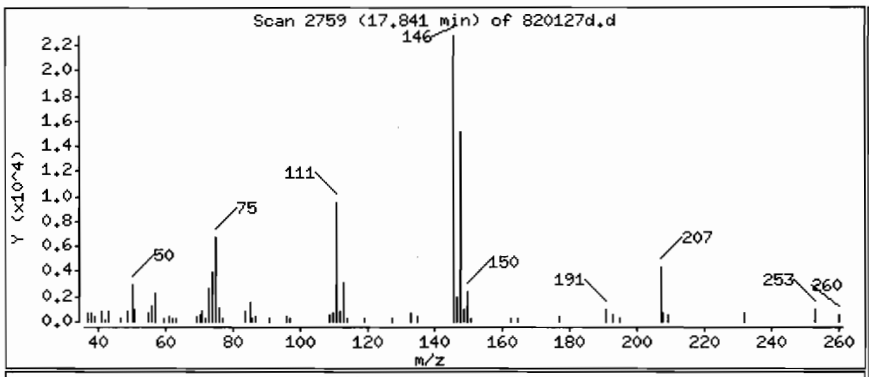
Client ID: CE-VAPOR-7 Instrument: F.i

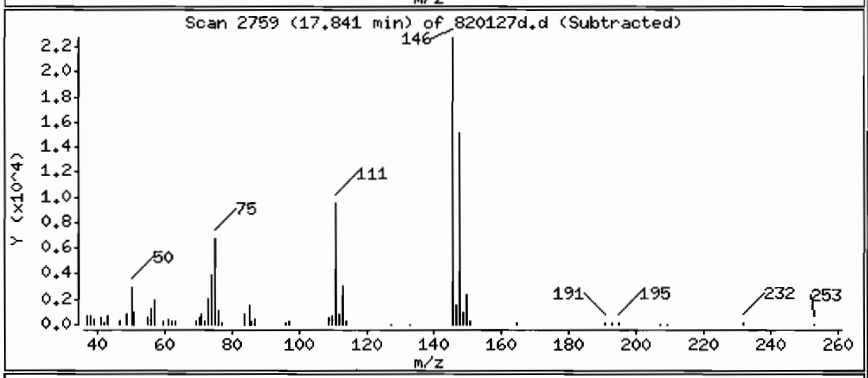
Sample Info: CE-VAPOR-7 :[ ]02/08/10 @1546(AIR)

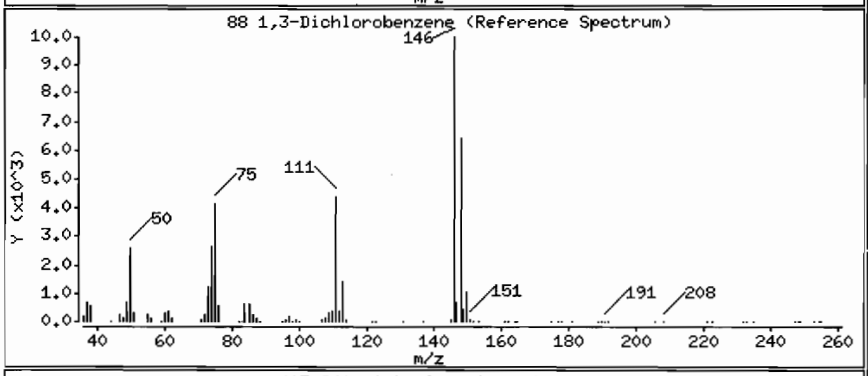
Purge Volume: 44.0 Operator: njr

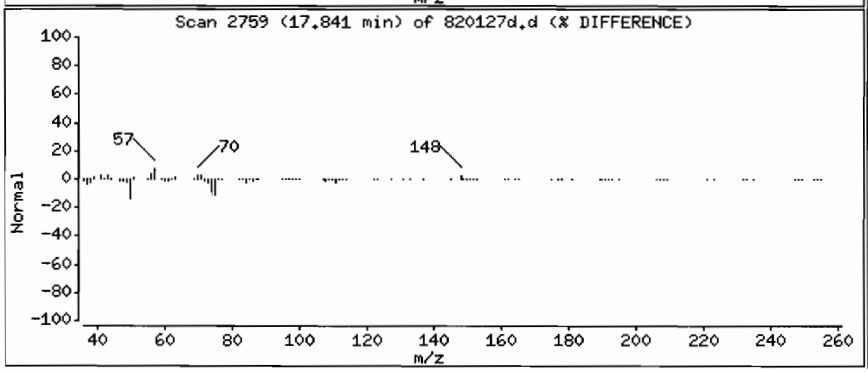
Column phase: RTX-624 Column diameter: 0.32

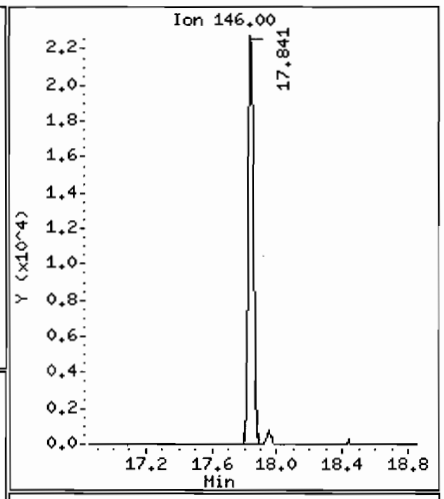
88 1,3-Dichlorobenzene Concentration: 2.6 ppbv

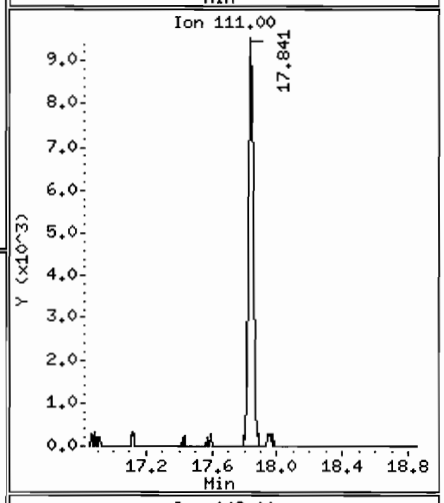


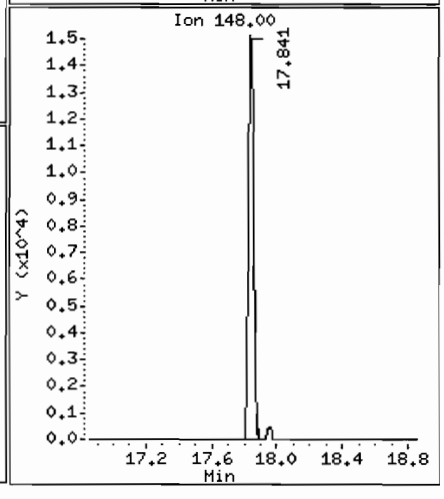












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820128

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820128

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.66	
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.25	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	32	
67-63-0	Isopropyl Alcohol	28	
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.58	
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	3.5	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.92	
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.33	
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.32	
71-43-2	Benzene	0.54	
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.45	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

AKRF1 SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: 820128

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 820128

Level: (low/med) LOW Date Received: 02/10/10

% Moisture: not dec. _____ Date Analyzed: 02/17/10

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

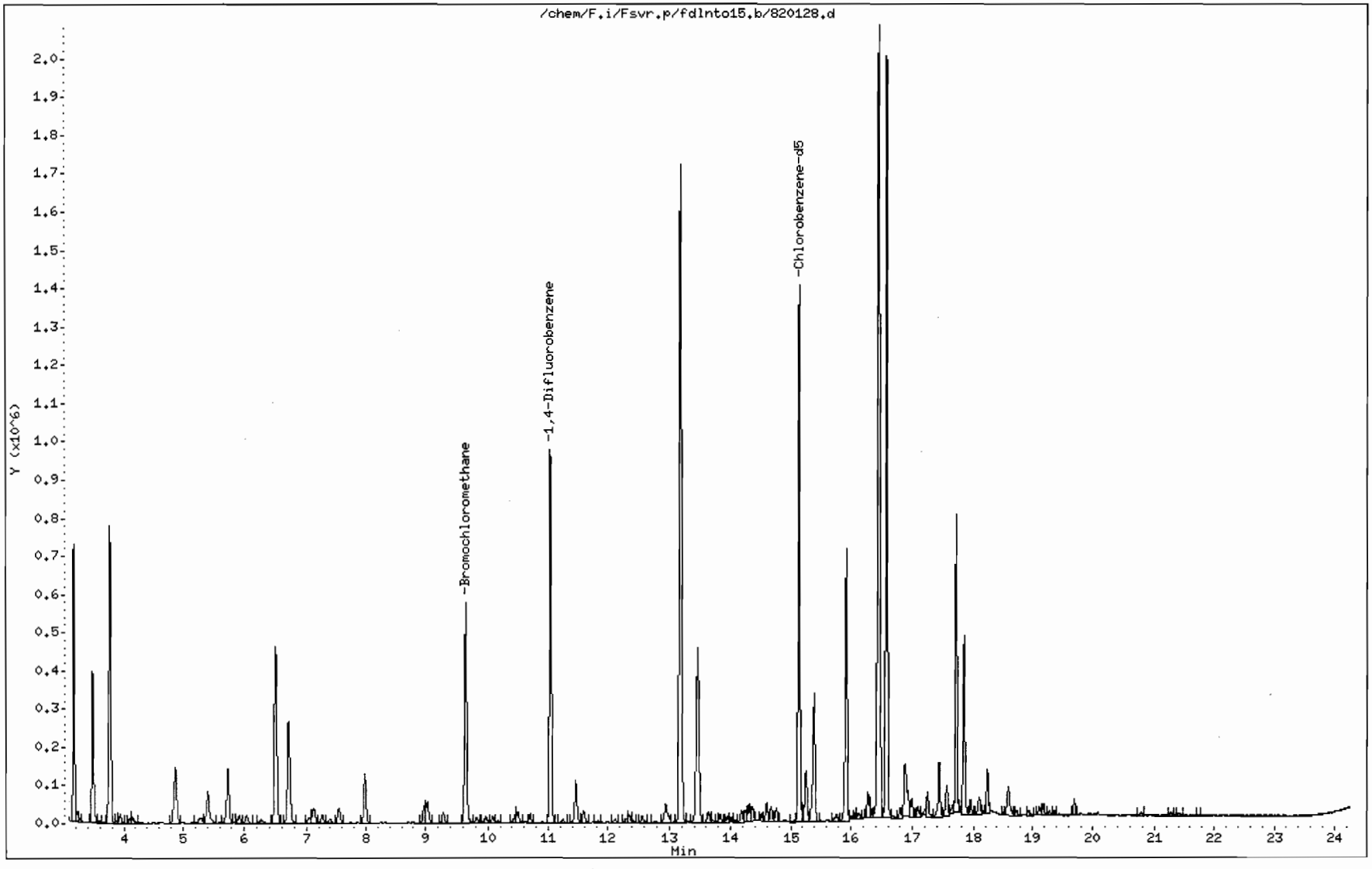
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.83	
1330-20-7	Xylene (m,p)	2.8	
95-47-6	Xylene (o)	0.88	
1330-20-7	Xylenes, Total	3.7	
100-42-5	Styrene	6.7	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.26	
108-67-8	1,3,5-Trimethylbenzene	0.24	
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.80	
541-73-1	1,3-Dichlorobenzene	2.5	
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d
Date : 17-FEB-2010 04:27
Client ID: CE-VAPOR-8
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/820128.d
Lab Smp Id: 820128 Client Smp ID: CE-VAPOR-8
Inj Date : 17-FEB-2010 04:27
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)
Misc Info : 820128;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	3.590	3.595	(0.372)	7371	0.65960	0.66
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.280	5.291	(0.548)	18364	0.25454	0.25(Q)
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.494	6.516	(0.674)	839502	31.9920	32
22 Isopropyl Alcohol	45	6.708	6.719	(0.696)	506599	27.5284	28
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
25	Methylene chloride	49	7.265	7.281	(0.754)	10154	0.57615	0.58(Q)
26	tert-Butyl Alcohol	59	Compound Not Detected.					
27	Methyl tert-Butyl Ether	73	Compound Not Detected.					
28	trans-1,2-Dichloroethene	61	Compound Not Detected.					
30	n-Hexane	57	7.982	7.993	(0.828)	93665	3.47920	3.5
31	1,1-Dichloroethane	63	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.282	9.293	(0.963)	8902	0.92479	0.92(Q)
34	cis-1,2-Dichloroethene	96	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
* 37	Bromochloromethane	128	9.640	9.656	(1.000)	231757	10.0000	(Q)
39	Chloroform	83	Compound Not Detected.					
38	Tetrahydrofuran	42	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
40	Cyclohexane	84	9.966	9.983	(0.903)	8499	0.32848	0.33(Q)
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	10.448	10.459	(0.947)	25049	0.31975	0.32
44	Benzene	78	10.491	10.502	(0.951)	32407	0.54129	0.54
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	10.694	10.705	(0.969)	12351	0.45275	0.45(Q)
* 47	1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1098906	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	cis-1,3-Dichloropropene	75	Compound Not Detected.					
56	Methyl Isobutyl Ketone	43	Compound Not Detected.					
58	Toluene	92	13.182	13.187	(0.871)	1027732	21.4139	21
59	trans-1,3-Dichloropropene	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					
62	Methyl Butyl Ketone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.134	15.145	(1.000)	1043122	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	15.247	15.252	(1.007)	88622	0.83396	0.83
69	Xylene (m,p)	106	15.391	15.402	(1.017)	120958	2.78826	2.8
71	Xylene (o)	106	15.905	15.915	(1.051)	37183	0.87867	0.88
M 70	Xylenes, Total	106				158141	3.73703	3.7
72	Styrene	104	15.931	15.937	(1.053)	419417	6.70826	6.7
73	Bromoform	173	Compound Not Detected.					
76	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
80	4-Ethyltoluene	105	16.921	16.932	(1.118)	35331	0.26476	0.26(Q)
82	1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	26144	0.23758	0.24
81	2-Chlorotoluene	91	Compound Not Detected.					
85	1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	90512	0.79758	0.80
88	1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	215135	2.52430	2.5
89	1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

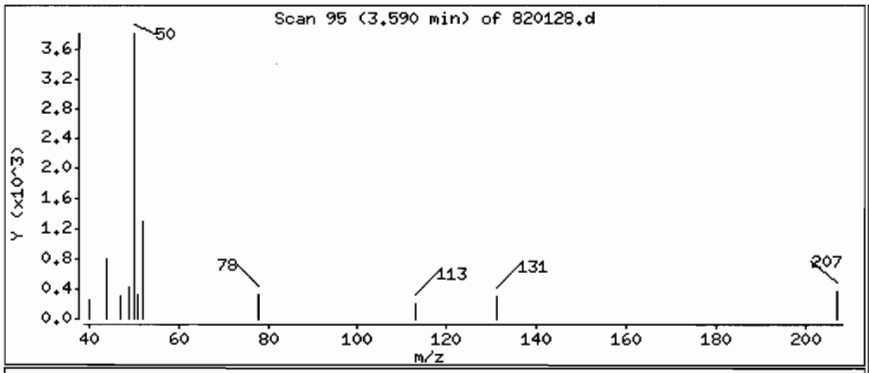
Client ID: CE-VAPOR-8 Instrument: F.i

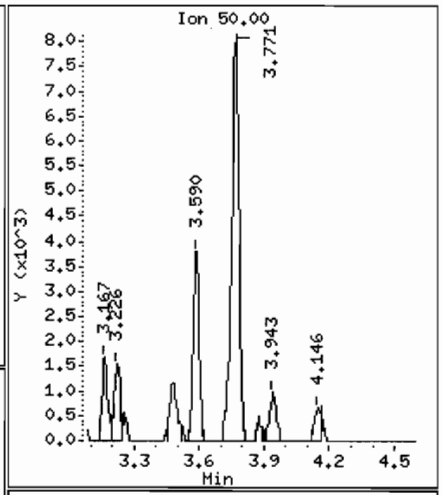
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

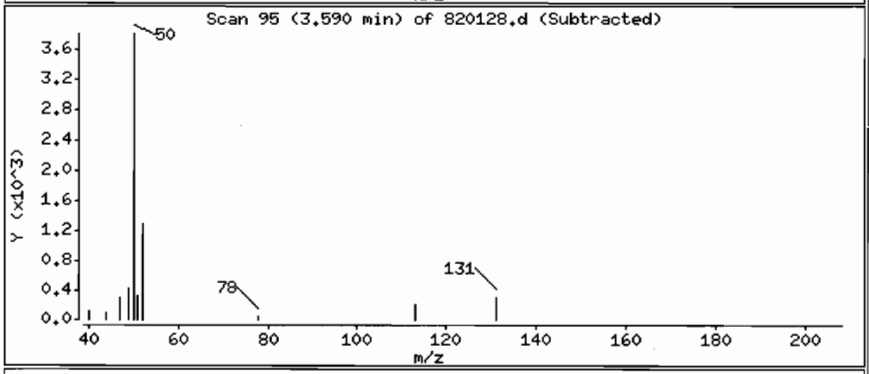
Purge Volume: 200.0 Operator: wrd

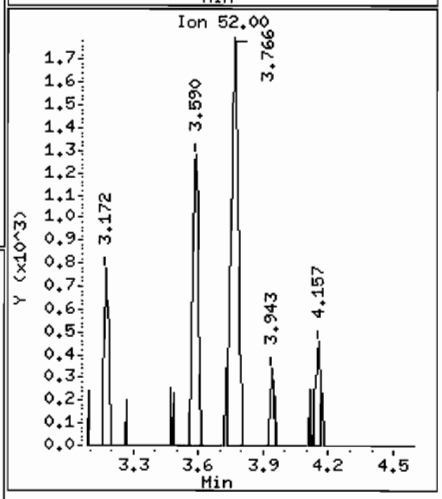
Column phase: RTX-624 Column diameter: 0.32

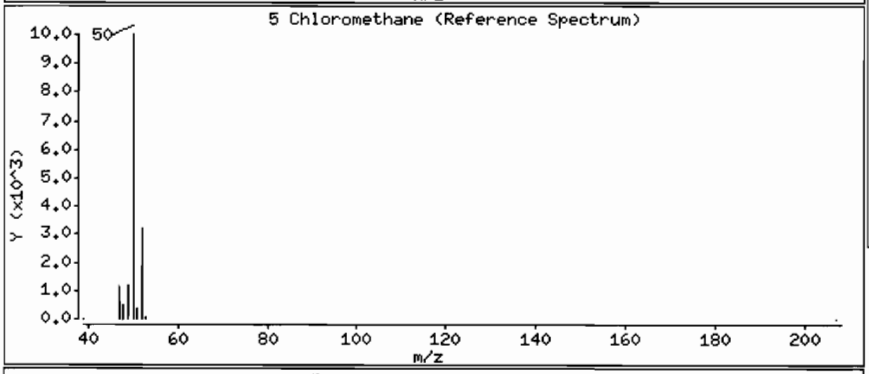
5 Chloromethane Concentration: 0.66 ppbv

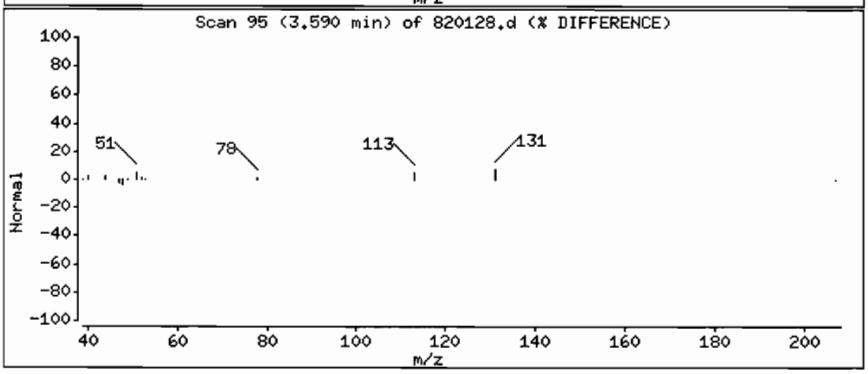












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

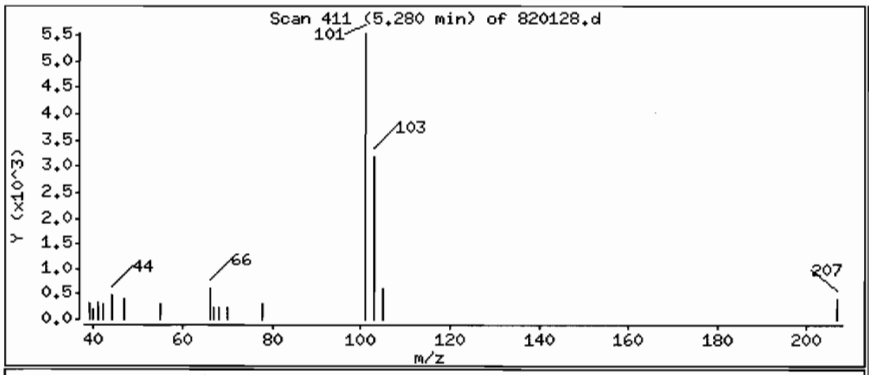
Client ID: CE-VAPOR-8 Instrument: F.i

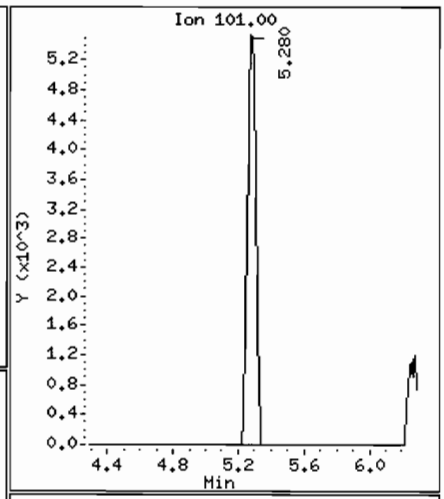
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

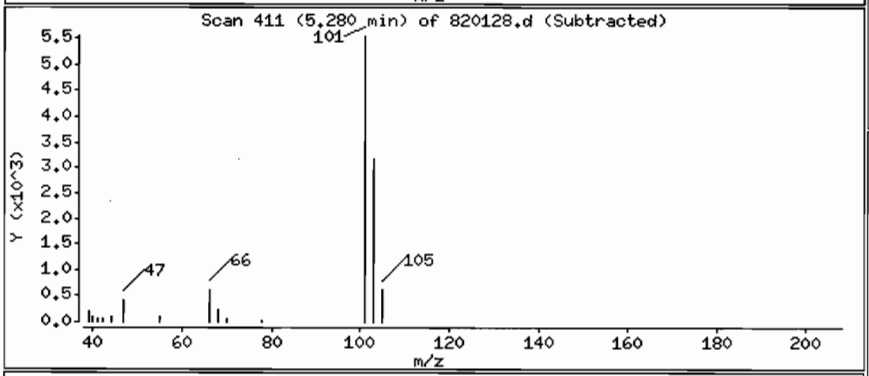
Purge Volume: 200.0 Operator: wrd

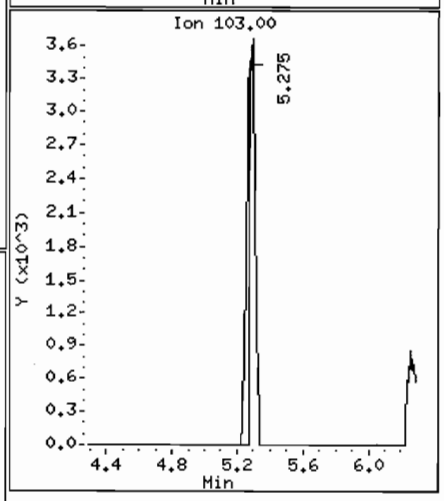
Column phase: RTX-624 Column diameter: 0.32

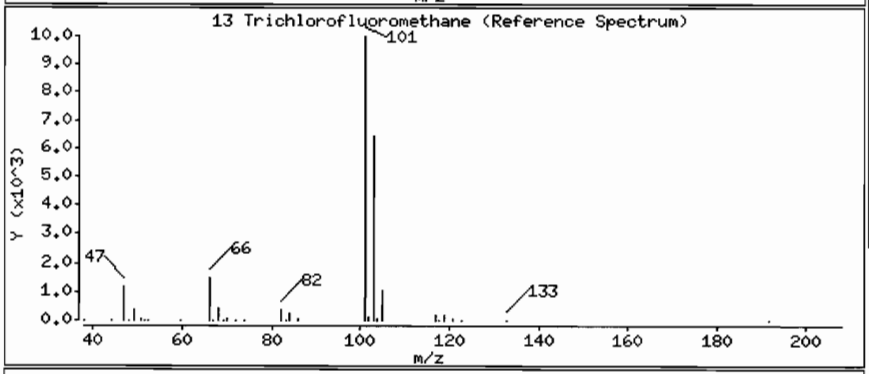
13 Trichlorofluoromethane Concentration: 0.25 ppbv

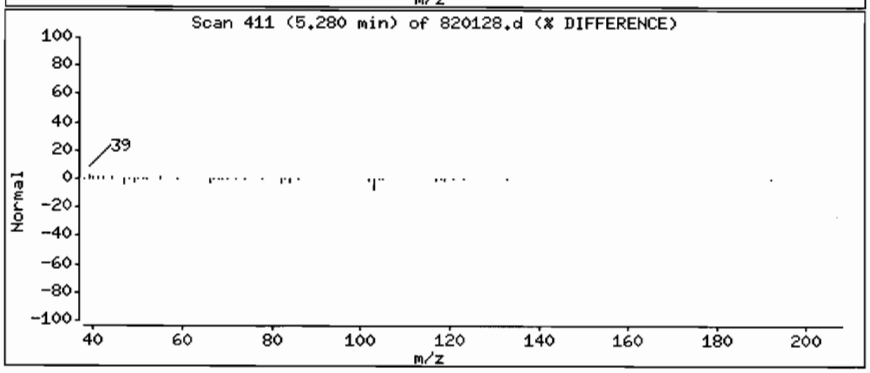












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

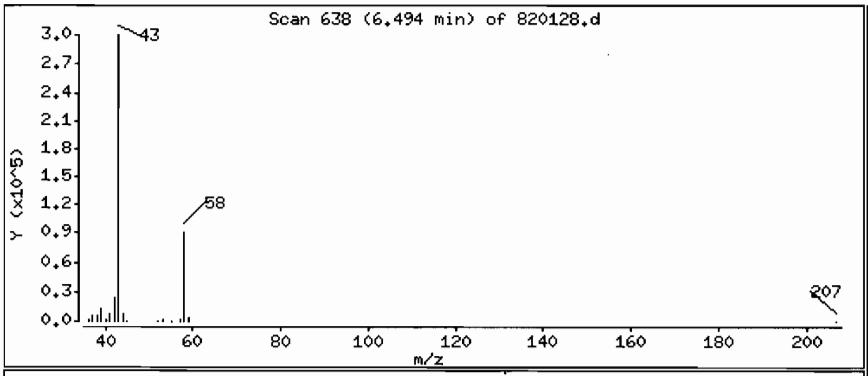
Client ID: CE-VAPOR-8 Instrument: F.i

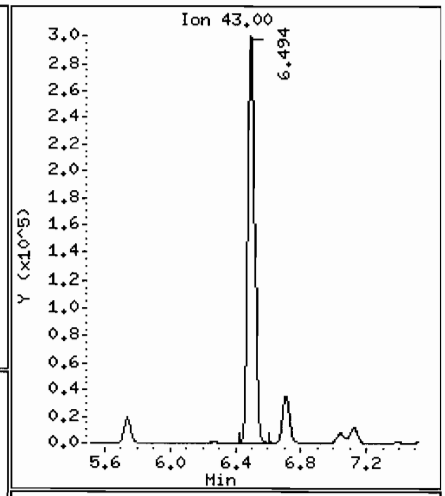
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

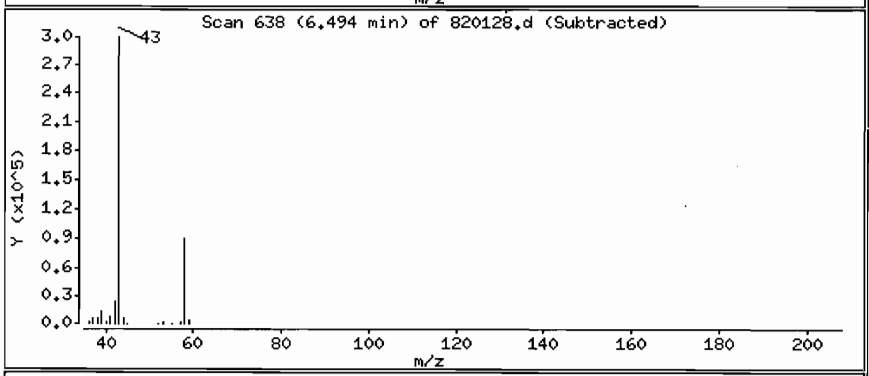
Purge Volume: 200.0 Operator: wrd

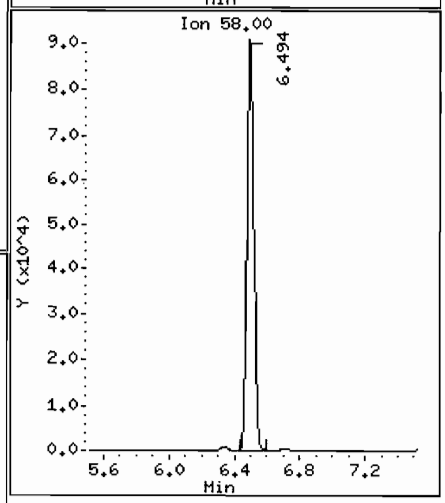
Column phase: RTX-624 Column diameter: 0.32

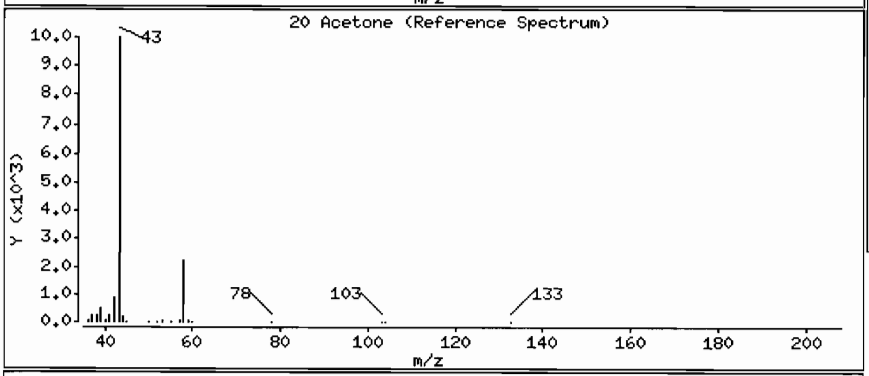
20 Acetone Concentration: 32 ppbv

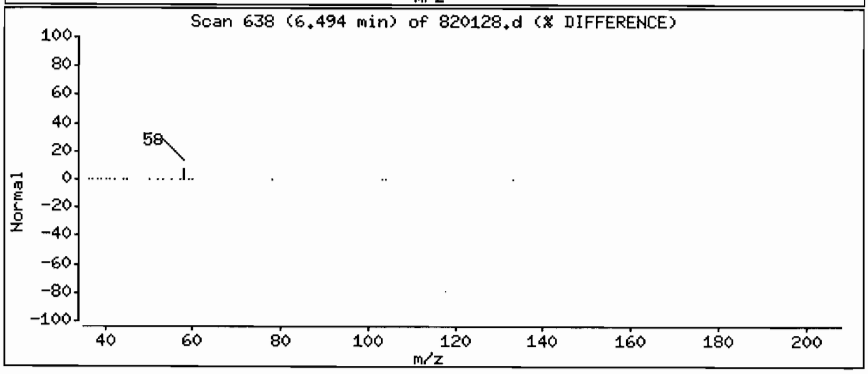












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

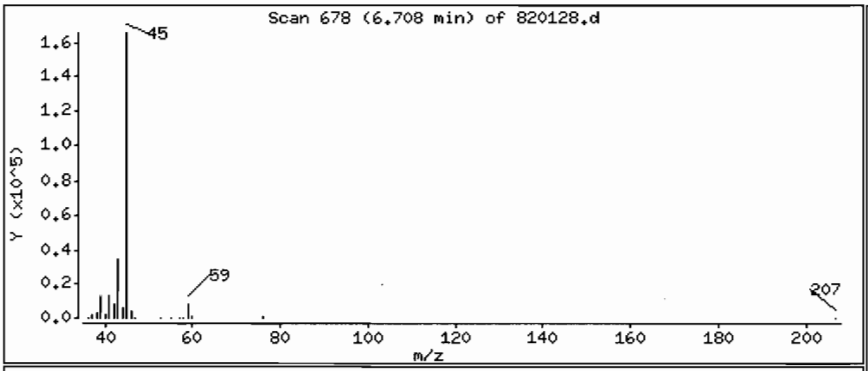
Client ID: CE-VAPOR-8 Instrument: F.i

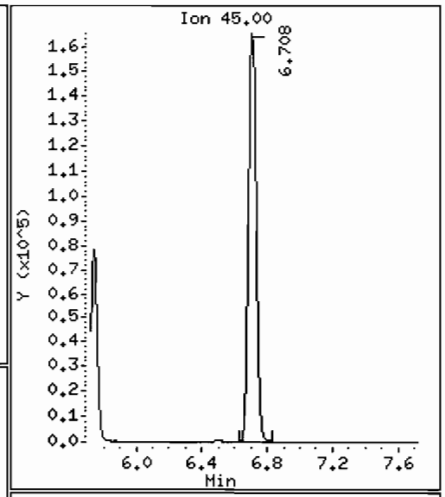
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

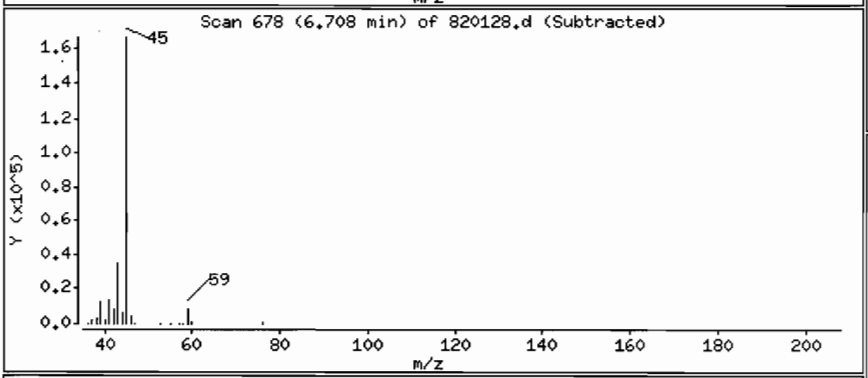
Purge Volume: 200.0 Operator: wrd

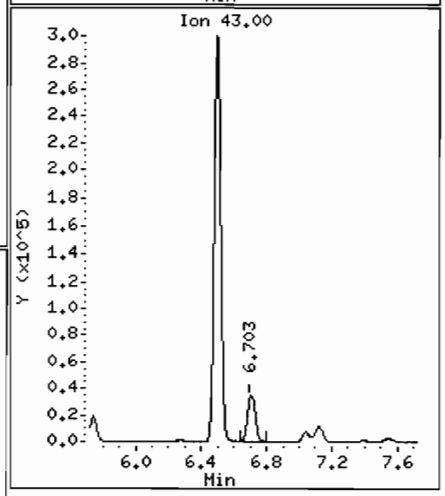
Column phase: RTX-624 Column diameter: 0.32

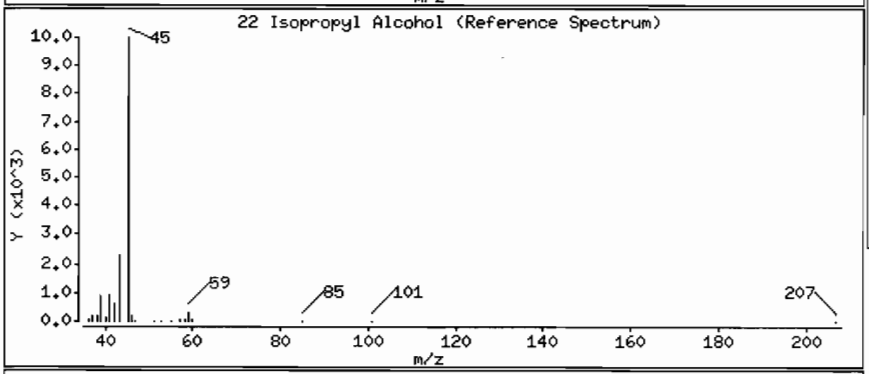
22 Isopropyl Alcohol Concentration: 28 ppbv

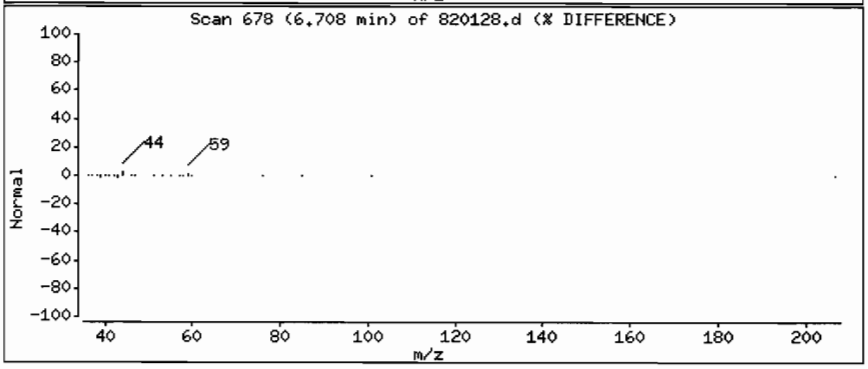












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

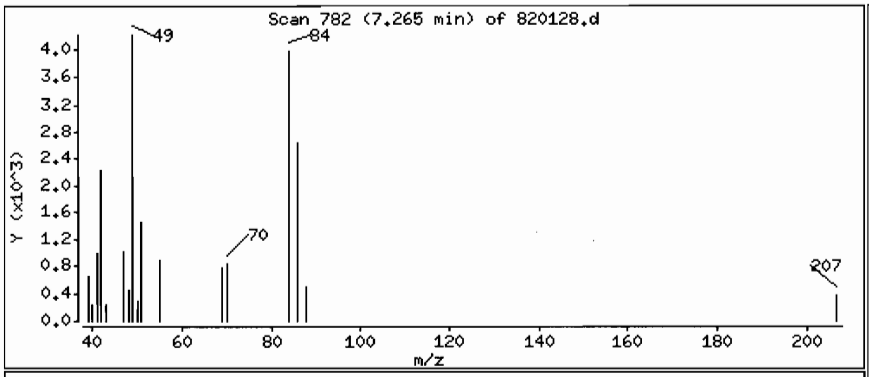
Client ID: CE-VAPOR-8 Instrument: F.i

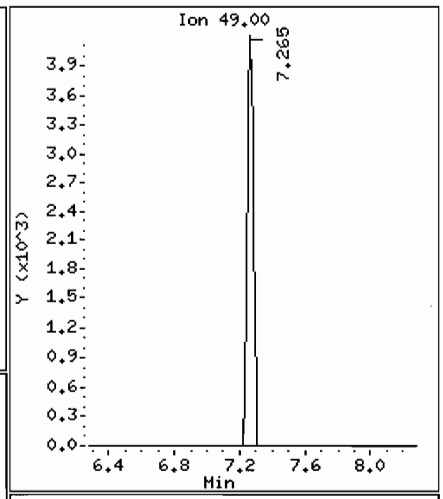
Sample Info: CE-VAPOR-8 :[J02/08/10 @1546(AIR)

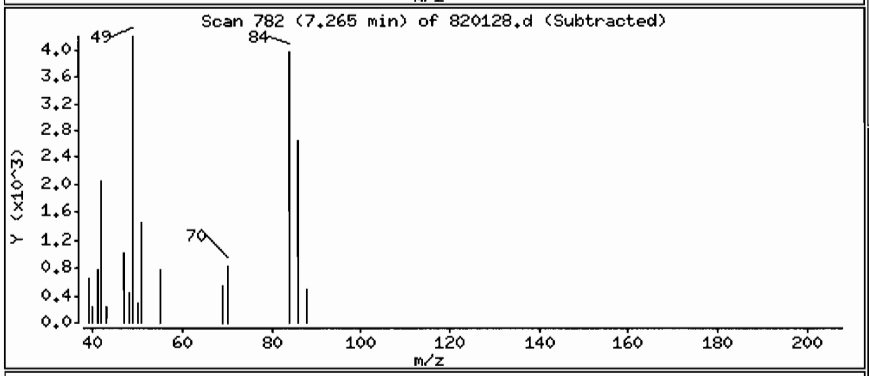
Purge Volume: 200.0 Operator: wrd

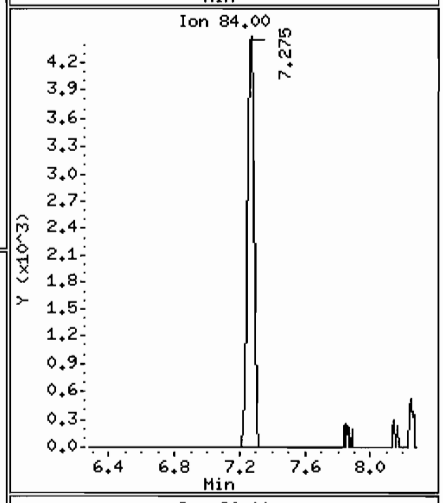
Column phase: RTX-624 Column diameter: 0.32

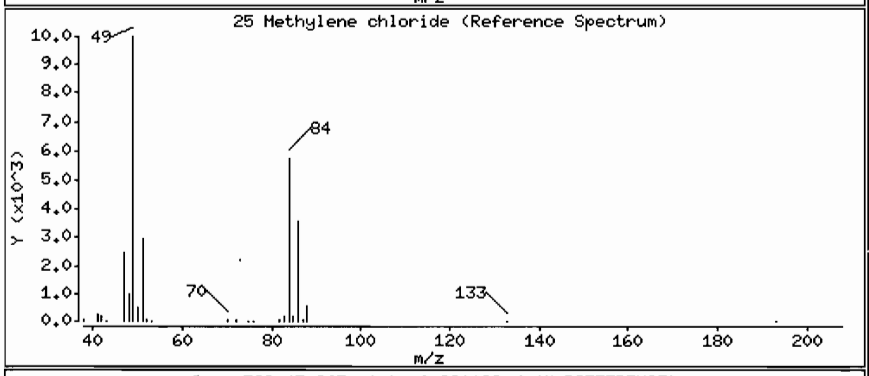
25 Methylene chloride Concentration: 0.58 ppbv

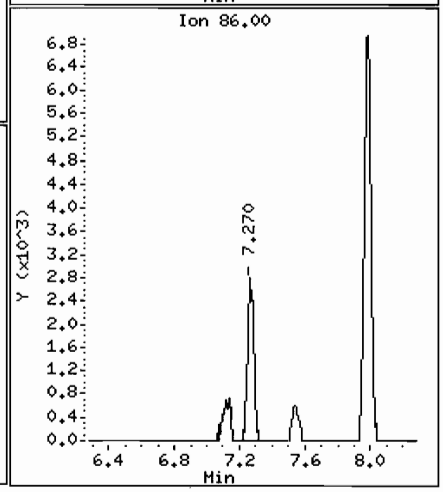


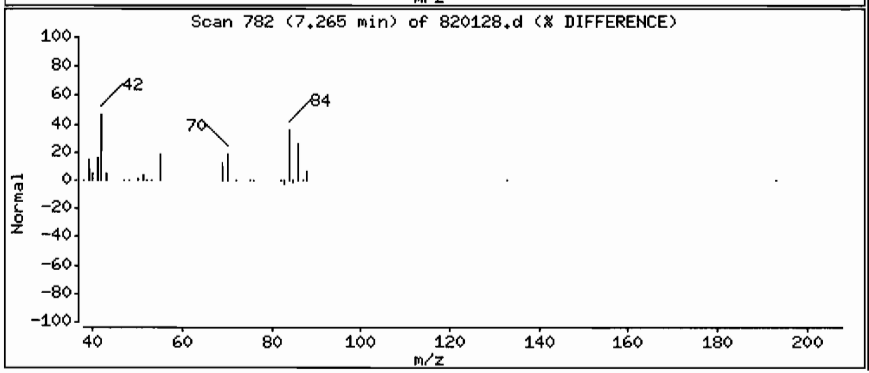












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

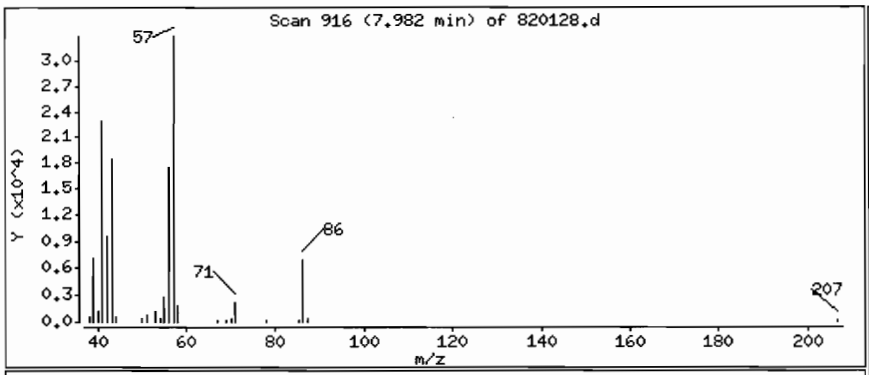
Client ID: CE-VAPOR-8 Instrument: F.i

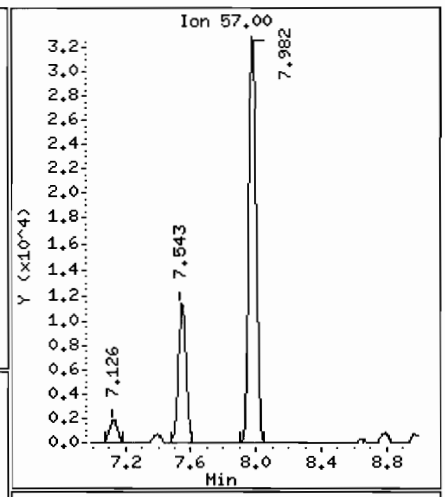
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

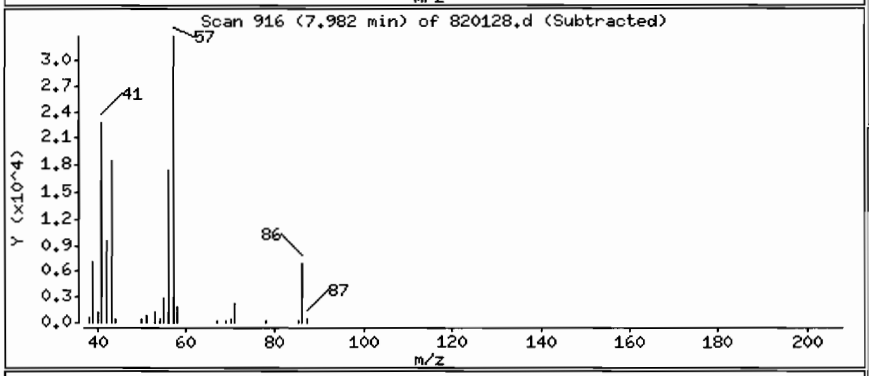
Purge Volume: 200.0 Operator: wrd

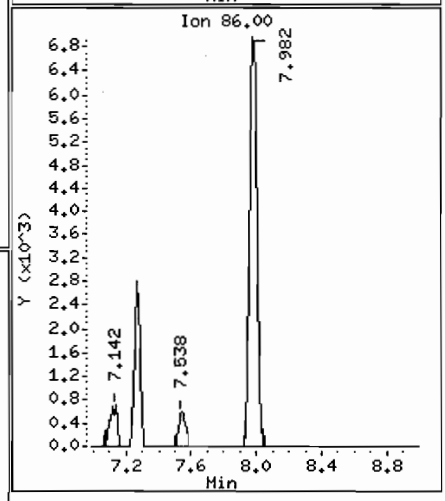
Column phase: RTX-624 Column diameter: 0.32

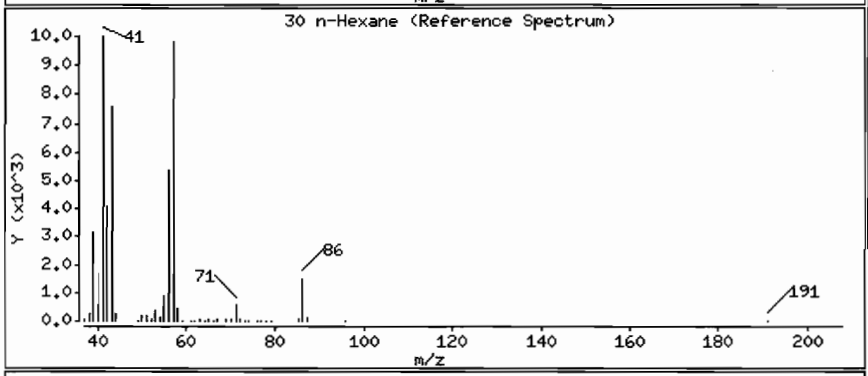
30 n-Hexane Concentration: 3.5 ppbv

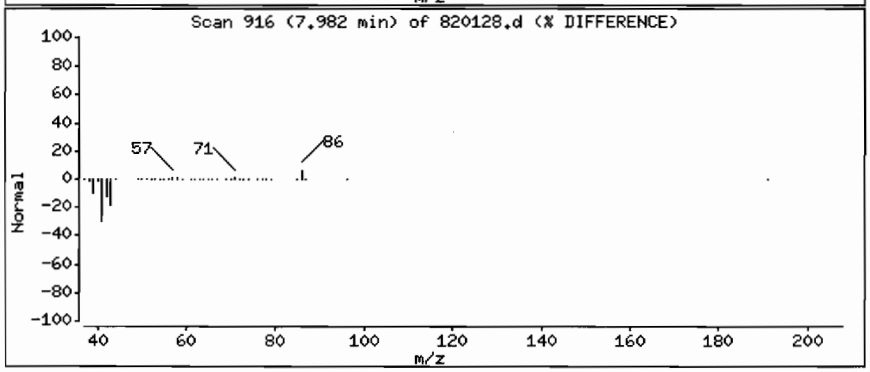












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

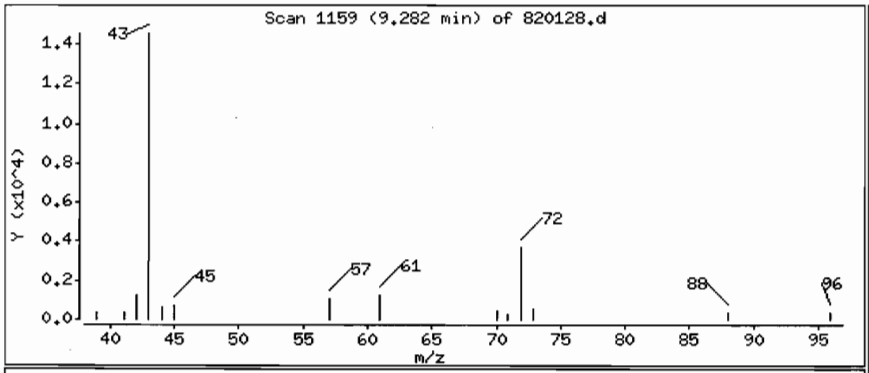
Client ID: CE-VAPOR-8 Instrument: F.i

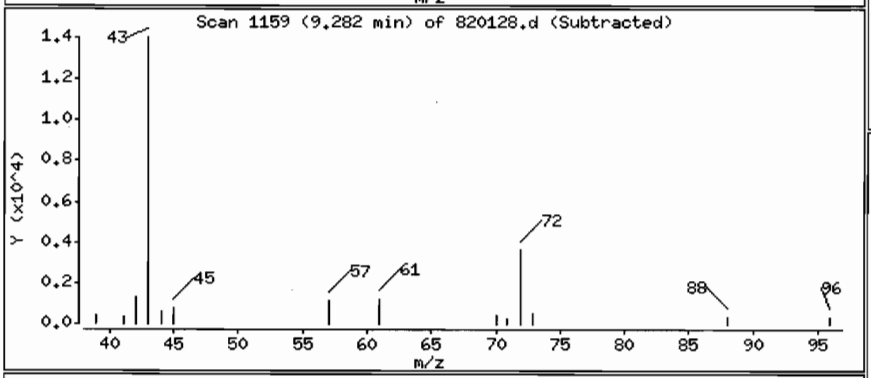
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

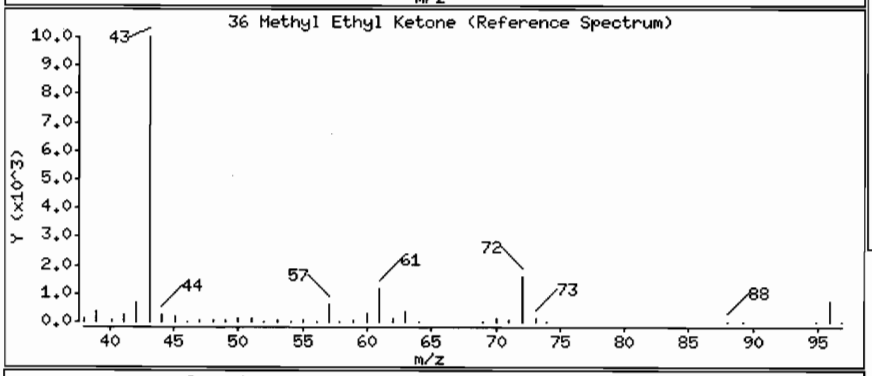
Purge Volume: 200.0 Operator: wrd

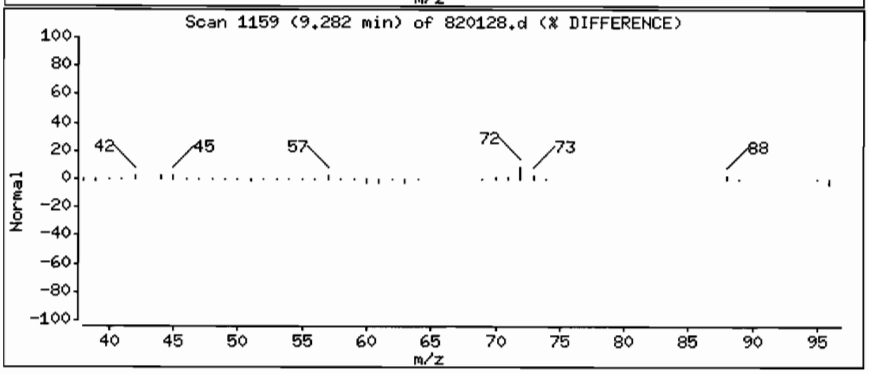
Column phase: RTX-624 Column diameter: 0.32

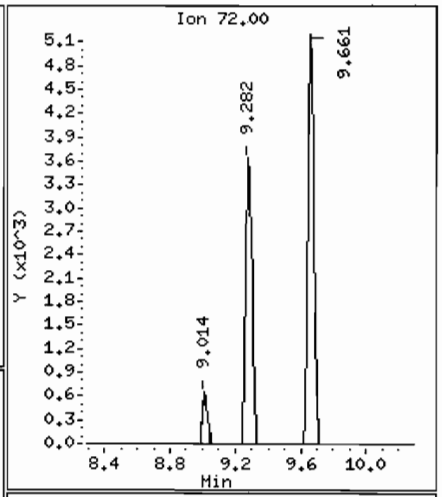
36 Methyl Ethyl Ketone Concentration: 0.92 ppbv

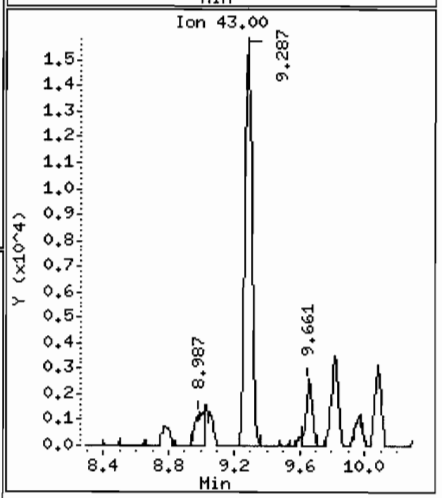












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

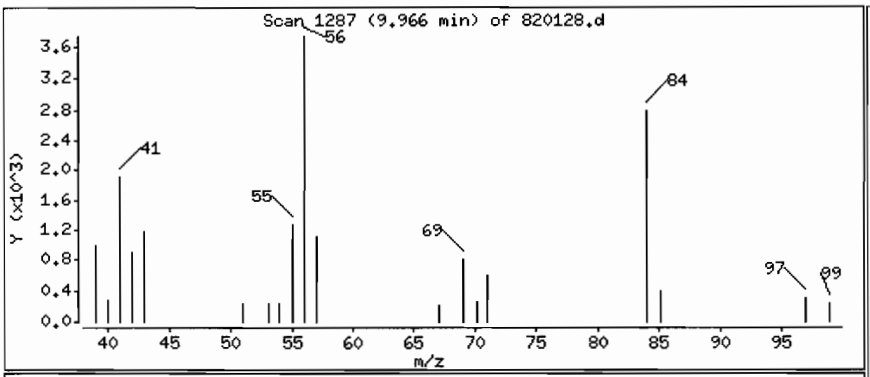
Client ID: CE-VAPOR-8 Instrument: F.i

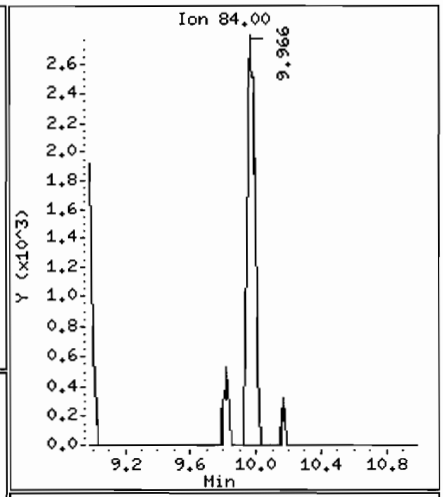
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

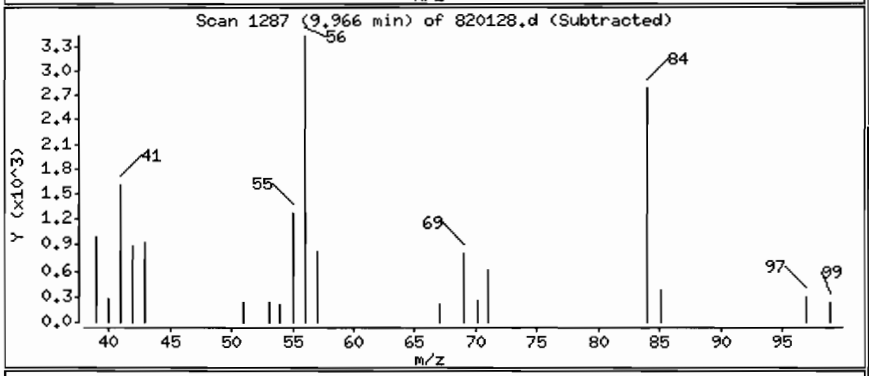
Purge Volume: 200.0 Operator: wrd

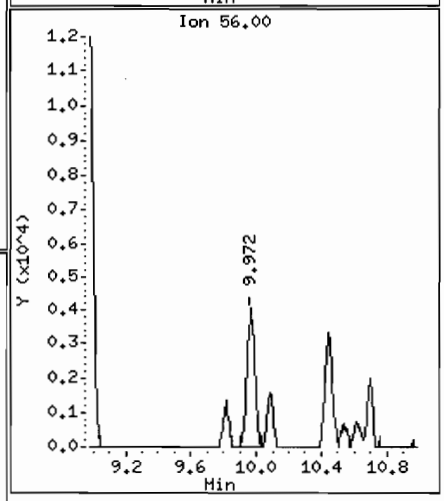
Column phase: RTX-624 Column diameter: 0.32

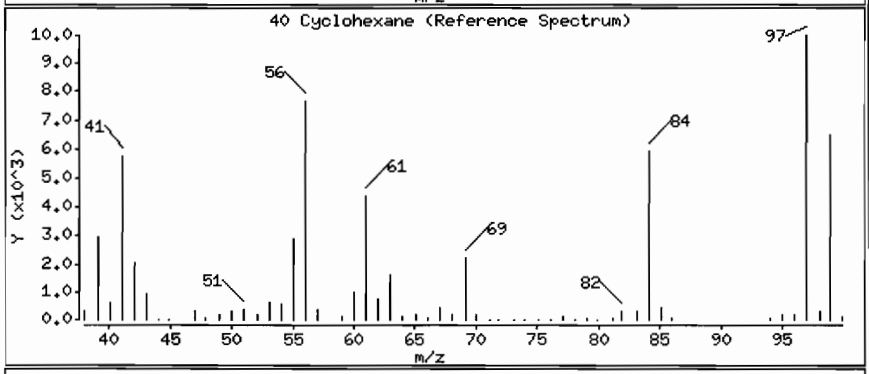
40 Cyclohexane Concentration: 0.33 ppbv

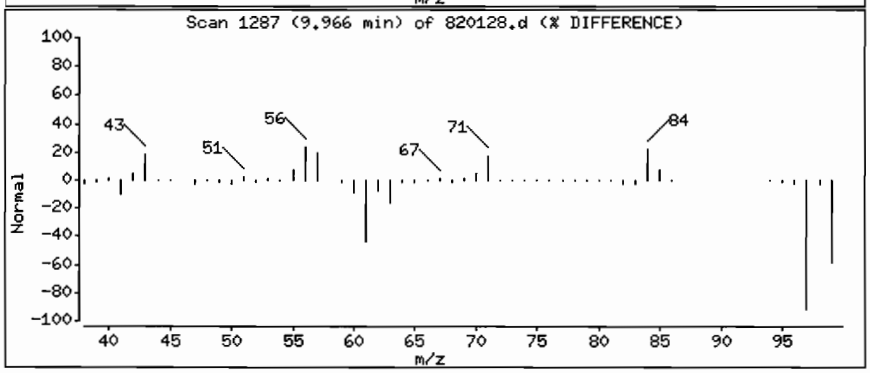












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

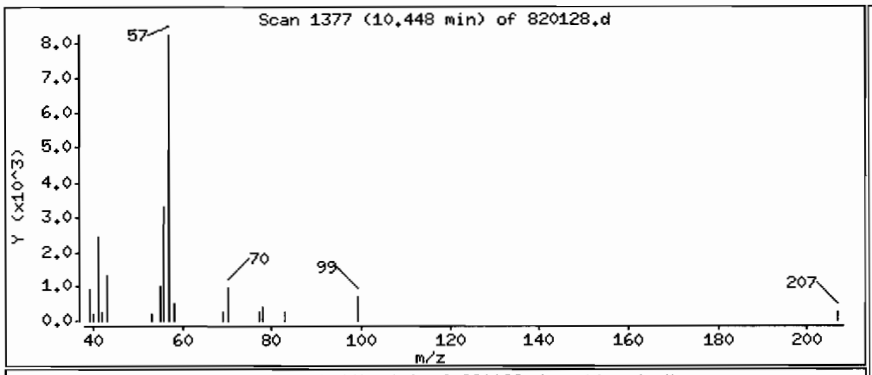
Operator: wrd

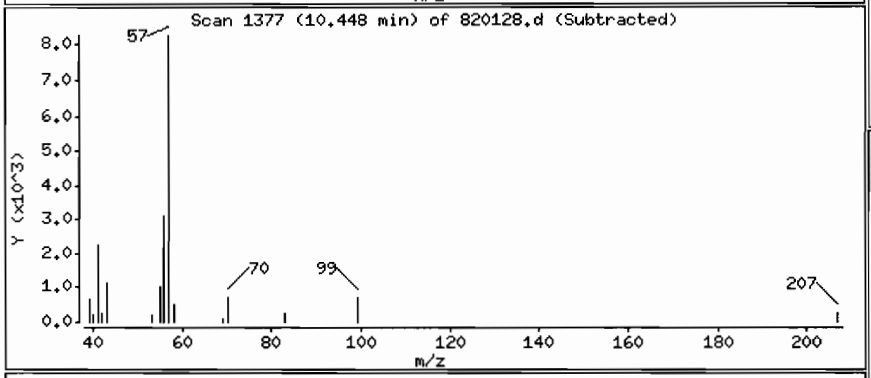
Column phase: RTX-624

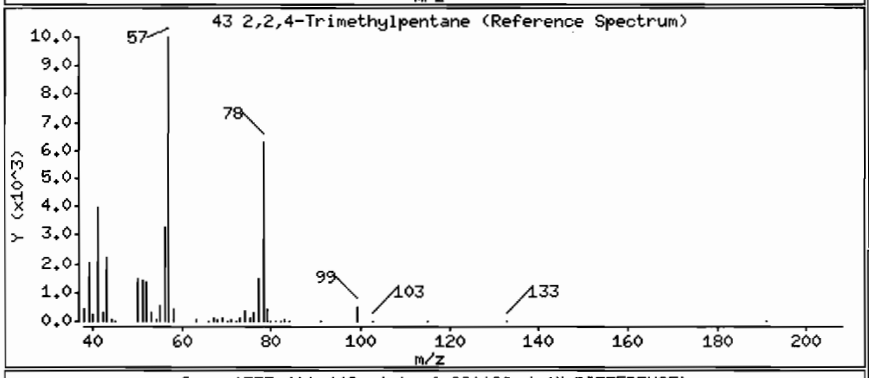
Column diameter: 0.32

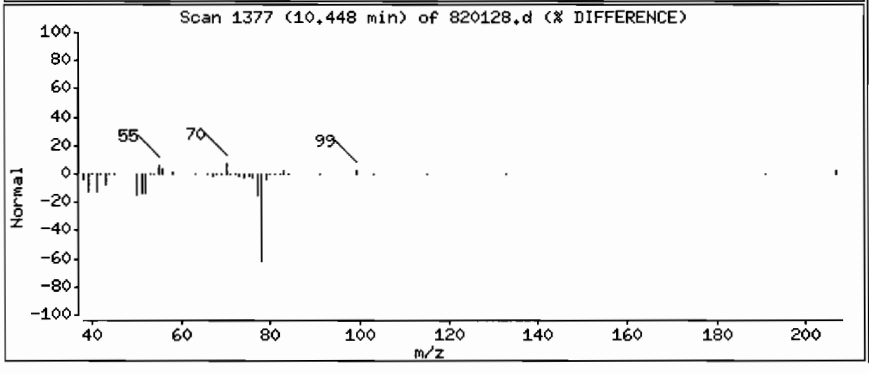
43 2,2,4-Trimethylpentane

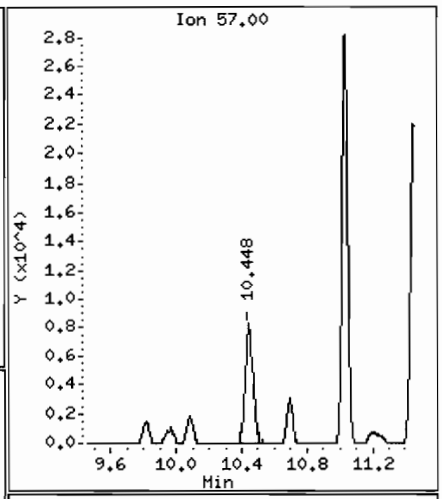
Concentration: 0.32 ppbv

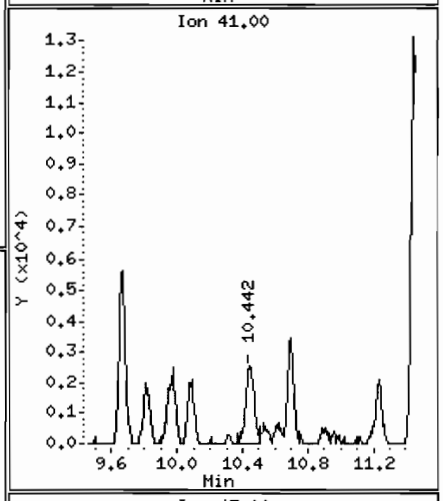


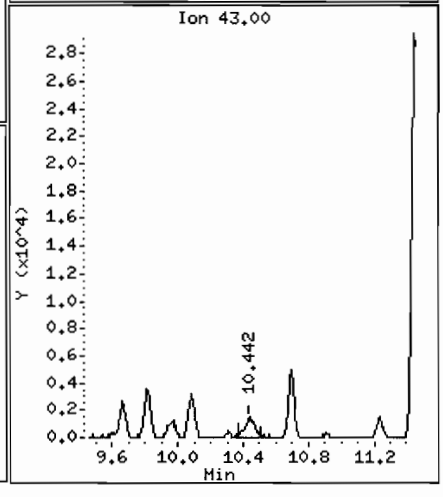












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

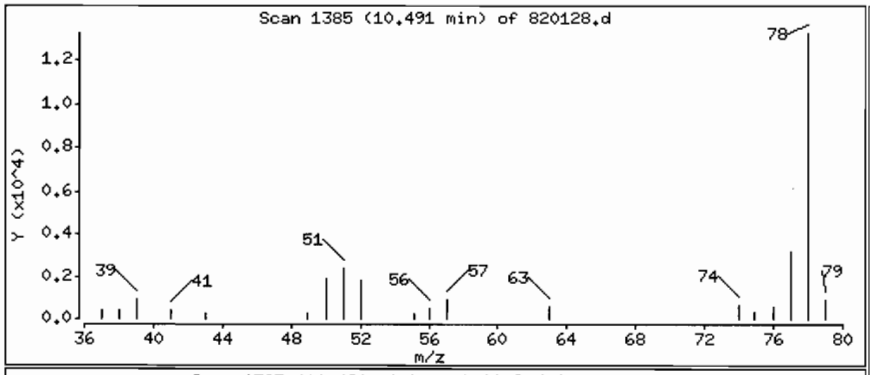
Client ID: CE-VAPOR-8 Instrument: F.i

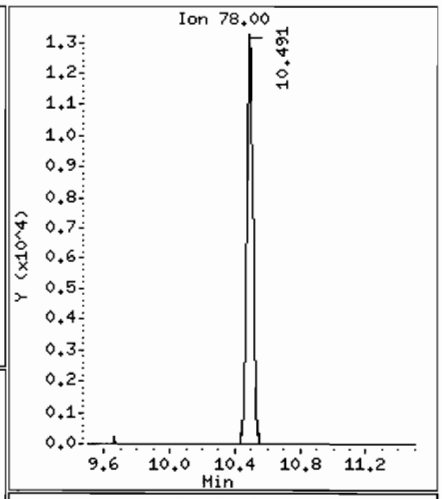
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

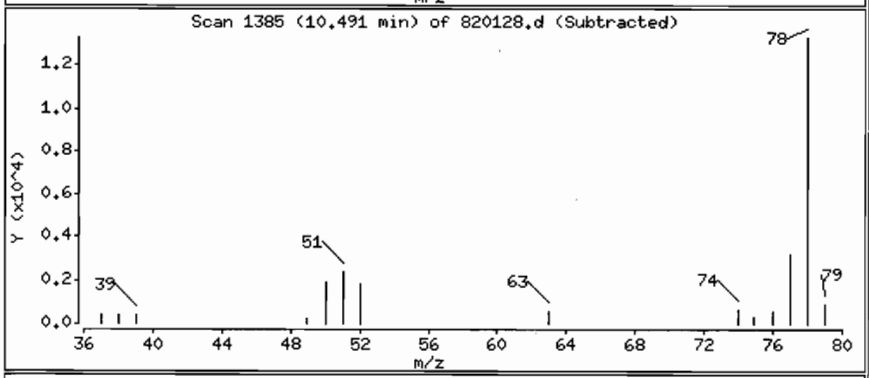
Purge Volume: 200.0 Operator: wrd

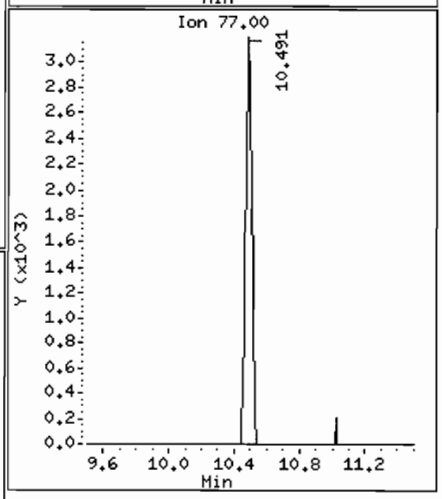
Column phase: RTX-624 Column diameter: 0.32

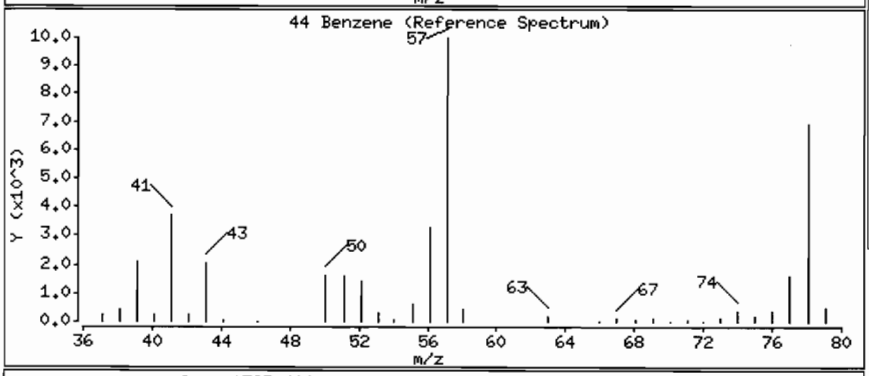
44 Benzene Concentration: 0.54 ppbv

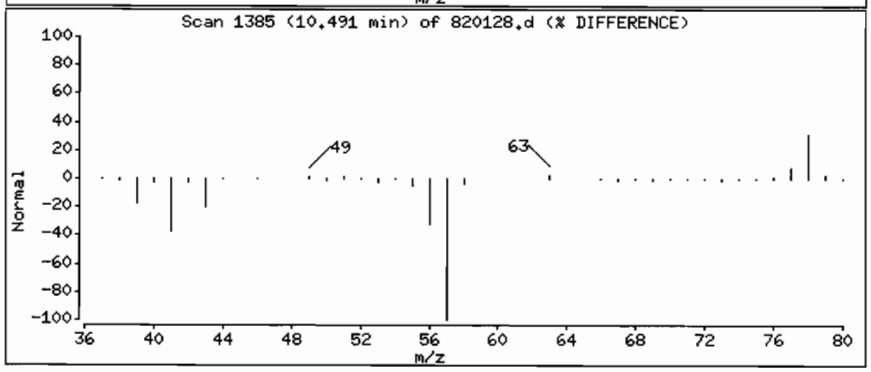












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

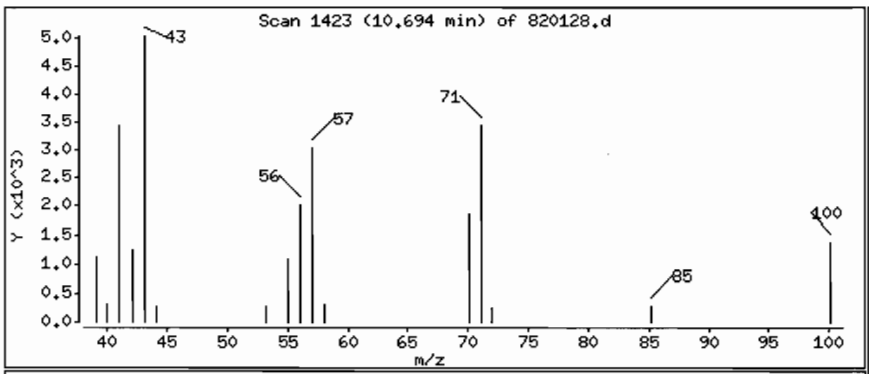
Client ID: CE-VAPOR-8 Instrument: F.i

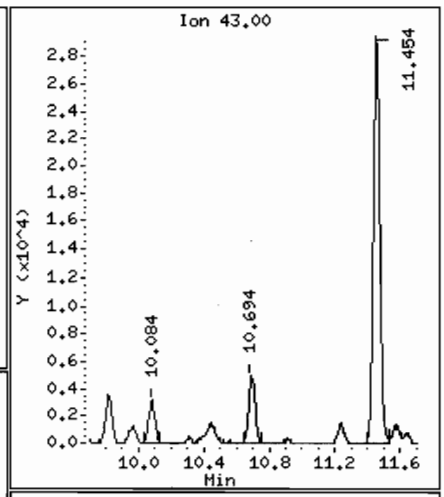
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

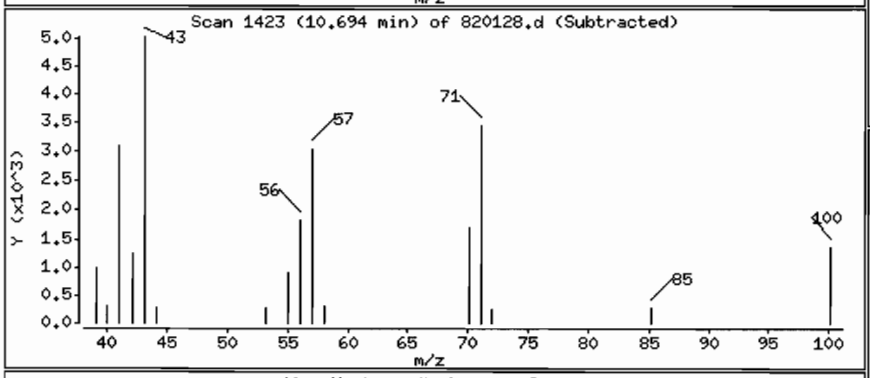
Purge Volume: 200.0 Operator: wrd

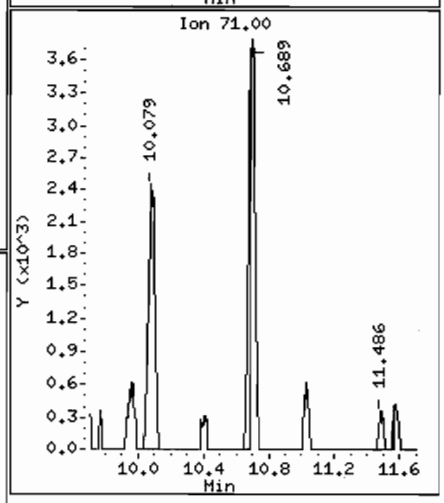
Column phase: RTX-624 Column diameter: 0.32

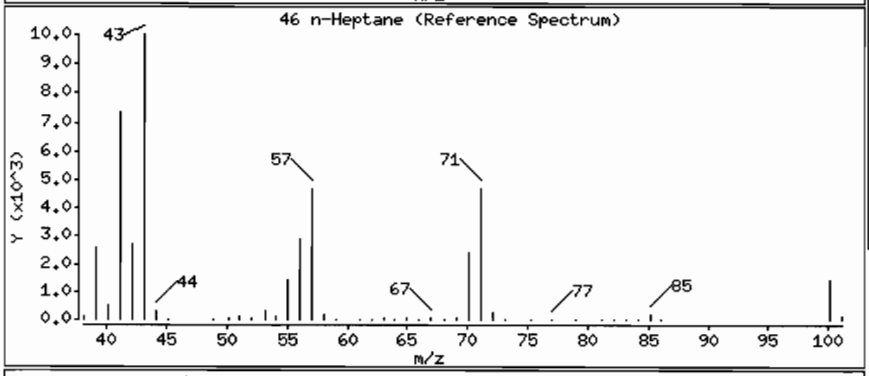
46 n-Heptane Concentration: 0.45 ppbv

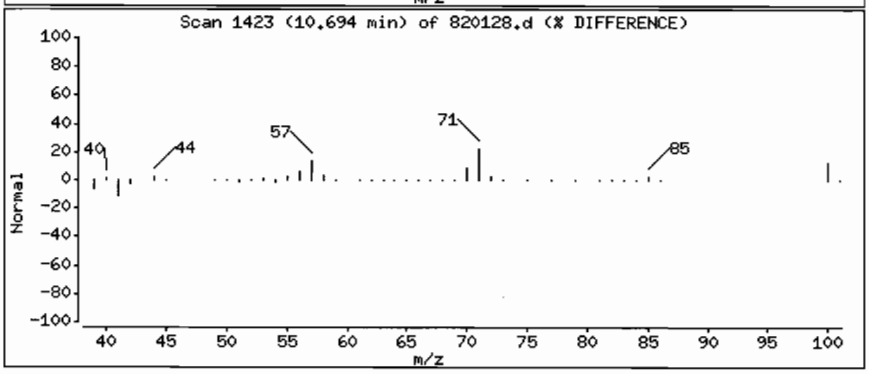












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

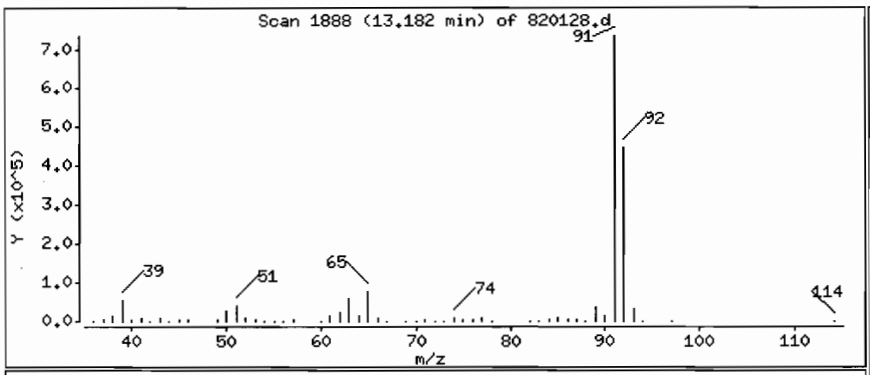
Operator: wrd

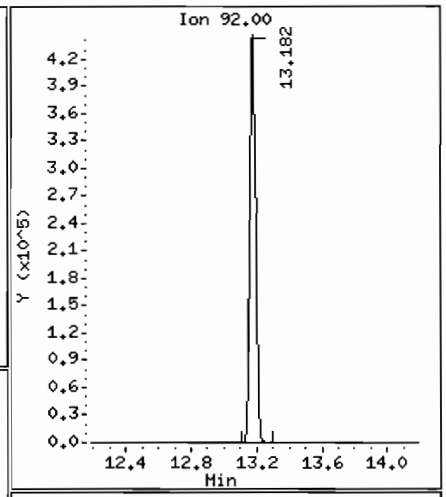
Column phase: RTX-624

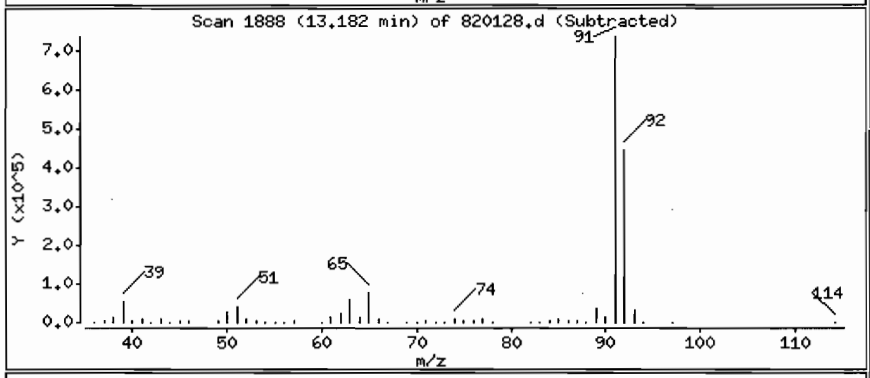
Column diameter: 0.32

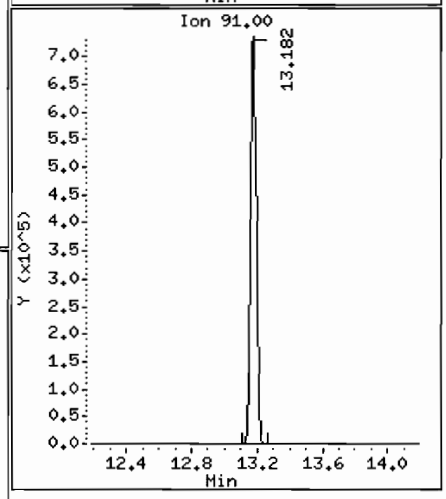
58 Toluene

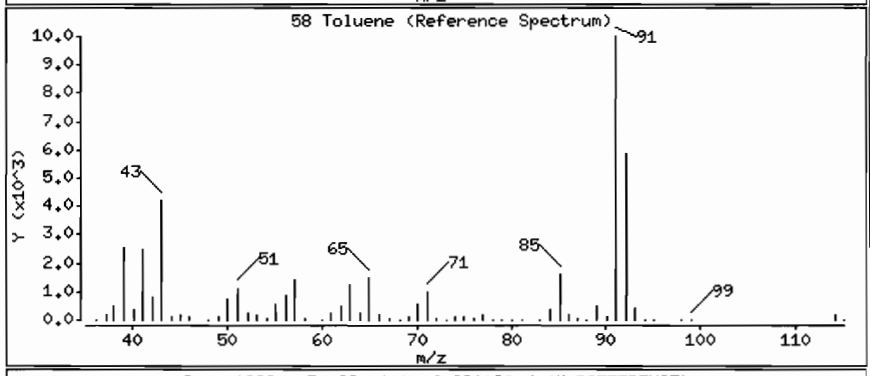
Concentration: 21 ppbv

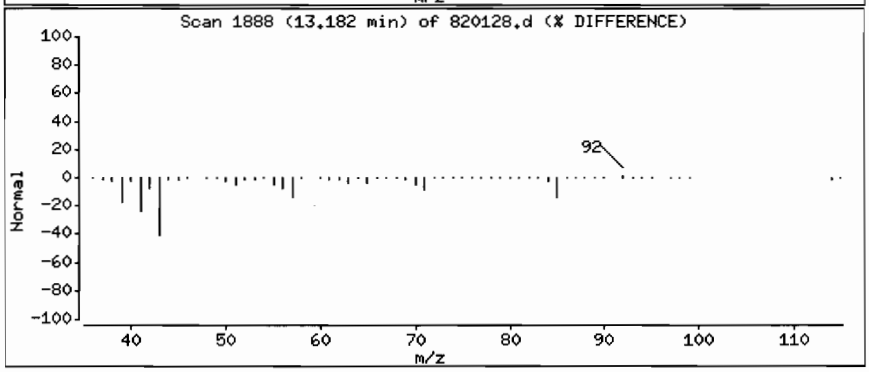












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

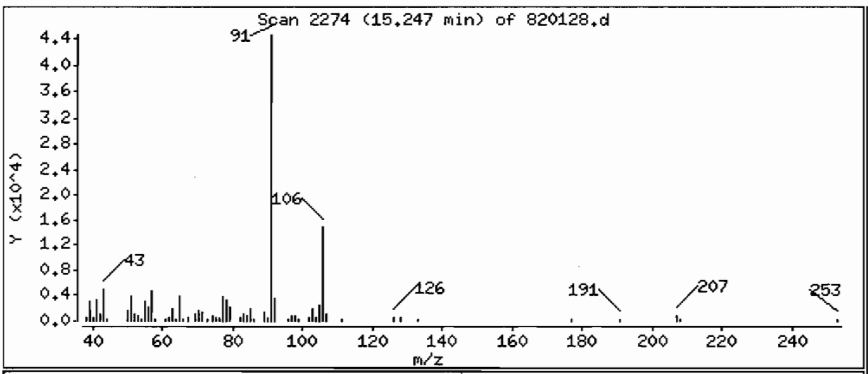
Client ID: CE-VAPOR-8 Instrument: F.i

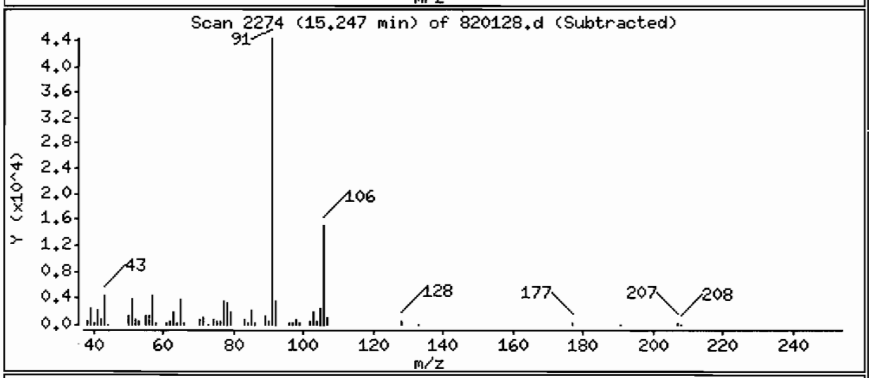
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

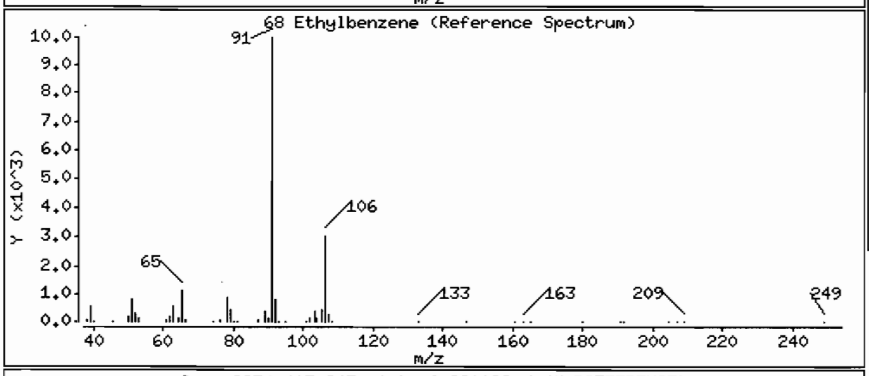
Purge Volume: 200.0 Operator: wrd

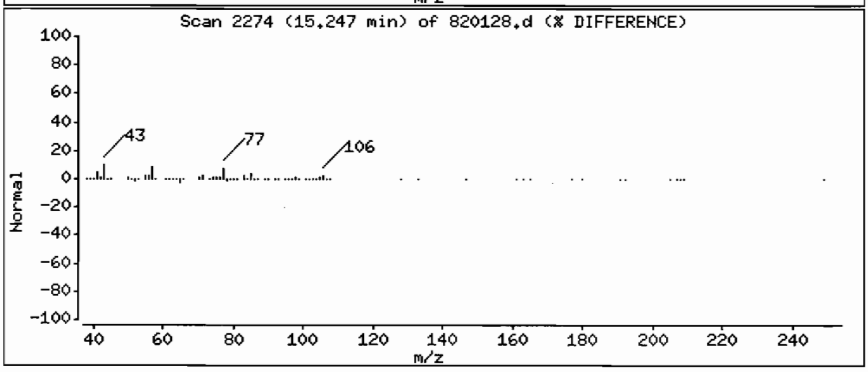
Column phase: RTX-624 Column diameter: 0.32

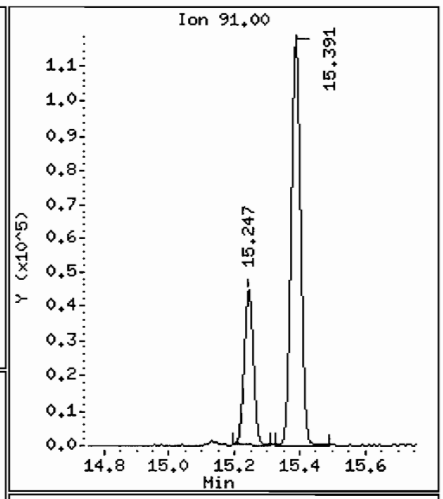
68 Ethylbenzene Concentration: 0.83 ppbv

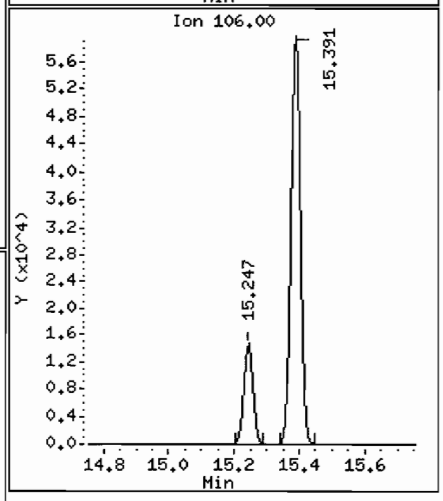












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

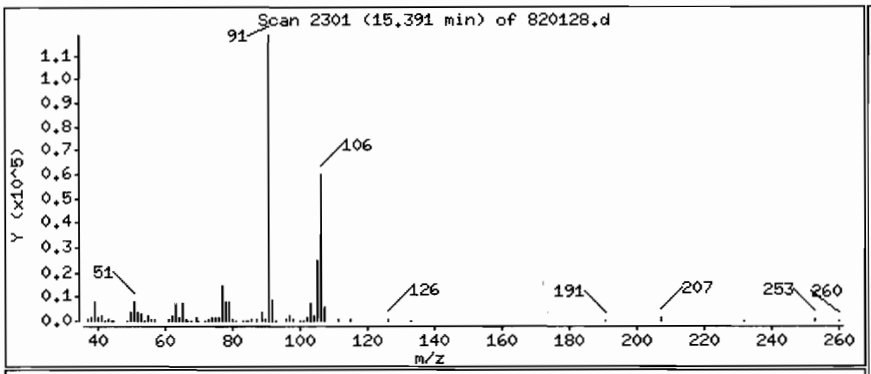
Client ID: CE-VAPOR-8 Instrument: F.i

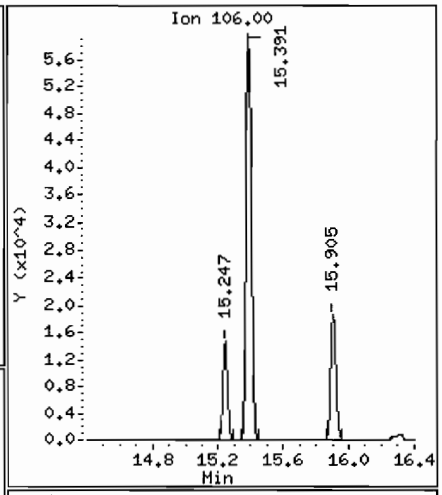
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

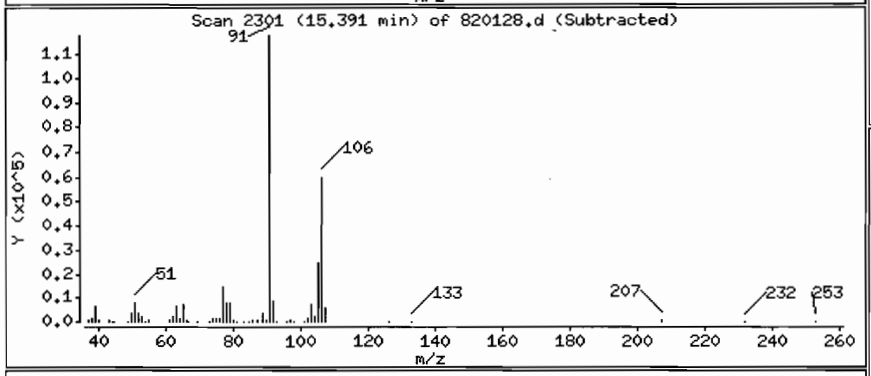
Purge Volume: 200.0 Operator: wrd

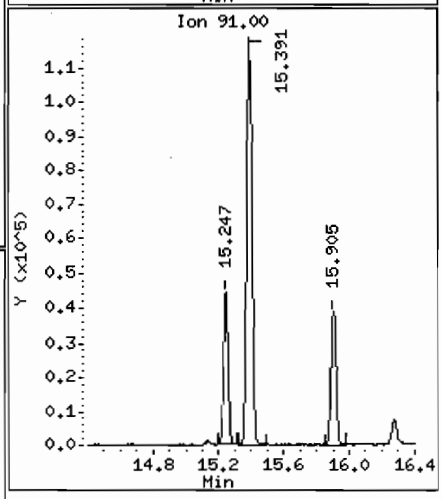
Column phase: RTX-624 Column diameter: 0.32

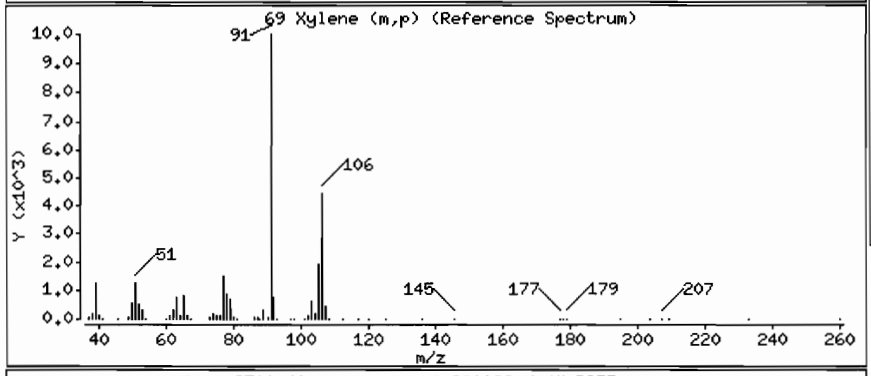
69 Xylene (m,p) Concentration: 2.8 ppbv

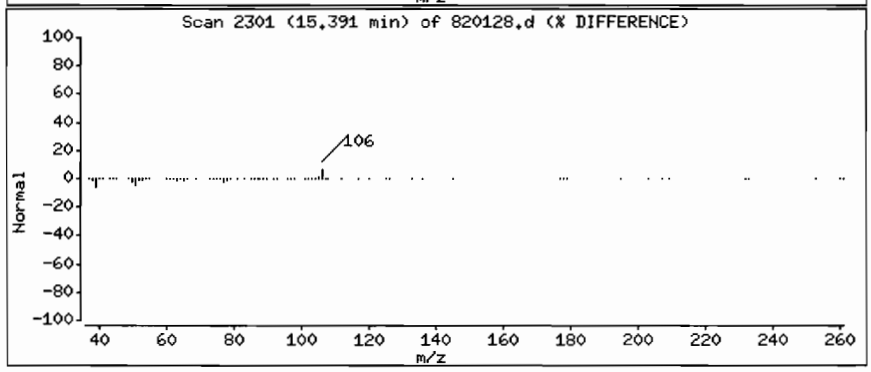












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

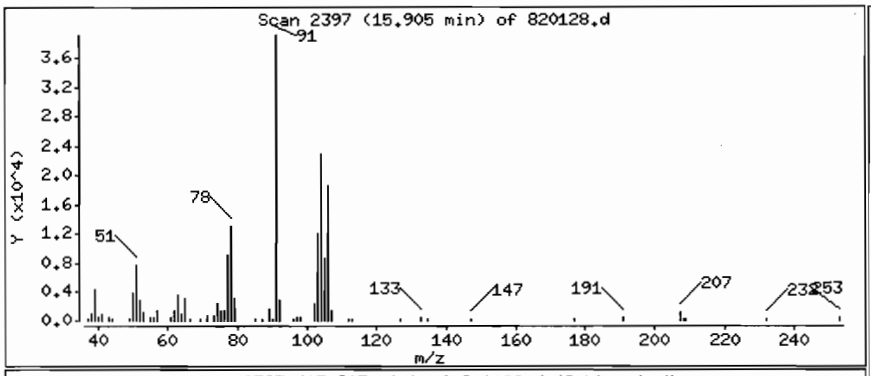
Client ID: CE-VAPOR-8 Instrument: F.i

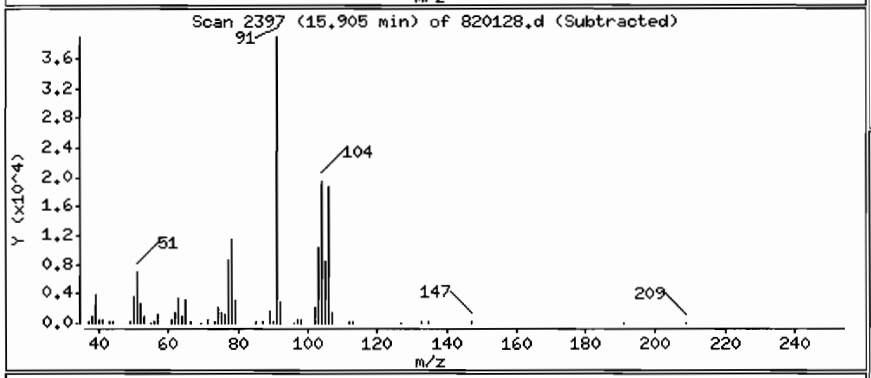
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

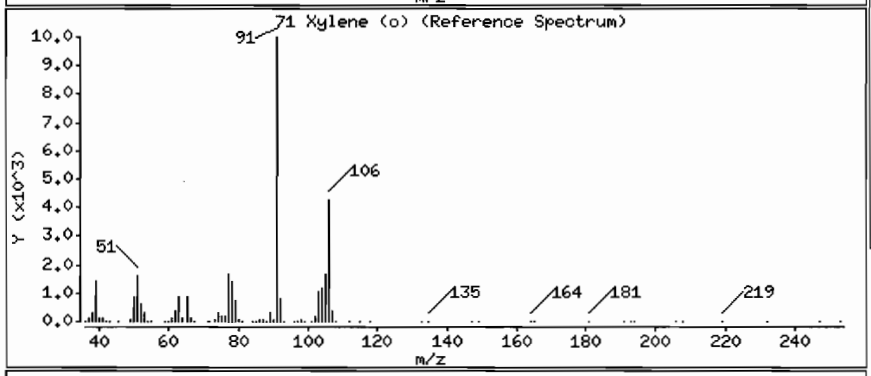
Purge Volume: 200.0 Operator: wrd

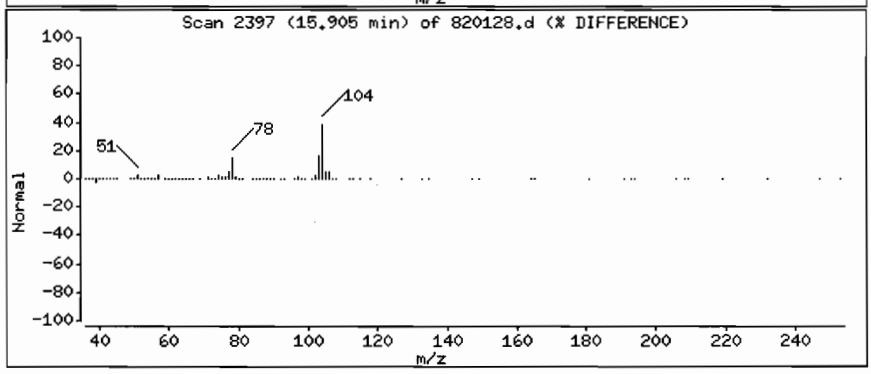
Column phase: RTX-624 Column diameter: 0.32

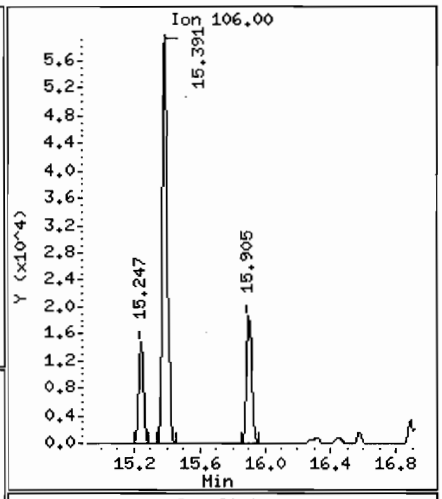
71 Xylene (o) Concentration: 0.88 ppbv

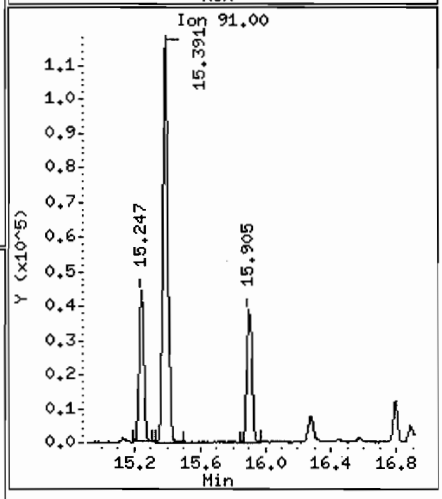












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

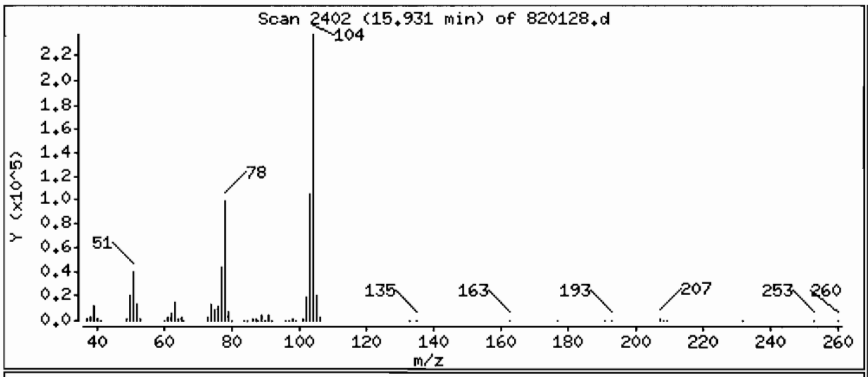
Operator: wrd

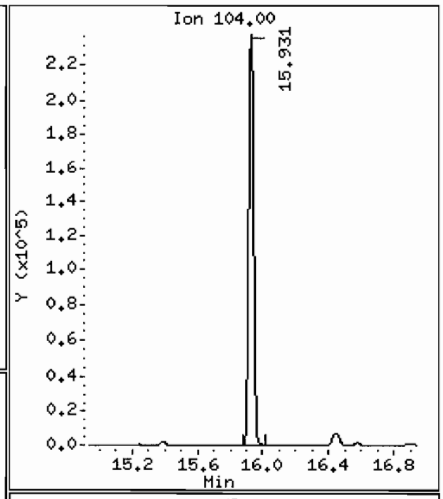
Column phase: RTX-624

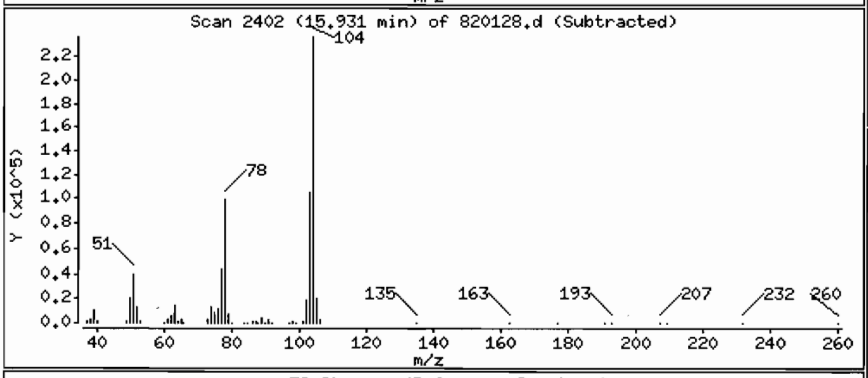
Column diameter: 0.32

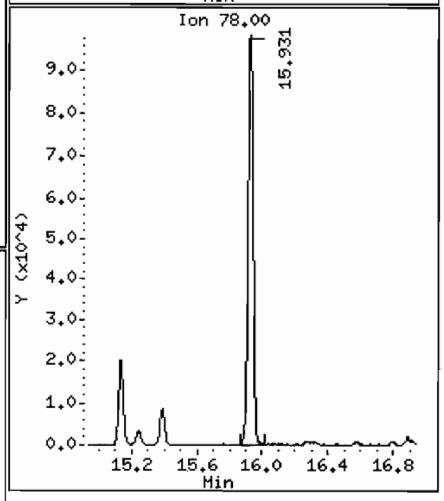
72 Styrene

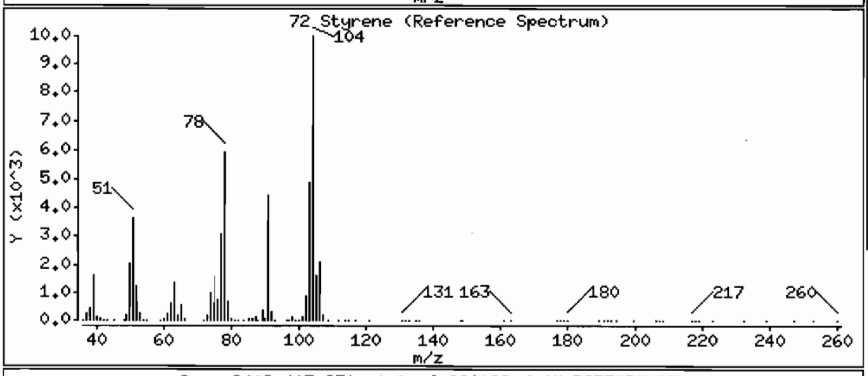
Concentration: 6.7 ppbv

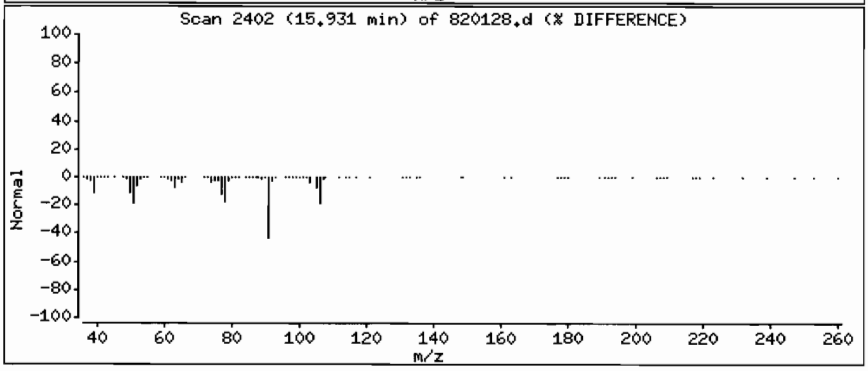












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

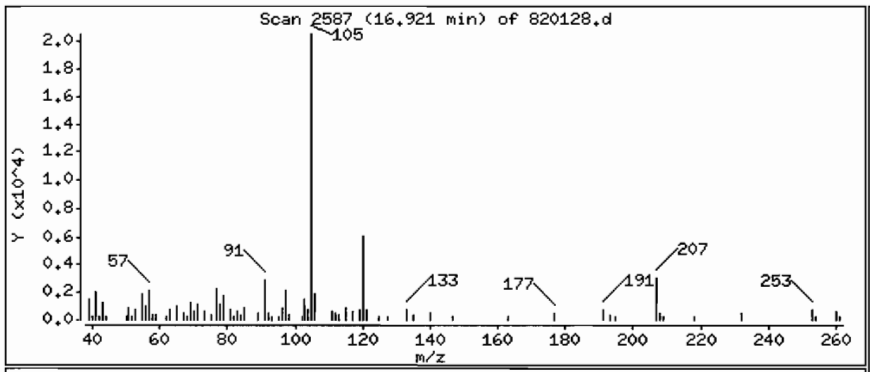
Client ID: CE-VAPOR-8 Instrument: F.i

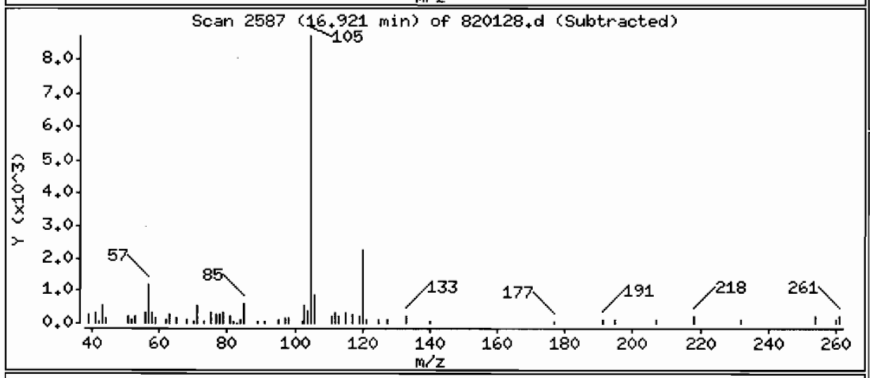
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

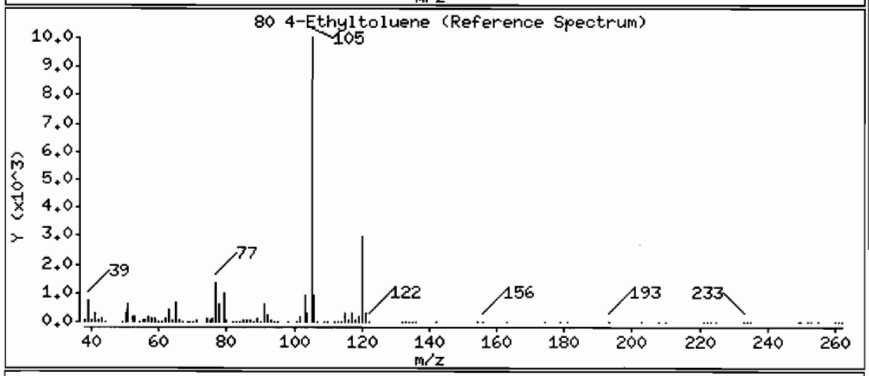
Purge Volume: 200.0 Operator: wrd

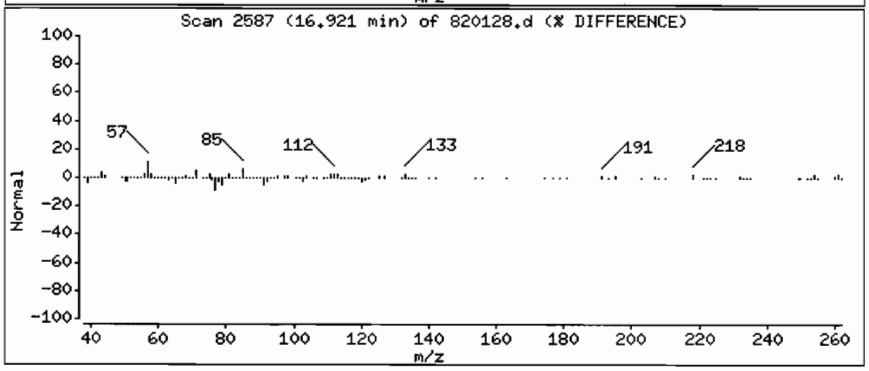
Column phase: RTX-624 Column diameter: 0.32

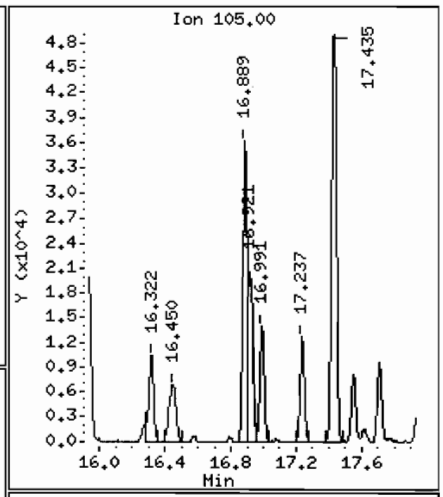
80 4-Ethyltoluene Concentration: 0.26 ppbv

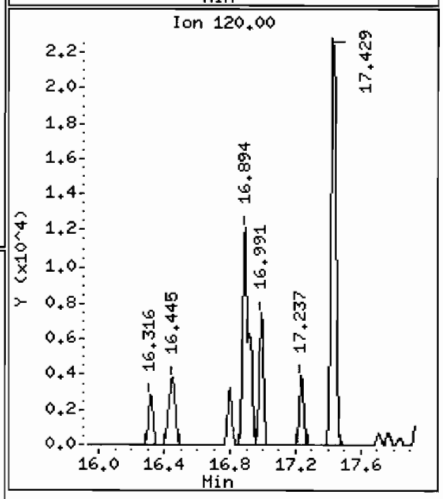












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

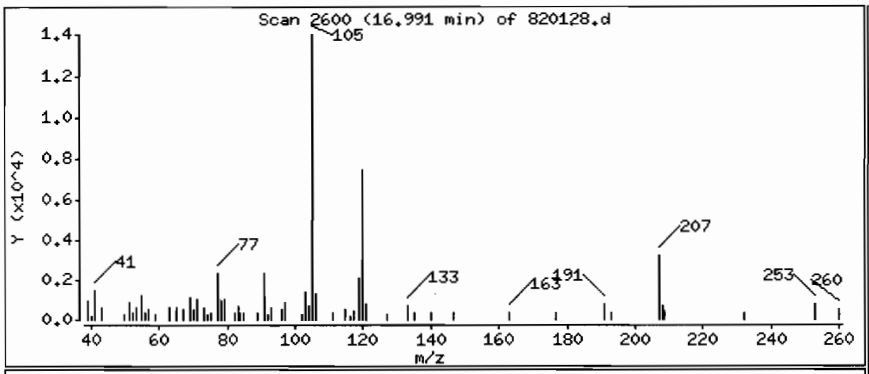
Client ID: CE-VAPOR-8 Instrument: F.i

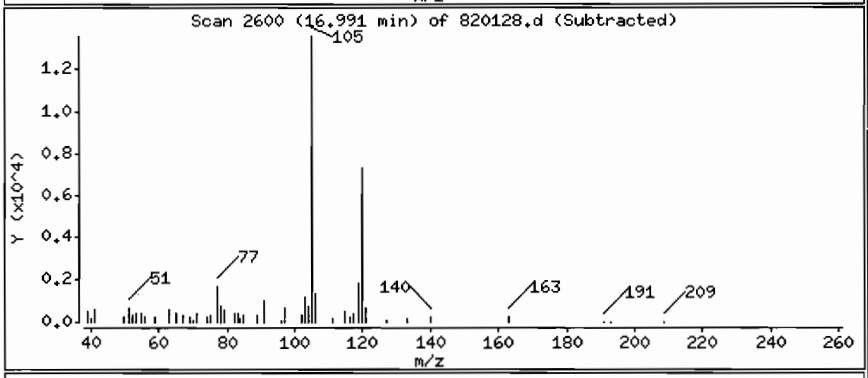
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

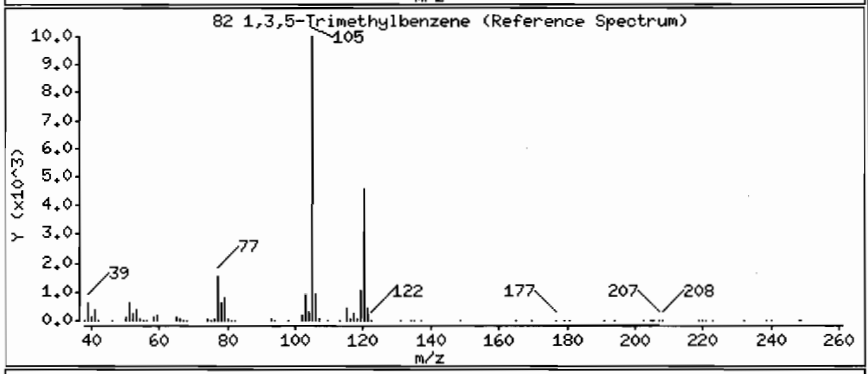
Purge Volume: 200.0 Operator: wrd

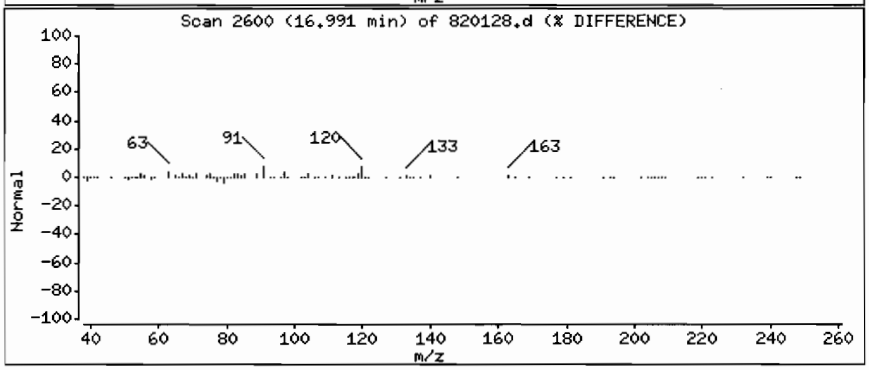
Column phase: RTX-624 Column diameter: 0.32

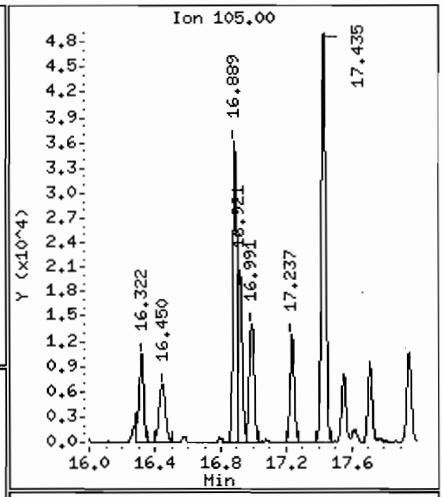
82 1,3,5-Trimethylbenzene Concentration: 0.24 ppbv

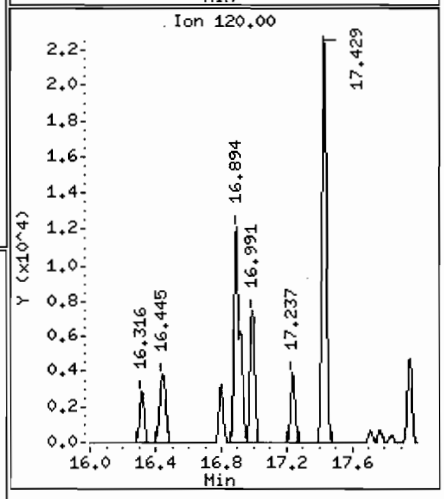












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

Purge Volume: 200.0

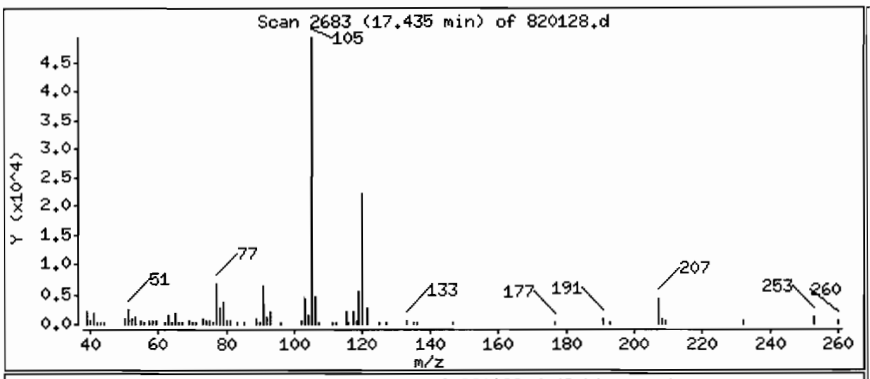
Operator: wrd

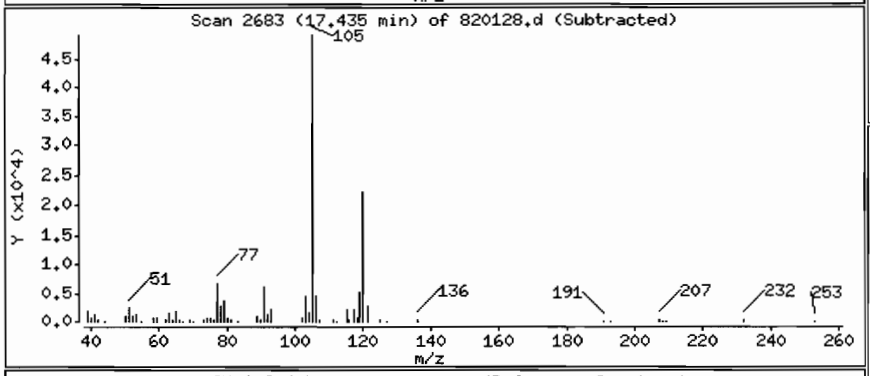
Column phase: RTX-624

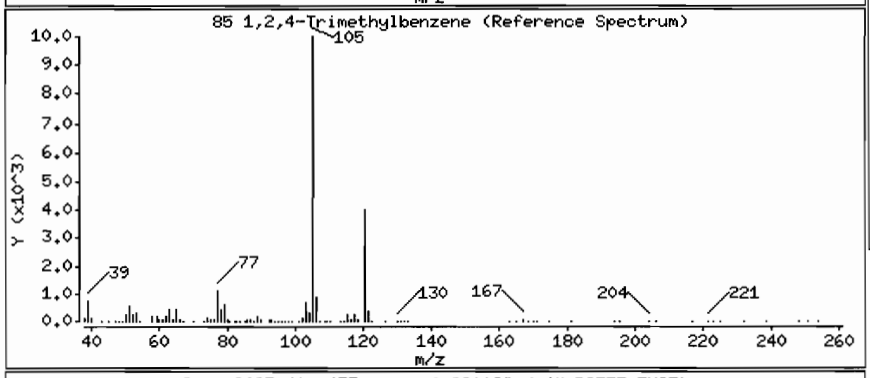
Column diameter: 0.32

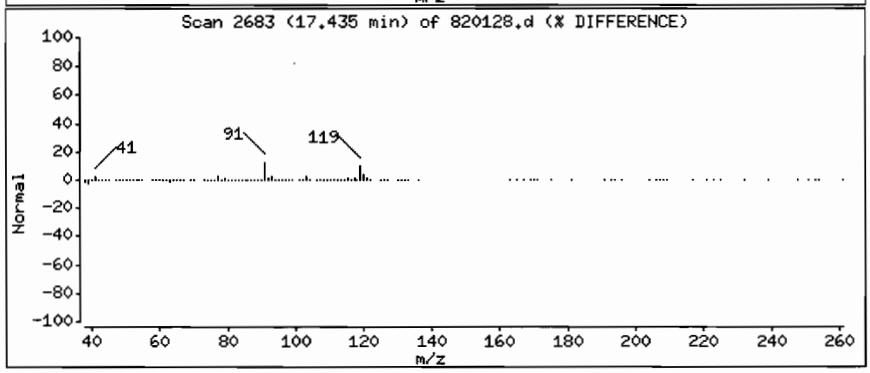
85 1,2,4-Trimethylbenzene

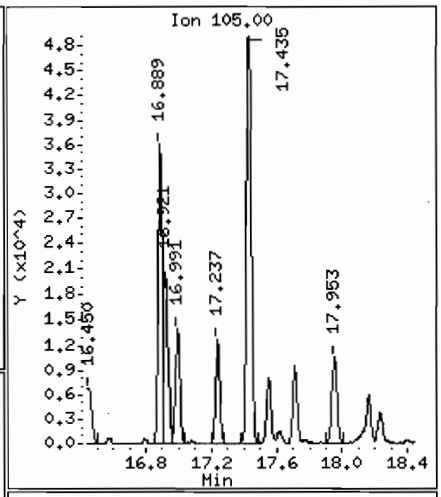
Concentration: 0.80 ppbv

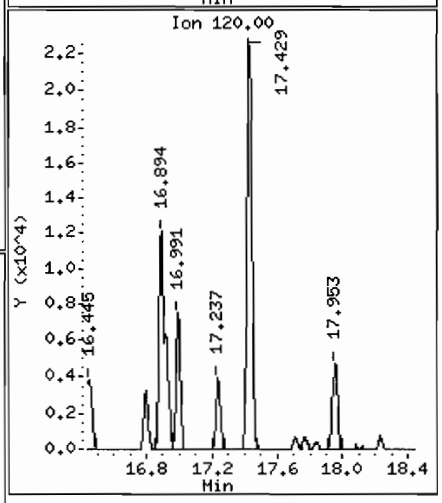












Data File: /chem/F.i/Fsvr.p/fdlnto15.b/820128.d

Date : 17-FEB-2010 04:27

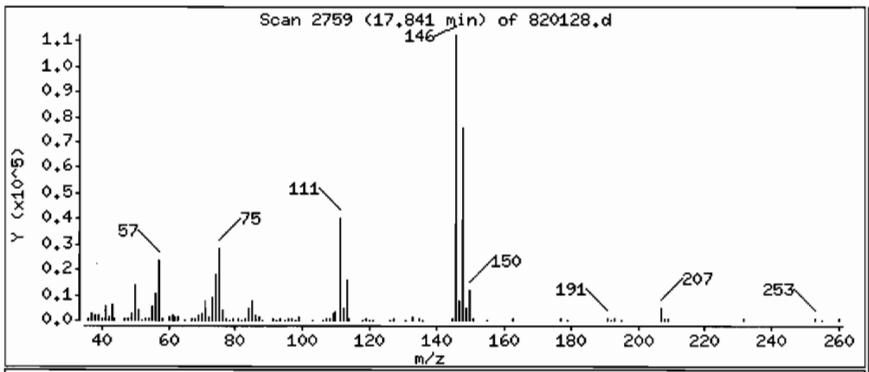
Client ID: CE-VAPOR-8 Instrument: F.i

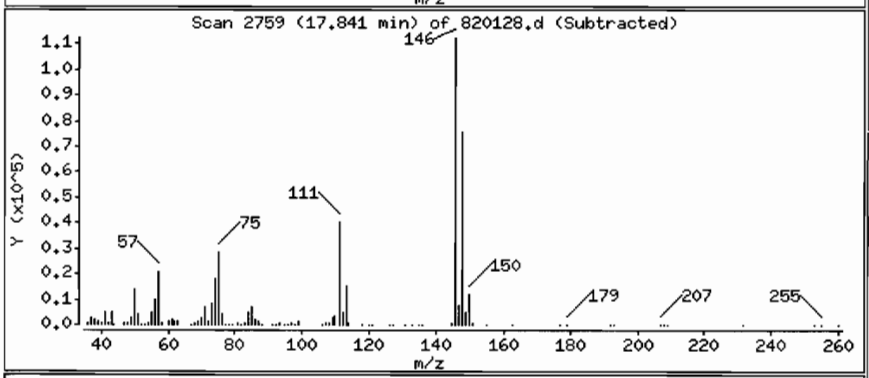
Sample Info: CE-VAPOR-8 :[ ]02/08/10 @1546(AIR)

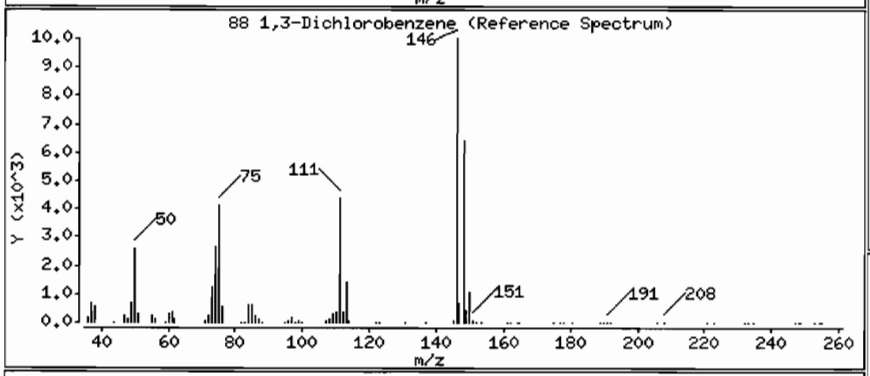
Purge Volume: 200.0 Operator: wrd

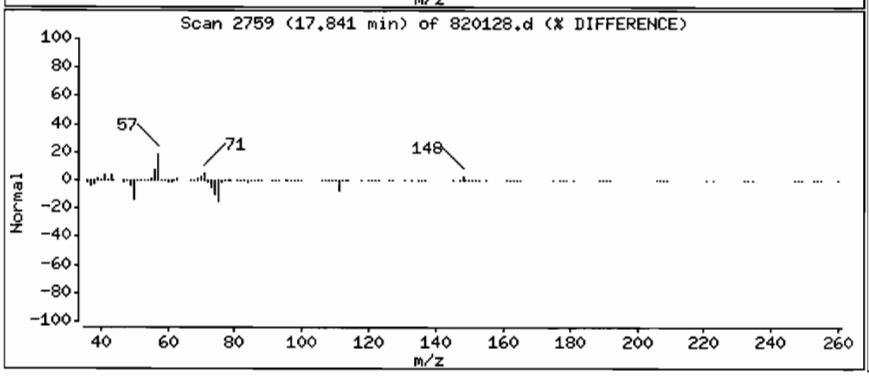
Column phase: RTX-624 Column diameter: 0.32

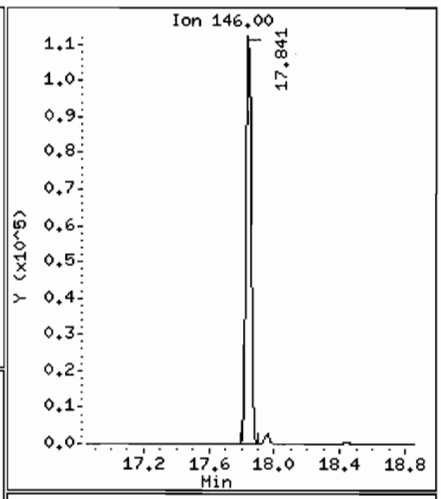
88 1,3-Dichlorobenzene Concentration: 2.5 ppbv

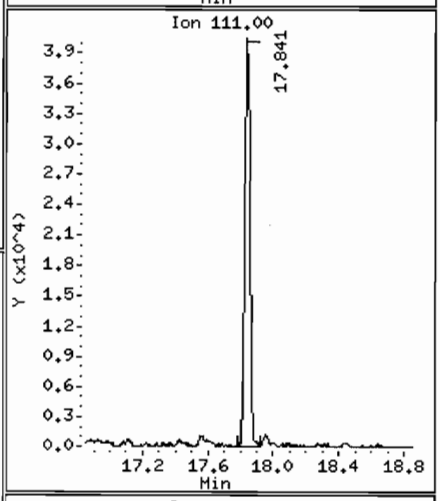


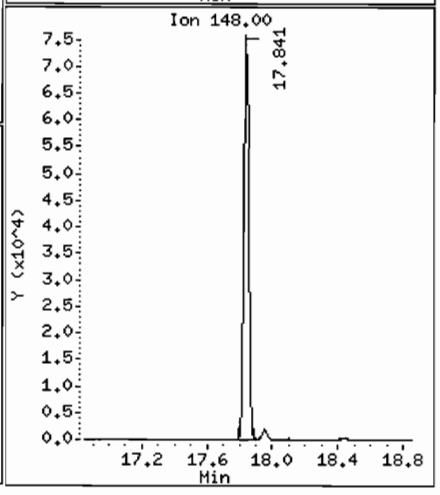












Standards – TO-15 Volatile

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

LAB FILE ID: RRF0.2=FDL002V RRF0.5=FDL005V
RRF5 =FDL05V RRF10 =FDL10V RRF15 =FDL15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.659	2.514	2.917	2.725		
1,2-Dichlorotetrafluoroethan	1.848	2.396	2.441	2.659	2.469		
Chloromethane		0.518	0.478	0.523	0.492		
Vinyl Chloride	0.488	0.642	0.667	0.748	0.699		
1,3-Butadiene	0.300	0.431	0.470	0.518	0.485		
Bromomethane	0.663	0.807	0.805	0.969	0.924		
Chloroethane		0.350	0.357	0.400	0.386		
Bromoethene	0.611	0.826	0.841	1.002	0.994		
Trichlorofluoromethane	3.083	2.972	3.055	3.424	3.254		
Freon TF	1.409	1.613	1.654	1.900	1.864		
1,1-Dichloroethene	0.526	0.693	0.713	0.838	0.831		
Acetone			1.396	1.189	1.105		
Isopropyl Alcohol			0.844	0.863	0.802		
Carbon disulfide		2.060	2.148	2.457	2.398		
3-Chloropropene	0.569	0.793	0.777	0.854	0.814		
Methylene chloride		0.824	0.747	0.806	0.767		
tert-Butyl Alcohol			1.475	1.581	1.522		
Methyl tert-Butyl Ether	1.945	2.472	2.504	2.842	2.741		
trans-1,2-Dichloroethene	0.845	1.102	1.168	1.301	1.244		
n-Hexane	1.434	1.075	1.074	1.208	1.161		
1,1-Dichloroethane *	1.128	1.389	1.435	1.609	1.525		*
Methyl Ethyl Ketone		0.480	0.383	0.424	0.414		
cis-1,2-Dichloroethene	0.660	0.820	0.860	1.007	0.996		
1,2-Dichloroethene,Total	0.752	0.961	1.014	1.154	1.120		
Chloroform	1.602	2.049	2.049	2.299	2.232		
Tetrahydrofuran			0.145	0.158	0.151		
1,1,1-Trichloroethane	0.376	0.494	0.508	0.576	0.563		
Cyclohexane	0.177	0.222	0.221	0.261	0.258		
Carbon tetrachloride	0.454	0.525	0.559	0.645	0.638		
2,2,4-Trimethylpentane	0.574	0.686	0.702	0.792	0.771		
Benzene	0.619	0.488	0.493	0.564	0.557		
1,2-Dichloroethane	0.219	0.297	0.298	0.327	0.313		
n-Heptane	0.239	0.240	0.249	0.272	0.261		
Trichloroethene	0.198	0.253	0.261	0.300	0.296		
1,2-Dichloropropane	0.127	0.164	0.170	0.194	0.188		
1,4-Dioxane			0.081	0.087	0.085		
Bromodichloromethane	0.302	0.414	0.468	0.542	0.533		

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

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

LAB FILE ID: RRF0.2=FDL002V RRF0.5=FDL005V
RRF5 =FDL05V RRF10 =FDL10V RRF15 =FDL15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene	0.228	0.284	0.309	0.361	0.356			
Methyl Isobutyl Ketone		0.300	0.330	0.372	0.357			
Toluene	0.570	0.390	0.404	0.470	0.466			
trans-1,3-Dichloropropene	0.262	0.334	0.370	0.417	0.412			
1,1,2-Trichloroethane	0.145	0.184	0.192	0.224	0.221			
Tetrachloroethene	0.320	0.368	0.391	0.475	0.480			
Methyl Butyl Ketone		0.304	0.330	0.367	0.359			
Dibromochloromethane	0.303	0.402	0.503	0.612	0.615			
1,2-Dibromoethane	0.290	0.377	0.413	0.485	0.486			
Chlorobenzene	* 0.489	0.562	0.593	0.690	0.694			*
Ethylbenzene	0.892	0.931	0.981	1.117	1.097			
Xylene (m,p)	0.351	0.361	0.400	0.457	0.452			
Xylene (o)	0.324	0.354	0.389	0.448	0.448			
Xylenes, Total	0.324	0.354	0.389	0.448	0.448			
Styrene	0.350	0.464	0.581	0.695	0.703			
Bromoform	0.319	0.400	0.537	0.668	0.679			
1,1,2,2-Tetrachloroethane	0.410	0.514	0.544	0.611	0.600			
4-Ethyltoluene	1.057	1.151	1.251	1.421	1.399			
1,3,5-Trimethylbenzene	0.768	0.916	1.060	1.202	1.183			
2-Chlorotoluene	0.804	1.030	1.053	1.175	1.141			
1,2,4-Trimethylbenzene	0.854	0.971	1.084	1.222	1.198			
1,3-Dichlorobenzene	0.624	0.706	0.781	0.910	0.906			
1,4-Dichlorobenzene	0.651	0.714	0.782	0.914	0.916			
1,2-Dichlorobenzene	0.584	0.683	0.751	0.870	0.864			
1,2,4-Trichlorobenzene		0.549	0.586	0.729	0.745			
Hexachlorobutadiene	0.384	0.470	0.509	0.602	0.599			

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

FORM VI VOA

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

LAB FILE ID: RRF20 =FDL20V RRF40 =FDL40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.534	2.270				2.603	8.4
1,2-Dichlorotetrafluoroethan	2.317	2.080				2.316	11.7
Chloromethane	0.461	0.421				0.482	7.9
Vinyl Chloride	0.662	0.606				0.644	12.8
1,3-Butadiene	0.460	0.426				0.441	15.8
Bromomethane	0.884	0.834				0.841	11.8
Chloroethane	0.372	0.350				0.369	5.6
Bromoethene	0.970	0.904				0.878	15.6
Trichlorofluoromethane	3.145	2.857				3.113	6.0
Freon TF	1.858	1.759				1.722	10.2
1,1-Dichloroethene	0.837	0.801				0.748	15.3
Acetone	1.030	0.941				1.132	15.3
Isopropyl Alcohol	0.771	0.690				0.794	8.6
Carbon disulfide	2.370	2.243				2.279	6.8
3-Chloropropene	0.779	0.720				0.758	12.2
Methylene chloride	0.740	0.678				0.760	6.9
tert-Butyl Alcohol	1.465	1.346				1.478	5.9
Methyl tert-Butyl Ether	2.693	2.531				2.532	11.6
trans-1,2-Dichloroethene	1.215	1.118				1.142	13.0
n-Hexane	1.128	1.052				1.162	11.4
1,1-Dichloroethane *	1.493	1.375				1.422	10.8*
Methyl Ethyl Ketone	0.408	0.383				0.415	8.7
cis-1,2-Dichloroethene	0.997	0.949				0.898	14.2
1,2-Dichloroethene,Total	1.106	1.033				1.020	13.3
Chloroform	2.180	2.047				2.065	11.0
Tetrahydrofuran	0.145	0.136				0.147	5.4
1,1,1-Trichloroethane	0.552	0.526				0.514	13.1
Cyclohexane	0.258	0.250				0.235	13.0
Carbon tetrachloride	0.633	0.614				0.581	12.4
2,2,4-Trimethylpentane	0.755	0.710				0.713	10.2
Benzene	0.554	0.538				0.545	8.2
1,2-Dichloroethane	0.304	0.288				0.292	11.8
n-Heptane	0.249	0.227				0.248	6.0
Trichloroethene	0.297	0.291				0.271	13.7
1,2-Dichloropropane	0.185	0.177				0.172	13.0
1,4-Dioxane	0.084	0.080				0.083	3.5
Bromodichloromethane	0.524	0.501				0.469	18.3

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

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Calibration Time(s): 2106 0209

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

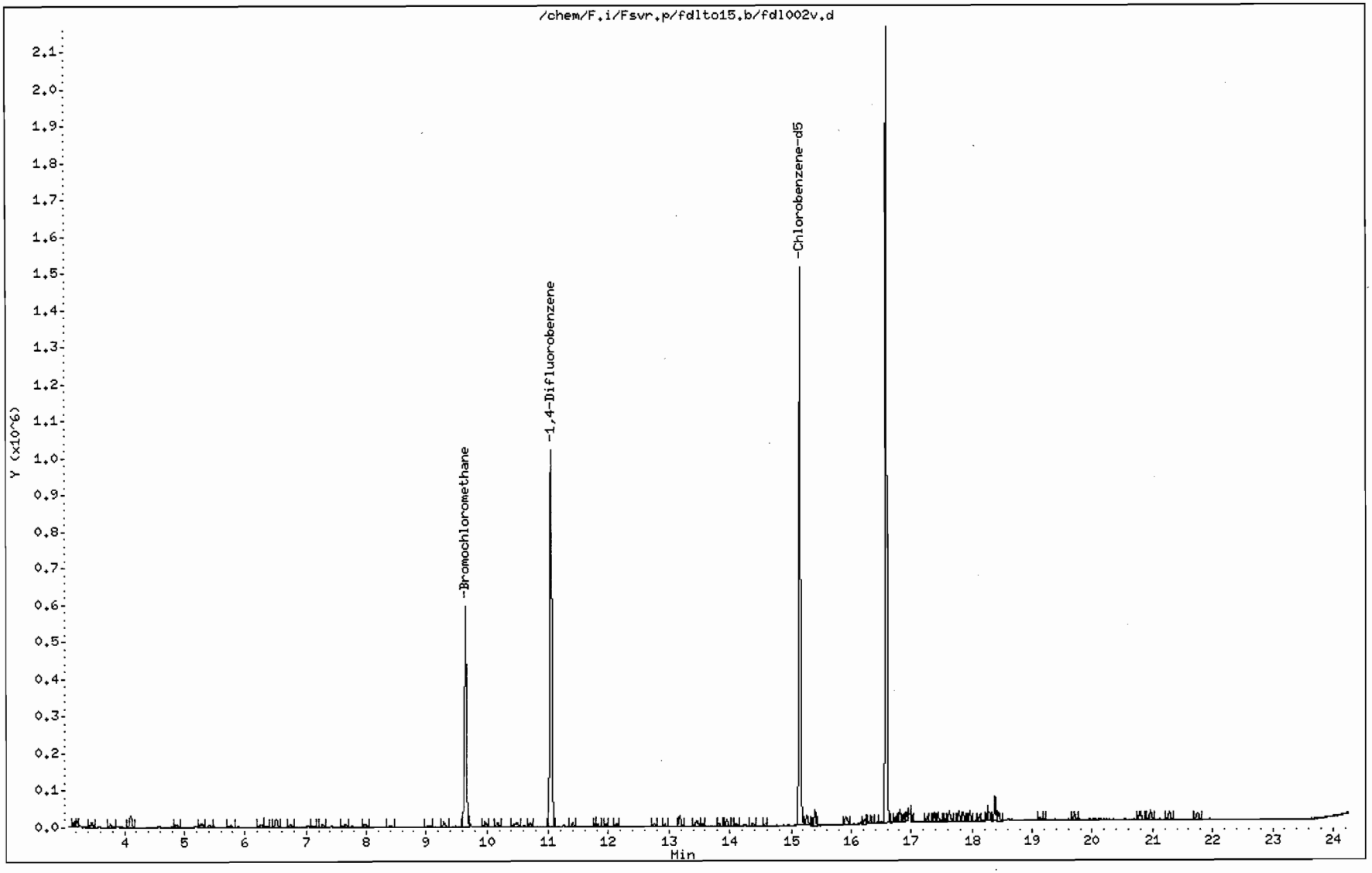
LAB FILE ID: RRF20 =FDL20V RRF40 =FDL40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.352	0.342				0.319	15.4
Methyl Isobutyl Ketone	0.342	0.318				0.336	7.7
Toluene	0.470	0.450				0.460	12.7
trans-1,3-Dichloropropene	0.405	0.390				0.370	15.0
1,1,2-Trichloroethane	0.222	0.214				0.200	14.5
Tetrachloroethene	0.494	0.498				0.432	16.5
Methyl Butyl Ketone	0.343	0.318				0.337	7.2
Dibromochloromethane	0.624	0.617				0.525	24.4
1,2-Dibromoethane	0.493	0.480				0.432	17.8
Chlorobenzene *	0.706	0.698				0.633	13.5*
Ethylbenzene	1.089	1.024				1.019	8.6
Xylene (m,p)	0.455	0.435				0.416	10.9
Xylene (o)	0.445	0.431				0.406	12.5
Xylenes, Total	0.445	0.431				0.406	12.5
Styrene	0.710	0.693				0.599	23.8
Bromoform	0.688	0.672				0.566	26.8
1,1,2,2-Tetrachloroethane	0.594	0.554				0.547	12.7
4-Ethyltoluene	1.376	1.300				1.279	10.6
1,3,5-Trimethylbenzene	1.165	1.090				1.055	15.1
2-Chlorotoluene	1.132	1.043				1.054	11.7
1,2,4-Trimethylbenzene	1.176	1.110				1.088	12.2
1,3-Dichlorobenzene	0.907	0.885				0.817	14.1
1,4-Dichlorobenzene	0.912	0.890				0.826	13.3
1,2-Dichlorobenzene	0.862	0.837				0.779	14.2
1,2,4-Trichlorobenzene	0.761	0.761				0.688	13.8
Hexachlorobutadiene	0.595	0.554				0.530	15.4

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

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl002v.d
Date : 03-FEB-2010 21:06
Client ID: ASTD0.2
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl002v.d
Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
Inj Date : 03-FEB-2010 21:06
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD0002;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 21:06 Cal File: fdl002v.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.172	(0.328)	3708	0.20000	0.42(aQ)
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	15257	0.20000	0.26(a)
3 Chlorodifluoromethane	51	3.263	3.269	(0.338)	5910	0.20000	0.25(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	8271	0.20000	0.16(a)
5 Chloromethane	50	3.590	3.595	(0.372)	3177	0.20000	0.29(a)
6 Butane	43	3.772	3.777	(0.391)	7578	0.20000	0.43(a)
7 Vinyl chloride	62	3.814	3.820	(0.395)	2182	0.20000	0.15(a)
8 Butadiene	54	3.889	3.889	(0.403)	1344	0.20000	0.14(aM)
9 Bromomethane	94	4.579	4.579	(0.475)	2967	0.20000	0.16(a)
10 Chloroethane	64	4.809	4.809	(0.499)	973	0.20000	0.12(aQ)
11 2-Methylbutane	43	4.874	4.884	(0.505)	5015	0.20000	0.31
12 Vinyl bromide	106	5.195	5.200	(0.539)	2736	0.20000	0.14(aM)
13 Trichlorofluoromethane	101	5.280	5.291	(0.547)	13800	0.20000	0.20
14 Pentane	43	5.414	5.425	(0.561)	6109	0.20000	0.28(a)
15 Ethanol	45	5.762	5.751	(0.597)	6403	0.20000	1.2(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
16	Ethyl ether	59	5.890	5.890	(0.611)	1527	0.20000	0.14 (a)
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.286	6.281	(0.652)	6308	0.20000	0.16 (a)
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	6.345	6.350	(0.658)	2356	0.20000	0.14 (a)
20	Acetone	43	6.516	6.516	(0.676)	40817	0.20000	1.6 (a)
21	Carbon disulfide	76	6.751	6.757	(0.700)	7810	0.20000	0.15 (a)
22	Isopropyl alcohol	45	Compound Not Detected.					
23	3-Chloro-1-propene	41	7.024	7.030	(0.728)	2545	0.20000	0.15 (a)
24	Acetonitrile	41	7.110	7.110	(0.737)	3791	0.20000	0.39 (a)
25	Methylene chloride	49	7.281	7.281	(0.755)	5548	0.20000	0.33 (a)
26	2-Methyl-2-propanol	59	7.415	7.399	(0.769)	4993	0.20000	0.15 (aM)
27	Methyl tert-butyl ether	73	7.623	7.623	(0.790)	8704	0.20000	0.15 (a)
28	trans-1,2-Dichloroethene	61	7.671	7.672	(0.795)	3781	0.20000	0.15 (a)
29	Acrylonitrile	53	7.768	7.763	(0.805)	1318	0.20000	0.12 (a)
30	Hexane	57	7.982	7.993	(0.828)	6418	0.20000	0.25 (a)
31	1,1-Dichloroethane	63	8.399	8.404	(0.871)	5050	0.20000	0.16 (aM)
32	Vinyl acetate	43	8.410	8.415	(0.872)	5340	0.20000	0.14 (aM)
M 33	1,2-Dichloroethene,Total	61				6734	0.40000	0.29
34	cis-1,2-Dichloroethene	96	9.282	9.293	(0.962)	2953	0.20000	0.15 (a)
35	Ethyl acetate	88	Compound Not Detected.					
36	2-Butanone (MEK)	72	9.292	9.293	(0.963)	2857	0.20000	0.31 (aQ)
* 37	Bromochloromethane	128	9.645	9.656	(1.000)	223786	10.0000	
38	Tetrahydrofuran	42	9.688	9.667	(0.877)	2259	0.20000	0.14 (a)
39	Chloroform	83	9.720	9.726	(1.008)	7171	0.20000	0.16 (a)
40	Cyclohexane	84	9.983	9.983	(0.904)	3946	0.20000	0.15 (a)
41	1,1,1-Trichloroethane	97	9.972	9.977	(0.903)	8364	0.20000	0.15 (a)
42	Carbon tetrachloride	117	10.170	10.175	(0.921)	10101	0.20000	0.16 (a)
43	Isooctane	57	10.453	10.459	(0.947)	12753	0.20000	0.16 (a)
44	Benzene	78	10.496	10.502	(0.951)	13761	0.20000	0.23
45	1,2-Dichloroethane	62	10.603	10.609	(0.960)	4878	0.20000	0.15 (a)
46	n-Heptane	43	10.705	10.705	(0.969)	5313	0.20000	0.19 (a)
* 47	1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1111655	10.0000	
48	n-Butanol	56	11.245	11.234	(1.018)	2453	0.20000	0.26 (a)
49	Trichloroethene	95	11.400	11.400	(1.032)	4413	0.20000	0.15 (a)
50	1,2-Dichloropropane	63	11.769	11.780	(1.066)	2833	0.20000	0.15 (a)
51	Methyl methacrylate	69	11.823	11.823	(1.071)	2555	0.20000	0.12 (aQ)
52	Dibromomethane	174	11.957	11.962	(1.083)	4211	0.20000	0.14 (a)
53	1,4-Dioxane	88	Compound Not Detected.					
54	Dichlorobromomethane	83	12.128	12.133	(1.098)	6715	0.20000	0.13 (a)
55	cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	5064	0.20000	0.14 (a)
56	4-Methyl-2-pentanone (MIBK)	43	12.925	12.920	(1.171)	5125	0.20000	0.14 (a)
57	n-Octane	43	13.171	13.171	(1.193)	7078	0.20000	0.18 (a)
58	Toluene	92	13.187	13.187	(0.871)	12195	0.20000	0.25
59	trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	5831	0.20000	0.14 (a)
60	1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	3097	0.20000	0.14 (a)
61	Tetrachloroethene	166	13.952	13.952	(0.922)	6848	0.20000	0.15 (a)
62	2-Hexanone	43	14.096	14.097	(0.931)	5549	0.20000	0.15 (a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.369	14.375	(0.949)	6491	0.20000	0.12(a)
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	6202	0.20000	0.13(a)
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1070315	10.0000	
	66 Chlorobenzene	112	15.177	15.183	(1.002)	10460	0.20000	0.15(a)
	67 n-Nonane	57	15.279	15.273	(1.009)	6870	0.20000	0.17(a)
	68 Ethylbenzene	91	15.252	15.252	(1.007)	19096	0.20000	0.18(a)
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	15046	0.40000	0.34(a)
M	70 Xylenes, Total	106				21980	0.20000	0.51
	71 o-Xylene	106	15.915	15.915	(1.051)	6934	0.20000	0.16(a)
	72 Styrene	104	15.937	15.937	(1.053)	7490	0.20000	0.12(a)
	73 Bromoform	173	16.226	16.226	(1.072)	6839	0.20000	0.11(a)
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	19172	0.20000	0.15(a)
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	8788	0.20000	0.15(a)
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	22717	0.20000	0.15(a)
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	8212	0.20000	0.16(a)
	79 n-Decane	57	16.873	16.873	(1.114)	8648	0.20000	0.16(a)
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	22621	0.20000	0.17(a)
	81 2-Chlorotoluene	91	16.964	16.969	(1.120)	17215	0.20000	0.15(aM)
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	16442	0.20000	0.15(a)
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	17226	0.20000	0.15(a)
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	18288	0.20000	0.16(a)
	86 sec-Butylbenzene	105	17.622	17.627	(1.164)	23635	0.20000	0.15(a)
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	20730	0.20000	0.14(a)
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.179)	13362	0.20000	0.15(a)
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	13931	0.20000	0.16(a)
	90 Benzyl chloride	91	18.114	18.120	(1.196)	16248	0.20000	0.15(a)
	91 Undecane	57	18.248	18.248	(1.205)	9516	0.20000	0.15(a)
	92 n-Butylbenzene	91	18.285	18.285	(1.208)	18064	0.20000	0.15(a)
	93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	12494	0.20000	0.15(a)
	94 Dodecane	57	19.703	19.703	(1.301)	9776	0.20000	0.16(aM)
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	11853	0.20000	0.16(a)
	96 Hexachlorobutadiene	225	20.965	20.966	(1.385)	8217	0.20000	0.14(a)
	97 Naphthalene	128	21.276	21.281	(1.405)	29669	0.20000	0.19(a)
	98 1,2,3-Trichlorobenzene	180	21.747	21.752	(1.436)	11495	0.20000	0.17(a)

QC Flag Legend

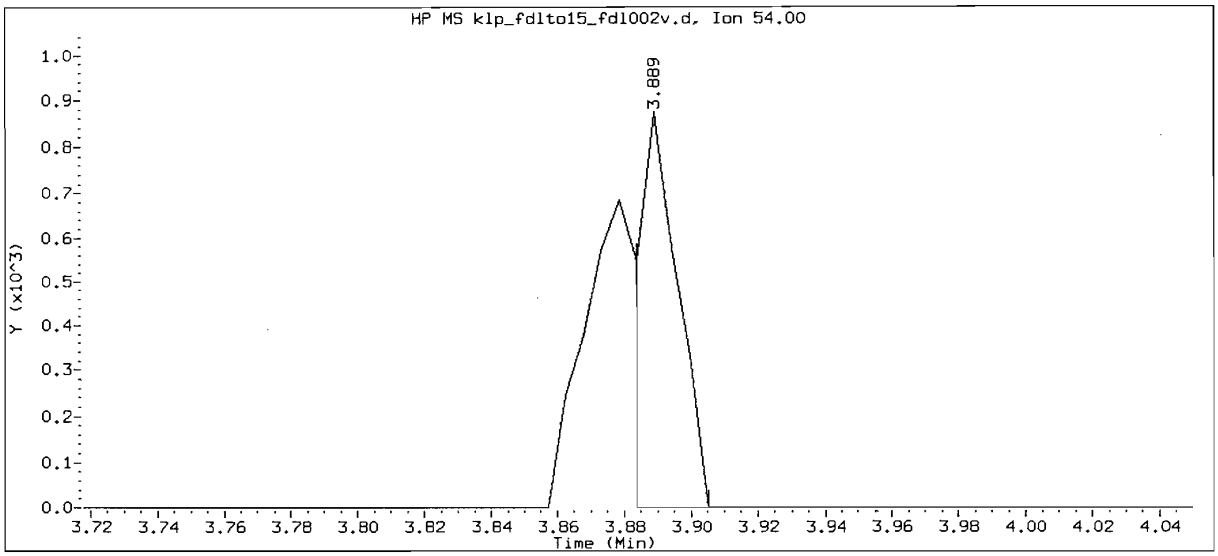
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

MANUAL INTEGRATION REPORT

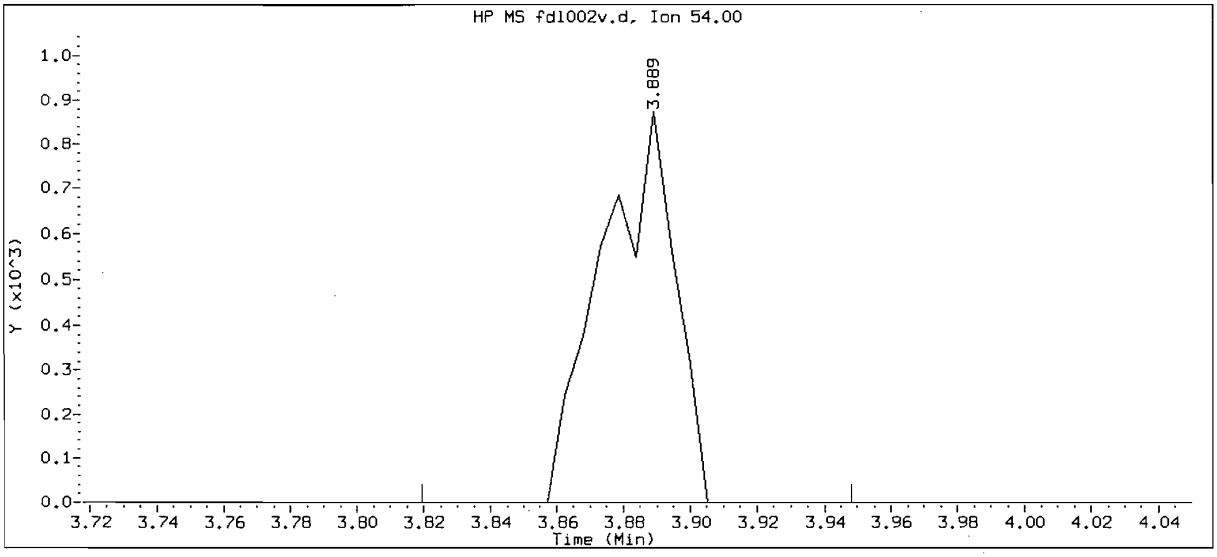
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Butadiene

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 106-99-0

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41



Original Integration: Area = 742



Final Integration: Area = 1344

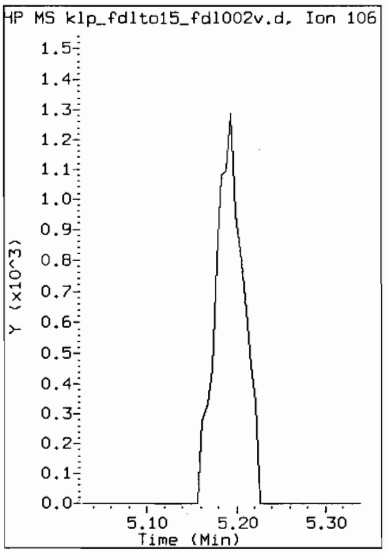
Manual Integration Reason: MI2 - Peak missed

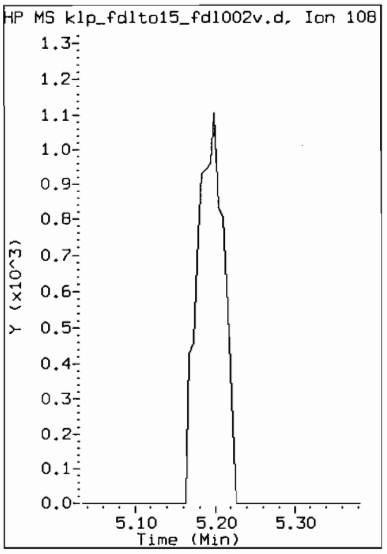
MANUAL INTEGRATION REPORT

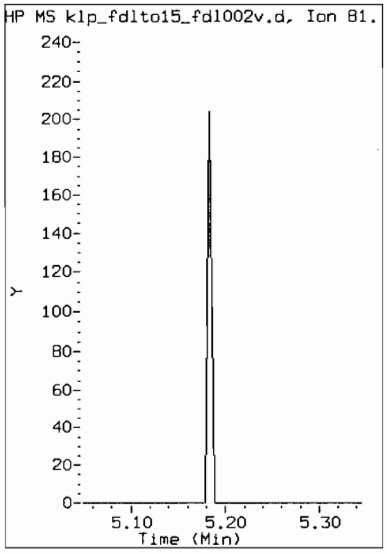
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Vinyl bromide

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 593-60-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

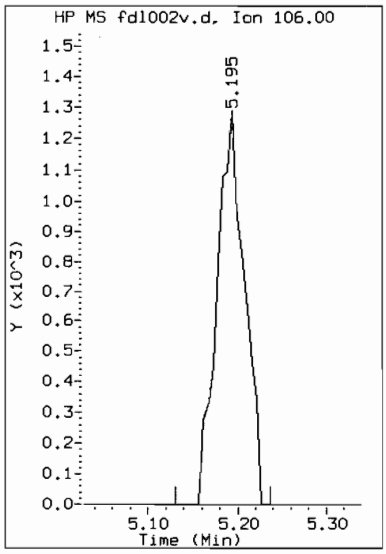


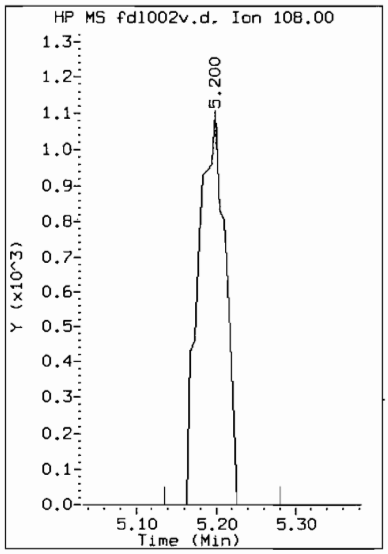


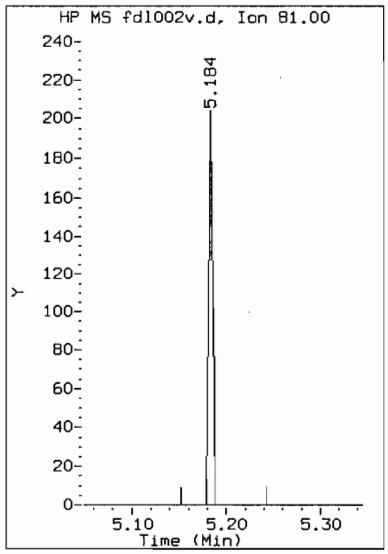


Original Integrations:

Area = 0 Area = 0 Area = 0







Final Integrations:

Area = 2736 Area = 2591 Area = 65

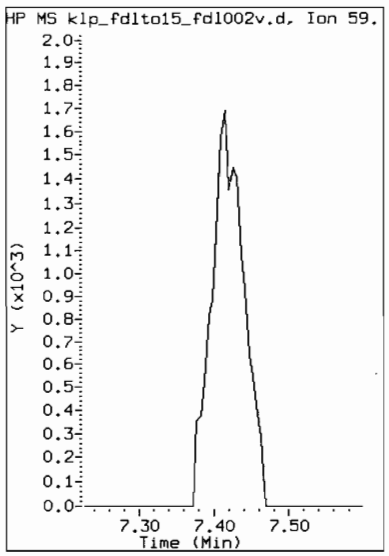
Manual Integration Reason: MI2 - Peak missed

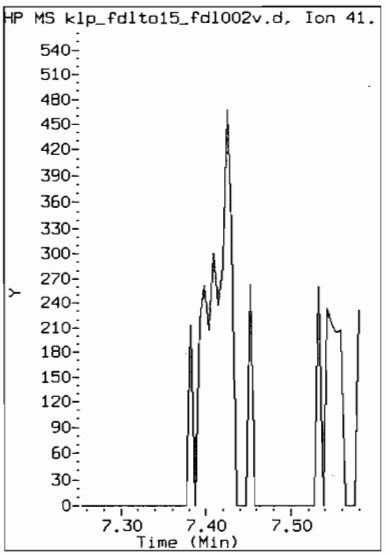
MANUAL INTEGRATION REPORT

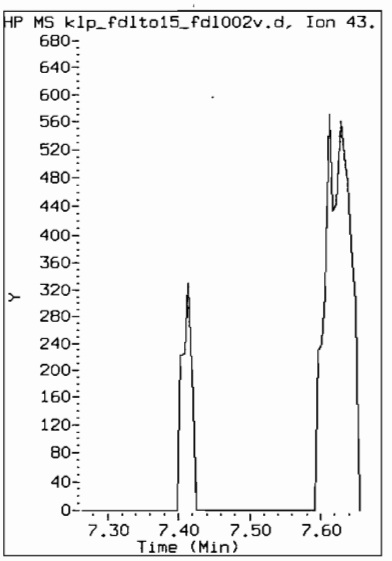
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: 2-Methyl-2-propanol

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 75-65-0

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

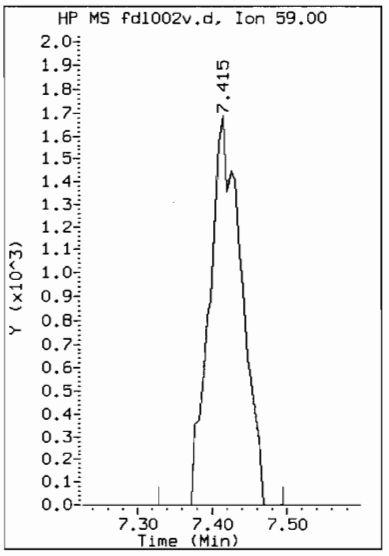


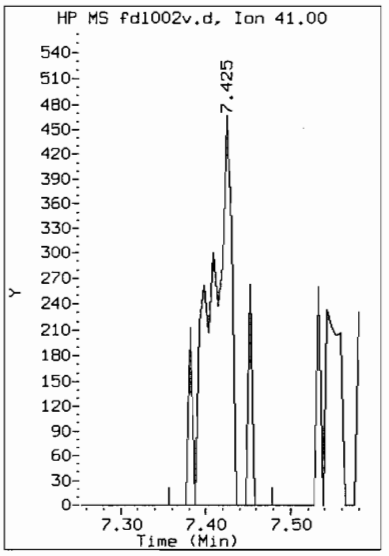


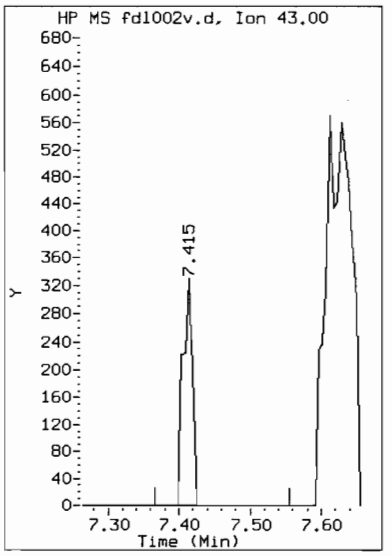


Original Integrations:

Area = 0 Area = 0 Area = 0







Final Integrations:

Area = 4993 Area = 893 Area = 312

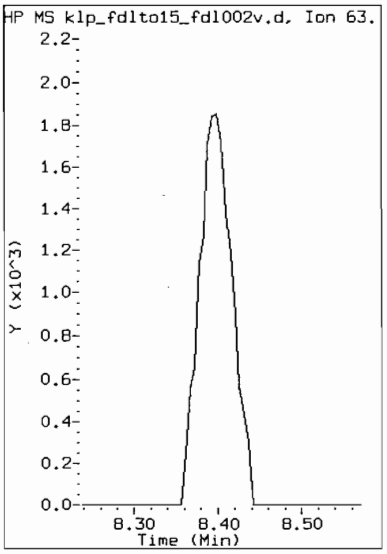
Manual Integration Reason: MI2 - Peak missed

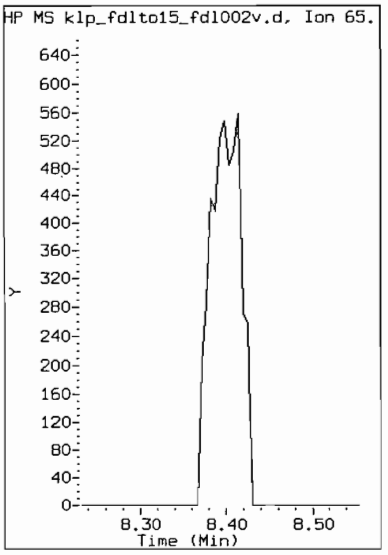
MANUAL INTEGRATION REPORT

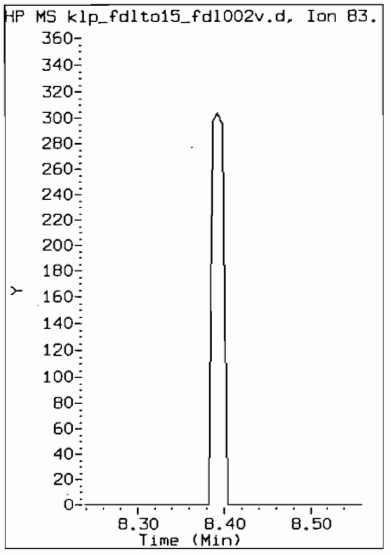
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: 1,1-Dichloroethane

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 75-34-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

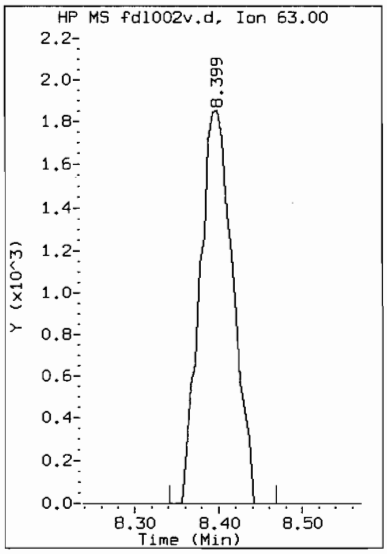


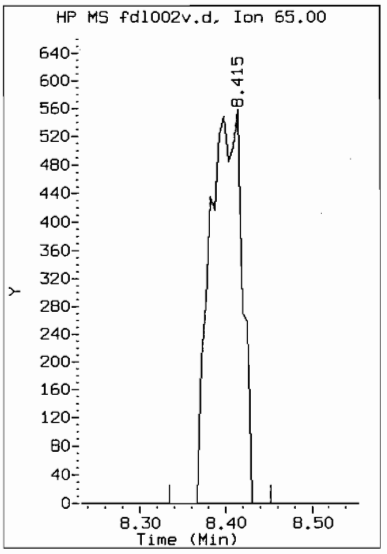


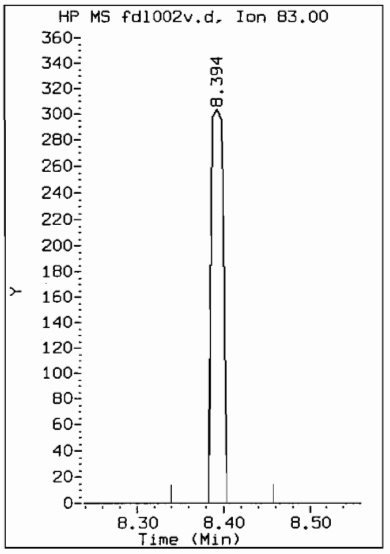


Original Integrations:

Area = 0 Area = 0 Area = 0







Final Integrations:

Area = 5050 Area = 1440 Area = 287

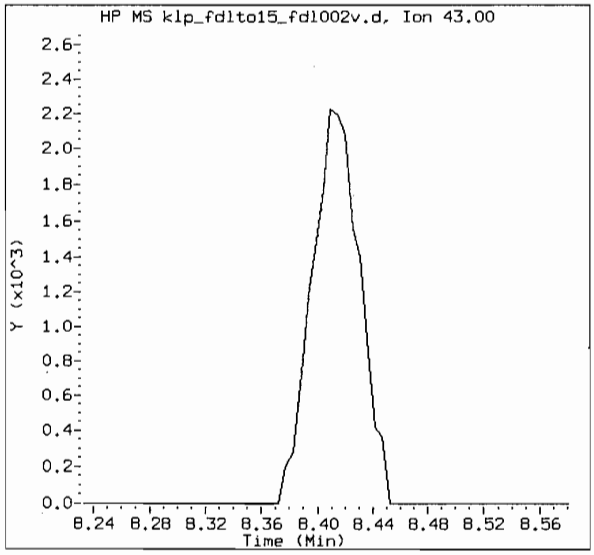
Manual Integration Reason: MI2 - Peak missed

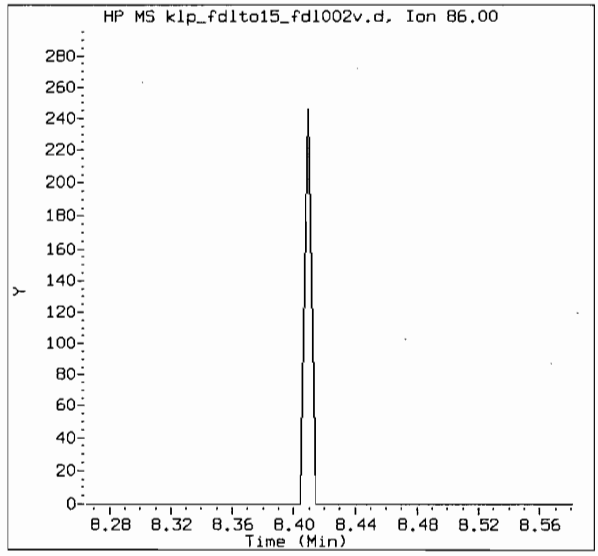
MANUAL INTEGRATION REPORT

Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Vinyl acetate

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 108-05-4

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

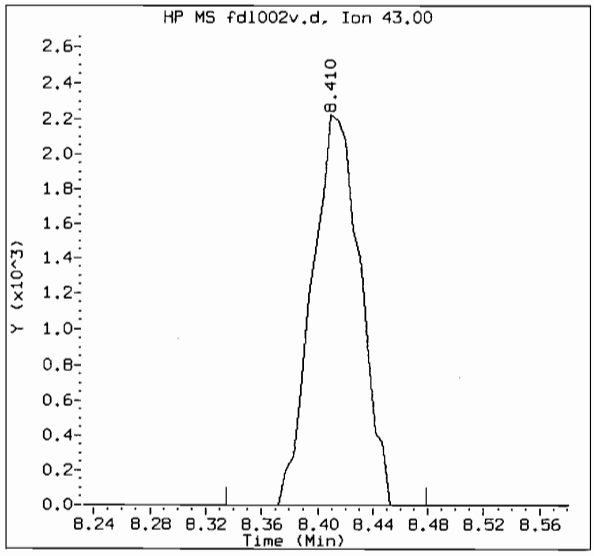


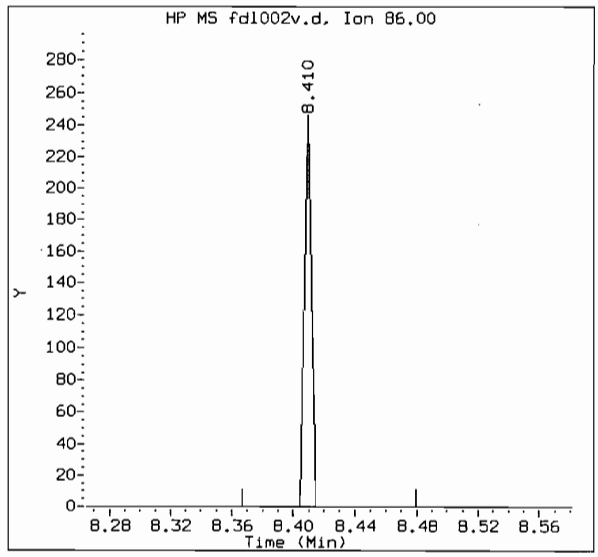


Original Integrations:

Area = 3871

Area = 971





Final Integrations:

Area = 5340

Area = 78

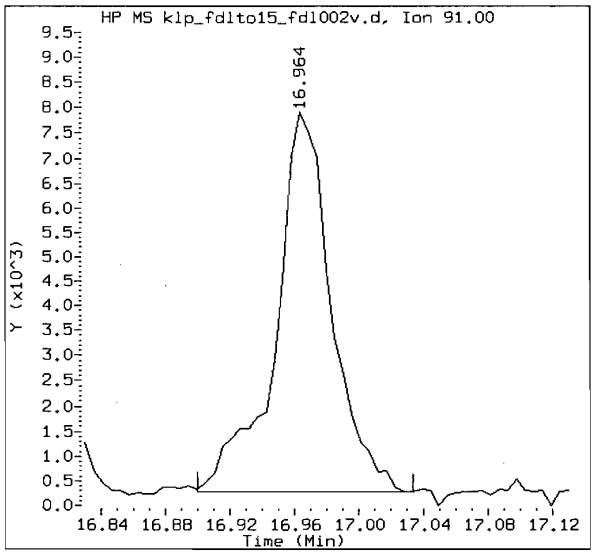
Manual Integration Reason: MI2 - Peak missed

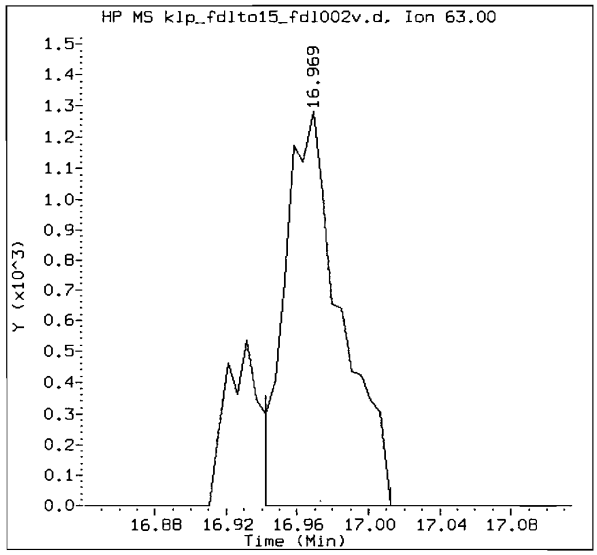
MANUAL INTEGRATION REPORT

Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

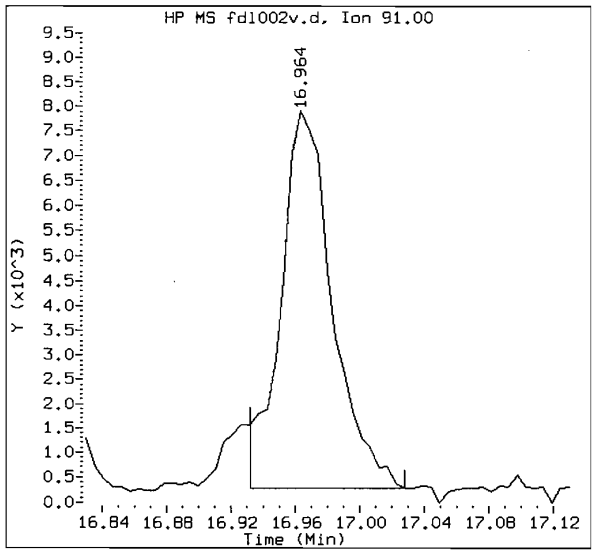


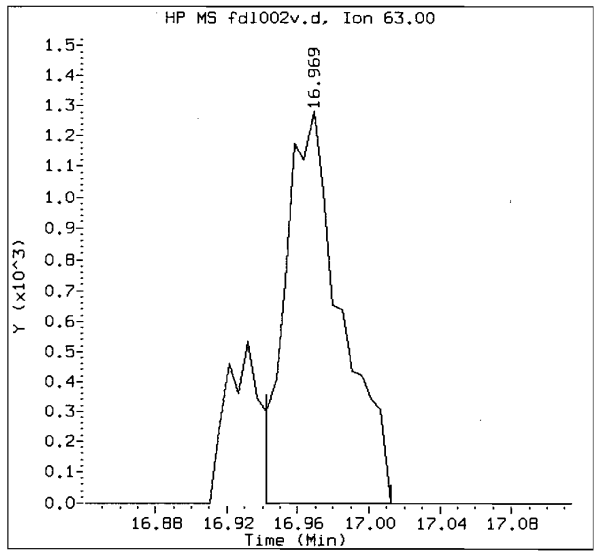


Original Integrations:

Area = 18573

Area = 2834





Final Integrations:

Area = 17215

Area = 2834

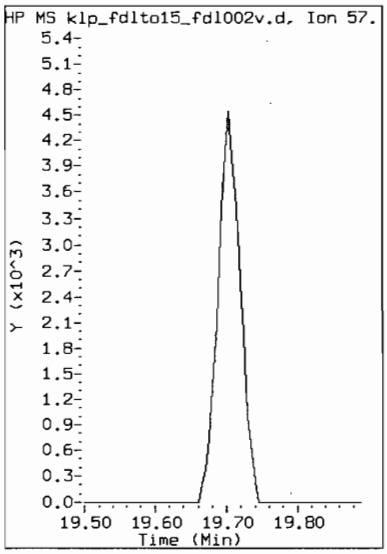
Manual Integration Reason: MI1 - Poor automated baseline

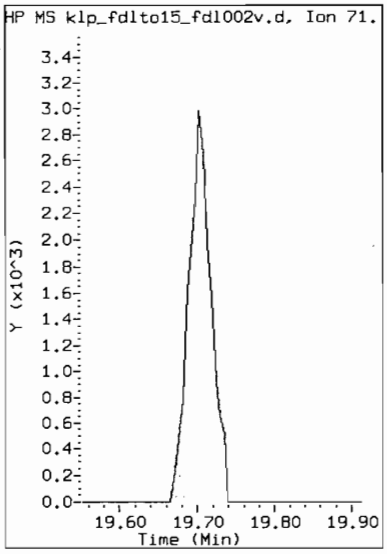
MANUAL INTEGRATION REPORT

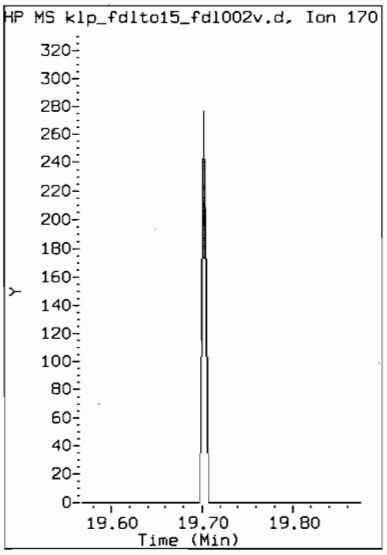
Data File Name: fdl002v.d
Client Sample ID: ASTD0.2
Compound Name: Dodecane

Inj. Date and Time: 03-FEB-2010 21:06
Instrument ID: F.i
CAS #: 112-40-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41







Original Integrations:

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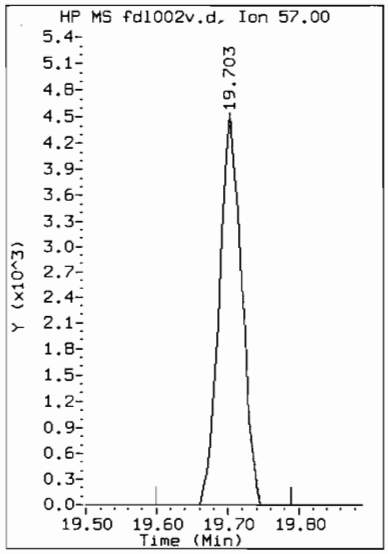
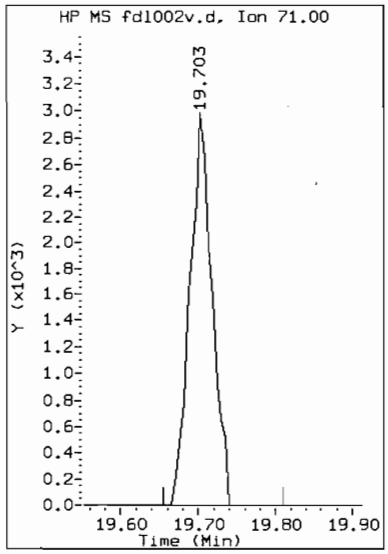
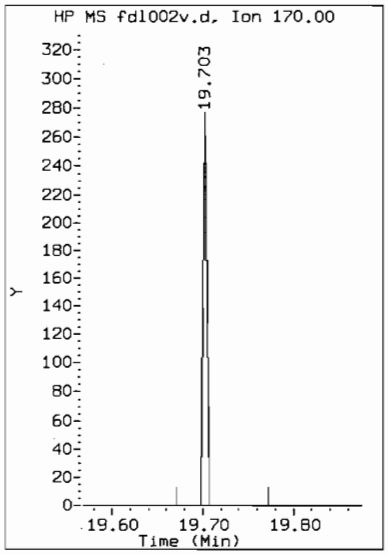






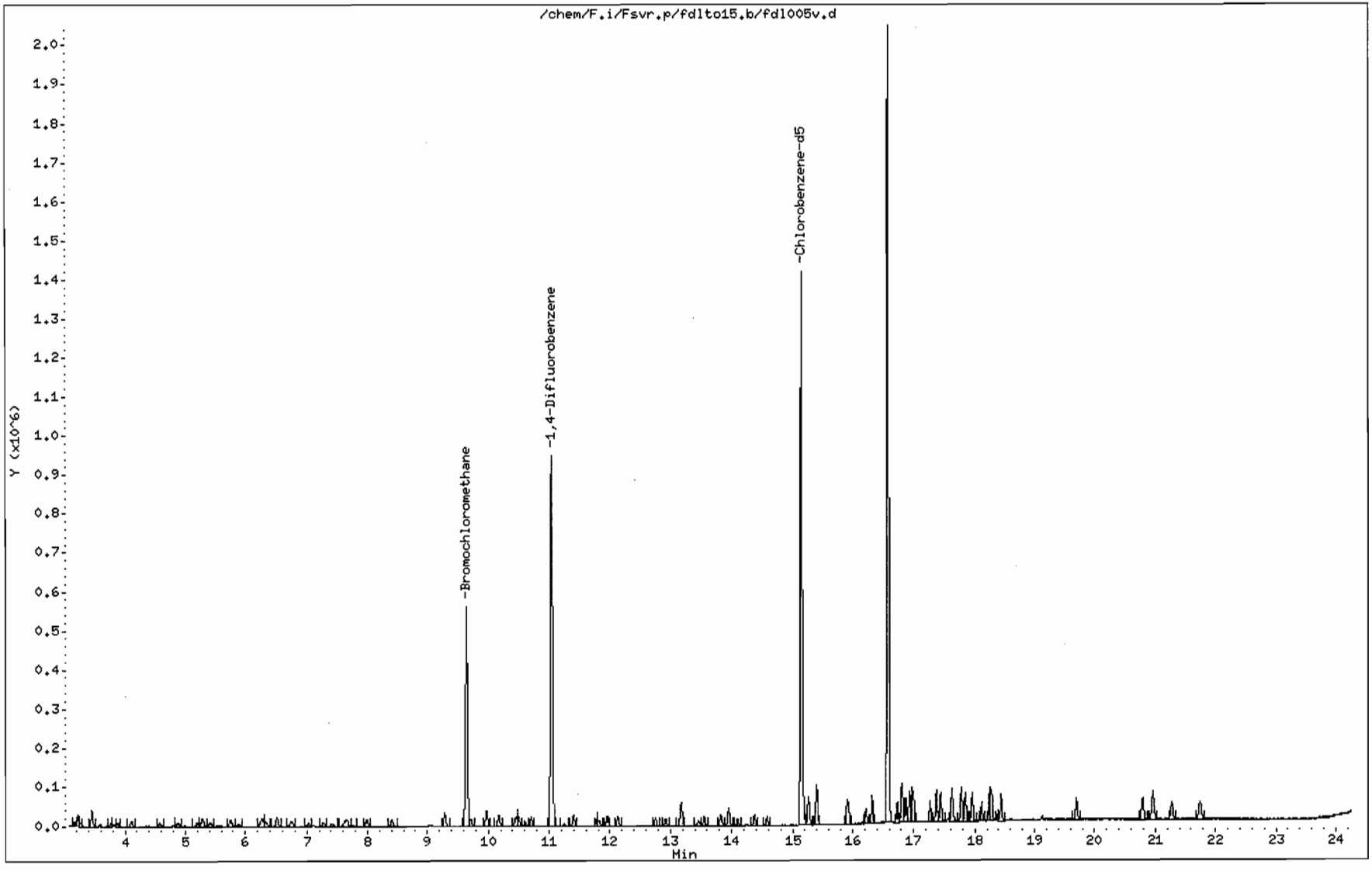
Final Integrations:

Area = 9776 Area = 5983 Area = 88

Manual Integration Reason: MI2 - Peak missed

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl005v.d
Date : 03-FEB-2010 21:57
Client ID: ASTD0.5
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl005v.d
Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
Inj Date : 03-FEB-2010 21:57
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD0005;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 21:57 Cal File: fdl005v.d
Als bottle: 2 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	4975	0.50000	0.62
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	27113	0.50000	0.51
3 Chlorodifluoromethane	51	3.269	3.269	(0.339)	11079	0.50000	0.52
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	24430	0.50000	0.52
5 Chloromethane	50	3.590	3.595	(0.372)	5280	0.50000	0.54
6 Butane	43	3.777	3.777	(0.392)	8422	0.50000	0.52
7 Vinyl chloride	62	3.814	3.820	(0.395)	6543	0.50000	0.50
8 Butadiene	54	3.889	3.889	(0.403)	4390	0.50000	0.49(a)
9 Bromomethane	94	4.579	4.579	(0.475)	8230	0.50000	0.48
10 Chloroethane	64	4.809	4.809	(0.499)	3564	0.50000	0.47(a)
11 2-Methylbutane	43	4.879	4.884	(0.506)	6984	0.50000	0.47
12 Vinyl bromide	106	5.189	5.200	(0.538)	8423	0.50000	0.47
13 Trichlorofluoromethane	101	5.285	5.291	(0.548)	30299	0.50000	0.48
14 Pentane	43	5.414	5.425	(0.561)	10413	0.50000	0.52
15 Ethanol	45	5.762	5.751	(0.597)	26994	5.00000	5.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16	Ethyl ether	59	5.895	5.890	(0.611)	4818	0.50000	0.48
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.281	6.281	(0.651)	16442	0.50000	0.47
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	6.339	6.350	(0.657)	7070	0.50000	0.46
20	Acetone	43	6.511	6.516	(0.675)	39809	0.50000	1.7(a)
21	Carbon disulfide	76	6.751	6.757	(0.700)	20997	0.50000	0.45(a)
22	Isopropyl alcohol	45	Compound Not Detected.					
23	3-Chloro-1-propene	41	7.029	7.030	(0.729)	8086	0.50000	0.52
24	Acetonitrile	41	7.104	7.110	(0.737)	4806	0.50000	0.54(a)
25	Methylene chloride	49	7.281	7.281	(0.755)	8403	0.50000	0.54
26	2-Methyl-2-propanol	59	7.415	7.399	(0.769)	13924	0.50000	0.46(a)
27	Methyl tert-butyl ether	73	7.629	7.623	(0.791)	25201	0.50000	0.49(a)
28	trans-1,2-Dichloroethene	61	7.666	7.672	(0.795)	11238	0.50000	0.48
29	Acrylonitrile	53	7.757	7.763	(0.804)	4716	0.50000	0.47(a)
30	Hexane	57	7.987	7.993	(0.828)	10959	0.50000	0.46(a)
31	1,1-Dichloroethane	63	8.399	8.404	(0.871)	14162	0.50000	0.49
32	Vinyl acetate	43	8.410	8.415	(0.872)	16123	0.50000	0.45(a)
M 33	1,2-Dichloroethene,Total	61				19602	1.00000	0.94
34	cis-1,2-Dichloroethene	96	9.292	9.293	(0.963)	8364	0.50000	0.46
35	Ethyl acetate	88	9.308	9.298	(0.965)	430	0.50000	0.27(aQ)
36	2-Butanone(MEK)	72	9.292	9.293	(0.963)	4899	0.50000	0.58(Q)
* 37	Bromochloromethane	128	9.646	9.656	(1.000)	203898	10.0000	
38	Tetrahydrofuran	42	9.672	9.667	(0.876)	6976	0.50000	0.47(a)
39	Chloroform	83	9.720	9.726	(1.008)	20890	0.50000	0.50
40	Cyclohexane	84	9.983	9.983	(0.904)	11215	0.50000	0.47
41	1,1,1-Trichloroethane	97	9.972	9.977	(0.903)	24999	0.50000	0.48
42	Carbon tetrachloride	117	10.175	10.175	(0.922)	26560	0.50000	0.45
43	Isooctane	57	10.459	10.459	(0.947)	34739	0.50000	0.48
44	Benzene	78	10.501	10.502	(0.951)	24686	0.50000	0.45
45	1,2-Dichloroethane	62	10.603	10.609	(0.960)	15015	0.50000	0.51
46	n-Heptane	43	10.699	10.705	(0.969)	12165	0.50000	0.48
* 47	1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1012268	10.0000	
48	n-Butanol	56	11.245	11.234	(1.018)	4629	0.50000	0.54(a)
49	Trichloroethene	95	11.395	11.400	(1.032)	12789	0.50000	0.47
50	1,2-Dichloropropane	63	11.775	11.780	(1.066)	8303	0.50000	0.48
51	Methyl methacrylate	69	11.823	11.823	(1.071)	7030	0.50000	0.37(aQ)
52	Dibromomethane	174	11.957	11.962	(1.083)	11713	0.50000	0.42
53	1,4-Dioxane	88	Compound Not Detected.					
54	Dichlorobromomethane	83	12.133	12.133	(1.099)	20950	0.50000	0.44
55	cis-1,3-Dichloropropene	75	12.764	12.759	(1.156)	14374	0.50000	0.45
56	4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.171)	15174	0.50000	0.45(a)
57	n-Octane	43	13.166	13.171	(1.192)	17484	0.50000	0.50
58	Toluene	92	13.187	13.187	(0.871)	19259	0.50000	0.42
59	trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	16884	0.50000	0.45
60	1,1,2-Trichloroethane	83	13.818	13.824	(0.913)	9109	0.50000	0.46
61	Tetrachloroethene	166	13.952	13.952	(0.922)	18199	0.50000	0.43
62	2-Hexanone	43	14.102	14.097	(0.931)	15026	0.50000	0.45(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	19894	0.50000	0.38
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	18627	0.50000	0.44
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	988647	10.0000	
	66 Chlorobenzene	112	15.177	15.183	(1.002)	27793	0.50000	0.44
	67 n-Nonane	57	15.273	15.273	(1.009)	18205	0.50000	0.50
	68 Ethylbenzene	91	15.252	15.252	(1.007)	46042	0.50000	0.46
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	35707	1.00000	0.87
M	70 Xylenes, Total	106				53234	0.50000	1.3
	71 o-Xylene	106	15.915	15.915	(1.051)	17527	0.50000	0.44(Q)
	72 Styrene	104	15.937	15.937	(1.053)	22929	0.50000	0.39
	73 Bromoform	173	16.226	16.226	(1.072)	19787	0.50000	0.35
	74 Isopropylbenzene	105	16.322	16.327	(1.078)	54275	0.50000	0.46
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	25388	0.50000	0.47
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	64548	0.50000	0.47
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	22969	0.50000	0.50
	79 n-Decane	57	16.873	16.873	(1.114)	23568	0.50000	0.48(a)
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	56917	0.50000	0.45
	81 2-Chlorotoluene	91	16.964	16.969	(1.120)	50900	0.50000	0.49
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	45291	0.50000	0.43
	83 Alpha Methyl Styrene	118	17.263	17.269	(1.140)	18399	0.50000	0.36
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	47394	0.50000	0.45
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	48003	0.50000	0.45
	86 sec-Butylbenzene	105	17.622	17.627	(1.164)	67950	0.50000	0.46
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	59099	0.50000	0.44
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.179)	34905	0.50000	0.43
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	35312	0.50000	0.43
	90 Benzyl chloride	91	18.114	18.120	(1.196)	39523	0.50000	0.41
	91 Undecane	57	18.248	18.248	(1.205)	27253	0.50000	0.47(a)
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	52634	0.50000	0.46
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	33784	0.50000	0.44
	94 Dodecane	57	19.703	19.703	(1.301)	25485	0.50000	0.44(a)
	95 1,2,4-Trichlorobenzene	180	20.789	20.794	(1.373)	27147	0.50000	0.40(a)
	96 Hexachlorobutadiene	225	20.965	20.966	(1.385)	23250	0.50000	0.44
	97 Naphthalene	128	21.276	21.281	(1.405)	62190	0.50000	0.43(a)
	98 1,2,3-Trichlorobenzene	180	21.747	21.752	(1.436)	26006	0.50000	0.42

QC Flag Legend

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

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl05v.d

Page 4

Date : 03-FEB-2010 22:48

Client ID: ASTD005

Instrument: F.i

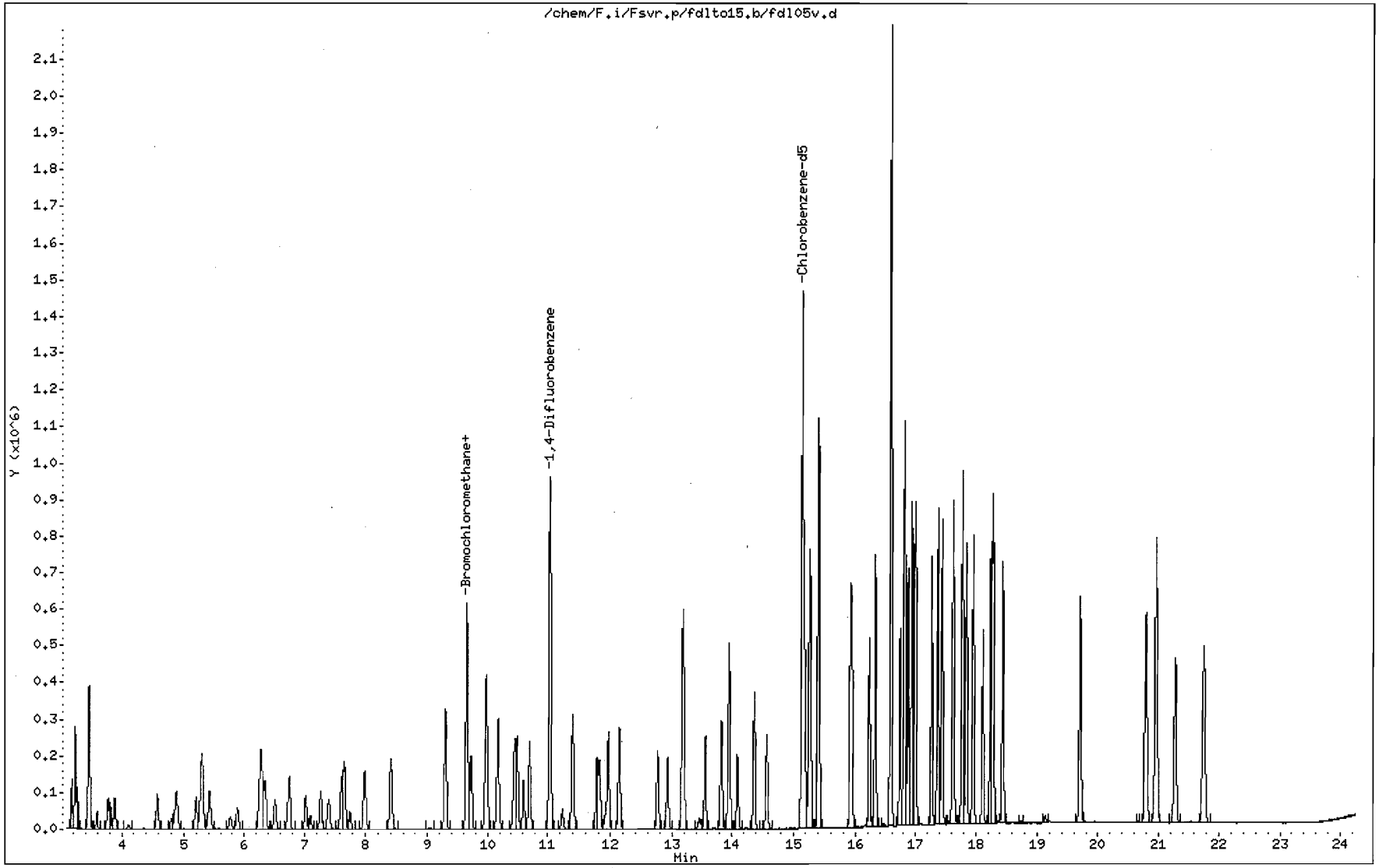
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl05v.d
Lab Smp Id: ASTD005 Client Smp ID: ASTD005
Inj Date : 03-FEB-2010 22:48
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD005;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 22:48 Cal File: fdl05v.d
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	40103	5.00000	5.0
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	257699	5.00000	4.8
3 Chlorodifluoromethane	51	3.269	3.269	(0.339)	111459	5.00000	5.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	250197	5.00000	5.3
5 Chloromethane	50	3.595	3.595	(0.372)	49044	5.00000	5.0
6 Butane	43	3.777	3.777	(0.391)	83898	5.00000	5.2
7 Vinyl chloride	62	3.820	3.820	(0.396)	68393	5.00000	5.2
8 Butadiene	54	3.884	3.889	(0.402)	48218	5.00000	5.3
9 Bromomethane	94	4.579	4.579	(0.474)	82502	5.00000	4.8
10 Chloroethane	64	4.809	4.809	(0.498)	36644	5.00000	4.8
11 2-Methylbutane	43	4.879	4.884	(0.506)	69799	5.00000	4.7
12 Vinyl bromide	106	5.200	5.200	(0.539)	86230	5.00000	4.8
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	313156	5.00000	4.9
14 Pentane	43	5.419	5.425	(0.562)	102748	5.00000	5.1
15 Ethanol	45	5.767	5.751	(0.598)	51782	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.890	5.890	(0.610)	50998	5.00000	5.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.280	6.281	(0.651)	169558	5.00000	4.8
	18 Acrolein	56	6.243	6.243	(0.647)	26201	5.00000	4.7(a)
	19 1,1-Dichloroethene	96	6.345	6.350	(0.657)	73136	5.00000	4.8
	20 Acetone	43	6.516	6.516	(0.675)	143056	5.00000	6.2
	21 Carbon disulfide	76	6.757	6.757	(0.700)	220136	5.00000	4.7
	22 Isopropyl alcohol	45	6.730	6.719	(0.697)	86537	5.00000	5.3
	23 3-Chloro-1-propene	41	7.029	7.030	(0.728)	79617	5.00000	5.1
	24 Acetonitrile	41	7.110	7.110	(0.737)	45648	5.00000	5.1
	25 Methylene chloride	49	7.281	7.281	(0.754)	76616	5.00000	4.9
	26 2-Methyl-2-propanol	59	7.409	7.399	(0.768)	151240	5.00000	5.0
	27 Methyl tert-butyl ether	73	7.629	7.623	(0.790)	256712	5.00000	4.9
	28 trans-1,2-Dichloroethene	61	7.666	7.672	(0.794)	119739	5.00000	5.1
	29 Acrylonitrile	53	7.757	7.763	(0.804)	47976	5.00000	4.7
	30 Hexane	57	7.992	7.993	(0.828)	110101	5.00000	4.6
	31 1,1-Dichloroethane	63	8.404	8.404	(0.871)	147134	5.00000	5.0
	32 Vinyl acetate	43	8.415	8.415	(0.872)	177458	5.00000	4.9(a)
M	33 1,2-Dichloroethene,Total	61				207939	10.0000	9.9
	34 cis-1,2-Dichloroethene	96	9.287	9.293	(0.962)	88200	5.00000	4.8
	35 Ethyl acetate	88	9.298	9.298	(0.963)	7070	5.00000	4.4(aQ)
	36 2-Butanone(MEK)	72	9.292	9.293	(0.963)	39223	5.00000	4.6(Q)
*	37 Bromochloromethane	128	9.651	9.656	(1.000)	205008	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	73911	5.00000	4.9(a)
	39 Chloroform	83	9.726	9.726	(1.008)	210013	5.00000	5.0
	40 Cyclohexane	84	9.982	9.983	(0.904)	112636	5.00000	4.7
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	258238	5.00000	4.9
	42 Carbon tetrachloride	117	10.175	10.175	(0.922)	284550	5.00000	4.8
	43 Isooctane	57	10.459	10.459	(0.947)	357239	5.00000	4.9
	44 Benzene	78	10.501	10.502	(0.951)	251027	5.00000	4.5
	45 1,2-Dichloroethane	62	10.603	10.609	(0.960)	151430	5.00000	5.1
	46 n-Heptane	43	10.705	10.705	(0.969)	126819	5.00000	5.0
*	47 1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1017601	10.0000	
	48 n-Butanol	56	11.240	11.234	(1.018)	40184	5.00000	4.6(a)
	49 Trichloroethene	95	11.400	11.400	(1.032)	132664	5.00000	4.8
	50 1,2-Dichloropropane	63	11.780	11.780	(1.067)	86635	5.00000	4.9
	51 Methyl methacrylate	69	11.823	11.823	(1.071)	87356	5.00000	4.6
	52 Dibromomethane	174	11.962	11.962	(1.083)	126048	5.00000	4.5
	53 1,4-Dioxane	88	11.919	11.914	(1.079)	41036	5.00000	4.8(a)
	54 Dichlorobromomethane	83	12.133	12.133	(1.099)	237912	5.00000	5.0
	55 cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	157337	5.00000	4.8
	56 4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.171)	168058	5.00000	4.9
	57 n-Octane	43	13.171	13.171	(1.193)	183291	5.00000	5.2
	58 Toluene	92	13.192	13.187	(0.871)	207085	5.00000	4.4
	59 trans-1,3-Dichloropropene	75	13.556	13.551	(1.228)	188058	5.00000	5.0
	60 1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	98484	5.00000	4.8
	61 Tetrachloroethene	166	13.952	13.952	(0.921)	200149	5.00000	4.5
	62 2-Hexanone	43	14.096	14.097	(0.931)	169011	5.00000	4.9

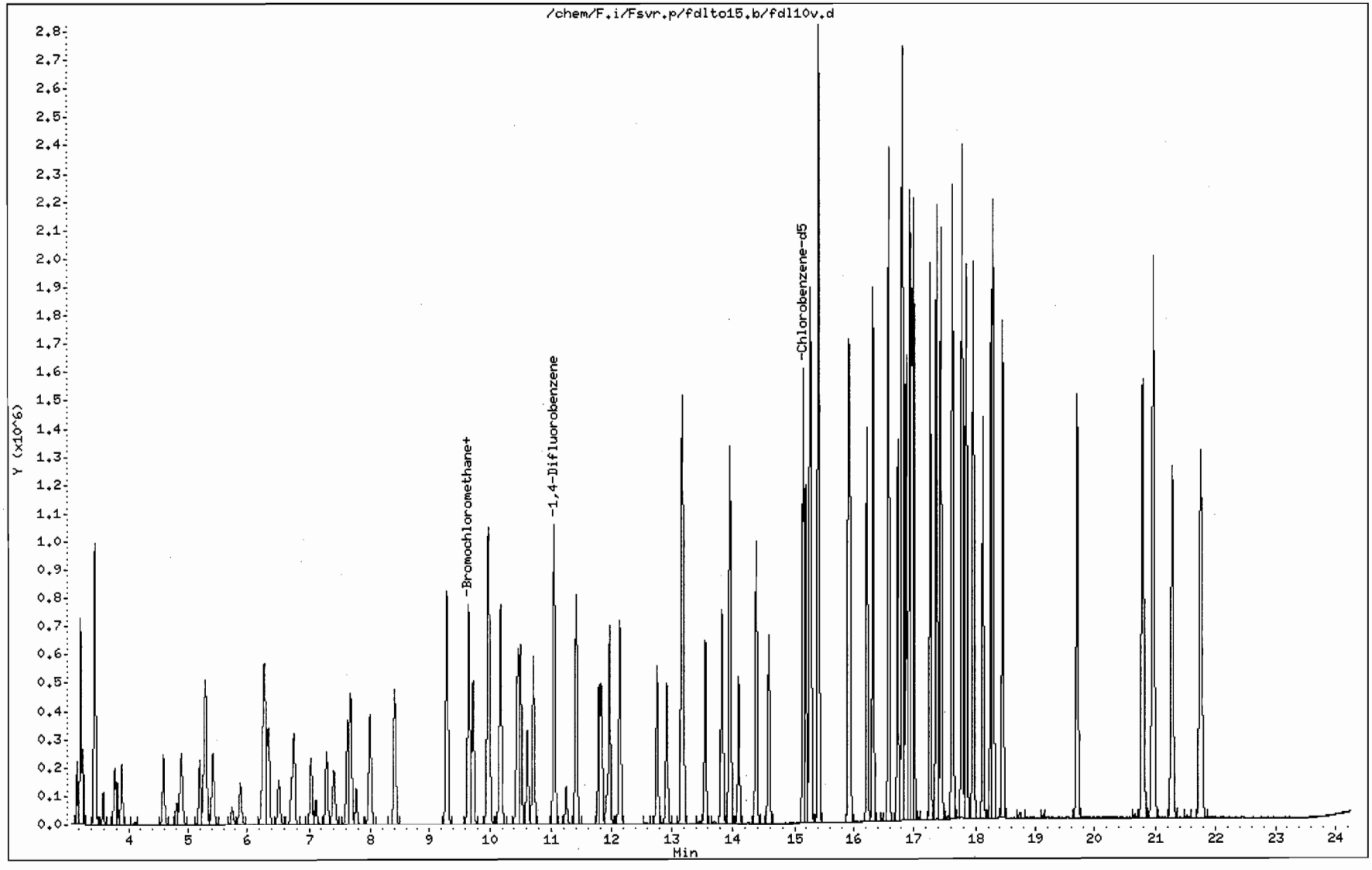
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	257429	5.00000	4.8
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	211380	5.00000	4.8
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1024276	10.0000	
	66 Chlorobenzene	112	15.182	15.183	(1.002)	303942	5.00000	4.7
	67 n-Nonane	57	15.273	15.273	(1.008)	191906	5.00000	5.0
	68 Ethylbenzene	91	15.252	15.252	(1.007)	502333	5.00000	4.8
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	409309	10.0000	9.6
M	70 Xylenes, Total	106				608655	5.00000	15
	71 o-Xylene	106	15.910	15.915	(1.050)	199346	5.00000	4.8
	72 Styrene	104	15.937	15.937	(1.052)	297459	5.00000	4.8
	73 Bromoform	173	16.226	16.226	(1.071)	275254	5.00000	4.7
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	604268	5.00000	4.9
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	278634	5.00000	5.0
	77 n-Propylbenzene	91	16.803	16.803	(1.109)	719091	5.00000	5.1
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	236579	5.00000	4.9
	79 n-Decane	57	16.873	16.873	(1.114)	262224	5.00000	5.1
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	640706	5.00000	4.9
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	539327	5.00000	5.0
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.122)	542972	5.00000	5.0
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	263133	5.00000	5.0
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	535677	5.00000	4.9
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	555305	5.00000	5.0
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	766656	5.00000	5.0
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	685860	5.00000	5.0
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.178)	400015	5.00000	4.8
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	400766	5.00000	4.7
	90 Benzyl chloride	91	18.114	18.120	(1.196)	482493	5.00000	4.8
	91 Undecane	57	18.248	18.248	(1.205)	310811	5.00000	5.1
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	609799	5.00000	5.2
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	384547	5.00000	4.8
	94 Dodecane	57	19.703	19.703	(1.301)	301138	5.00000	5.0
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	299993	5.00000	4.3
	96 Hexachlorobutadiene	225	20.965	20.966	(1.384)	260620	5.00000	4.8
	97 Naphthalene	128	21.281	21.281	(1.405)	646004	5.00000	4.3
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	285122	5.00000	4.4

QC Flag Legend

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

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl10v.d
Date : 03-FEB-2010 23:39
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl10v.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 03-FEB-2010 23:39
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD010;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 03-FEB-2010 23:39 Cal File: fdl10v.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	96136	10.0000	10
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	681231	10.0000	11
3 Chlorodifluoromethane	51	3.269	3.269	(0.338)	262444	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.461	3.461	(0.358)	621084	10.0000	11
5 Chloromethane	50	3.595	3.595	(0.372)	122094	10.0000	11
6 Butane	43	3.777	3.777	(0.391)	201947	10.0000	11
7 Vinyl chloride	62	3.820	3.820	(0.396)	174728	10.0000	12
8 Butadiene	54	3.889	3.889	(0.403)	120998	10.0000	12
9 Bromomethane	94	4.579	4.579	(0.474)	226306	10.0000	12
10 Chloroethane	64	4.809	4.809	(0.498)	93494	10.0000	11
11 2-Methylbutane	43	4.884	4.884	(0.506)	170631	10.0000	10
12 Vinyl bromide	106	5.200	5.200	(0.538)	234018	10.0000	11
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	799685	10.0000	11
14 Pentane	43	5.425	5.425	(0.562)	253947	10.0000	11
15 Ethanol	45	5.751	5.751	(0.596)	89080	15.0000	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.890	5.890	(0.610)	131529	10.0000	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.281	6.281	(0.650)	443770	10.0000	11
	18 Acrolein	56	6.243	6.243	(0.647)	67735	10.0000	11
	19 1,1-Dichloroethene	96	6.350	6.350	(0.658)	195827	10.0000	11
	20 Acetone	43	6.516	6.516	(0.675)	277717	10.0000	11
	21 Carbon disulfide	76	6.757	6.757	(0.700)	573821	10.0000	11
	22 Isopropyl alcohol	45	6.719	6.719	(0.696)	201625	10.0000	11
	23 3-Chloro-1-propene	41	7.030	7.030	(0.728)	199483	10.0000	11
	24 Acetonitrile	41	7.110	7.110	(0.736)	109335	10.0000	11
	25 Methylene chloride	49	7.281	7.281	(0.754)	188259	10.0000	11
	26 2-Methyl-2-propanol	59	7.399	7.399	(0.766)	369240	10.0000	11
	27 Methyl tert-butyl ether	73	7.623	7.623	(0.789)	663702	10.0000	11
	28 trans-1,2-Dichloroethene	61	7.672	7.672	(0.794)	303775	10.0000	11
	29 Acrylonitrile	53	7.763	7.763	(0.804)	125719	10.0000	11
	30 Hexane	57	7.993	7.993	(0.828)	282217	10.0000	10
	31 1,1-Dichloroethane	63	8.404	8.404	(0.870)	375793	10.0000	11
	32 Vinyl acetate	43	8.415	8.415	(0.871)	447687	10.0000	11
M	33 1,2-Dichloroethene,Total	61				538977	20.0000	23
	34 cis-1,2-Dichloroethene	96	9.293	9.293	(0.962)	235202	10.0000	11
	35 Ethyl acetate	88	9.298	9.298	(0.963)	19059	10.0000	10
	36 2-Butanone(MEK)	72	9.293	9.293	(0.962)	99073	10.0000	10
*	37 Bromochloromethane	128	9.656	9.656	(1.000)	233561	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	180590	10.0000	11
	39 Chloroform	83	9.726	9.726	(1.007)	536955	10.0000	11
	40 Cyclohexane	84	9.983	9.983	(0.904)	299109	10.0000	11
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	659937	10.0000	11
	42 Carbon tetrachloride	117	10.175	10.175	(0.922)	739843	10.0000	11
	43 Isooctane	57	10.459	10.459	(0.947)	907997	10.0000	11
	44 Benzene	78	10.502	10.502	(0.951)	646208	10.0000	10
	45 1,2-Dichloroethane	62	10.609	10.609	(0.961)	374467	10.0000	11
	46 n-Heptane	43	10.705	10.705	(0.969)	311798	10.0000	11
*	47 1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1146409	10.0000	
	48 n-Butanol	56	11.234	11.234	(1.017)	101895	10.0000	10
	49 Trichloroethene	95	11.400	11.400	(1.032)	343722	10.0000	11
	50 1,2-Dichloropropane	63	11.780	11.780	(1.067)	222527	10.0000	11
	51 Methyl methacrylate	69	11.823	11.823	(1.071)	236756	10.0000	11
	52 Dibromomethane	174	11.962	11.962	(1.083)	346679	10.0000	11
	53 1,4-Dioxane	88	11.914	11.914	(1.079)	99737	10.0000	10
	54 Dichlorobromomethane	83	12.133	12.133	(1.099)	620827	10.0000	12
	55 cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	414136	10.0000	11
	56 4-Methyl-2-pentanone(MIBK)	43	12.920	12.920	(1.170)	426185	10.0000	11
	57 n-Octane	43	13.171	13.171	(1.193)	439643	10.0000	11
	58 Toluene	92	13.187	13.187	(0.871)	539668	10.0000	10
	59 trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	478614	10.0000	11
	60 1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	257773	10.0000	11
	61 Tetrachloroethene	166	13.952	13.952	(0.921)	545169	10.0000	11
	62 2-Hexanone	43	14.097	14.097	(0.931)	421484	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)	
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	703011	10.0000	12	
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	557439	10.0000	11	
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1148672	10.0000		
	66 Chlorobenzene	112	15.183	15.183	(1.002)	792356	10.0000	11	
	67 n-Nonane	57	15.273	15.273	(1.008)	474315	10.0000	11	
	68 Ethylbenzene	91	15.252	15.252	(1.007)	1283302	10.0000	11	
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	1050240	20.0000	22	
M	70 Xylenes, Total	106				1564893	10.0000	34	
	71 o-Xylene	106	15.915	15.915	(1.051)	514653	10.0000	11	
	72 Styrene	104	15.937	15.937	(1.052)	798437	10.0000	12	
	73 Bromoform	173	16.226	16.226	(1.071)	767570	10.0000	12	
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	1552537	10.0000	11	
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	701578	10.0000	11	
	77 n-Propylbenzene	91	16.803	16.803	(1.109)	1810461	10.0000	11	
	78 1,2,3-Trichloropropane	75	16.820	16.820	(1.111)	578590	10.0000	11	
	79 n-Decane	57	16.873	16.873	(1.114)	631963	10.0000	11	
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	1632087	10.0000	11	
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	1350081	10.0000	11	(M)
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.122)	1381020	10.0000	11	
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	713144	10.0000	12	
	84 tert-butylbenzene	119	17.371	17.371	(1.147)	1353902	10.0000	11	
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	1403396	10.0000	11	
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	1943158	10.0000	11	
	87 4-Isopropyltoluene	119	17.782	17.782	(1.174)	1756773	10.0000	11	
	88 1,3-Dichlorobenzene	146	17.852	17.852	(1.179)	1045117	10.0000	11	
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	1049886	10.0000	11	
	90 Benzyl chloride	91	18.120	18.120	(1.196)	1303700	10.0000	12	
	91 Undecane	57	18.248	18.248	(1.205)	748796	10.0000	11	
	92 n-Butylbenzene	91	18.285	18.285	(1.207)	1519078	10.0000	11	
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	998842	10.0000	11	
	94 Dodecane	57	19.703	19.703	(1.301)	735881	10.0000	11	
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	837505	10.0000	11	
	96 Hexachlorobutadiene	225	20.966	20.966	(1.384)	691982	10.0000	11	
	97 Naphthalene	128	21.281	21.281	(1.405)	1813410	10.0000	11	
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	788528	10.0000	11	

QC Flag Legend

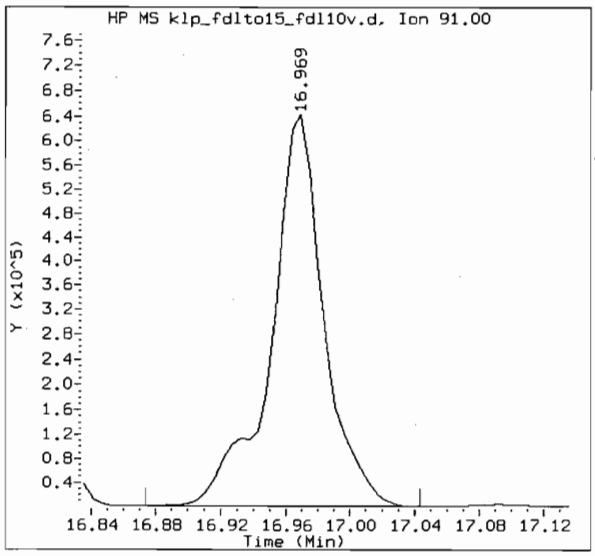
M - Compound response manually integrated.

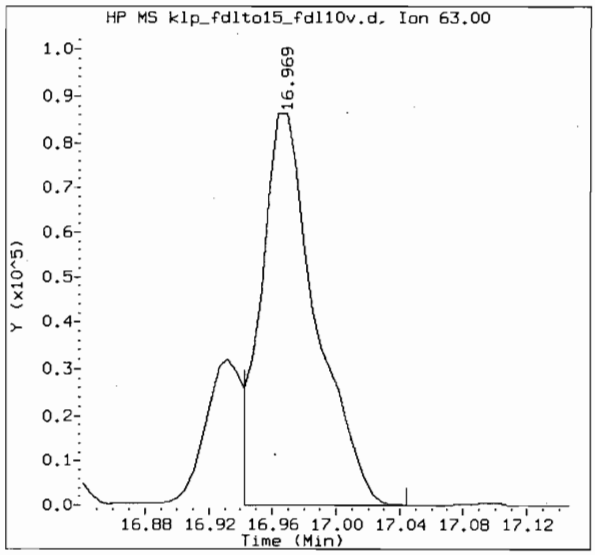
MANUAL INTEGRATION REPORT

Data File Name: fdl10v.d
Client Sample ID: ASTD010
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 03-FEB-2010 23:39
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

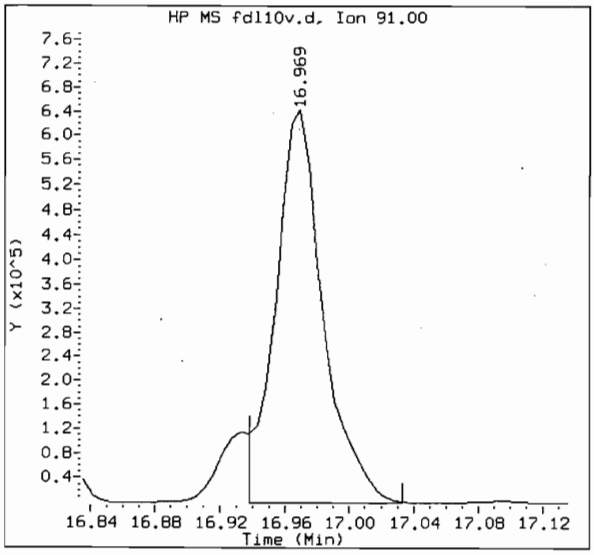


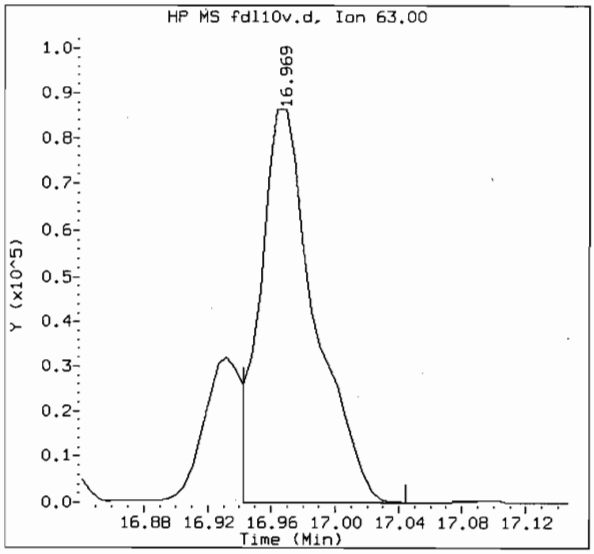


Original Integrations:

Area = 1472545

Area = 209417





Final Integrations:

Area = 1350081

Area = 209417

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl15v.d

Date : 04-FEB-2010 00:29

Client ID: ASTD015

Instrument: F.i

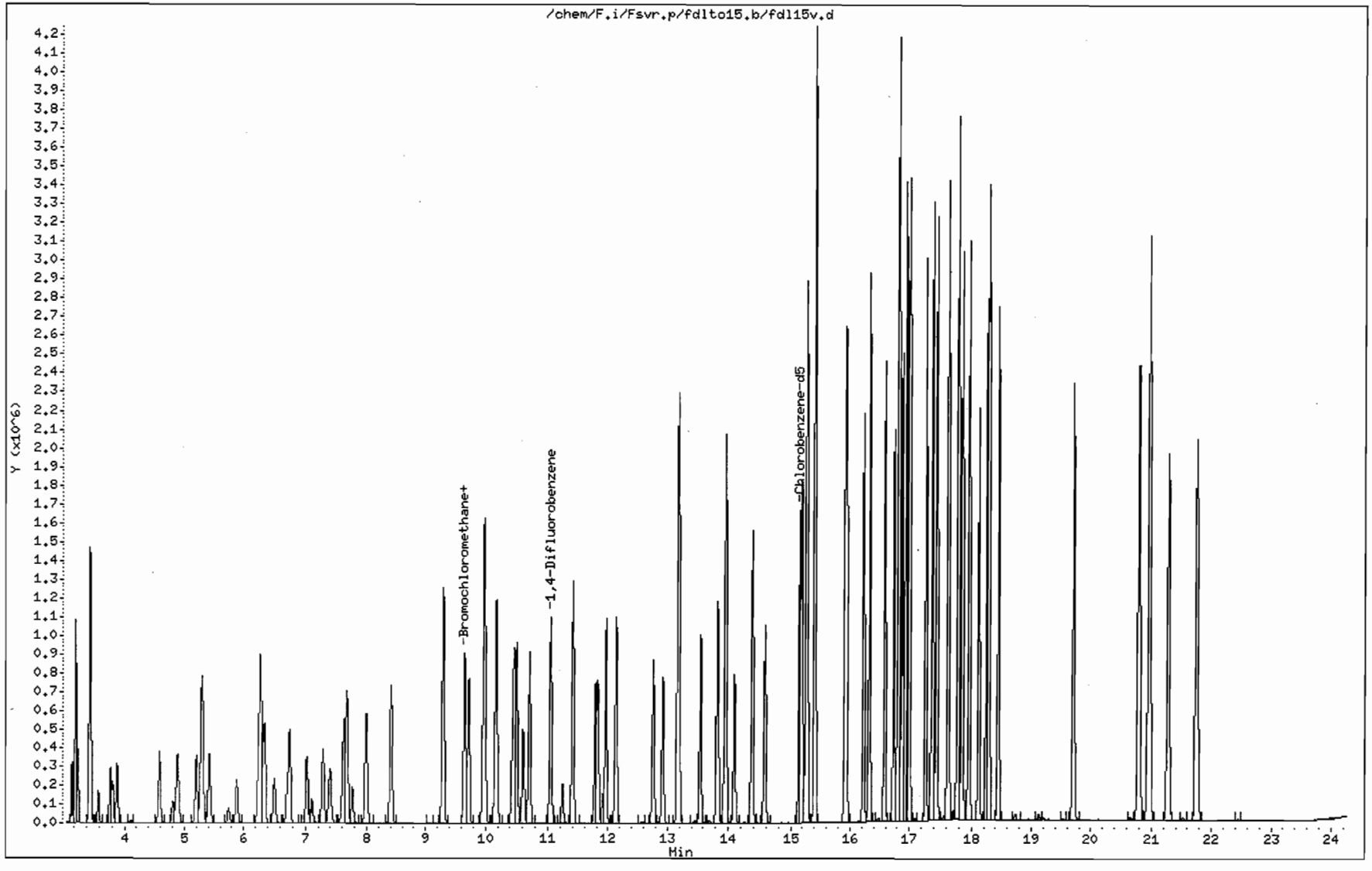
Sample Info:

Purge Volume: 200.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 04-FEB-2010 00:29
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD015;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 00:29 Cal File: fdl15v.d
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.172	(0.328)	143901	15.0000	15
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	1017333	15.0000	16
3 Chlorodifluoromethane	51	3.263	3.269	(0.338)	396083	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	921750	15.0000	16
5 Chloromethane	50	3.590	3.595	(0.372)	183668	15.0000	15
6 Butane	43	3.771	3.777	(0.391)	300093	15.0000	15
7 Vinyl chloride	62	3.814	3.820	(0.395)	260853	15.0000	16
8 Butadiene	54	3.884	3.889	(0.402)	181017	15.0000	16
9 Bromomethane	94	4.579	4.579	(0.474)	344798	15.0000	16
10 Chloroethane	64	4.804	4.809	(0.498)	144297	15.0000	16
11 2-Methylbutane	43	4.879	4.884	(0.506)	251735	15.0000	14
12 Vinyl bromide	106	5.200	5.200	(0.539)	371025	15.0000	17
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	1214845	15.0000	16
14 Pentane	43	5.424	5.425	(0.562)	372218	15.0000	15
15 Ethanol	45	5.745	5.751	(0.595)	116393	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
16	Ethyl ether	59	5.885	5.890	(0.610)	203376	15.0000	17	
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.275	6.281	(0.650)	695894	15.0000	16	
18	Acrolein	56	6.243	6.243	(0.647)	104669	15.0000	15	
19	1,1-Dichloroethene	96	6.345	6.350	(0.657)	310165	15.0000	17	
20	Acetone	43	6.510	6.516	(0.675)	412510	15.0000	15	
21	Carbon disulfide	76	6.751	6.757	(0.700)	895313	15.0000	16	
22	Isopropyl alcohol	45	6.714	6.719	(0.696)	299321	15.0000	15	
23	3-Chloro-1-propene	41	7.024	7.030	(0.728)	303750	15.0000	16	
24	Acetonitrile	41	7.110	7.110	(0.737)	163810	15.0000	15	
25	Methylene chloride	49	7.281	7.281	(0.754)	286155	15.0000	15	
26	2-Methyl-2-propanol	59	7.399	7.399	(0.767)	568319	15.0000	15	
27	Methyl tert-butyl ether	73	7.618	7.623	(0.789)	1023081	15.0000	16	
28	trans-1,2-Dichloroethene	61	7.671	7.672	(0.795)	464231	15.0000	16	
29	Acrylonitrile	53	7.762	7.763	(0.804)	192343	15.0000	16	
30	Hexane	57	7.992	7.993	(0.828)	433250	15.0000	15	
31	1,1-Dichloroethane	63	8.404	8.404	(0.871)	569238	15.0000	16	
32	Vinyl acetate	43	8.415	8.415	(0.872)	681877	15.0000	16	
M 33	1,2-Dichloroethene,Total	61				835890	30.0000	33	
34	cis-1,2-Dichloroethene	96	9.287	9.293	(0.962)	371659	15.0000	17	
35	Ethyl acetate	88	9.303	9.298	(0.964)	30764	15.0000	16	
36	2-Butanone(MEK)	72	9.287	9.293	(0.962)	154411	15.0000	15	(Q)
* 37	Bromochloromethane	128	9.651	9.656	(1.000)	248848	10.0000		
38	Tetrahydrofuran	42	9.667	9.667	(0.875)	273286	15.0000	15	
39	Chloroform	83	9.726	9.726	(1.008)	833219	15.0000	16	
40	Cyclohexane	84	9.982	9.983	(0.904)	467405	15.0000	16	
41	1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	1018622	15.0000	16	
42	Carbon tetrachloride	117	10.175	10.175	(0.922)	1154384	15.0000	16	
43	Isooctane	57	10.453	10.459	(0.947)	1393879	15.0000	16	
44	Benzene	78	10.501	10.502	(0.951)	1007582	15.0000	15	
45	1,2-Dichloroethane	62	10.603	10.609	(0.960)	565371	15.0000	16	
46	n-Heptane	43	10.705	10.705	(0.969)	472212	15.0000	16	
* 47	1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1205420	10.0000		
48	n-Butanol	56	11.229	11.234	(1.017)	155517	15.0000	15	
49	Trichloroethene	95	11.400	11.400	(1.032)	534653	15.0000	16	
50	1,2-Dichloropropane	63	11.775	11.780	(1.066)	340486	15.0000	16	(Q)
51	Methyl methacrylate	69	11.817	11.823	(1.070)	368572	15.0000	16	
52	Dibromomethane	174	11.962	11.962	(1.083)	555649	15.0000	17	
53	1,4-Dioxane	88	11.908	11.914	(1.078)	153388	15.0000	15	
54	Dichlorobromomethane	83	12.128	12.133	(1.098)	963962	15.0000	17	
55	cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	644631	15.0000	17	
56	4-Methyl-2-pentanone(MIBK)	43	12.919	12.920	(1.170)	645423	15.0000	16	
57	n-Octane	43	13.171	13.171	(1.193)	655897	15.0000	16	
58	Toluene	92	13.187	13.187	(0.871)	842457	15.0000	15	
59	trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	744485	15.0000	17	
60	1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	399119	15.0000	17	
61	Tetrachloroethene	166	13.952	13.952	(0.922)	866494	15.0000	17	
62	2-Hexanone	43	14.096	14.097	(0.931)	648420	15.0000	16	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	1110782	15.0000	18	
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	877371	15.0000	17	
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1203687	10.0000		
	66 Chlorobenzene	112	15.182	15.183	(1.003)	1253865	15.0000	16	
	67 n-Nonane	57	15.273	15.273	(1.009)	714667	15.0000	16	
	68 Ethylbenzene	91	15.252	15.252	(1.007)	1981045	15.0000	16	
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	1633467	30.0000	33	
M	70 Xylenes, Total	106				2441743	15.0000	50	
	71 o-Xylene	106	15.910	15.915	(1.051)	808276	15.0000	17	
	72 Styrene	104	15.937	15.937	(1.053)	1268825	15.0000	18	
	73 Bromoform	173	16.226	16.226	(1.072)	1225507	15.0000	18	
	74 Isopropylbenzene	105	16.322	16.327	(1.078)	2403587	15.0000	17	
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	1083397	15.0000	16	
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	2770015	15.0000	17	
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	876052	15.0000	16	
	79 n-Decane	57	16.873	16.873	(1.114)	948049	15.0000	16	
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	2525658	15.0000	16	
	81 2-Chlorotoluene	91	16.969	16.969	(1.121)	2060126	15.0000	16	(M)
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	2135512	15.0000	17	
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.141)	1130772	15.0000	18	
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	2111872	15.0000	17	
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	2163758	15.0000	17	
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	2980708	15.0000	17	
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	2724134	15.0000	17	
	88 1,3-Dichlorobenzene	146	17.846	17.852	(1.179)	1636366	15.0000	17	
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	1653925	15.0000	17	
	90 Benzyl chloride	91	18.114	18.120	(1.196)	2014947	15.0000	17	
	91 Undecane	57	18.248	18.248	(1.205)	1108050	15.0000	16	
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	2306280	15.0000	17	
	93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	1560890	15.0000	17	
	94 Dodecane	57	19.703	19.703	(1.301)	1125087	15.0000	16	
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	1344792	15.0000	16	
	96 Hexachlorobutadiene	225	20.965	20.966	(1.385)	1081833	15.0000	17	
	97 Naphthalene	128	21.276	21.281	(1.405)	2841533	15.0000	16	
	98 1,2,3-Trichlorobenzene	180	21.746	21.752	(1.436)	1250472	15.0000	17	

QC Flag Legend

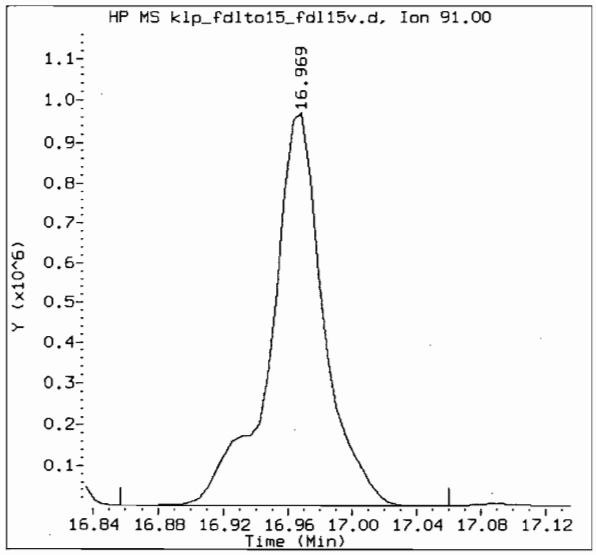
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

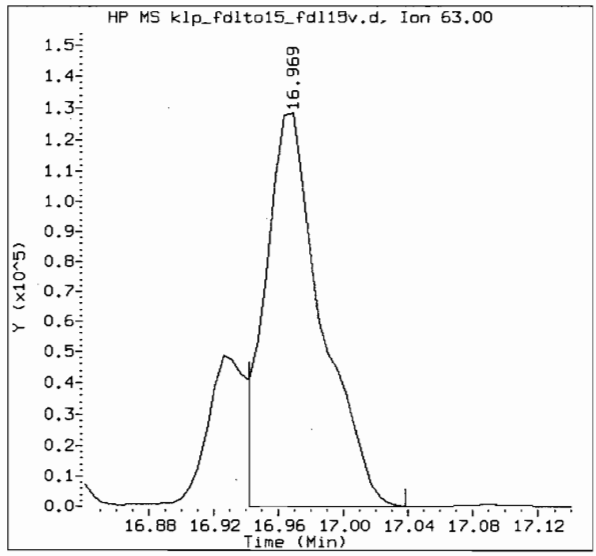
MANUAL INTEGRATION REPORT

Data File Name: fdl15v.d
Client Sample ID: ASTD015
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 04-FEB-2010 00:29
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

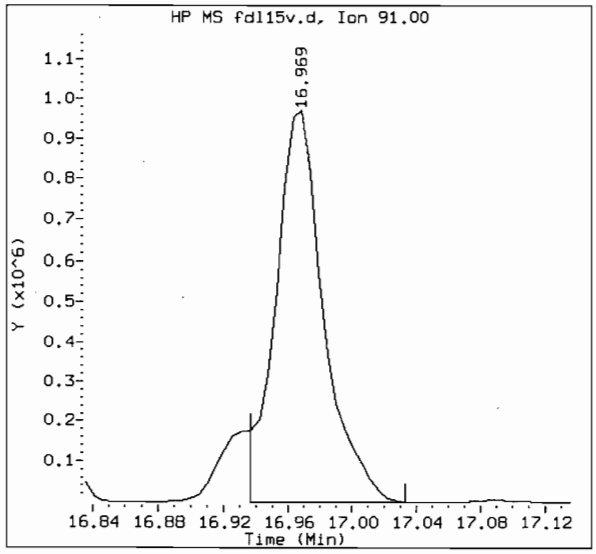


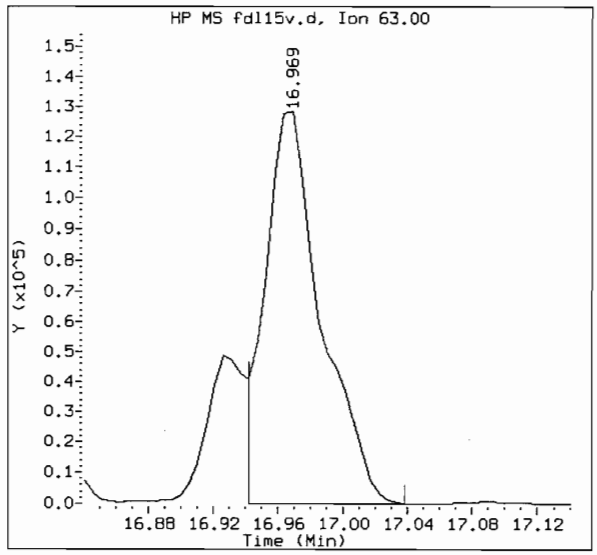


Original Integrations:

Area = 2264902

Area = 311524





Final Integrations:

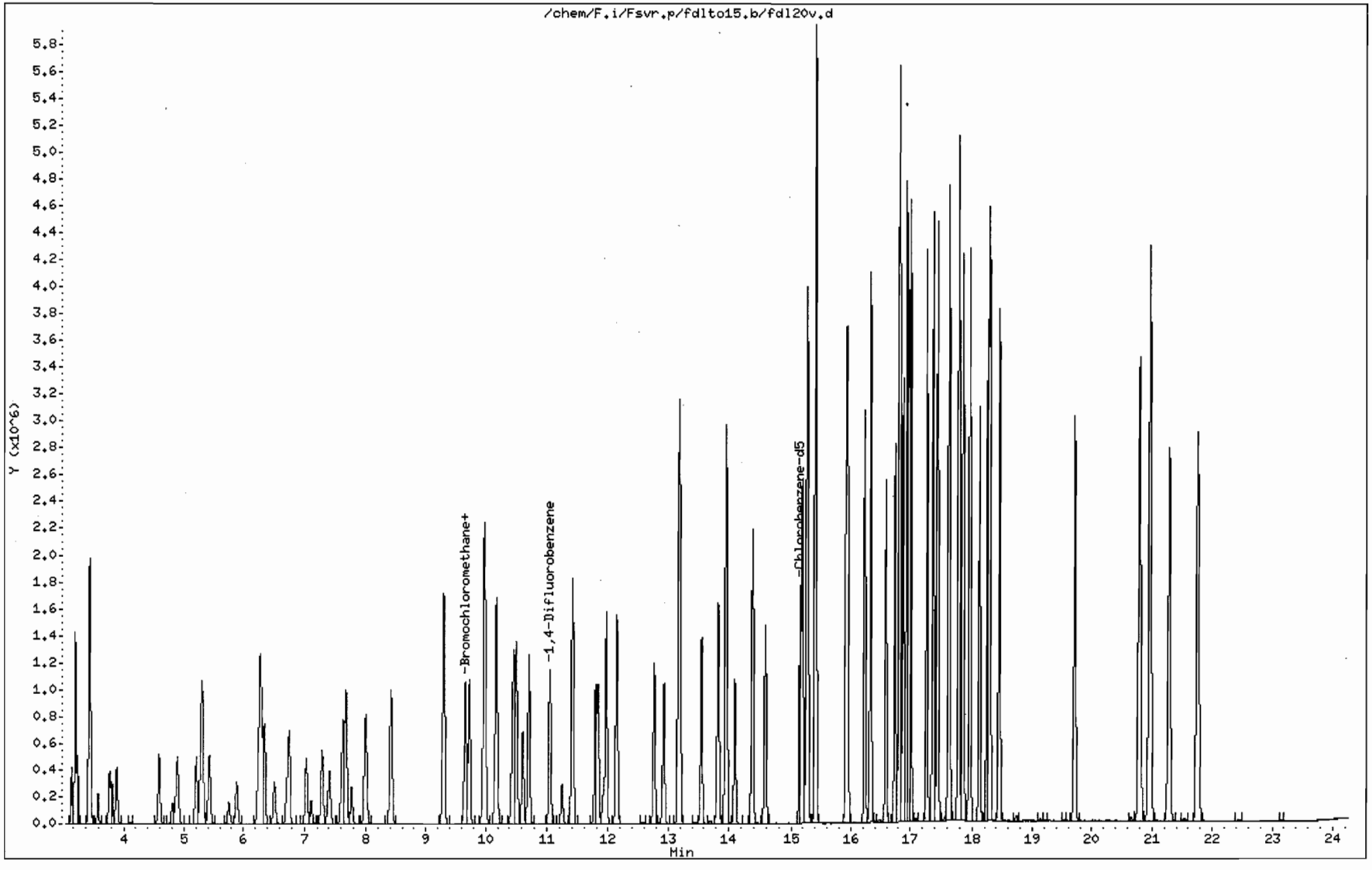
Area = 2060126

Area = 311524

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fd1to15.b/fd120v.d
Date : 04-FEB-2010 01:19
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 04-FEB-2010 01:19
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD020;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 01:19 Cal File: fdl20v.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	190829	20.0000	18
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	1352346	20.0000	19
3 Chlorodifluoromethane	51	3.268	3.269	(0.338)	522090	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.461	3.461	(0.358)	1236631	20.0000	20
5 Chloromethane	50	3.595	3.595	(0.372)	245880	20.0000	19
6 Butane	43	3.777	3.777	(0.391)	403383	20.0000	19
7 Vinyl chloride	62	3.820	3.820	(0.396)	353578	20.0000	21
8 Butadiene	54	3.889	3.889	(0.403)	245783	20.0000	21
9 Bromomethane	94	4.585	4.579	(0.475)	471999	20.0000	21
10 Chloroethane	64	4.809	4.809	(0.498)	198309	20.0000	20
11 2-Methylbutane	43	4.884	4.884	(0.506)	344310	20.0000	18
12 Vinyl bromide	106	5.200	5.200	(0.538)	517583	20.0000	22
13 Trichlorofluoromethane	101	5.296	5.291	(0.548)	1678470	20.0000	20
14 Pentane	43	5.424	5.425	(0.562)	515990	20.0000	20
15 Ethanol	45	5.756	5.751	(0.596)	242856	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16	Ethyl ether	59	5.885	5.890	(0.609)	287720	20.0000	22
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.280	6.281	(0.650)	991735	20.0000	22
18	Acrolein	56	6.243	6.243	(0.647)	148038	20.0000	20
19	1,1-Dichloroethene	96	6.350	6.350	(0.658)	446798	20.0000	22
20	Acetone	43	6.516	6.516	(0.675)	549774	20.0000	18
21	Carbon disulfide	76	6.757	6.757	(0.700)	1264783	20.0000	21
22	Isopropyl alcohol	45	6.724	6.719	(0.696)	411367	20.0000	19
23	3-Chloro-1-propene	41	7.029	7.030	(0.728)	415868	20.0000	21
24	Acetonitrile	41	7.110	7.110	(0.736)	223801	20.0000	19
25	Methylene chloride	49	7.281	7.281	(0.754)	395222	20.0000	19
26	2-Methyl-2-propanol	59	7.398	7.399	(0.766)	782071	20.0000	20
27	Methyl tert-butyl ether	73	7.623	7.623	(0.789)	1436980	20.0000	21
28	trans-1,2-Dichloroethene	61	7.671	7.672	(0.794)	648394	20.0000	21
29	Acrylonitrile	53	7.762	7.763	(0.804)	269797	20.0000	20
30	Hexane	57	7.992	7.993	(0.828)	601763	20.0000	19
31	1,1-Dichloroethane	63	8.404	8.404	(0.870)	796827	20.0000	21
32	Vinyl acetate	43	8.420	8.415	(0.872)	931299	20.0000	20
M 33	1,2-Dichloroethene,Total	61				1180512	40.0000	43
34	cis-1,2-Dichloroethene	96	9.292	9.293	(0.962)	532118	20.0000	22
35	Ethyl acetate	88	9.308	9.298	(0.964)	42604	20.0000	20
36	2-Butanone(MEK)	72	9.292	9.293	(0.962)	217672	20.0000	20(Q)
* 37	Bromochloromethane	128	9.656	9.656	(1.000)	266836	10.0000	
38	Tetrahydrofuran	42	9.672	9.667	(0.876)	372169	20.0000	20
39	Chloroform	83	9.726	9.726	(1.007)	1163610	20.0000	21
40	Cyclohexane	84	9.982	9.983	(0.904)	663810	20.0000	22
41	1,1,1-Trichloroethane	97	9.977	9.977	(0.903)	1419622	20.0000	21
42	Carbon tetrachloride	117	10.175	10.175	(0.921)	1628493	20.0000	22
43	Isooctane	57	10.459	10.459	(0.947)	1941453	20.0000	21
44	Benzene	78	10.507	10.502	(0.951)	1425534	20.0000	20
45	1,2-Dichloroethane	62	10.608	10.609	(0.960)	781288	20.0000	21
46	n-Heptane	43	10.705	10.705	(0.969)	640590	20.0000	20
* 47	1,4-Difluorobenzene	114	11.047	11.042	(1.000)	1285876	10.0000	
48	n-Butanol	56	11.234	11.234	(1.017)	224003	20.0000	20
49	Trichloroethene	95	11.405	11.400	(1.032)	764913	20.0000	22
50	1,2-Dichloropropane	63	11.780	11.780	(1.066)	474957	20.0000	21
51	Methyl methacrylate	69	11.823	11.823	(1.070)	522053	20.0000	22
52	Dibromomethane	174	11.962	11.962	(1.083)	807272	20.0000	23
53	1,4-Dioxane	88	11.914	11.914	(1.078)	217537	20.0000	20
54	Dichlorobromomethane	83	12.133	12.133	(1.098)	1348572	20.0000	22
55	cis-1,3-Dichloropropene	75	12.759	12.759	(1.155)	906498	20.0000	22
56	4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.170)	878731	20.0000	20
57	n-Octane	43	13.171	13.171	(1.192)	879757	20.0000	20
58	Toluene	92	13.192	13.187	(0.871)	1198176	20.0000	20
59	trans-1,3-Dichloropropene	75	13.556	13.551	(1.227)	1041874	20.0000	22
60	1,1,2-Trichloroethane	83	13.823	13.824	(0.913)	564461	20.0000	22
61	Tetrachloroethene	166	13.952	13.952	(0.921)	1258061	20.0000	23
62	2-Hexanone	43	14.096	14.097	(0.931)	874161	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.374	14.375	(0.949)	1588994	20.0000	24
	64 Ethylene Dibromide	107	14.583	14.578	(0.963)	1256623	20.0000	23
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1274137	10.0000	
	66 Chlorobenzene	112	15.182	15.183	(1.002)	1797914	20.0000	22
	67 n-Nonane	57	15.273	15.273	(1.008)	980346	20.0000	21
	68 Ethylbenzene	91	15.252	15.252	(1.007)	2774688	20.0000	21
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	2316944	40.0000	44
M	70 Xylenes, Total	106				3452154	20.0000	67
	71 o-Xylene	106	15.915	15.915	(1.051)	1135210	20.0000	22
	72 Styrene	104	15.937	15.937	(1.052)	1809029	20.0000	24
	73 Bromoform	173	16.225	16.226	(1.071)	1752288	20.0000	24
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	3369131	20.0000	22
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	1512812	20.0000	22
	77 n-Propylbenzene	91	16.809	16.803	(1.110)	3816950	20.0000	22
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	1197788	20.0000	20
	79 n-Decane	57	16.873	16.873	(1.114)	1277839	20.0000	20
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	3507083	20.0000	22
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	2883426	20.0000	21(M)
	82 1,3,5-Trimethylbenzene	105	17.001	16.996	(1.123)	2969349	20.0000	22
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	1596417	20.0000	24
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	2926835	20.0000	22
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	2995651	20.0000	22
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	4126658	20.0000	22
	87 4-Isopropyltoluene	119	17.782	17.782	(1.174)	3789005	20.0000	22
	88 1,3-Dichlorobenzene	146	17.852	17.852	(1.179)	2310684	20.0000	22
	89 1,4-Dichlorobenzene	146	17.964	17.959	(1.186)	2324170	20.0000	22
	90 Benzyl chloride	91	18.119	18.120	(1.196)	2799663	20.0000	22
	91 Undecane	57	18.248	18.248	(1.205)	1478496	20.0000	20
	92 n-Butylbenzene	91	18.285	18.285	(1.207)	3170340	20.0000	22
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	2196389	20.0000	22
	94 Dodecane	57	19.703	19.703	(1.301)	1489571	20.0000	20
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	1939304	20.0000	22
	96 Hexachlorobutadiene	225	20.965	20.966	(1.384)	1515603	20.0000	22
	97 Naphthalene	128	21.281	21.281	(1.405)	4045561	20.0000	22
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	1804351	20.0000	23

QC Flag Legend

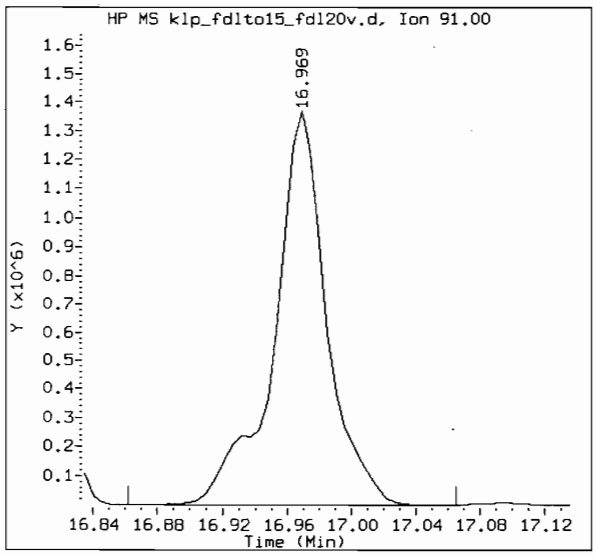
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

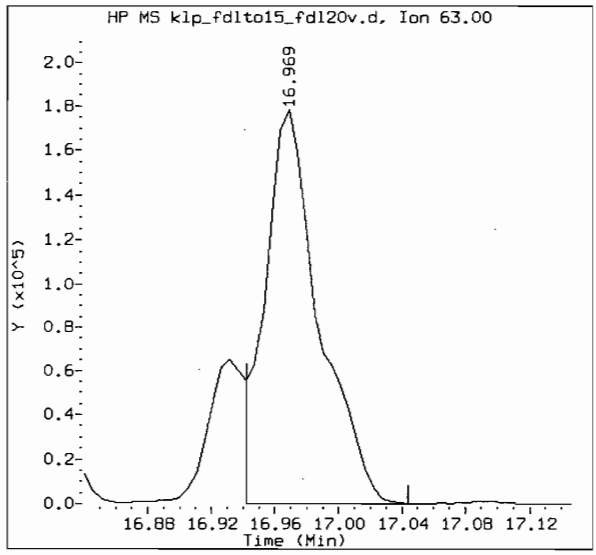
MANUAL INTEGRATION REPORT

Data File Name: fdl20v.d
Client Sample ID: ASTD020
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 04-FEB-2010 01:19
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

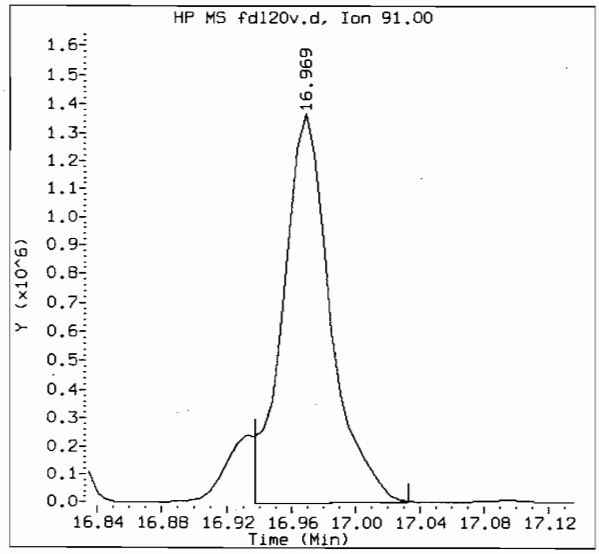


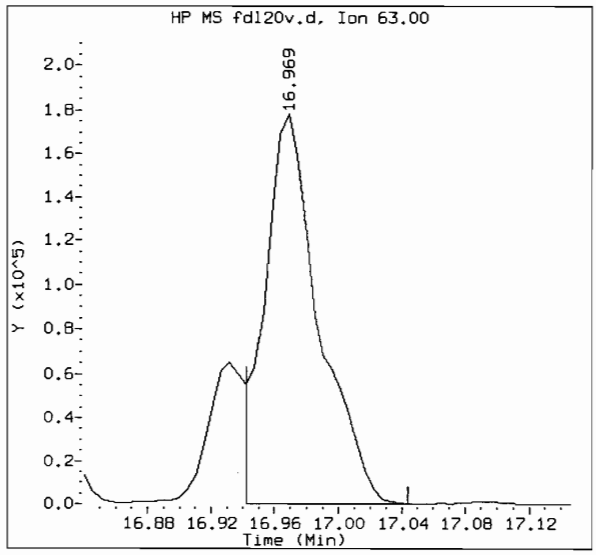


Original Integrations:

Area = 3119407

Area = 426357





Final Integrations:

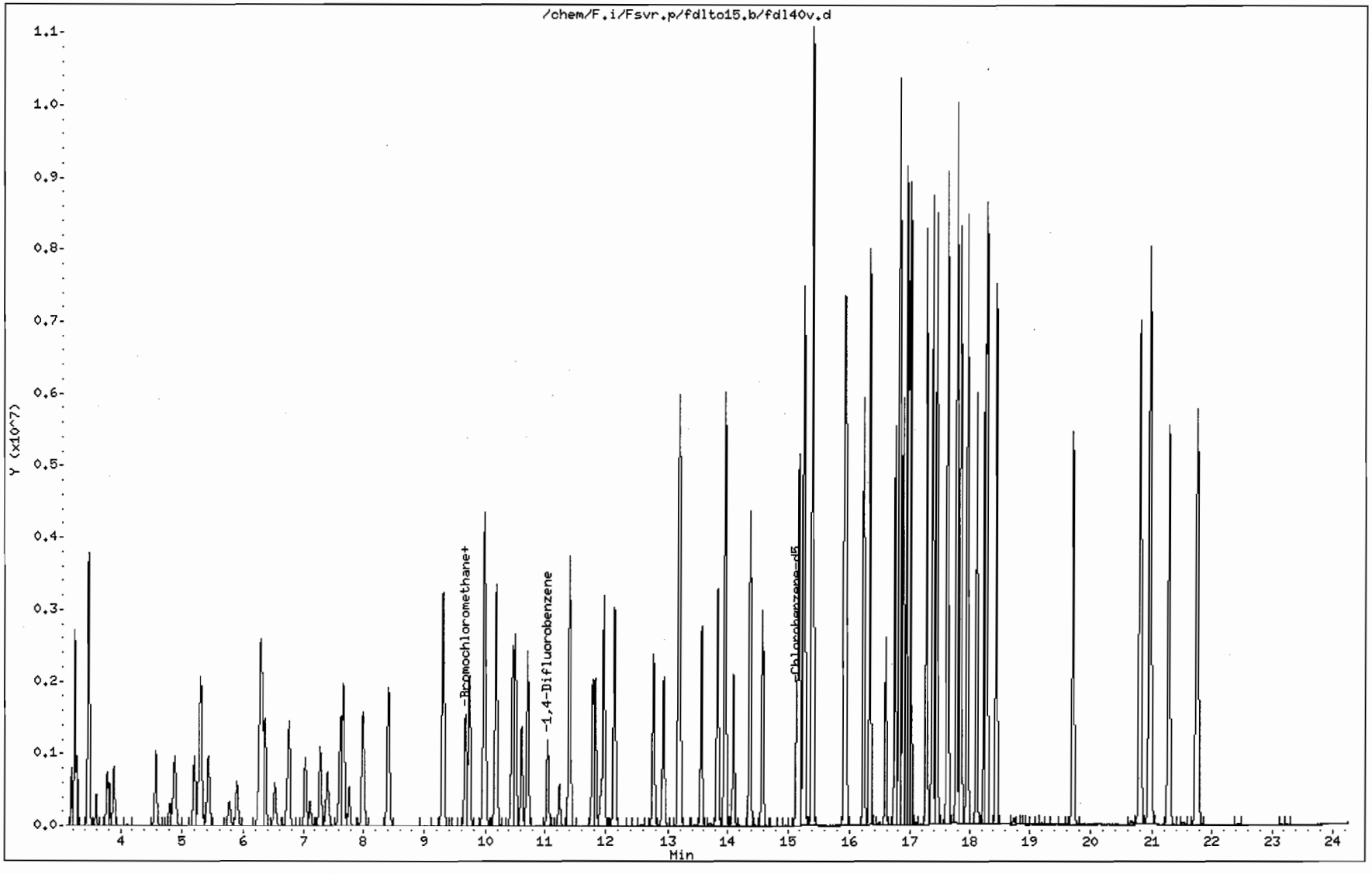
Area = 2883426

Area = 426357

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fd1to15.b/fd140v.d
Date : 04-FEB-2010 02:09
Client ID: ASTD040
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 04-FEB-2010 02:09
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : ASTD040;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.172	3.172	(0.329)	375084	40.0000	33
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	2590813	40.0000	35
3 Chlorodifluoromethane	51	3.269	3.269	(0.339)	1012436	40.0000	34
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.461	3.461	(0.359)	2373597	40.0000	36
5 Chloromethane	50	3.595	3.595	(0.372)	480759	40.0000	35
6 Butane	43	3.777	3.777	(0.391)	787722	40.0000	35
7 Vinyl chloride	62	3.820	3.820	(0.396)	692346	40.0000	38
8 Butadiene	54	3.889	3.889	(0.403)	486014	40.0000	39
9 Bromomethane	94	4.585	4.579	(0.475)	951413	40.0000	40
10 Chloroethane	64	4.809	4.809	(0.498)	399594	40.0000	38
11 2-Methylbutane	43	4.884	4.884	(0.506)	667106	40.0000	32
12 Vinyl bromide	106	5.200	5.200	(0.539)	1032181	40.0000	41(A)
13 Trichlorofluoromethane	101	5.296	5.291	(0.549)	3260911	40.0000	37
14 Pentane	43	5.425	5.425	(0.562)	997734	40.0000	35
15 Ethanol	45	5.762	5.751	(0.597)	537030	100.000	79

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	16 Ethyl ether	59	5.885	5.890	(0.610)	572623	40.0000	41(A)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.281	6.281	(0.651)	2008191	40.0000	41(A)
	18 Acrolein	56	6.243	6.243	(0.647)	291746	40.0000	38
	19 1,1-Dichloroethene	96	6.350	6.350	(0.658)	914187	40.0000	43(A)
	20 Acetone	43	6.516	6.516	(0.675)	1074460	40.0000	33
	21 Carbon disulfide	76	6.757	6.757	(0.700)	2559806	40.0000	39
	22 Isopropyl alcohol	45	6.730	6.719	(0.697)	787652	40.0000	35
	23 3-Chloro-1-propene	41	7.030	7.030	(0.728)	821807	40.0000	38
	24 Acetonitrile	41	7.115	7.110	(0.737)	461635	40.0000	37
	25 Methylene chloride	49	7.281	7.281	(0.754)	773631	40.0000	36
	26 2-Methyl-2-propanol	59	7.409	7.399	(0.768)	1536880	40.0000	36
	27 Methyl tert-butyl ether	73	7.623	7.623	(0.790)	2889086	40.0000	40
	28 trans-1,2-Dichloroethene	61	7.677	7.672	(0.795)	1275822	40.0000	39
	29 Acrylonitrile	53	7.768	7.763	(0.805)	542523	40.0000	38
	30 Hexane	57	7.993	7.993	(0.828)	1200446	40.0000	36
	31 1,1-Dichloroethane	63	8.404	8.404	(0.871)	1569169	40.0000	39
	32 Vinyl acetate	43	8.421	8.415	(0.872)	1796574	40.0000	36
M	33 1,2-Dichloroethene,Total	61				2358917	80.0000	81
	34 cis-1,2-Dichloroethene	96	9.293	9.293	(0.963)	1083095	40.0000	42(A)
	35 Ethyl acetate	88	9.303	9.298	(0.964)	89160	40.0000	40
	36 2-Butanone(MEK)	72	9.293	9.293	(0.963)	437340	40.0000	37(Q)
*	37 Bromochloromethane	128	9.651	9.656	(1.000)	285350	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	731369	40.0000	37
	39 Chloroform	83	9.731	9.726	(1.008)	2335998	40.0000	40
	40 Cyclohexane	84	9.983	9.983	(0.904)	1343495	40.0000	42(A)
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.903)	2824543	40.0000	41(A)
	42 Carbon tetrachloride	117	10.175	10.175	(0.921)	3298212	40.0000	42(A)
	43 Isooctane	57	10.459	10.459	(0.947)	3814448	40.0000	40
	44 Benzene	78	10.507	10.502	(0.951)	2891400	40.0000	40
	45 1,2-Dichloroethane	62	10.609	10.609	(0.960)	1546449	40.0000	39
	46 n-Heptane	43	10.705	10.705	(0.969)	1218665	40.0000	37
*	47 1,4-Difluorobenzene	114	11.047	11.042	(1.000)	1342630	10.0000	
	48 n-Butanol	56	11.234	11.234	(1.017)	457414	40.0000	40
	49 Trichloroethene	95	11.406	11.400	(1.032)	1563269	40.0000	43(A)
	50 1,2-Dichloropropane	63	11.780	11.780	(1.066)	949393	40.0000	41(AQ)
	51 Methyl methacrylate	69	11.823	11.823	(1.070)	1059091	40.0000	42(AQ)
	52 Dibromomethane	174	11.962	11.962	(1.083)	1711538	40.0000	47(A)
	53 1,4-Dioxane	88	11.914	11.914	(1.078)	431285	40.0000	38
	54 Dichlorobromomethane	83	12.133	12.133	(1.098)	2688523	40.0000	43(A)
	55 cis-1,3-Dichloropropene	75	12.764	12.759	(1.155)	1837602	40.0000	43(A)
	56 4-Methyl-2-pentanone(MIBK)	43	12.925	12.920	(1.170)	1710667	40.0000	38
	57 n-Octane	43	13.176	13.171	(1.193)	1621557	40.0000	35
	58 Toluene	92	13.192	13.187	(0.871)	2406491	40.0000	39
	59 trans-1,3-Dichloropropene	75	13.556	13.551	(1.227)	2092364	40.0000	42(A)
	60 1,1,2-Trichloroethane	83	13.829	13.824	(0.913)	1143733	40.0000	43(A)
	61 Tetrachloroethene	166	13.952	13.952	(0.921)	2661236	40.0000	46(A)
	62 2-Hexanone	43	14.097	14.097	(0.931)	1701067	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.380	14.375	(0.949)	3295428	40.0000	47 (A)
	64 Ethylene Dibromide	107	14.583	14.578	(0.963)	2563200	40.0000	44 (A)
*	65 Chlorobenzene-d5	117	15.145	15.145	(1.000)	1335703	10.0000	
	66 Chlorobenzene	112	15.183	15.183	(1.002)	3727433	40.0000	44 (A)
	67 n-Nonane	57	15.279	15.273	(1.009)	1837988	40.0000	37
	68 Ethylbenzene	91	15.252	15.252	(1.007)	5468467	40.0000	40 (A)
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	4646229	80.0000	84 (A)
M	70 Xylenes, Total	106				6948090	40.0000	130 (A)
	71 o-Xylene	106	15.915	15.915	(1.051)	2301861	40.0000	42 (A)
	72 Styrene	104	15.942	15.937	(1.053)	3704417	40.0000	46 (A)
	73 Bromoform	173	16.226	16.226	(1.071)	3592781	40.0000	47 (A)
	74 Isopropylbenzene	105	16.327	16.327	(1.078)	6720620	40.0000	42 (A)
	76 1,1,2,2-Tetrachloroethane	83	16.739	16.734	(1.105)	2959470	40.0000	41 (A)
	77 n-Propylbenzene	91	16.809	16.803	(1.110)	7220892	40.0000	39
	78 1,2,3-Trichloropropane	75	16.825	16.820	(1.111)	2262601	40.0000	36
	79 n-Decane	57	16.878	16.873	(1.114)	2370439	40.0000	35
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	6945644	40.0000	41 (A)
	81 2-Chlorotoluene	91	16.969	16.969	(1.120)	5572127	40.0000	40 (M)
	82 1,3,5-Trimethylbenzene	105	17.001	16.996	(1.123)	5822185	40.0000	41 (A)
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.140)	3276419	40.0000	47 (A)
	84 tert-butylbenzene	119	17.371	17.371	(1.147)	5944674	40.0000	42 (A)
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	5930758	40.0000	41 (A)
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	8108795	40.0000	41 (A)
	87 4-Isopropyltoluene	119	17.782	17.782	(1.174)	7620244	40.0000	42 (A)
	88 1,3-Dichlorobenzene	146	17.852	17.852	(1.179)	4727626	40.0000	43 (A)
	89 1,4-Dichlorobenzene	146	17.964	17.959	(1.186)	4754178	40.0000	43 (A)
	90 Benzyl chloride	91	18.119	18.120	(1.196)	5523669	40.0000	42 (A)
	91 Undecane	57	18.253	18.248	(1.205)	2657239	40.0000	34
	92 n-Butylbenzene	91	18.285	18.285	(1.207)	6065812	40.0000	39
	93 1,2-Dichlorobenzene	146	18.446	18.446	(1.218)	4473809	40.0000	43 (A)
	94 Dodecane	57	19.708	19.703	(1.301)	2681458	40.0000	34
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	4064059	40.0000	44 (A)
	96 Hexachlorobutadiene	225	20.966	20.966	(1.384)	2958969	40.0000	42 (A)
	97 Naphthalene	128	21.281	21.281	(1.405)	8311364	40.0000	42 (A)
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.436)	3651708	40.0000	44 (A)

QC Flag Legend

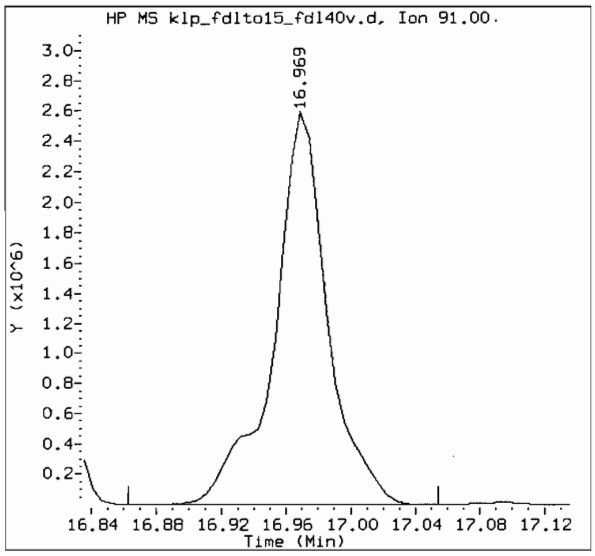
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

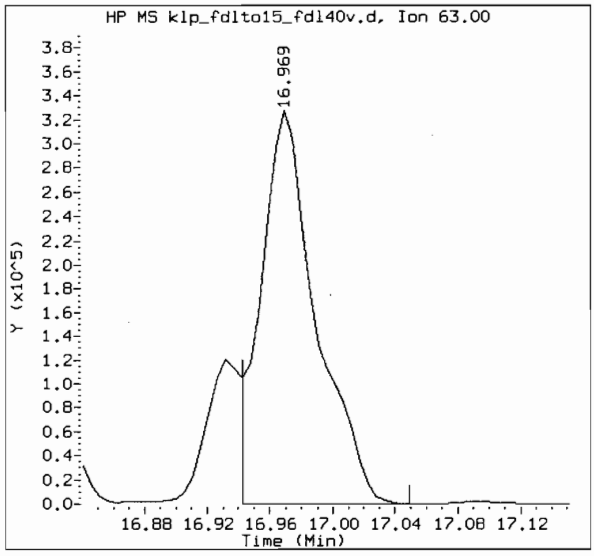
MANUAL INTEGRATION REPORT

Data File Name: fdl40v.d
Client Sample ID: ASTD040
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 04-FEB-2010 02:09
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/09/2010 10:41

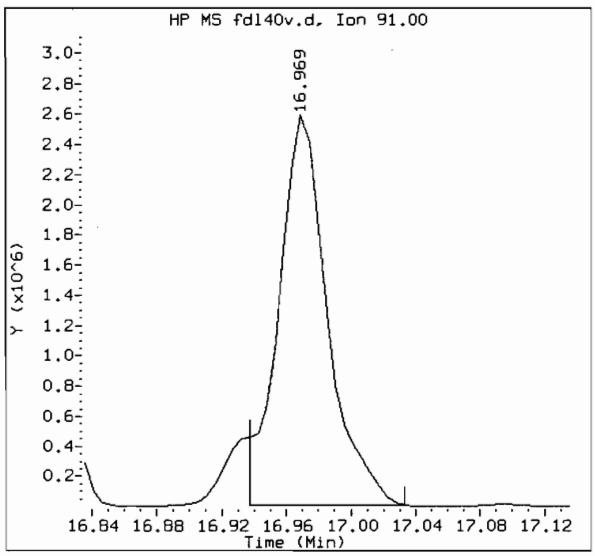


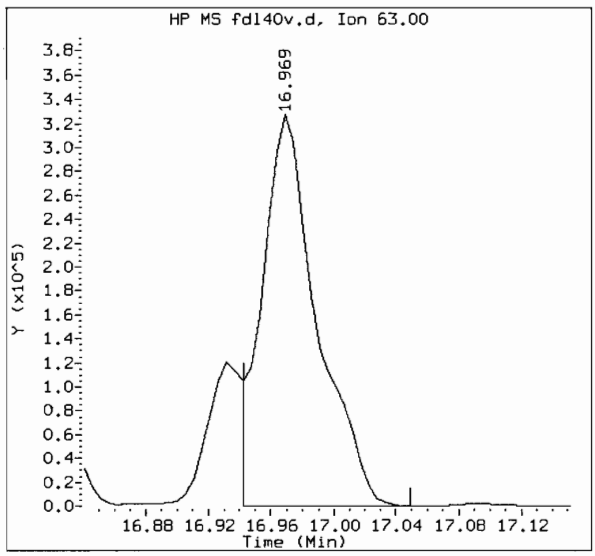


Original Integrations:

Area = 6049804

Area = 803359





Final Integrations:

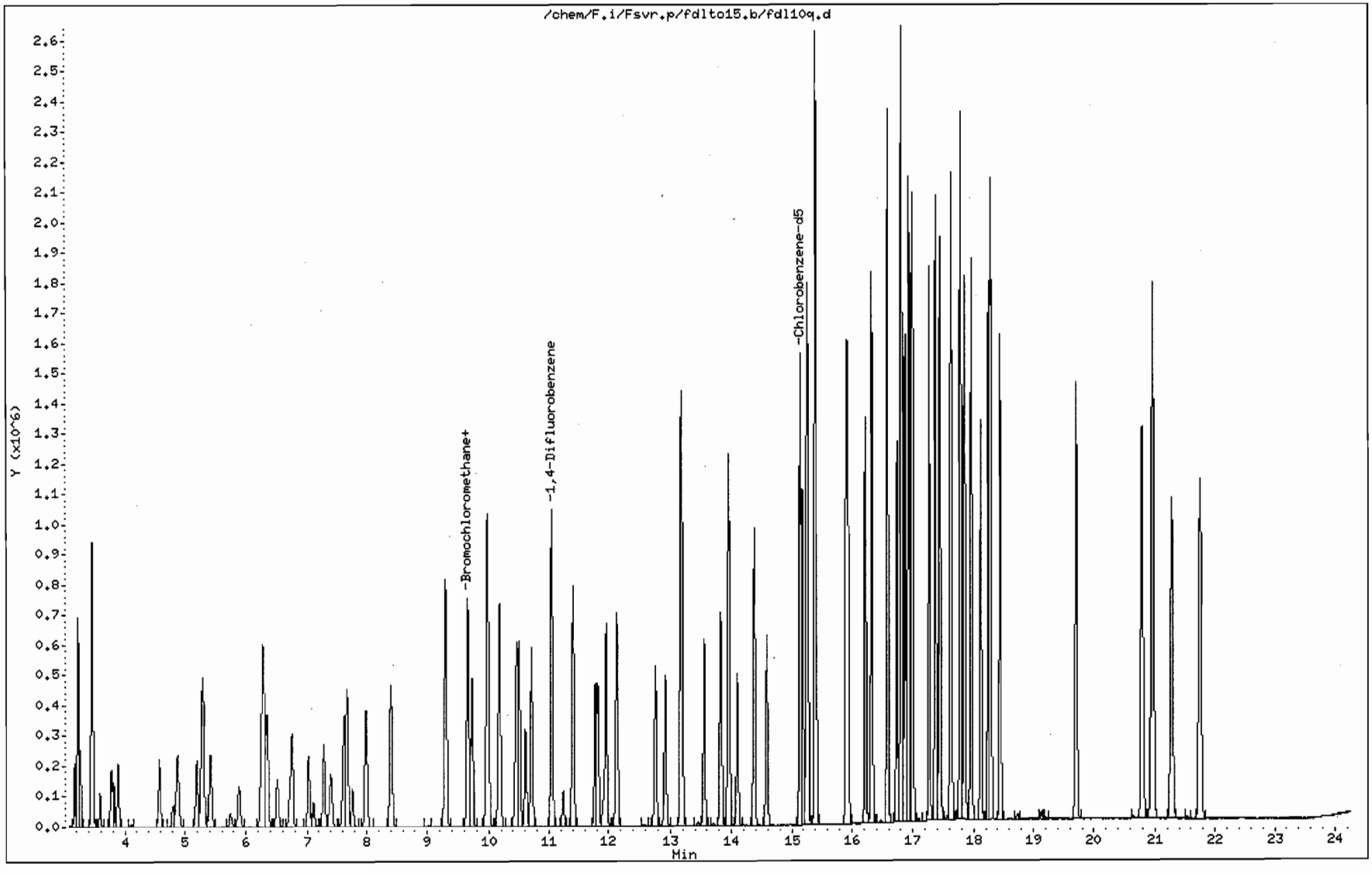
Area = 5572127

Area = 803359

Manual Integration Reason: MI1 - Poor automated baseline

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl10q.d
Date : 04-FEB-2010 03:51
Client ID: FA020310ICV
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlto15.b/fdl10q.d
Lab Smp Id: FA020310ICV Client Smp ID: FA020310ICV
Inj Date : 04-FEB-2010 03:51
Operator : pad Inst ID: F.i
Smp Info :
Misc Info : FA020310ICV;020310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Meth Date : 09-Feb-2010 10:41 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Propene	41	3.167	3.172	(0.328)	93330	10.3625	10
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	667087	11.2031	11
3 Chlorodifluoromethane	51	3.263	3.269	(0.338)	260530	10.9800	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.461	(0.358)	604345	11.4094	11
5 Chloromethane	50	3.590	3.595	(0.372)	119517	10.8365	11
6 Butane	43	3.777	3.777	(0.391)	191636	10.5626	11
7 Vinyl chloride	62	3.814	3.820	(0.395)	167133	11.3347	11
8 Butadiene	54	3.884	3.889	(0.402)	120479	11.9298	12
9 Bromomethane	94	4.579	4.579	(0.474)	199803	10.3891	10
10 Chloroethane	64	4.809	4.809	(0.498)	86901	10.2885	10
11 2-Methylbutane	43	4.879	4.884	(0.506)	160284	9.57856	9.6
12 Vinyl bromide	106	5.200	5.200	(0.539)	222210	11.0597	11
13 Trichlorofluoromethane	101	5.291	5.291	(0.548)	757978	10.6452	11
14 Pentane	43	5.419	5.425	(0.562)	240922	10.6228	11
15 Ethanol	45	5.751	5.751	(0.596)	69030	12.7409	13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	16 Ethyl ether	59	5.885	5.890	(0.610)	120939	10.6967	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.275	6.281	(0.650)	467942	11.8761	12
	18 Acrolein	56	6.243	6.243	(0.647)	55690	8.95761	9.0
	19 1,1-Dichloroethene	96	6.345	6.350	(0.657)	210585	12.2968	12
	20 Acetone	43	6.511	6.516	(0.675)	274176	10.5866	11
	21 Carbon disulfide	76	6.757	6.757	(0.700)	567107	10.8782	11
	22 Isopropyl alcohol	45	6.714	6.719	(0.696)	181288	9.98139	10
	23 3-Chloro-1-propene	41	7.029	7.030	(0.728)	200319	11.5547	12
	24 Acetonitrile	41	7.110	7.110	(0.737)	106748	10.7232	11
	25 Methylene chloride	49	7.276	7.281	(0.754)	199231	11.4541	11
	26 2-Methyl-2-propanol	59	7.393	7.399	(0.766)	333391	9.86059	9.9
	27 Methyl tert-butyl ether	73	7.623	7.623	(0.790)	652510	11.2646	11
	28 trans-1,2-Dichloroethene	61	7.671	7.672	(0.795)	297674	11.3983	11
	29 Acrylonitrile	53	7.757	7.763	(0.804)	122241	10.8146	11
	30 Hexane	57	7.992	7.993	(0.828)	276210	10.3956	10
	31 1,1-Dichloroethane	63	8.399	8.404	(0.870)	366700	11.2734	11
	32 Vinyl acetate	43	8.415	8.415	(0.872)	429915	10.6868	11
M	33 1,2-Dichloroethene,Total	61				535746	22.9827	23
	34 cis-1,2-Dichloroethene	96	9.287	9.293	(0.962)	238072	11.5844	12
	35 Ethyl acetate	88	9.298	9.298	(0.963)	18968	10.6061	11
	36 2-Butanone(MEK)	72	9.292	9.293	(0.963)	97730	10.2871	10
*	37 Bromochloromethane	128	9.651	9.656	(1.000)	228732	10.0000	
	38 Tetrahydrofuran	42	9.667	9.667	(0.875)	178382	10.8449	11
	39 Chloroform	83	9.726	9.726	(1.008)	528516	11.1870	11
	40 Cyclohexane	84	9.983	9.983	(0.904)	293000	11.1190	11
	41 1,1,1-Trichloroethane	97	9.977	9.977	(0.904)	643758	11.2011	11
	42 Carbon tetrachloride	117	10.175	10.175	(0.922)	711290	10.9319	11
	43 Isooctane	57	10.459	10.459	(0.947)	899476	11.2736	11
	44 Benzene	78	10.501	10.502	(0.951)	630004	10.3321	10
	45 1,2-Dichloroethane	62	10.603	10.609	(0.960)	364779	11.1578	11
	46 n-Heptane	43	10.705	10.705	(0.969)	307778	11.0777	11
*	47 1,4-Difluorobenzene	114	11.042	11.042	(1.000)	1119202	10.0000	
	48 n-Butanol	56	11.234	11.234	(1.017)	84913	8.90187	8.9
	49 Trichloroethene	95	11.400	11.400	(1.032)	334643	11.0394	11
	50 1,2-Dichloropropane	63	11.775	11.780	(1.066)	210272	10.9084	11
	51 Methyl methacrylate	69	11.823	11.823	(1.071)	227970	10.9008	11
	52 Dibromomethane	174	11.962	11.962	(1.083)	333493	10.9156	11
	53 1,4-Dioxane	88	11.914	11.914	(1.079)	83769	8.96635	9.0
	54 Dichlorobromomethane	83	12.128	12.133	(1.098)	616528	11.7448	12
	55 cis-1,3-Dichloropropene	75	12.759	12.759	(1.156)	391935	10.9758	11
	56 4-Methyl-2-pentanone(MIBK)	43	12.920	12.920	(1.170)	419190	11.1304	11
	57 n-Octane	43	13.171	13.171	(1.193)	429092	11.1160	11
	58 Toluene	92	13.187	13.187	(0.871)	513727	9.91080	9.9
	59 trans-1,3-Dichloropropene	75	13.551	13.551	(1.227)	453879	10.9629	11
	60 1,1,2-Trichloroethane	83	13.824	13.824	(0.913)	234140	10.3744	10
	61 Tetrachloroethene	166	13.952	13.952	(0.922)	507061	10.4143	10
	62 2-Hexanone	43	14.096	14.097	(0.931)	409775	10.7958	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	63 Chlorodibromomethane	129	14.375	14.375	(0.949)	692477	11.7048	12
	64 Ethylene Dibromide	107	14.578	14.578	(0.963)	519175	10.6695	11
*	65 Chlorobenzene-d5	117	15.140	15.145	(1.000)	1126614	10.0000	
	66 Chlorobenzene	112	15.182	15.183	(1.003)	748782	10.4978	10
	67 n-Nonane	57	15.273	15.273	(1.009)	462239	11.0404	11
	68 Ethylbenzene	91	15.252	15.252	(1.007)	1222597	10.6524	11
	69 Xylene (m,p)	106	15.402	15.402	(1.017)	986419	21.0533	21
M	70 Xylenes, Total	106				1465394	32.0624	32
	71 o-Xylene	106	15.910	15.915	(1.051)	478975	10.4798	10
	72 Styrene	104	15.937	15.937	(1.053)	751828	11.1338	11
	73 Bromoform	173	16.226	16.226	(1.072)	747398	11.7141	12
	74 Isopropylbenzene	105	16.322	16.327	(1.078)	1495087	11.0112	11
	76 1,1,2,2-Tetrachloroethane	83	16.734	16.734	(1.105)	649545	10.5468	11
	77 n-Propylbenzene	91	16.803	16.803	(1.110)	1736689	11.0891	11
	78 1,2,3-Trichloropropane	75	16.819	16.820	(1.111)	558927	10.5968	11
	79 n-Decane	57	16.873	16.873	(1.114)	610987	10.8134	11
	80 4-Ethyltoluene	105	16.932	16.932	(1.118)	1593640	11.0571	11
	81 2-Chlorotoluene	91	16.969	16.969	(1.121)	1313825	11.0646	11
	82 1,3,5-Trimethylbenzene	105	16.996	16.996	(1.123)	1295503	10.9003	11
	83 Alpha Methyl Styrene	118	17.269	17.269	(1.141)	677111	11.6305	12
	84 tert-butylbenzene	119	17.370	17.371	(1.147)	1319415	11.0499	11
	85 1,2,4-Trimethylbenzene	105	17.440	17.440	(1.152)	1294959	10.5653	11
	86 sec-Butylbenzene	105	17.627	17.627	(1.164)	1880638	11.1761	11
	87 4-Isopropyltoluene	119	17.777	17.782	(1.174)	1691757	11.1179	11
	88 1,3-Dichlorobenzene	146	17.847	17.852	(1.179)	960963	10.4399	10
	89 1,4-Dichlorobenzene	146	17.959	17.959	(1.186)	965269	10.3771	10
	90 Benzyl chloride	91	18.114	18.120	(1.196)	1205208	10.8777	11
	91 Undecane	57	18.248	18.248	(1.205)	717066	10.7877	11
	92 n-Butylbenzene	91	18.280	18.285	(1.207)	1466378	11.2781	11
	93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	897040	10.2243	10
	94 Dodecane	57	19.703	19.703	(1.301)	689966	10.4218	10
	95 1,2,4-Trichlorobenzene	180	20.794	20.794	(1.373)	716658	9.24017	9.2
	96 Hexachlorobutadiene	225	20.960	20.966	(1.384)	610618	10.2173	10
	97 Naphthalene	128	21.276	21.281	(1.405)	1558180	9.41378	9.4
	98 1,2,3-Trichlorobenzene	180	21.752	21.752	(1.437)	690615	9.77358	9.8

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: fdlto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: FA020310ICV Client Smp ID: FA020310ICV
Level: LOW Operator: pad
Data Type: MS DATA SampleType: LCS
SpikeList File: all.spk Quant Type: ISTD
Sublist File: full.sub
Method File: /chem/F.i/Fsvr.p/fdlto15.b/to15v4.m
Misc Info: FA020310ICV;020310FA;1;200

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1	Propene	10	10	103.63	70-130
2	Dichlorodifluorome	10	11	112.03	70-130
3	Chlorodifluorometh	10	11	109.80	70-130
4	1,2-Dichloro-1,1,2	10	11	114.09	70-130
5	Chloromethane	10	11	108.37	70-130
6	Butane	10	11	105.63	70-130
7	Vinyl chloride	10	11	113.35	70-130
8	Butadiene	10	12	119.30	70-130
9	Bromomethane	10	10	103.89	70-130
10	Chloroethane	10	10	102.88	70-130
11	2-Methylbutane	10	9.6	95.79	70-130
12	Vinyl bromide	10	11	110.60	70-130
13	Trichlorofluoromet	10	11	106.45	70-130
14	Pentane	10	11	106.23	70-130
15	Ethanol	10	13	127.41	70-130
16	Ethyl ether	10	11	106.97	70-130
18	Acrolein	10	9.0	89.58	70-130
17	1,1,2-Trichloro-1,	10	12	118.76	70-130
19	1,1-Dichloroethene	10	12	122.97	70-130
20	Acetone	10	11	105.87	70-130
22	Isopropyl alcohol	10	10	99.81	70-130
21	Carbon disulfide	10	11	108.78	70-130
23	3-Chloro-1-propene	10	12	115.55	70-130
24	Acetonitrile	10	11	107.23	70-130
25	Methylene chloride	10	11	114.54	70-130
26	2-Methyl-2-propano	10	9.9	98.61	70-130
27	Methyl tert-butyl	10	11	112.65	70-130
28	trans-1,2-Dichloro	10	11	113.98	70-130
29	Acrylonitrile	10	11	108.15	70-130
30	Hexane	10	10	103.96	70-130
32	Vinyl acetate	10	11	106.87	70-130
31	1,1-Dichloroethane	10	11	112.73	70-130
36	2-Butanone(MEK)	10	10	102.87	70-130

SPIKE		COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35	Ethyl acetate	10	11	106.06	70-130
	34	cis-1,2-Dichloroet	10	12	115.84	70-130
M	33	1,2-Dichloroethene	20	23	115.00	70-130
	39	Chloroform	10	11	111.87	70-130
	38	Tetrahydrofuran	10	11	108.45	70-130
	41	1,1,1-Trichloroeth	10	11	112.01	70-130
	40	Cyclohexane	10	11	111.19	70-130
	42	Carbon tetrachlori	10	11	109.32	70-130
	43	Isooctane	10	11	112.74	70-130
	44	Benzene	10	10	103.32	70-130
	45	1,2-Dichloroethane	10	11	111.58	70-130
	46	n-Heptane	10	11	110.78	70-130
	48	n-Butanol	10	8.9	89.02	70-130
	49	Trichloroethene	10	11	110.39	70-130
	51	Methyl methacrylat	10	11	109.01	70-130
	50	1,2-Dichloropropan	10	11	109.08	70-130
	53	1,4-Dioxane	10	9.0	89.66	70-130
	52	Dibromomethane	10	11	109.16	70-130
	54	Dichlorobromometha	10	12	117.45	70-130
	55	cis-1,3-Dichloropr	10	11	109.76	70-130
	56	4-Methyl-2-pentano	10	11	111.30	70-130
	57	n-Octane	10	11	111.16	70-130
	58	Toluene	10	9.9	99.11	70-130
	59	trans-1,3-Dichloro	10	11	109.63	70-130
	60	1,1,2-Trichloroeth	10	10	103.74	70-130
	61	Tetrachloroethene	10	10	104.14	70-130
	62	2-Hexanone	10	11	107.96	70-130
	63	Chlorodibromometha	10	12	117.05	70-130
	64	Ethylene Dibromide	10	11	106.69	70-130
	67	n-Nonane	10	11	110.40	70-130
	66	Chlorobenzene	10	10	104.98	70-130
	68	Ethylbenzene	10	11	106.52	70-130
	69	Xylene (m,p)	20	21	105.27	70-130
	71	o-Xylene	10	10	104.80	70-130
M	70	Xylenes, Total	30	32	106.87	70-130
	72	Styrene	10	11	111.34	70-130
	73	Bromoform	10	12	117.14	70-130
	74	Isopropylbenzene	10	11	110.11	70-130
	76	1,1,2,2-Tetrachlor	10	11	105.47	70-130
	79	n-Decane	10	11	108.13	70-130
	77	n-Propylbenzene	10	11	110.89	70-130
	78	1,2,3-Trichloropro	10	11	105.97	70-130
	80	4-Ethyltoluene	10	11	110.57	70-130
	82	1,3,5-Trimethylben	10	11	109.00	70-130
	81	2-Chlorotoluene	10	11	110.65	70-130
	83	Alpha Methyl Styre	10	12	116.31	70-130
	84	tert-butylbenzene	10	11	110.50	70-130

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
85	1,2,4-Trimethylben	10	11	105.65	70-130
86	sec-Butylbenzene	10	11	111.76	70-130
87	4-Isopropyltoluene	10	11	111.18	70-130
88	1,3-Dichlorobenzen	10	10	104.40	70-130
89	1,4-Dichlorobenzen	10	10	103.77	70-130
91	Undecane	10	11	107.88	70-130
90	Benzyl chloride	10	11	108.78	70-130
92	n-Butylbenzene	10	11	112.78	70-130
93	1,2-Dichlorobenzen	10	10	102.24	70-130
94	Dodecane	10	10	104.22	70-130
95	1,2,4-Trichloroben	10	9.2	92.40	70-130
96	Hexachlorobutadien	10	10	102.17	70-130
97	Naphthalene	10	9.4	94.14	70-130
98	1,2,3-Trichloroben	10	9.8	97.74	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date: 02/16/10 Time: 1408

Lab File ID: FDL10NV Init. Calib. Date(s): 02/03/10 02/04/10

Heated Purge: (Y/N) N Init. Calib. Times: 2106 0209

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

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.603	2.686	0.01	3.2	30.0
1,2-Dichlorotetrafluoroethan	2.316	2.424	0.01	4.7	30.0
Chloromethane	0.482	0.460	0.01	4.6	30.0
Vinyl Chloride	0.644	0.626	0.01	2.8	30.0
1,3-Butadiene	0.441	0.427	0.01	3.2	30.0
Bromomethane	0.841	0.796	0.01	5.4	30.0
Chloroethane	0.369	0.311	0.01	15.7	30.0
Bromoethene	0.878	0.850	0.01	3.2	30.0
Trichlorofluoromethane	3.113	2.926	0.01	6.0	30.0
Freon TF	1.722	1.796	0.01	4.3	30.0
1,1-Dichloroethene	0.748	0.785	0.01	4.9	30.0
Acetone	1.132	1.022	0.01	9.7	30.0
Isopropyl Alcohol	0.794	0.701	0.01	11.7	30.0
Carbon disulfide	2.279	2.191	0.01	3.9	30.0
3-Chloropropene	0.758	0.695	0.01	8.3	30.0
Methylene chloride	0.760	0.685	0.01	9.9	30.0
tert-Butyl Alcohol	1.478	1.351	0.01	8.6	30.0
Methyl tert-Butyl Ether	2.532	2.553	0.01	0.8	30.0
trans-1,2-Dichloroethene	1.142	1.136	0.01	0.5	30.0
n-Hexane	1.162	1.036	0.01	10.8	30.0
1,1-Dichloroethane	1.422	1.399	0.1	1.6	30.0
Methyl Ethyl Ketone	0.415	0.378	0.01	8.9	30.0
cis-1,2-Dichloroethene	0.898	0.941	0.01	4.8	30.0
1,2-Dichloroethene,Total	1.020	1.039	0.01	1.9	30.0
Chloroform	2.065	2.131	0.01	3.2	30.0
Tetrahydrofuran	0.147	0.132	0.01	10.2	30.0
1,1,1-Trichloroethane	0.514	0.554	0.01	7.8	30.0
Cyclohexane	0.235	0.243	0.01	3.4	30.0
Carbon tetrachloride	0.581	0.637	0.01	9.6	30.0
2,2,4-Trimethylpentane	0.713	0.699	0.01	2.0	30.0
Benzene	0.545	0.521	0.01	4.4	30.0
1,2-Dichloroethane	0.292	0.298	0.01	2.0	30.0
n-Heptane	0.248	0.229	0.01	7.7	30.0
Trichloroethene	0.271	0.289	0.01	6.6	30.0
1,2-Dichloropropane	0.172	0.172	0.01	0.0	30.0
1,4-Dioxane	0.083	0.081	0.01	2.4	30.0
Bromodichloromethane	0.469	0.510	0.01	8.7	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Instrument ID: F Calibration Date: 02/16/10 Time: 1408

Lab File ID: FDL10NV Init. Calib. Date(s): 02/03/10 02/04/10

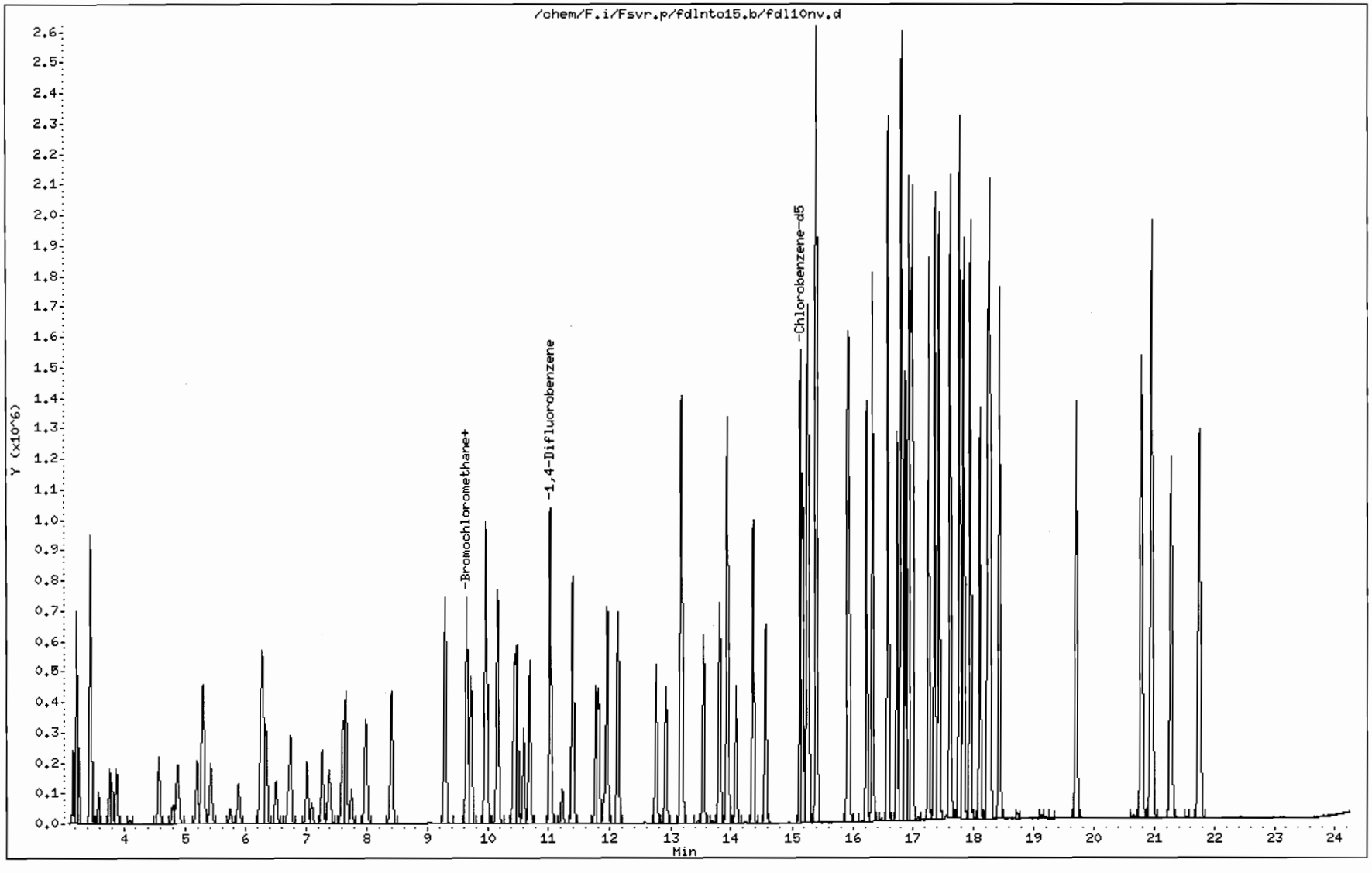
Heated Purge: (Y/N) N Init. Calib. Times: 2106 0209

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.319	0.333	0.01	4.4	30.0
Methyl Isobutyl Ketone	0.336	0.313	0.01	6.8	30.0
Toluene	0.460	0.445	0.01	3.3	30.0
trans-1,3-Dichloropropene	0.370	0.388	0.01	4.9	30.0
1,1,2-Trichloroethane	0.200	0.210	0.01	5.0	30.0
Tetrachloroethene	0.432	0.493	0.01	14.1	30.0
Methyl Butyl Ketone	0.337	0.315	0.01	6.5	30.0
Dibromochloromethane	0.525	0.611	0.01	16.4	30.0
1,2-Dibromoethane	0.432	0.476	0.01	10.2	30.0
Chlorobenzene	0.633	0.679	0.3	7.3	30.0
Ethylbenzene	1.019	1.046	0.01	2.6	30.0
Xylene (m,p)	0.416	0.438	0.01	5.3	30.0
Xylene (o)	0.406	0.430	0.01	5.9	30.0
Xylenes, Total	0.406	0.430	0.01	5.9	30.0
Styrene	0.599	0.667	0.01	11.4	30.0
Bromoform	0.566	0.686	0.01	21.2	30.0
1,1,2,2-Tetrachloroethane	0.547	0.567	0.01	3.6	30.0
4-Ethyltoluene	1.279	1.350	0.01	5.6	30.0
1,3,5-Trimethylbenzene	1.055	1.145	0.01	8.5	30.0
2-Chlorotoluene	1.054	1.210	0.01	14.8	30.0
1,2,4-Trimethylbenzene	1.088	1.164	0.01	7.0	30.0
1,3-Dichlorobenzene	0.817	0.913	0.01	11.8	30.0
1,4-Dichlorobenzene	0.826	0.917	0.01	11.0	30.0
1,2-Dichlorobenzene	0.779	0.868	0.01	11.4	30.0
1,2,4-Trichlorobenzene	0.688	0.734	0.01	6.7	30.0
Hexachlorobutadiene	0.530	0.594	0.01	12.1	30.0

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nv.d
Date : 16-FEB-2010 14:08
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 16-FEB-2010 14:08
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : ASTD010;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
2 Dichlorodifluoromethane	85	3.226	3.231	(0.334)	658577	10.0000	10
4 1,2-Dichlorotetrafluoroethane	85	3.456	3.461	(0.358)	594296	10.0000	10
5 Chloromethane	50	3.584	3.595	(0.372)	112715	10.0000	9.5
7 Vinyl Chloride	62	3.809	3.820	(0.395)	153474	10.0000	9.7
8 1,3-Butadiene	54	3.884	3.889	(0.403)	104734	10.0000	9.7
9 Bromomethane	94	4.569	4.579	(0.474)	195045	10.0000	9.5
10 Chloroethane	64	4.799	4.809	(0.497)	76272	10.0000	8.4
12 Bromoethene	106	5.189	5.200	(0.538)	208357	10.0000	9.7
13 Trichlorofluoromethane	101	5.285	5.291	(0.548)	717295	10.0000	9.4
17 Freon TF	101	6.270	6.281	(0.650)	440398	10.0000	10
19 1,1-Dichloroethene	96	6.339	6.350	(0.657)	192491	10.0000	10
20 Acetone	43	6.505	6.516	(0.674)	250566	10.0000	9.0
22 Isopropyl Alcohol	45	6.708	6.719	(0.696)	171957	10.0000	8.8
21 Carbon disulfide	76	6.746	6.757	(0.699)	537253	10.0000	9.6
23 3-Chloropropene	41	7.019	7.030	(0.728)	170373	10.0000	9.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	25 Methylene chloride	49	7.270	7.281	(0.754)	167911	10.0000	9.0
	26 tert-Butyl Alcohol	59	7.388	7.399	(0.766)	331216	10.0000	9.1
	27 Methyl tert-Butyl Ether	73	7.613	7.623	(0.789)	625857	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.661	7.672	(0.794)	278643	10.0000	10
	30 n-Hexane	57	7.987	7.993	(0.828)	253902	10.0000	8.9
	31 1,1-Dichloroethane	63	8.394	8.404	(0.870)	342971	10.0000	9.8
	36 Methyl Ethyl Ketone	72	9.282	9.293	(0.962)	92762	10.0000	9.1(Q)
	34 cis-1,2-Dichloroethene	96	9.282	9.293	(0.962)	230790	10.0000	10
M	33 1,2-Dichloroethene,Total	61				509433	20.0000	20
*	37 Bromochloromethane	128	9.645	9.656	(1.000)	245168	10.0000	
	39 Chloroform	83	9.715	9.726	(1.007)	522421	10.0000	10
	38 Tetrahydrofuran	42	9.661	9.667	(0.875)	154831	10.0000	9.0
	41 1,1,1-Trichloroethane	97	9.966	9.977	(0.903)	648197	10.0000	11
	40 Cyclohexane	84	9.977	9.983	(0.904)	283838	10.0000	10
	42 Carbon tetrachloride	117	10.164	10.175	(0.921)	744841	10.0000	11
	43 2,2,4-Trimethylpentane	57	10.448	10.459	(0.947)	817451	10.0000	9.8
	44 Benzene	78	10.496	10.502	(0.951)	609689	10.0000	9.6
	45 1,2-Dichloroethane	62	10.598	10.609	(0.960)	349197	10.0000	10
	46 n-Heptane	43	10.699	10.705	(0.969)	267432	10.0000	9.2
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1169759	10.0000	
	49 Trichloroethene	95	11.395	11.400	(1.032)	337599	10.0000	11
	50 1,2-Dichloropropane	63	11.769	11.780	(1.066)	201074	10.0000	10
	53 1,4-Dioxane	88	11.908	11.914	(1.079)	94945	10.0000	9.7
	54 Bromodichloromethane	83	12.122	12.133	(1.098)	597225	10.0000	11
	55 cis-1,3-Dichloropropene	75	12.754	12.759	(1.156)	389744	10.0000	10
	56 Methyl Isobutyl Ketone	43	12.914	12.920	(1.170)	366312	10.0000	9.3
	58 Toluene	92	13.182	13.187	(0.871)	516558	10.0000	9.7
	59 trans-1,3-Dichloropropene	75	13.545	13.551	(1.227)	454175	10.0000	10
	60 1,1,2-Trichloroethane	83	13.818	13.824	(0.913)	243603	10.0000	10
	61 Tetrachloroethene	166	13.947	13.952	(0.922)	571943	10.0000	11
	62 Methyl Butyl Ketone	43	14.086	14.097	(0.931)	365870	10.0000	9.4
	63 Dibromochloromethane	129	14.369	14.375	(0.949)	709763	10.0000	12
	64 1,2-Dibromoethane	107	14.573	14.578	(0.963)	553265	10.0000	11
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1160990	10.0000	
	66 Chlorobenzene	112	15.177	15.183	(1.003)	787968	10.0000	11
	68 Ethylbenzene	91	15.247	15.252	(1.007)	1214276	10.0000	10
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	1016785	20.0000	21
	71 Xylene (o)	106	15.905	15.915	(1.051)	499552	10.0000	11
M	70 Xylenes, Total	106				1516337	10.0000	32
	72 Styrene	104	15.931	15.937	(1.053)	774381	10.0000	11
	73 Bromoform	173	16.220	16.226	(1.072)	796368	10.0000	12
	76 1,1,2,2-Tetrachloroethane	83	16.728	16.734	(1.105)	658053	10.0000	10
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	1567705	10.0000	11
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	1329172	10.0000	11
	81 2-Chlorotoluene	91	16.964	16.969	(1.121)	1288663	10.0000	11(M)
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	1351778	10.0000	11
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	1059703	10.0000	11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
89 1,4-Dichlorobenzene	146	17.954	17.959	(1.186)	1064675	10.0000	11
93 1,2-Dichlorobenzene	146	18.435	18.446	(1.218)	1007611	10.0000	11
95 1,2,4-Trichlorobenzene	180	20.784	20.794	(1.373)	851615	10.0000	11
96 Hexachlorobutadiene	225	20.955	20.966	(1.385)	689913	10.0000	11

QC Flag Legend

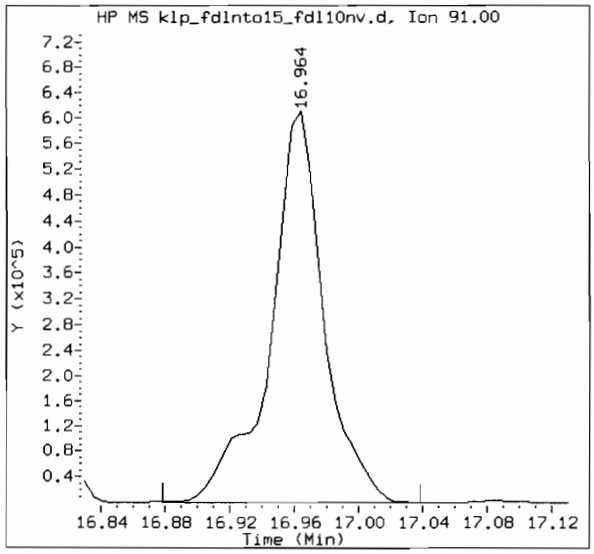
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

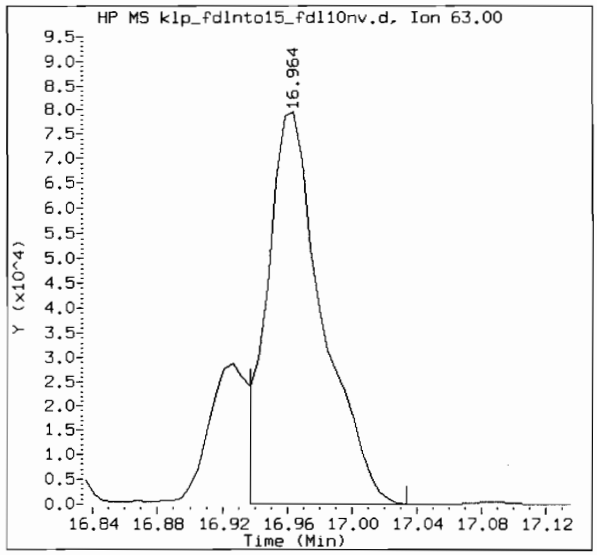
MANUAL INTEGRATION REPORT

Data File Name: fdl10nv.d
Client Sample ID: ASTD010
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 16-FEB-2010 14:08
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/25/2010 08:50

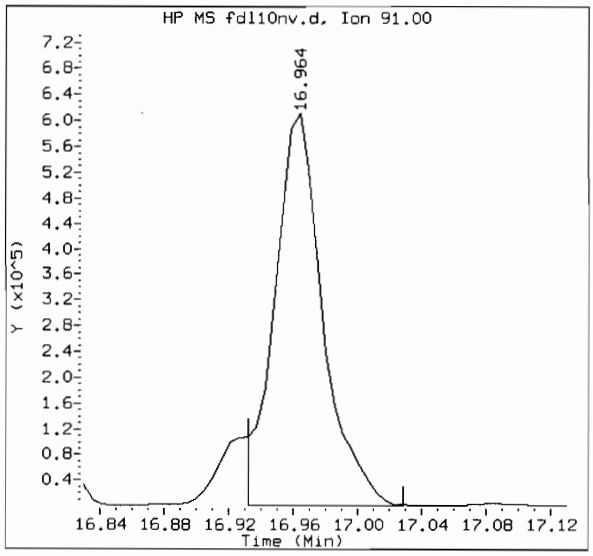


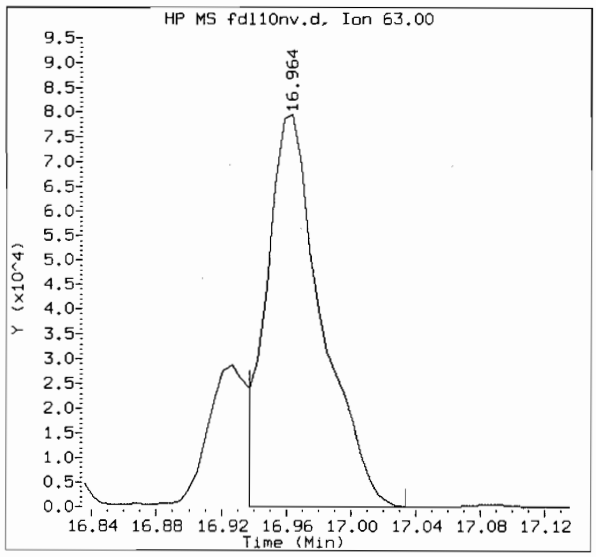


Original Integrations:

Area = 1405057

Area = 193020





Final Integrations:

Area = 1288663

Area = 193020

Manual Integration Reason: MI1 - Poor automated baseline

Raw QC Data – TO-15 Volatile

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl01pv.d

Date : 03-FEB-2010 19:25

Client ID: VBFB

Instrument: F.i

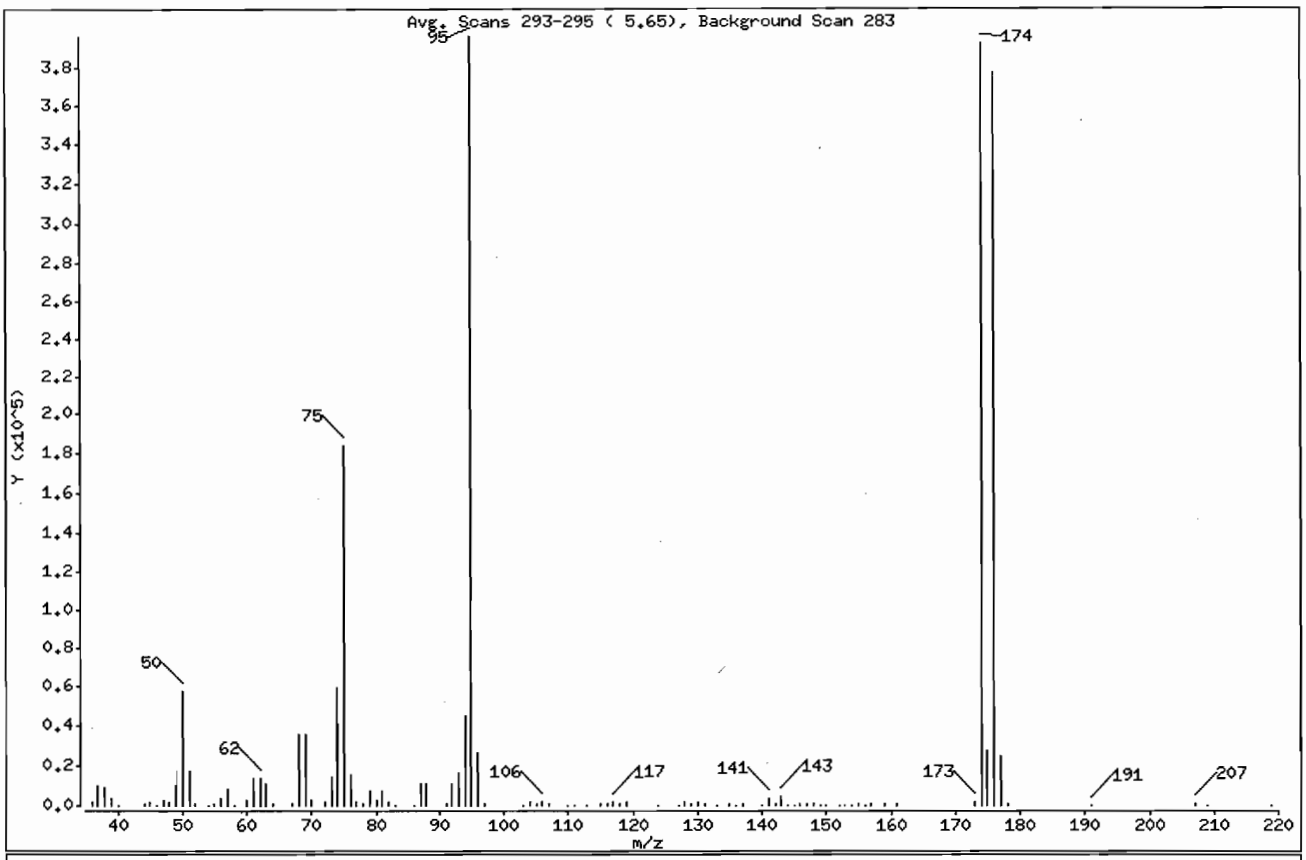
Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.45
75	30.00 - 66.00% of mass 95	46.49
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.46 (0.47)
174	50.00 - 120.00% of mass 95	99.00
175	4.00 - 9.00% of mass 174	6.84 (6.91)
176	93.00 - 101.00% of mass 174	95.24 (96.20)
177	5.00 - 9.00% of mass 176	6.12 (6.43)

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl01pv.d

Date : 03-FEB-2010 19:25

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: fdl01pv.d

Spectrum: Avg. Scans 293-295 (5.65), Background Scan 283

Location of Maximum: 95.00

Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1667	69.00	35856	105.00	545	145.00	402
37.00	10011	70.00	2544	106.00	1566	146.00	754
38.00	9203	72.00	1579	107.00	459	147.00	490
39.00	4052	73.00	14130	110.00	155	148.00	1034
40.00	116	74.00	59320	111.00	243	149.00	439
44.00	1022	75.00	184256	113.00	193	150.00	428
45.00	2210	76.00	15782	115.00	466	152.00	237
46.00	69	77.00	1691	116.00	1355	153.00	312
47.00	2347	78.00	1154	117.00	2085	154.00	276
48.00	1419	79.00	7504	118.00	1352	155.00	1161
49.00	10468	80.00	2386	119.00	1873	156.00	140
50.00	57272	81.00	7728	124.00	250	157.00	719
51.00	17568	82.00	1679	127.00	163	159.00	556
52.00	676	83.00	163	128.00	1470	161.00	606
54.00	67	86.00	183	129.00	859	173.00	1835
55.00	611	87.00	10950	130.00	1605	174.00	392384
56.00	3869	88.00	10603	131.00	613	175.00	27112
57.00	8122	91.00	1189	133.00	181	176.00	377472
58.00	296	92.00	10556	135.00	659	177.00	24264
60.00	2344	93.00	16252	136.00	147	178.00	754
61.00	13459	94.00	44704	137.00	704	191.00	47
62.00	13703	95.00	396352	140.00	161	207.00	628
63.00	10895	96.00	26848	141.00	3886	209.00	42
64.00	1072	97.00	971	142.00	496	219.00	69
67.00	825	103.00	285	143.00	4170		
68.00	35528	104.00	1561	144.00	242		

Data File: /chem/F.i/Fsvr.p/fdlto15.b/fdl01pv.d

Date : 03-FEB-2010 19:25

Client ID: VBFB

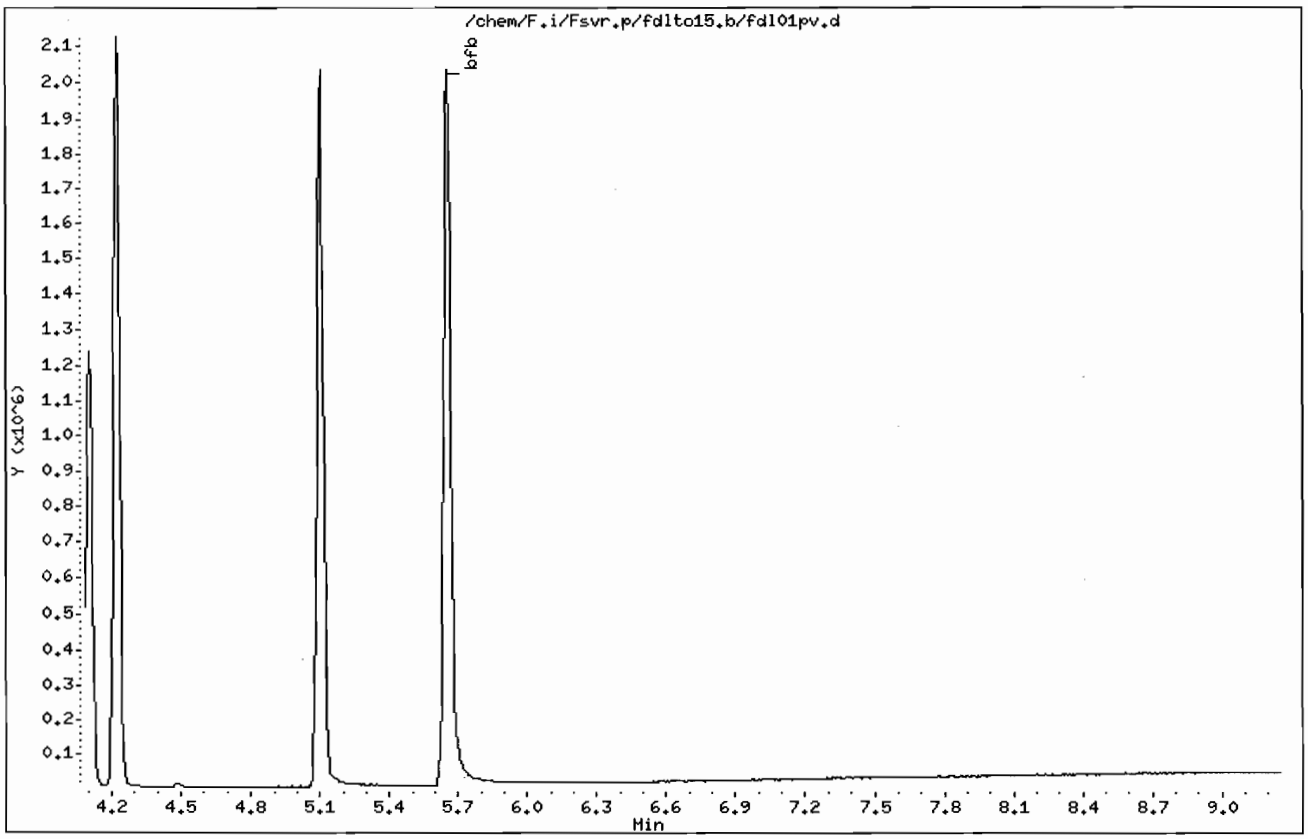
Instrument: F.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl15pv.d

Date : 16-FEB-2010 13:20

Client ID: VBFB

Instrument: F.i

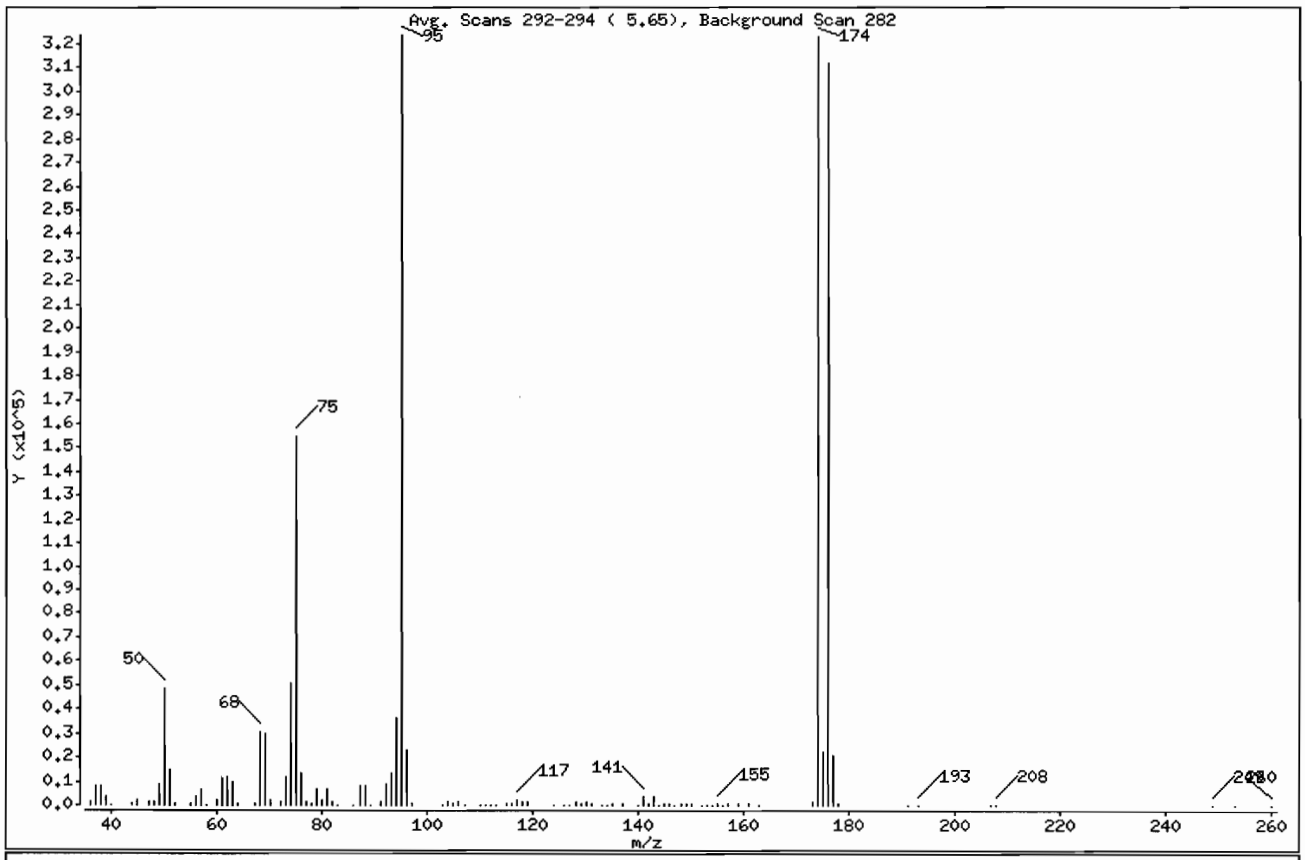
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	15.03
75	30.00 - 66.00% of mass 95	47.79
96	5.00 - 9.00% of mass 95	7.11
173	Less than 2.00% of mass 174	0.50 (0.50)
174	50.00 - 120.00% of mass 95	99.71
175	4.00 - 9.00% of mass 174	6.87 (6.89)
176	93.00 - 101.00% of mass 174	96.34 (96.62)
177	5.00 - 9.00% of mass 176	6.42 (6.67)

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl15pv.d

Date : 16-FEB-2010 13:20

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: fdl15pv.d

Spectrum: Avg. Scans 292-294 (5.65), Background Scan 282

Location of Maximum: 95.00

Number of points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1444	73.00	11808	110.00	69	147.00	225
37.00	8174	74.00	50576	111.00	101	148.00	858
38.00	7904	75.00	154688	112.00	66	149.00	395
39.00	3536	76.00	13558	113.00	75	150.00	375
40.00	76	77.00	1508	115.00	446	152.00	74
44.00	939	78.00	934	116.00	1115	153.00	104
45.00	2046	79.00	6568	117.00	1979	154.00	249
47.00	1597	80.00	2247	118.00	1220	155.00	1048
48.00	1253	81.00	6995	119.00	1559	156.00	183
49.00	8809	82.00	1384	124.00	78	157.00	648
50.00	48656	83.00	139	126.00	77	159.00	446
51.00	14838	86.00	146	127.00	136	161.00	499
52.00	514	87.00	7914	128.00	1297	163.00	4
55.00	590	88.00	8201	129.00	635	173.00	1625
56.00	3384	89.00	84	130.00	1381	174.00	322816
57.00	7016	91.00	1171	131.00	480	175.00	22232
58.00	270	92.00	9028	133.00	38	176.00	311872
60.00	2089	93.00	13765	134.00	82	177.00	20792
61.00	11509	94.00	36792	135.00	514	178.00	628
62.00	11677	95.00	323712	137.00	563	191.00	17
63.00	9512	96.00	23032	140.00	250	193.00	48
64.00	863	97.00	764	141.00	3517	207.00	38
67.00	572	103.00	164	142.00	420	208.00	43
68.00	30160	104.00	1299	143.00	3462	249.00	84
69.00	29512	105.00	547	144.00	146	253.00	16
70.00	2356	106.00	1285	145.00	381	260.00	84
72.00	1281	107.00	370	146.00	553		

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl15pv.d

Date : 16-FEB-2010 13:20

Client ID: VBFB

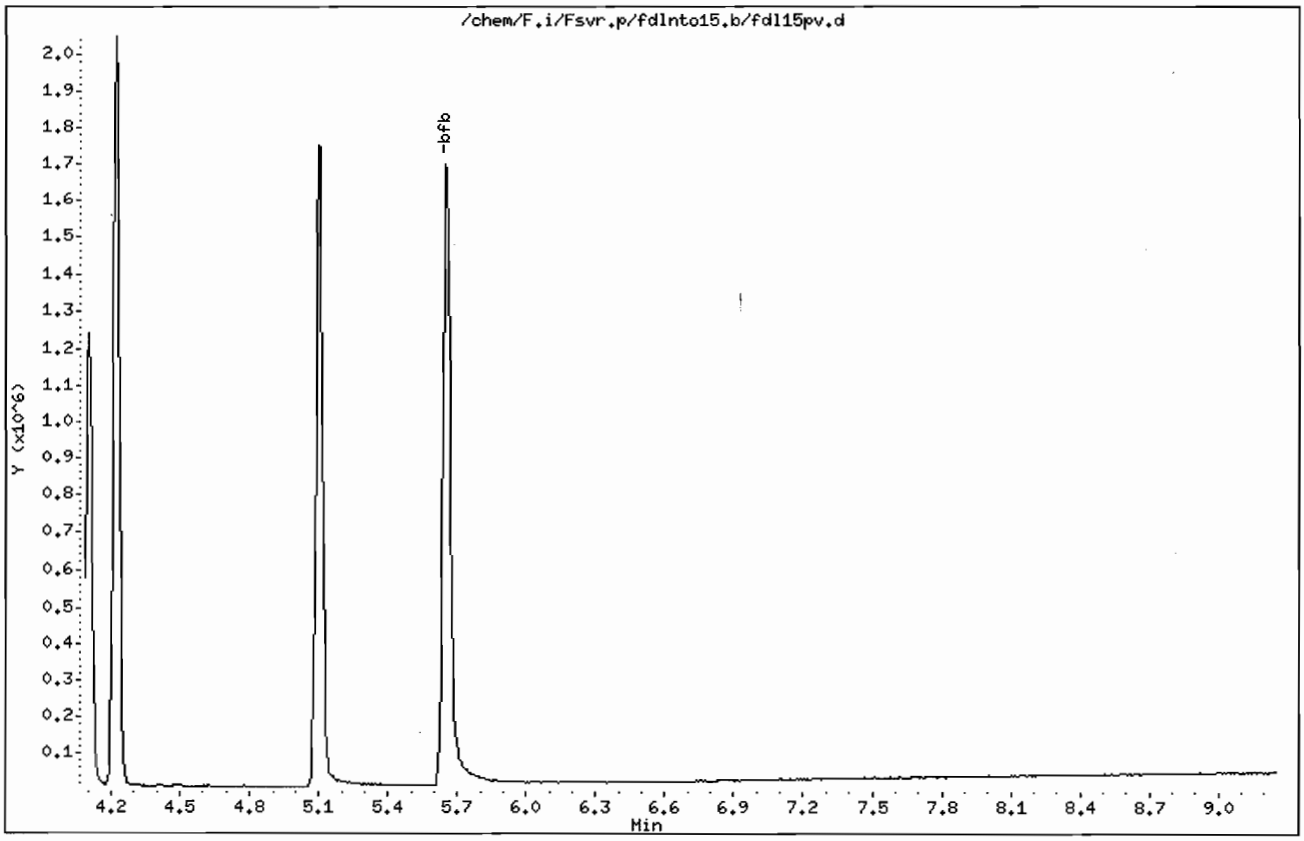
Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: MBLK021610FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDLB01N

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK021610FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: MBLK021610FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDLB01N

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdlb01n.d

Page 4

Date : 16-FEB-2010 15:49

Client ID: MBLK021610FA

Instrument: F.i

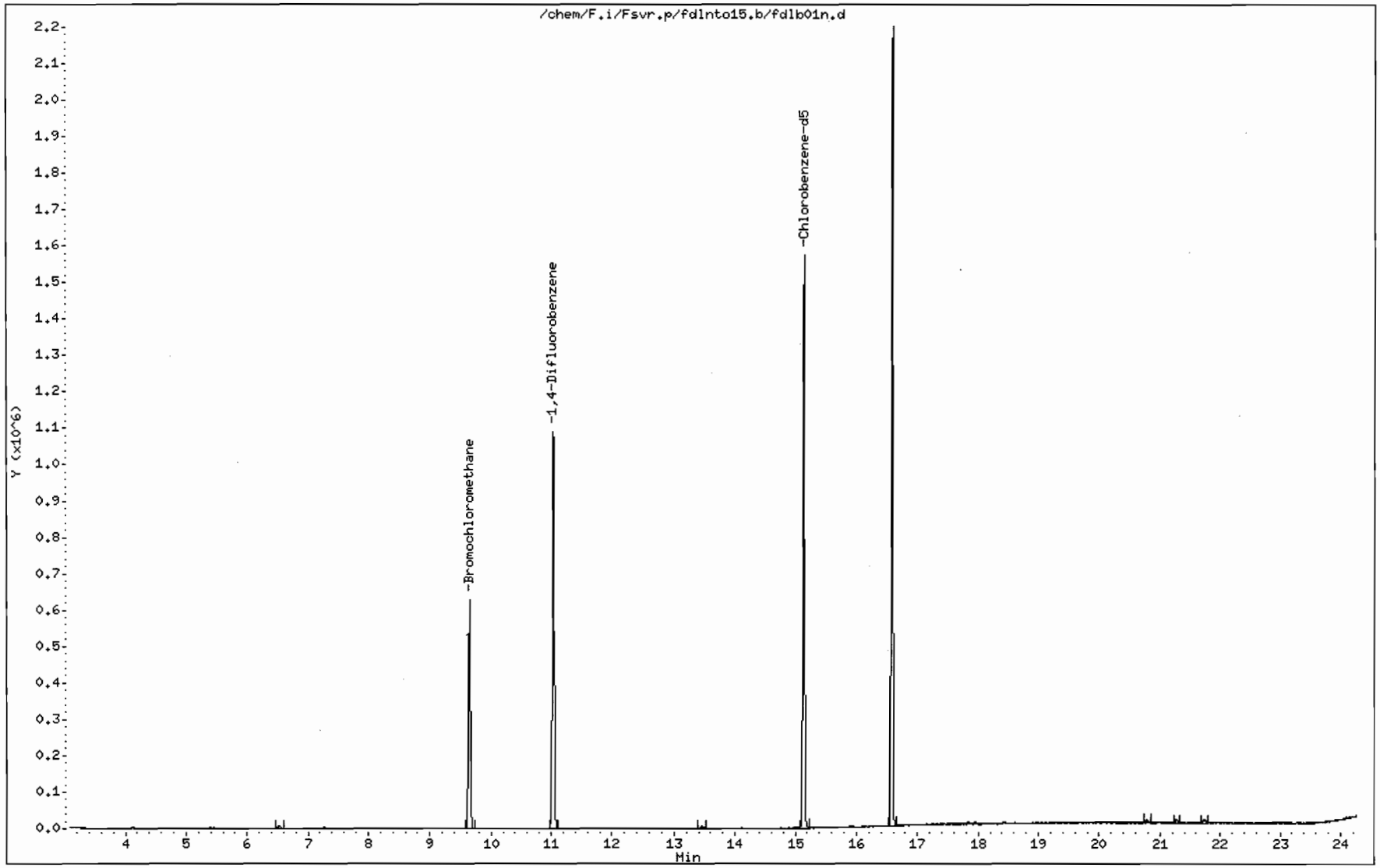
Sample Info:

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/fdlb01n.d
Lab Smp Id: MBLK021610FA Client Smp ID: MBLK021610FA
Inj Date : 16-FEB-2010 15:49
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : MBLK021610FA;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.640	9.656	(1.000)	258747	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	11.031	11.042	(1.000)	1244234	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1179849	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: FA021610LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDL10NQ

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	11	
74-87-3	Chloromethane	9.8	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	9.2	
593-60-2	Bromoethene	11	
75-69-4	Trichlorofluoromethane	10	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	9.1	
67-63-0	Isopropyl Alcohol	8.6	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	9.6	
75-09-2	Methylene chloride	9.8	
75-65-0	tert-Butyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	10	
110-54-3	n-Hexane	9.3	
75-34-3	1,1-Dichloroethane	10	
78-93-3	Methyl Ethyl Ketone	9.8	
156-59-2	cis-1,2-Dichloroethene	11	
540-59-0	1,2-Dichloroethene,Total	22	
67-66-3	Chloroform	11	
109-99-9	Tetrahydrofuran	9.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	11	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	10	
142-82-5	n-Heptane	9.4	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA021610LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY135909

Matrix: (soil/water) AIR Lab Sample ID: FA021610LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDL10NQ

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

% Moisture: not dec. _____ Date Analyzed: 02/16/10

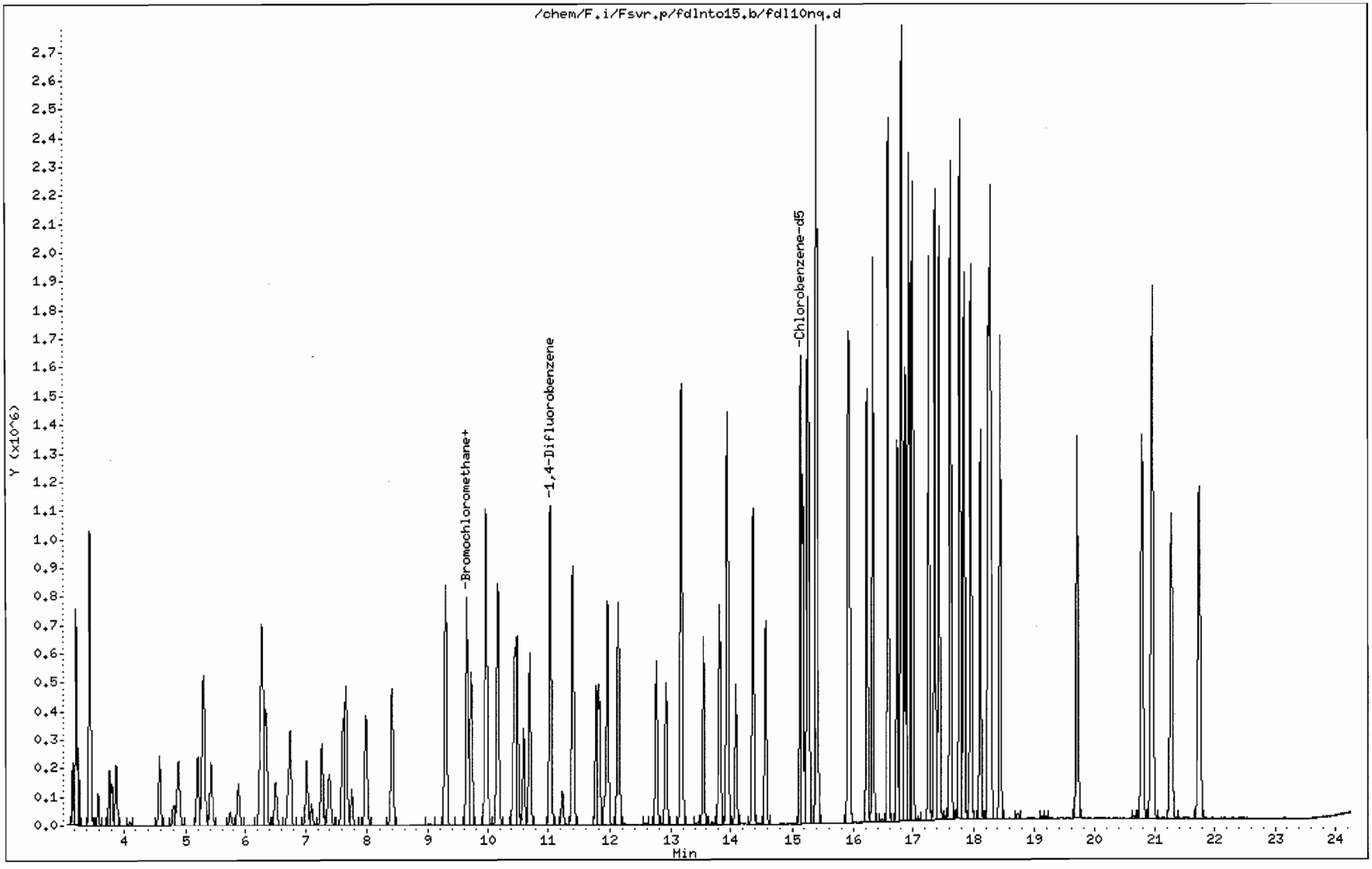
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	10	
123-91-1	1,4-Dioxane	9.0	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	11	
108-10-1	Methyl Isobutyl Ketone	9.5	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	12	
591-78-6	Methyl Butyl Ketone	9.4	
124-48-1	Dibromochloromethane	12	
106-93-4	1,2-Dibromoethane	11	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	21	
95-47-6	Xylene (o)	11	
1330-20-7	Xylenes, Total	33	
100-42-5	Styrene	11	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	10	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	11	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	11	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	9.0	
87-68-3	Hexachlorobutadiene	9.9	

Data File: /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nq.d
Date : 16-FEB-2010 14:59
Client ID: FA021610LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdlnto15.b/fdl10nq.d
Lab Smp Id: FA021610LCS Client Smp ID: FA021610LCS
Inj Date : 16-FEB-2010 14:59
Operator : wrd Inst ID: F.i
Smp Info :
Misc Info : FA021610LCS;021610FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdlnto15.b/to15v4.m
Meth Date : 25-Feb-2010 08:50 klp Quant Type: ISTD
Cal Date : 04-FEB-2010 02:09 Cal File: fdl40v.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.231	3.231	(0.335)	721482	10.5481	11
4 1,2-Dichlorotetrafluoroethane	85	3.456	3.461	(0.358)	651309	10.7042	11
5 Chloromethane	50	3.590	3.595	(0.372)	124313	9.81229	9.8
7 Vinyl Chloride	62	3.814	3.820	(0.395)	173503	10.2434	10
8 1,3-Butadiene	54	3.884	3.889	(0.403)	123176	10.6179	11
9 Bromomethane	94	4.574	4.579	(0.474)	219827	9.95056	10
10 Chloroethane	64	4.804	4.809	(0.498)	89145	9.18790	9.2
12 Bromoethene	106	5.194	5.200	(0.539)	250611	10.8585	11
13 Trichlorofluoromethane	101	5.291	5.291	(0.549)	821729	10.0466	10
17 Freon TF	101	6.280	6.281	(0.651)	543835	12.0155	12
19 1,1-Dichloroethene	96	6.345	6.350	(0.658)	245347	12.4721	12
20 Acetone	43	6.510	6.516	(0.675)	272153	9.14811	9.1
22 Isopropyl Alcohol	45	6.708	6.719	(0.696)	180221	8.63813	8.6
21 Carbon disulfide	76	6.751	6.757	(0.700)	620181	10.3562	10
23 3-Chloropropene	41	7.024	7.030	(0.728)	191029	9.59245	9.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	7.270	7.281	(0.754)	196679	9.84359	9.8	
	26 tert-Butyl Alcohol	59	7.388	7.399	(0.766)	352247	9.06962	9.1	
	27 Methyl tert-Butyl Ether	73	7.618	7.623	(0.790)	709854	10.6681	11	
	28 trans-1,2-Dichloroethene	61	7.666	7.672	(0.795)	308194	10.2735	10	
	30 n-Hexane	57	7.987	7.993	(0.828)	283746	9.29674	9.3	
	31 1,1-Dichloroethane	63	8.394	8.404	(0.870)	385359	10.3134	10	
	36 Methyl Ethyl Ketone	72	9.282	9.293	(0.962)	106584	9.76670	9.8	(Q)
	34 cis-1,2-Dichloroethene	96	9.282	9.293	(0.962)	268035	11.3540	11	
M	33 1,2-Dichloroethene,Total	61				576229	21.6275	22	
*	37 Bromochloromethane	128	9.645	9.656	(1.000)	262745	10.0000		(Q)
	39 Chloroform	83	9.715	9.726	(1.007)	582938	10.7416	11	
	38 Tetrahydrofuran	42	9.661	9.667	(0.875)	169102	9.10199	9.1	
	41 1,1,1-Trichloroethane	97	9.972	9.977	(0.904)	713537	10.9918	11	
	40 Cyclohexane	84	9.977	9.983	(0.904)	322893	10.8485	11	
	42 Carbon tetrachloride	117	10.170	10.175	(0.921)	815011	11.0899	11	
	43 2,2,4-Trimethylpentane	57	10.448	10.459	(0.947)	919348	10.2016	10	
	44 Benzene	78	10.496	10.502	(0.951)	691743	10.0440	10	
	45 1,2-Dichloroethane	62	10.598	10.609	(0.960)	386688	10.4718	10	
	46 n-Heptane	43	10.699	10.705	(0.969)	295400	9.41316	9.4	
*	47 1,4-Difluorobenzene	114	11.036	11.042	(1.000)	1264139	10.0000		
	49 Trichloroethene	95	11.395	11.400	(1.032)	373010	10.8943	11	
	50 1,2-Dichloropropane	63	11.775	11.780	(1.067)	219457	10.0796	10	
	53 1,4-Dioxane	88	11.908	11.914	(1.079)	95425	9.04291	9.0	
	54 Bromodichloromethane	83	12.122	12.133	(1.098)	674739	11.3800	11	
	55 cis-1,3-Dichloropropene	75	12.754	12.759	(1.156)	425028	10.5379	11	
	56 Methyl Isobutyl Ketone	43	12.914	12.920	(1.170)	405223	9.52593	9.5	
	58 Toluene	92	13.182	13.187	(0.871)	570837	10.0153	10	
	59 trans-1,3-Dichloropropene	75	13.545	13.551	(1.227)	485045	10.3725	10	
	60 1,1,2-Trichloroethane	83	13.818	13.824	(0.913)	256831	10.3492	10	
	61 Tetrachloroethene	166	13.947	13.952	(0.922)	624154	11.6584	12	
	62 Methyl Butyl Ketone	43	14.086	14.097	(0.931)	394181	9.44452	9.4	
	63 Dibromochloromethane	129	14.369	14.375	(0.949)	800022	12.2980	12	
	64 1,2-Dibromoethane	107	14.572	14.578	(0.963)	592450	11.0728	11	
*	65 Chlorobenzene-d5	117	15.134	15.145	(1.000)	1238797	10.0000		
	66 Chlorobenzene	112	15.177	15.183	(1.003)	849339	10.8292	11	
	68 Ethylbenzene	91	15.247	15.252	(1.007)	1324787	10.4975	10	
	69 Xylene (m,p)	106	15.396	15.402	(1.017)	1100402	21.3592	21	
	71 Xylene (o)	106	15.905	15.915	(1.051)	533246	10.6107	11	
M	70 Xylenes, Total	106				1633648	32.5069	33	
	72 Styrene	104	15.931	15.937	(1.053)	829227	11.1679	11	
	73 Bromoform	173	16.220	16.226	(1.072)	870456	12.4073	12	
	76 1,1,2,2-Tetrachloroethane	83	16.728	16.734	(1.105)	684815	10.1125	10	
	80 4-Ethyltoluene	105	16.926	16.932	(1.118)	1727329	10.8993	11	
	82 1,3,5-Trimethylbenzene	105	16.991	16.996	(1.123)	1408195	10.7755	11	
	81 2-Chlorotoluene	91	16.964	16.969	(1.121)	1389696	10.6437	11	(M)
	85 1,2,4-Trimethylbenzene	105	17.435	17.440	(1.152)	1396521	10.3621	10	
	88 1,3-Dichlorobenzene	146	17.841	17.852	(1.179)	1076137	10.6324	11	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	17.953	17.959	(1.186)	1075461	10.5147	11
93 1,2-Dichlorobenzene	146	18.440	18.446	(1.218)	998503	10.3502	10
95 1,2,4-Trichlorobenzene	180	20.783	20.794	(1.373)	768104	9.00665	9.0
96 Hexachlorobutadiene	225	20.955	20.966	(1.385)	653541	9.94524	9.9

QC Flag Legend

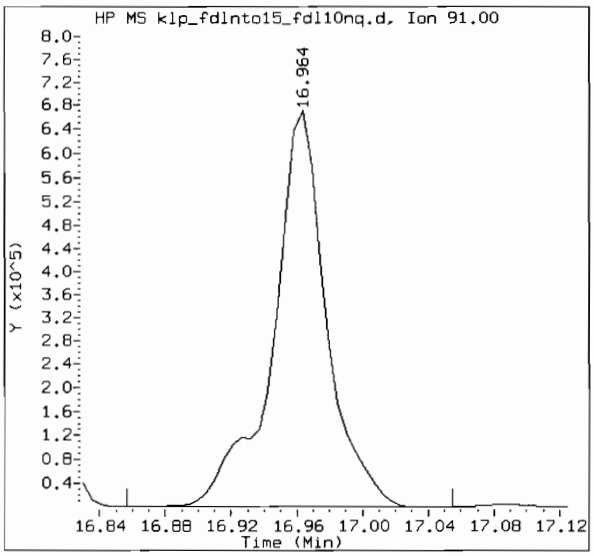
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

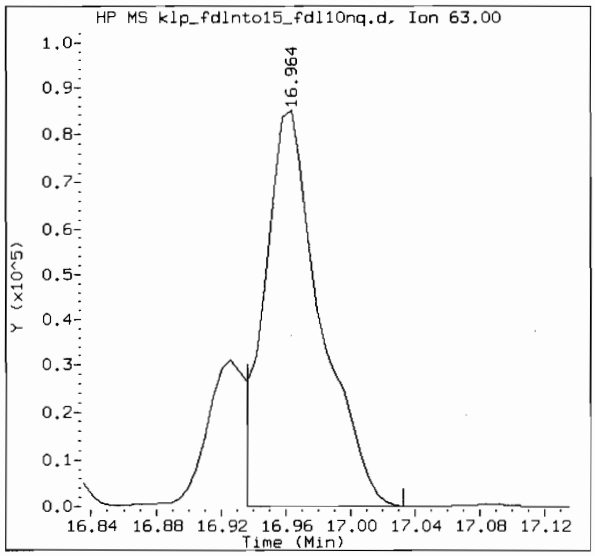
MANUAL INTEGRATION REPORT

Data File Name: fdl10nq.d
Client Sample ID: FA021610LCS
Compound Name: 2-Chlorotoluene

Inj. Date and Time: 16-FEB-2010 14:59
Instrument ID: F.i
CAS #: 95-49-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 02/25/2010 08:50

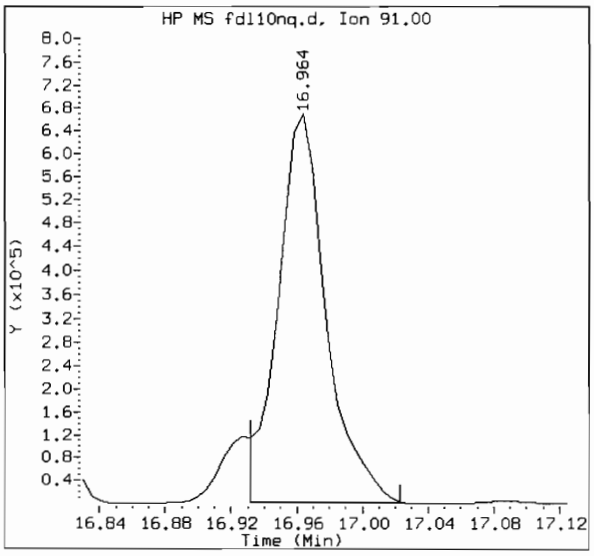


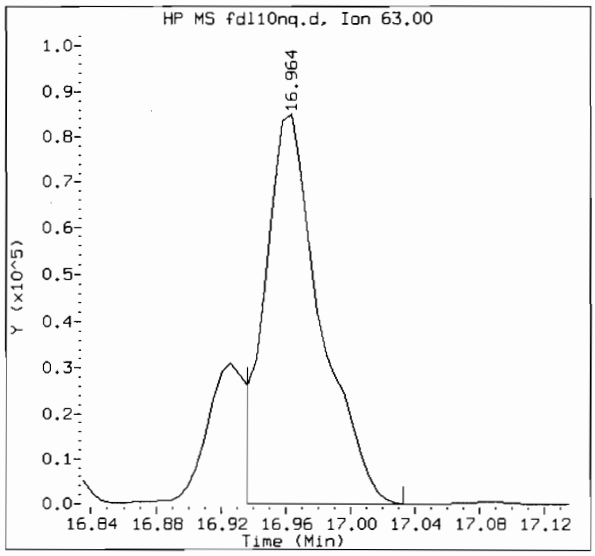


Original Integrations:

Area = 1529476

Area = 205306





Final Integrations:

Area = 1389696

Area = 205306

Manual Integration Reason: MI1 - Poor automated baseline

Sample Preparation – TO-15 Volatile

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
AKRF1	135909	135909	2-12-10	0918	29.5	22	G5	J.J.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
820120	3427	0.0	N	4977	Y	2901 GDZAC	200ml/min
820121	2737	-13.7	"	4600	"	4806 CIYJ	"
820122	2632	-12.5	"	4708	"	3657 FDIAH	"
820123	4127	-22.4	Y	4685	"	2901 GDZAC	"
820124	4430	-12.5	"	4702	"	"	"
820125	4910	-11.2	"	4611	"	"	"
820126	3405	1.0	"	4687	"	"	"
820127	3571	-8.3	"	4689	"	"	"
820128	4873	-9.1	"	4621	"	4806 CIYJ	"

J.J. 2-12-2010

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

TestAmerica Burlington - Manual Integration Summary
SDG: fdlto15 curve Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD0.2	ASTD0.2	INIT. CALIB.	F	RTX-624	03-FEB-2010 21:06	FDL002V	
	3.889	Butadiene			MI2 - Peak missed	njr 02/04/10 09:17	02/9/10 NJR
	5.195	Vinyl bromide			MI2 - Peak missed	njr 02/04/10 09:17	
	7.415	2-Methyl-2-propanol			MI2 - Peak missed	njr 02/04/10 09:18	
	8.399	1,1-Dichloroethane			MI2 - Peak missed	njr 02/04/10 09:18	
	8.410	Vinyl acetate			MI2 - Peak missed	njr 02/04/10 09:18	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	KLP 02/09/10
	19.703	Dodecane			MI2 - Peak missed	njr 02/04/10 09:18	02/09/10 NJR
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	03-FEB-2010 23:39	FDL10V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	KLP 02/09/10
ASTD015	ASTD015	INIT. CALIB.	F	RTX-624	04-FEB-2010 00:29	FDL15V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:34	
ASTD020	ASTD020	INIT. CALIB.	F	RTX-624	04-FEB-2010 01:19	FDL20V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	
ASTD040	ASTD040	INIT. CALIB.	F	RTX-624	04-FEB-2010 02:09	FDL40V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	

Summary Generated: klp 02/09/2010 10:48 Secondary Review(1): KLP 02/09/10 Secondary Review(2): NJR 02/09/10 Page 1

TestAmerica Burlington - Manual Integration Summary
SDG: NY135909 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD0.2	ASTD0.2	INIT. CALIB.	F	RTX-624	03-FEB-2010 21:06	FDL002V	
	3.889	Butadiene			MI2 - Peak missed	njr 02/04/10 09:17	
	5.195	Vinyl bromide			MI2 - Peak missed	njr 02/04/10 09:17	
	7.415	2-Methyl-2-propanol			MI2 - Peak missed	njr 02/04/10 09:18	
	8.399	1,1-Dichloroethane			MI2 - Peak missed	njr 02/04/10 09:18	
	8.410	Vinyl acetate			MI2 - Peak missed	njr 02/04/10 09:18	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	
	19.703	Dodecane			MI2 - Peak missed	njr 02/04/10 09:18	
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	03-FEB-2010 23:39	FDL10V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:33	
ASTD015	ASTD015	INIT. CALIB.	F	RTX-624	04-FEB-2010 00:29	FDL15V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:34	
ASTD020	ASTD020	INIT. CALIB.	F	RTX-624	04-FEB-2010 01:19	FDL20V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	
ASTD040	ASTD040	INIT. CALIB.	F	RTX-624	04-FEB-2010 02:09	FDL40V	
	16.969	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/09/10 10:35	KLP 02/25/10
ASTD010	ASTD010	CONT. CALIB.	F	RTX-624	16-FEB-2010 14:08	FDL10NV	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/24/10 21:21	KLP 02/25/10
FA021610LCS	FA021610LCS	LCS	F	RTX-624	16-FEB-2010 14:59	FDL10NQ	
	16.964	2-Chlorotoluene			MI1 - Poor automated baseline	klp 02/24/10 21:18	1

Summary Generated: klp 02/24/2010 21:24 Secondary Review(1): NSA | 02/25/10 Secondary Review(2): _____ | _____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: FDL	Start Date: 02/03/10	Time: 1925	ISTD Lot #: 15696	Instrument ID: F
Test Method: T015	End Date: 02/04/10	Time: 1925	CAL STD Lot # see comments	Instrument: 5973
ICAL Date: 02/03/10			ICV / LCS Lot #	Column Type: RTX-624

	Manager MTP	Analyst	Analyst	Analyst WHD	Analyst
Name/Initial	Mark Phillips	Paul Daigle	Nicholas Rovner NTR	William D. Jordan	Karen L. Perkins / KLP
Signature	Mark Phillips	Paul D. / PAD			Karen L. Perkins

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1925	FDL01PV	N/A	BFB	N/A			PAD	N/A	✓	PAD/NTR	
2015	FDLB01	4633	IBLK		1	200		✓	✓	↓	
2106	FDL002V	3089	level 1		2	200		N/A	✓		14386 MI 9/16/10
2157	FDL005V	3413	level 2		3	200			✓	NTR	14385
2248	FDL05V	3535	level 3		4	200			✓		14318
2339	FDL10V	3642	level 4		5	200			✓		17391 MI
0029	FDL20V/15V	3510	level 5		6	200			✓		17389
0119	FDL20V	3643	level 6		7	200			✓		17387
0209	FDL40V	2691	level 7		8	200			✓		17386
0300	FDLB02	4633	IBLK		1	200		↓	✓		
0351	FDL10Q	3551	ICV		9	200		✓	✓		17650
0442	FDLB03	4633	MBLK		1	200		✓	✓		
0532	FDL002Q	3089	0.2 LLWS		2			✓	✓		14386 1↓
0622	FDL005Q	3413	0.5 RLWS		3			✓	✓		14385
0712	FDL05Q	3535	5.0 RLWS	↓	4	↓	↓	✓	✓		14318
1004	FDLB04	4633	IBLK	NA	1	200	WHD	✓	✓	WHD	
1054	FDLCCV5	4985	CCV Tst		13	40		✓	✓		17383
1145	FDLB05	4633	IBLK		1	200		✓	✓		
1236	FDLLCS5	4984	LCS Tst		14	40		✓	✓		17384
1326	FDLB06	4633	IBLK	↓	1	200	↓	✓	✓	↓	

2/4/10

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

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FOLN	Start Date: 2/16/10	Time: 1320	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 2/17/10	Time: 1320	CAL STD Lot #	12391	Instrument: 5973
ICAL Date:	2/3/10			ICV / LCS Lot #	12657	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1320	FOL15PV		BFB	NA	NA	NA	WMD	NA	NA	WMD	
1408	FOL10NV	3642	CCV		1	200		NA	✓		AG
1459	FOL10NQ	6526	LCS		2			✓	✓		"
1549	FOLBOIN	4983	MBLK		3			✓	✓		
1631	8203240	Bag	135946	3.50	4	14		✓	✓		1:250 dil C
1722	8203250			2.500	5	20		✓	✓		C
1812	8203260			2.500	6	20		✓	✓		C
1903	8203270			1.610	7	31		✓	✓		C
1954	820328			1	8	200		✓	✓		GH C
2045	820329			1	9			✓	↑		CCl4 49 RV:2
2135	820 1200	3427	135909	10	10	20		✓	↓		RV 1:3.3
2229	8201210	2737			11			✓	✓		C High TICs
2320	8201220	2632			12			✓	↓		RV 1:3.3
0012	8201230	4127		9.97	13	59		✓	✓		CDF 2.94 / C
0100	820124	4430			14	200		✓	✓		C
0153	820125	4910			15			✓	↑		IPA 61 RV: 1.1.2
0244	820126	3405			16			✓	✓		GC
0336	820127	3571			17			✓	↑		Styrene 120 RV: 4.5
0427	820128	4823			2			✓	✓		C
0519	8201190	4370	135908	~~2.10~~	3	~~20~~		✓	↓		RV 1:6
0611	8202350	~~4575~~	135930	1	4	200		✓	✓		C
0732	8203291	BMB	135946	2	9	100	NJR	✓	✓		C
0823	8201251	4910	135909	2.27	15	88		✓	✓		C
0914	8201271	3571	↓	4.55	17	44		✓	✓		C
1006	8201200	3427	135909	3.33	10	60	WMD	✓	✓		C High TICs
1056	8201220	2632	↓	3.33	12	60	↓	✓	✓		C
1147	8201190	4370	135908	6.06	3	33	WMD	✓	✓		C

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

SUMMA Canister Dilution Spreadsheet

Client: akrf1
ETR: 135909
Analyst: wrd
Date: 02/14/10

Lab ID	Preadjusted Pressure ("Hg)	=	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	=	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution factor
820123A	-22.8	=	0.24	1.43	-4.4	=	0.70	4.20	2.94
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00

CALCULATION:

$$\frac{\text{Preadjusted Pressure("Hg)} + 29.92\text{" Hg}}{29.92\text{" Hg}} \times 6\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Preadjusted Pressure(psig)} + 14.7\text{psig}}{14.7\text{psig}} \times 6\text{L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

Where:
29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
6 L = Volume of SUMMA canister at atmospheric pressure.

Sample Handling

ORIGIN ID: OXCA (203) 929-8140
RECEIVING
TESTAMERICA
128 LONG HILL CROSS ROAD
SHELTON, CT 06484
UNITED STATES US
Ship Date: 09FEB10
ActWgt: 12.0 LB MAN
System#: 585591/CAFE2361
Account: S 309102843
TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
(802) 660-1990
FedEx
Express
CLS05107/22/23
Delivery Address Barcode
BILL RECIPIENT
STANDARD OVERNIGHT
WED
Deliver By:
10FEB10
TRK# 4220 7055 7027
Form 0201
BTV
AA
05403 -VT-US
ZF BTVA
TAMPER
TAMPER

ORIGIN ID: OXCA (203) 929-8140
RECEIVING
TESTAMERICA
12B LONG HILL CROSS ROAD
SHELTON, CT 06484
UNITED STATES US
TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
Ship Date: 09FEB10
ActWgt: 7.0 LB MAN
System#: 585591/CAFE2361
Account: S 309102843
(802) 660-1990
FedEx
Express
CLS050107/22/23
Delivery Address Barcode
BILL RECIPIENT
STANDARD OVERNIGHT
TRK# 4220 7055 7016
Form 0201
WED
Deliver By
10FEB10
BTV AA
05403 -VT-US
ZF BTVA
EVIDENT

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: AKRF	Date Received: 02/10/10	Log In Date: 2/11/10	
ETR: 135907	Time Received: 1005	By: CM	
SDG: 135909	Received By: CK	Signature:	
Project: 29000	# Coolers Received: 4 Boxes	PM Signature:	
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 2/21/10	
List Air bill Number(s) or Attach a photocopy of the Air Bill:			

COOLER SCREEN	YES	NO	NA	COMMENTS
There is ***no*** evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		
If yes, list custody seal numbers:				

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

IR Gun ID: 96 Correction Factor (CF) = 0 °C

Cooler 1: AIR	°C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

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

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X			
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

COCs contain scribbles and write overs

FSR002:12.19.07:3

AKRF, Inc.
440 Park Avenue South New York, NY 10016
212-696-0670

Submitted to:

NYSDEC Division of Environmental Remediation
47-20 21st Street
Long Island City, NY 11101

QUARTERLY VAPOR MONITORING REPORT

Flushing Industrial Park

Parcel 2

Project Number: 30141

AUGUST 2010

Flushing Industrial Park

Parcel 2

FLUSHING, NEW YORK

Quarterly Vapor Monitoring Report

May/June 2010 Sampling Event

AKRF Project Number: 30141

Prepared for:

NYSDEC – Region 2
Division of Environmental Remediation
47-20 21st Street
Long Island City, New York 11101

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

AUGUST 2010

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE 1
3.0 VAPOR MONITORING ACTIVITIES 2
3.1 SSDS Inspection 2
3.2 Vapor Sampling Methodology 2
4.0 FINDINGS AND CONCLUSIONS 3
4.1 Vapor Analytical Results 3
4.2 Continuation of Vapor Monitoring 3

TABLES

Table 1 Post-Remediation Vapor Sample Laboratory Analytical Results – VOCs

FIGURES

Figure 1 Site Location Map
Figure 2 Vapor Monitoring Sample Locations

APPENDICES

Appendix A Periodic Inspection Log
Appendix B Laboratory Analytical Results (CD)

1.0 INTRODUCTION

This Quarterly Vapor Monitoring Report has been prepared by AKRF, Inc. (AKRF) to summarize the sub-slab depressurization system (SSDS) vapor discharge monitoring performed at the Flushing Industrial Park (Western), Parcel 2 (BCP Site No. C241078) during the second quarter of 2010. This Parcel, in combination with Flushing Industrial Park (Eastern), Parcel 1 (BCP Site No. C241051), Flushing Industrial Park (Western Waterfront), Parcel 3 (BCP Site No. C241079), and Flushing Industrial Park (Flushing River), Parcel 4 (former BCP Site No. C241080), comprise approximately 13.6 acres located on the northwestern corner of College Point Boulevard and 40th Road, in Flushing, Queens, New York (collectively, the Property). The Property location is shown on Figure 1.

In 2001, C.E. Flushing, LLC (the initial Volunteer) entered into a Voluntary Cleanup Agreement with the New York State Department of Environmental Conservation (NYSDEC) with regard to the Property. By letter dated April 2, 2004, the Volunteer requested transition from the Voluntary Cleanup Program to the Brownfield Cleanup Program (BCP) for completion of the remedial program for the Property. In December 2004, the Volunteer entered into separate Brownfield Cleanup Agreements (BCAs) with NYSDEC for each of four Parcels – each one generally matching the former operable unit (OU). Amended BCAs to revise the Volunteers were executed in June 2005, December 2006, April 2007 and November 2007. In December 2007, Final Engineering Reports and Site Management Plans (SMPs) were submitted and NYSDEC granted Certificates of Completion for Parcels 1, 2 and 3. Under the SMPs, post-remediation vapor monitoring is to be performed on a quarterly basis after the start up of the SSDS.

2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE

Site remediation of Parcel 2 included the installation of a vapor mitigation system, comprised of an SSDS and a vapor barrier, under the western retail building of the property development. The vapor mitigation system design and installation oversight were conducted by Langan Engineering and Environmental Services, Inc. (Langan) of Elmwood Park, New Jersey. The SSDS construction was completed between October 30 and November 21, 2007, as documented in Langan's Engineering Controls (EC) Completion Report, dated November 28, 2007. The SSDS consists of eight parallel runs of six-inch diameter solid and perforated Schedule 80 PVC pipe installed within a continuous gravel layer beneath the vapor barrier and site cover. The piping connects together at two manifold locations to the north and south of the Parcel 2 western retail building footprint. The two manifolds each consist of four pipe risers (exhaust stacks) with independent inline vacuum fans and sixteen (16) pipe cleanouts, designated SP-1 through SP-16 at the perimeter of the building. The system consists of eight (8) exhaust stacks with sixteen (16) in-line fans (2 fans per exhaust stack, though initially only one per stack was installed), with sampling ports in the riser pipes beneath in each respective fan. See Figure 2 for the piping layout and the vapor sampling locations in the pipe risers (designated CE-VAPOR-1 to CE-VAPOR-8).

The vapor barrier is comprised of 60-millimeter thick linear low-density polyethylene geomembrane. The vapor barrier seams and perforations were sealed with double sided tape per manufacture specifications.

During the construction phase of the western retail building on Parcel 2, the active operation of the SSDS was temporarily suspended. Langan conducted confirmation (pilot) testing of the SSDS while in active operation on January 20, 2010 and concluded that the SSDS was operating effectively. As outlined in Langan's Soil Vapor Mitigation System Activation Status Memorandum dated January 22, 2010, which was submitted to NYSDEC as an attachment to the May 2010 *Quarterly Vapor Monitoring Report*, the

vapor mitigation measures have been modified since the submittal of the EC Completion Report and certification. These modifications included:

- The extension of the exhaust stacks to 6-stories above ground level;
- The addition of the second in-line fan to each stack on the 4th floor near the top of each stack;
- The reinstallation of the vapor barrier in the northern half of the western retail building footprint;
- The installation of a waterproofing course of Liquid Boot (a secondary vapor barrier) to the underside of the western retail building slab; and
- Modifications to the number and locations of clean-outs and sampling ports (SP).

To our knowledge, no additional modifications have been made to the SSDS since the January 20, 2010 activation.

3.0 VAPOR MONITORING ACTIVITIES

3.1 SSDS Inspection

The SSDS has been inspected regularly since the system was restarted on January 20, 2010. Inspections were conducted on a weekly basis during the first month and quarterly thereafter (as part of the quarterly vapor discharge sampling). These inspections consisted of measuring flow rates and vacuum readings to confirm that all of the fans are operational. The inspection performed on May 24 and June 1, 2010 prior to the quarterly sampling event, indicated that all fans were operational and vacuum measurements at all the vapor sampling locations (CE-VAPOR-1 to CE-VAPOR-8) were within acceptable range.

During the inspection, several of the cleanout pipes (SP-2, 3, 4, 7, 13, and 16) were not present, apparently buried beneath pavement; therefore, vapors within these SPs could not be field screened and vacuum readings could be not collected. Vacuum pressures and field-screened vapor concentrations at the accessible cleanout ports (SP-1, 5, 6, 8, 9, 10, 11, 12, 14, and 15) were within normal range. The vacuum at these cleanouts are considered ancillary to those in the risers and these measurements are not necessary to evaluate system performance. The field screening readings would not be representative of sub-slab conditions as the pipes are under vacuum during system operation. As such, future inspection events will only confirm the port and cap integrity at accessible cleanout locations. The inspection log is provided in Appendix A.

3.2 Vapor Sampling Methodology

Vapor samples were collected below each of the upper (4th floor) fans on May 24 and June 1, 2010 to confirm that emissions met the thresholds in the NYSDEC Division of Air Resources (DAR) publication "*Air Guide-1: Annual Guideline Concentrations (AGC)/Short-term Guideline Concentrations (SGC) Tables*", dated September 10, 2007. The vapor samples were collected directly from the sampling ports below the 4th floor SSDS fans. During sampling, the 1st floor fans were running but the 4th floor fans were turned off so there was no vacuum on the sampling port. Eight samples (designated CE-VAPOR-1 to CE-VAPOR-8) were collected with 6-liter Summa canisters equipped with flow regulators and vacuum gauges to allow sample collection over a 30-minute period. Vapors were also field screened by collecting samples in Tedlar® bags and using a photo-ionization detector (PID) to detect volatile organic compounds (VOCs) and a landfill gas meter to detect methane.

One ambient air sample (CE-AA) was collected on the central portion of the roof to determine background levels. All sampling was conducted in accordance with the SMP protocol. Vapor sampling activities were recorded on the Periodic Inspection Logs presented in Appendix A. All other observations (e.g., field screening results, sampling personnel, and sample port integrity) were also noted on the inspection log.

Summa canisters were placed in a secure shipping container for pickup by the laboratory. Vapor samples were analyzed for VOCs using EPA Method TO-15 at TestAmerica, Inc. of South Burlington, Vermont, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Procedure (ELAP) certified laboratory.

4.0 FINDINGS AND CONCLUSIONS

4.1 Vapor Analytical Results

Field screening results at sampling ports at both the 1st floor and 4th floor locations indicated that vacuum pressures and field-screened vapor concentrations were within acceptable ranges. Low methane concentrations—a maximum of 0.2% methane, which is 4% of the lower explosive limit (LEL)—were detected in three of the lines in the 4th floor sampling ports. No elevated PID readings were noted in the sampling ports in either the 1st floor or 4th floor ports. The analytical results are summarized in Table 1, and the laboratory analytical reports are provided in Appendix B. The laboratory analytical reports include the chain of custody documentation, laboratory certification and laboratory quality assurance data. Vapor analytical results were compared to the corresponding NYSDEC DAR-1 SGCs. Analytical results for the eight soil vapor samples and the ambient air sample indicated the detection of eleven compounds; however, none exceeded the SGCs and most were found at levels of only tens of micrograms per cubic meter at most. Detected compounds were methyl ethyl ketone, toluene, styrene, tetrahydrofuran, dichloroethane, xylenes, n-heptane, trimethylbenzene, trimethylpentane, and ethylbenzene. Several of these compounds are potentially related to gasoline. None of the compounds detected were the target compounds for determining the recommended response actions identified in the NYSDOH October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*.

The analytical results indicated that effluent treatment is not warranted as part of the vapor mitigation system. The potential for vapor intrusion from the low level concentrations of methane and VOCs in the sub-slab vapors is also mitigated by presence of two vapor barrier layers beneath the building.

4.2 Continuation of Vapor Monitoring

Vapor monitoring activities will continue on a quarterly basis (unless permission to discontinue is granted in writing by NYSDEC and NYSDOH) to determine whether emissions continue to meet the SGCs, and to evaluate system performance with the fans operating. In order to determine whether the system can be converted to passive venting (i.e., without operating the in-line fans), a separate sampling protocol will be established for approval by NYSDEC and NYSDOH.

TABLES

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-1		CE-VAPOR-2		CE-VAPOR-3	
Lab Sample ID	DAR-1 SGC	820120	831824	820121	831825	820122	831826
Date Sampled		2/8/2010	6/1/2010	2/8/2010	6/1/2010	2/8/2010	6/1/2010
Dilution		3.33	10	10	10	3.33	10
VOCs (µg/m³)	µg/m³						
1,1,1-Trichloroethane **	68,000	3.7 U	11 U	11 U	11 U	3.7 U	11 U
1,1,2,2-Tetrachloroethane	NS	4.6 U	14 U	14 U	14 U	4.6 U	14 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	5.1 U	15 U	15 U	15 U	5.1 U	15 U
1,1,2-Trichloroethane	NS	3.7 U	11 U	11 U	11 U	3.7 U	11 U
1,1-Dichloroethane	NS	2.7 U	8.1 U	8.1 U	8.1 U	2.7 U	8.1 U
1,1-Dichloroethene	NS	2.7 U	7.9 U	7.9 U	7.9 U	2.7 U	7.9 U
1,2,4-Trichlorobenzene	3,700	13 U	37 U	37 U	37 U	13 U	37 U
1,2,4-Trimethylbenzene	NS	15	9.8 U	9.8 U	9.8 U	10	9.8 U
1,2-Dibromoethane	NS	5.1 U	15 U	15 U	15 U	5.1 U	15 U
1,2-Dichlorobenzene	30,000	4 U	12 U	12 U	12 U	4 U	12 U
1,2-Dichloroethane	NS	2.7 U	8.1 U	8.1 U	8.1 U	2.7 U	8.1 U
1,2-Dichloroethene (cis)	NS	2.7 U	7.9 U	7.9 U	7.9 U	2.7 U	7.9 U
1,2-Dichloroethene (trans)	NS	2.7 U	7.9 U	7.9 U	7.9 U	2.7 U	7.9 U
1,2-Dichloroethene,Total	NS	2.7 U	7.9 U	7.9 U	7.9 U	2.7 U	7.9 U
1,2-Dichloropropane	NS	3.1 U	9.2 U	9.2 U	9.2 U	3.1 U	9.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	4.7 U	14 U	14 U	14 U	4.7 U	14 U
1,3,5-Trimethylbenzene	NS	24	18	29	14	6.4	17
1,3-Butadiene	NS	3.8 U	11 U	11 U	11 U	3.8 U	11 U
1,3-Dichlorobenzene	30,000	20	12 U	23	12 U	34	12 U
1,3-Dichloropropene (cis)	NS	3 U	9.1 U	9.1 U	9.1 U	3 U	9.1 U
1,3-Dichloropropene (trans)	NS	3 U	9.1 U	9.1 U	9.1 U	3 U	9.1 U
1,4-Dichlorobenzene	NS	4 U	12 U	12 U	12 U	4 U	12 U
1,4-Dioxane	3,000	61 U	180 U	180 U	180 U	61 U	180 U
2,2,4-Trimethylpentane	NS	3.1 U	9.3 U	40	21	3.1 U	9.3 U
2-Chlorotoluene (o-Chlorotoluene)	NS	3.5 U	10 U	10 U	10 U	3.5 U	10 U
3-Chloropropene (allyl chloride)	600	5.3 U	16 U	16 U	16 U	5.3 U	16 U
4-Ethyltoluene (p-Ethyltoluene)	NS	9.8	9.8 U	9.8 U	9.8 U	3.6	9.8 U
Acetone	180000	40 U	120 U	120 U	120 U	140	120 U
Benzene	1300	2.6	6.4 U	6.4 U	6.4 U	2.1 U	6.4 U
Bromodichloromethane	NS	4.5 U	13 U	13 U	13 U	4.5 U	13 U
Bromoform	NS	6.9 U	21 U	21 U	21 U	6.9 U	21 U
Bromomethane (Methyl bromide)	3,900	2.6 U	7.8 U	7.8 U	7.8 U	2.6 U	7.8 U
Carbon disulfide	6,200	5.3 U	16 U	16 U	16 U	5.3 U	16 U
Carbon tetrachloride	1,900	4.2 U	13 U	13 U	13 U	4.2 U	13 U
Chlorobenzene	NS	3.1 U	9.2 U	9.2 U	9.2 U	3.1 U	9.2 U
Chloroethane (ethyl chloride)	NS	4.5 U	13 U	20	13 U	4.5 U	13 U
Chloroform	150	3.3 U	9.8 U	9.8 U	9.8 U	3.3 U	9.8 U
Chloromethane (Methyl chloride)	22,000	3.5 U	10 U	10 U	10 U	3.5 U	10 U
Cyclohexane	NS	4.5	6.9 U	6.9	6.9 U	2.3 U	6.9 U
Dibromochloromethane	NS	5.7 U	17 U	17 U	17 U	5.7 U	17 U
Dichlorodifluoromethane	NS	8.4 U	25 U	25 U	25 U	8.4 U	25 U
Ethylbenzene	54,000	16	8.7 U	14	8.7 U	8.3	13
Hexachlorobutadiene	NS	7.1 U	21 U	21 U	21 U	7.1 U	21 U
Isopropanol	98,000	160	120 U	140	120 U	210	120 U
Methyl Butyl Ketone (2-Hexanone)	4,000	7 U	20 U	20 U	20 U	7 U	20 U
Methyl ethyl ketone (2-Butanone)	13,000	5 U	15 U	15 U	15 U	100	15 U
Methyl isobutyl ketone	31,000	7 U	20 U	20 U	20 U	7 U	20 U
Methylene Chloride	14,000	6.6	17 U	17 U	17 U	5.9 U	17 U
MTBE (Methyl tert-butyl ether)	NS	6.1 U	18 U	18 U	18 U	6.1 U	18 U
n-Heptane	210,000	27	8.2	30	21	3.6	8.2 U
n-Hexane	NS	6 U	18 U	18 U	18 U	6 U	18 U
Styrene	17,000	3.3	8.5 U	8.5 U	8.5 U	3.2	8.5 U
Tertiary butyl alcohol (TBA)	NS	52 U	150 U	150 U	150 U	52 U	150 U
Tetrachloroethene (PCE)	1,000	4.5 U	14 U	14 U	14 U	4.5	14 U
Tetrahydrofuran	30,000	50 U	150 U	150 U	150 U	62	150 U
Toluene **	37,000	16	7.5 U	9	7.5 U	14	7.5 U
Trichloroethene (TCE)	14,000	3.6 U	11 U	11 U	11 U	3.6 U	11 U
Trichlorofluoromethane (Freon 11)	68,000	3.8 U	11 U	11 U	11 U	3.8 U	11 U
Vinyl bromide	NS	2.9 U	8.7 U	8.7 U	8.7 U	2.9 U	8.7 U
Vinyl Chloride	180,000	1.7 U	5.1 U	5.1 U	5.1 U	1.7 U	5.1 U
Xylene (m&p)	4,300	52	14	23	9.1	38	27
Xylene (m,p)	4,300	30	17 U	17 U	17 U	24	17 U
Xylene (o)	4,300	23	14	23	9.1	13	27

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-4		CE-VAPOR-5		CE-VAPOR-6	
Lab Sample ID	DAR-1 SGC	820123	831827	820125	831356	820126	831357
Date Sampled		2/8/2010	6/1/2010	2/8/2010	5/24/2010	2/8/2010	5/24/2010
Dilution		9.97	10	2.27	10	1	10
VOCs (µg/m³)	µg/m³						
1,1,1-Trichloroethane **	68,000	11 U	11 U	2.5 U	11 U	1.1 U	11 U
1,1,2,2-Tetrachloroethane	NS	14 U	14 U	3.1 U	14 U	1.4 U	14 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	15 U	15 U	3.4 U	15 U	1.5 U	15 U
1,1,2-Trichloroethane	NS	11 U	11 U	2.5 U	11 U	1.1 U	11 U
1,1-Dichloroethane	NS	8.1 U	8.1 U	1.8 U	8.1 U	0.81 U	8.1 U
1,1-Dichloroethene	NS	7.9 U	7.9 U	1.8 U	7.9 U	0.79 U	7.9 U
1,2,4-Trichlorobenzene	3,700	37 U	37 U	8.2 U	37 U	3.7 U	37 U
1,2,4-Trimethylbenzene	NS	9.8 U	9.8 U	5.4	9.8 U	1.6	9.8 U
1,2-Dibromoethane	NS	15 U	15 U	3.5 U	15 U	1.5 U	15 U
1,2-Dichlorobenzene	30,000	12 U	12 U	2.7 U	12 U	1.2 U	12 U
1,2-Dichloroethane	NS	8.1 U	8.1 U	1.8 U	8.1 U	0.81 U	10
1,2-Dichloroethene (cis)	NS	7.9 U	7.9 U	1.8 U	7.9 U	0.79 U	7.9 U
1,2-Dichloroethene (trans)	NS	7.9 U	7.9 U	1.8 U	7.9 U	0.79 U	7.9 U
1,2-Dichloroethene,Total	NS	7.9 U	7.9 U	1.8 U	7.9 U	0.79 U	7.9 U
1,2-Dichloropropane	NS	9.2 U	9.2 U	2.1 U	9.2 U	0.92 U	9.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	14 U	14 U	3.1 U	14 U	1.4 U	14 U
1,3,5-Trimethylbenzene	NS	9.8 U	35	2.2 U	9.8 U	0.98 U	9.8 U
1,3-Butadiene	NS	11 U	11 U	2.4 U	11 U	1.1 U	11 U
1,3-Dichlorobenzene	30,000	34	12 U	22	12 U	2	12 U
1,3-Dichloropropene (cis)	NS	9.1 U	9.1 U	2 U	9.1 U	0.91 U	9.1 U
1,3-Dichloropropene (trans)	NS	9.1 U	9.1 U	2 U	9.1 U	0.91 U	9.1 U
1,4-Dichlorobenzene	NS	12 U	12 U	2.7 U	12 U	1.2 U	12 U
1,4-Dioxane	3,000	180 U	180 U	40 U	180 U	18 U	180 U
2,2,4-Trimethylpentane	NS	9.3 U	9.3 U	2.1 U	9.3 U	1.1	9.3 U
2-Chlorotoluene (o-Chlorotoluene)	NS	10 U	10 U	2.3 U	10 U	1 U	10 U
3-Chloropropene (allyl chloride)	600	16 U	16 U	3.4 U	16 U	1.6 U	16 U
4-Ethyltoluene (p-Ethyltoluene)	NS	9.8 U	9.8 U	2.2 U	9.8 U	0.98 U	9.8 U
Acetone	180000	120 U	120 U	71	120 U	62	120 U
Benzene	1300	6.4 U	6.4 U	3.1	6.4 U	1.4	6.4 U
Bromodichloromethane	NS	13 U	13 U	3 U	13 U	1.3 U	13 U
Bromoform	NS	21 U	21 U	4.7 U	21 U	2.1 U	21 U
Bromomethane (Methyl bromide)	3,900	7.8 U	7.8 U	1.7 U	7.8 U	0.78 U	7.8 U
Carbon disulfide	6,200	16 U	16 U	3.7	16 U	1.6 U	16 U
Carbon tetrachloride	1,900	13 U	13 U	2.8 U	13 U	1.3 U	13 U
Chlorobenzene	NS	9.2 U	9.2 U	2.1 U	9.2 U	0.92 U	9.2 U
Chloroethane (ethyl chloride)	NS	13 U	13 U	2.9 U	13 U	1.3 U	13 U
Chloroform	150	9.8 U	9.8 U	2.4	9.8 U	0.98 U	9.8 U
Chloromethane (Methyl chloride)	22,000	10 U	10 U	2.3 U	10 U	1.1	10 U
Cyclohexane	NS	6.9 U	6.9 U	1.5 U	6.9 U	0.93	6.9 U
Dibromochloromethane	NS	17 U	17 U	3.8 U	17 U	1.7 U	17 U
Dichlorodifluoromethane	NS	25 U	25 U	5.4 U	25 U	2.5	25 U
Ethylbenzene	54,000	8.7 U	29	4.3	8.7 U	2.3	8.7 U
Hexachlorobutadiene	NS	21 U	21 U	4.8 U	21 U	2.1 U	21 U
Isopropanol	98,000	690	120 U	150	120 U	24	120 U
Methyl Butyl Ketone (2-Hexanone)	4,000	20 U	20 U	4.5 U	20 U	2 U	20 U
Methyl ethyl ketone (2-Butanone)	13,000	15 U	15 U	8.6	32	1.5 U	68
Methyl isobutyl ketone	31,000	20 U	20 U	4.5 U	20 U	2 U	20 U
Methylene Chloride	14,000	19	17 U	3.8 U	17 U	1.7 U	17 U
MTBE (Methyl tert-butyl ether)	NS	18 U	18 U	4 U	18 U	1.8 U	18 U
n-Heptane	210,000	8.6	15	2.3	8.2 U	1.4	8.2 U
n-Hexane	NS	18 U	18 U	11	18 U	9.9	18 U
Styrene	17,000	8.5 U	8.5 U	60	12	1.3	13
Tertiary butyl alcohol (TBA)	NS	150 U	150 U	33 U	150 U	15 U	150 U
Tetrachloroethene (PCE)	1,000	14 U	14 U	3.1 U	14 U	1.4 U	14 U
Tetrahydrofuran	30,000	150 U	150 U	32 U	150 U	15 U	150
Toluene **	37,000	26	7.5 U	57	20	68	31
Trichloroethene (TCE)	14,000	11 U	11 U	2.4 U	11 U	1.1 U	11 U
Trichlorofluoromethane (Freon 11)	68,000	11 U	11 U	2.5 U	11 U	1.2	11 U
Vinyl bromide	NS	8.7 U	8.7 U	2 U	8.7 U	0.87 U	8.7 U
Vinyl Chloride	180,000	5.1 U	5.1 U	1.2 U	5.1 U	0.51 U	5.1 U
Xylene (m&p)	4,300	36	96	20	8.7 U	9.6	8.7 U
Xylene (m,p)	4,300	24	30	15	17 U	7.4	17 U
Xylene (o)	4,300	11	65	5.2	8.7 U	2	8.7 U

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-7		CE-VAPOR-8		CE-AA	
Lab Sample ID	DAR-1 SGC	820127	831358	820128	831359	820124	831360
Date Sampled		2/8/2010	5/24/2010	2/8/2010	5/24/2010	2/8/2010	5/24/2010
Dilution		4.55	10	1	10	1	1
VOCs (µg/m³)	µg/m³						
1,1,1-Trichloroethane **	68,000	5 U	11 U	1.1 U	11 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	NS	6.2 U	14 U	1.4 U	14 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	7 U	15 U	1.5 U	15 U	1.5 U	1.5 U
1,1,2-Trichloroethane	NS	5 U	11 U	1.1 U	11 U	1.1 U	1.1 U
1,1-Dichloroethane	NS	3.7 U	8.1 U	0.81 U	8.1 U	0.81 U	0.81 U
1,1-Dichloroethene	NS	3.6 U	7.9 U	0.79 U	7.9 U	0.79 U	0.79 U
1,2,4-Trichlorobenzene	3,700	17 U	37 U	3.7 U	37 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	NS	4.9	9.8 U	3.9	9.8 U	0.98 U	0.98 U
1,2-Dibromoethane	NS	7 U	15 U	1.5 U	15 U	1.5 U	1.5 U
1,2-Dichlorobenzene	30,000	5.5 U	12 U	1.2 U	12 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	3.7 U	8.1 U	0.81 U	8.5	0.81 U	0.81 U
1,2-Dichloroethene (cis)	NS	3.6 U	7.9 U	0.79 U	7.9 U	0.79 U	0.79 U
1,2-Dichloroethene (trans)	NS	3.6 U	7.9 U	0.79 U	7.9 U	0.79 U	0.79 U
1,2-Dichloroethene,Total	NS	3.6 U	7.9 U	0.79 U	7.9 U	0.79 U	0.79 U
1,2-Dichloropropane	NS	4.2 U	9.2 U	0.92 U	9.2 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	6.4 U	14 U	1.4 U	14 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene	NS	4.5 U	9.8 U	1.2	9.8 U	0.98 U	0.98 U
1,3-Butadiene	NS	5.1 U	11 U	1.1 U	11 U	1.1 U	1.1 U
1,3-Dichlorobenzene	30,000	16	12 U	15	12 U	1.2 U	1.2 U
1,3-Dichloropropene (cis)	NS	4.1 U	9.1 U	0.91 U	9.1 U	0.91 U	0.91 U
1,3-Dichloropropene (trans)	NS	4.1 U	9.1 U	0.91 U	9.1 U	0.91 U	0.91 U
1,4-Dichlorobenzene	NS	5.5 U	12 U	1.2 U	12 U	1.2 U	1.2 U
1,4-Dioxane	3,000	83 U	180 U	18 U	180 U	18 U	18 U
2,2,4-Trimethylpentane	NS	4.3 U	9.3 U	1.5	9.3 U	0.93 U	0.93 U
2-Chlorotoluene (o-Chlorotoluene)	NS	4.7 U	10 U	1 U	10 U	1 U	1 U
3-Chloropropene (allyl chloride)	600	7.2 U	16 U	1.6 U	16 U	1.6 U	1.6 U
4-Ethyltoluene (p-Ethyltoluene)	NS	4.5 U	9.8 U	1.3	9.8 U	0.98 U	0.98 U
Acetone	180000	55 U	120 U	76	120 U	12	12 U
Benzene	1300	5.1	6.4 U	1.7	6.4 U	1	0.64 U
Bromodichloromethane	NS	6.1 U	13 U	1.3 U	13 U	1.3 U	1.3 U
Bromoform	NS	9.4 U	21 U	2.1 U	21 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)	3,900	3.5 U	7.8 U	0.78 U	7.8 U	0.78 U	0.78 U
Carbon disulfide	6,200	9.3	16 U	1.6 U	16 U	1.6 U	1.6 U
Carbon tetrachloride	1,900	5.7 U	13 U	1.3 U	13 U	1.3 U	1.3 U
Chlorobenzene	NS	4.2 U	9.2 U	0.92 U	9.2 U	0.92 U	0.92 U
Chloroethane (ethyl chloride)	NS	6.1 U	13 U	1.3 U	13 U	1.3 U	1.3 U
Chloroform	150	4.4 U	9.8 U	0.98 U	9.8 U	0.98 U	0.98 U
Chloromethane (Methyl chloride)	22,000	4.7 U	10 U	1.4	10 U	1.3	1 U
Cyclohexane	NS	3.1 U	6.9 U	1.1	6.9 U	0.69 U	0.69 U
Dibromochloromethane	NS	7.8 U	17 U	1.7 U	17 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	11 U	25 U	2.5 U	25 U	2.5 U	2.5 U
Ethylbenzene	54,000	4.8	8.7 U	3.6	8.7 U	0.91	0.87 U
Hexachlorobutadiene	NS	9.7 U	21 U	2.1 U	21 U	2.1 U	2.1 U
Isopropanol	98,000	76	120 U	69	120 U	12 U	12 U
Methyl Butyl Ketone (2-Hexanone)	4,000	9.4 U	20 U	2 U	20 U	2 U	2 U
Methyl ethyl ketone (2-Butanone)	13,000	38	380	2.7	120	1.5 U	1.6
Methyl isobutyl ketone	31,000	9.4 U	34	2 U	20 U	2 U	2 U
Methylene Chloride	14,000	8 U	17 U	2	17 U	8	1.7 U
MTBE (Methyl tert-butyl ether)	NS	8.3 U	18 U	1.8 U	18 U	1.8 U	1.8 U
n-Heptane	210,000	3.7 U	8.2 U	1.8	8.2 U	0.82 U	0.82 U
n-Hexane	NS	8.1 U	18 U	12	18 U	3.3	1.8 U
Styrene	17,000	510	51	29	27	0.85 U	0.85 U
Tertiary butyl alcohol (TBA)	NS	70 U	150 U	15 U	150 U	15 U	15 U
Tetrachloroethene (PCE)	1,000	6.2 U	14 U	1.4 U	14 U	1.4 U	1.4 U
Tetrahydrofuran	30,000	68	530	15 U	230	15 U	15 U
Toluene **	37,000	32	14	79	26	5.3	3
Trichloroethene (TCE)	14,000	4.9 U	11 U	1.1 U	11 U	1.1 U	1.1 U
Trichlorofluoromethane (Freon 11)	68,000	5.1 U	11 U	1.4	11 U	1.5	1.4
Vinyl bromide	NS	4 U	8.7 U	0.87 U	8.7 U	0.87 U	0.87 U
Vinyl Chloride	180,000	2.3 U	5.1 U	0.51 U	5.1 U	0.51 U	0.51 U
Xylene (m&p)	4,300	21	8.7 U	16	8.7 U	2.9	1.8
Xylene (m,p)	4,300	13	17 U	12	17 U	2.9	1.8
Xylene (o)	4,300	7.4	8.7 U	3.8	8.7 U	0.87 U	0.87 U

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

U : The analyte was not detected at the indicated concentration.

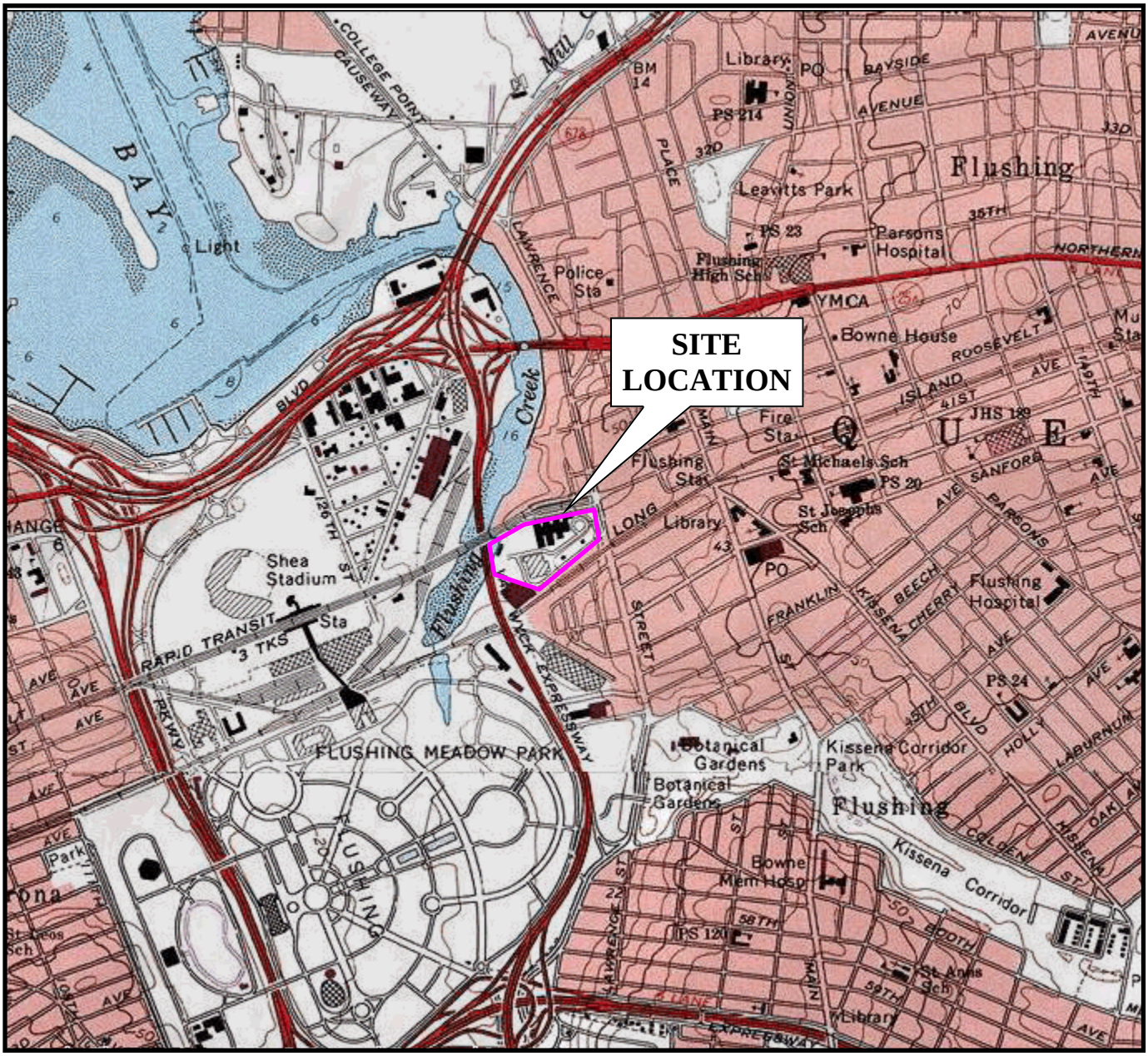
Exceedences are highlighted in bold font.

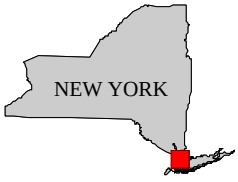
AIR

DAR-1 SGC : To satisfy the requirements described in 6 NYCRR Part 212.9(a) Table 1, the NYSDEC established a listing of non-criteria air contaminants with acceptable ambient air concentrations to help the user of DAR-1 make an appropriate Environmental Rating determination. The acceptable air concentrations, in micrograms per cubic meter, are listed for annual emission rates called Annual Guideline Concentrations (AGC) and for hourly emission rates called Short-Term Guideline Concentrations (SGC). A listing of AGC/SGCs were incorporated into the 1991 Draft version of Air Guide-1 (DAR-1) under Appendix C and revised in 1995, 2000, 2003 and 2007

µg/m^3 : micrograms per cubic meter of air

FIGURES

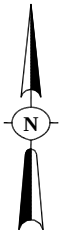




SCALE IN FEET

0’ 1000’ 2000’ 4000’

SCALE: 1”=2000’



SOURCE:

7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP
QUADRANGLE: FLUSHING, NY 1995

FLUSHING INDUSTRIAL PARK, PARCELS 1-4
FLUSHING, NEW YORK

PROJECT SITE LOCATION

AKRF

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE **11.21.06**
PROJECT No. **30141**
SCALE **AS SHOWN**
FIGURE **1**

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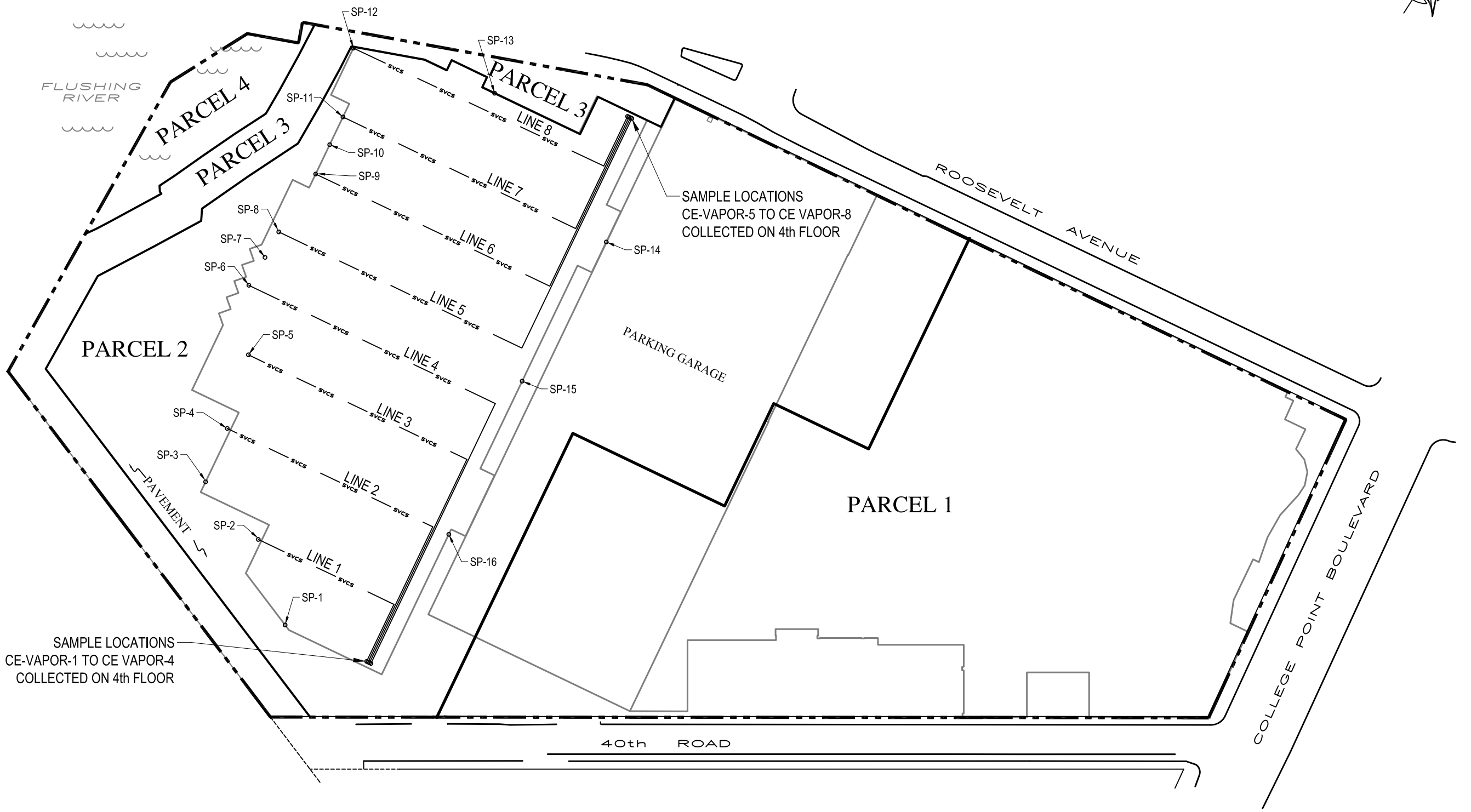

Legend:

- PLANNED BUILDING LINE
- PARCEL BOUNDARY
- PROPERTY BOUNDARY

SCALE IN FEET
0' 50' 100' 200'
SCALE: 1"=100'

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AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FLUSHING INDUSTRIAL PARK, PARCELS 1 - 4
Flushing, New York

VAPOR MONITORING SAMPLE LOCATIONS

DATE
5.18.10

SCALE
1"=100'

PROJECT No.
30141

FIGURE No.
2

APPENDIX A

PERIODIC INSPECTION LOG

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM
Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

Inspector Name: M. Oleske and E. Baird	**Date:** **5/24/10 & 6/1/10**
Time IN: 7:00	**Time OUT:** 15:00

GENERAL

Weather: 5/24: partly cloudy; 6/1: mostly cloudy | Temperature: 5/24: ~ 70 F; 6/1: ~ 80 F | Barometric Pressure: 5/24: 30.26'; 6/1: 29.81"

When was the last rain event? For the 5/24 sampling event: 5/11 (0.02"); For the 6/1 sampling event: 5/27 (0.02").

Are all system fans operating? Yes

If no, please list:

Any evidence of system tampering, vandalism or damage? No

Were all cleanout and sampling port caps securely attached prior to system testing? All sampling ports (cleanouts) were capped.

If no, please list location and corrective action: NA.

FAN OPERATIONS - 1st Floor

1st Floor Locations (Lines 1A - 8A)	**Vacuum Below Fan [1] "H_2O**	**PID ppb**	**Methane [2] %**	**LEL %**	**Notes**
SVCS Line 1	-3.00	ND	ND	ND	-
SVCS Line 2	-1.75	ND	ND	ND	-
SVCS Line 3	-4.0 to -5.5	ND	ND	ND	missing cap for valve
SVCS Line 4	-4.0 to -6.5	ND	ND	ND	-
SVCS Line 5	-5.25	ND	ND	ND	-
SVCS Line 6	-5.50	ND	ND	ND	-
SVCS Line 7	-5.50	ND	ND	ND	-
SVCS Line 8	-5.0	ND	ND	ND	-

Comments: NA

FAN OPERATIONS - 4th Floor

4th Floor Locations (Lines 1B - 8B)	**Vacuum Below Fan [1] "H_2O**	**PID ppb**	**Methane [2] %**	**LEL %**	**Notes**
SVCS Line 1	-1.00	ND	0.1	2	-
SVCS Line 2	-0.82	ND	0.1 to 0.2	2 to 4	Light for fan is out; however, Line 2B fan is operational.
SVCS Line 3	-2.0 to -3.5	ND	ND	ND	-
SVCS Line 4	-2.5 to 4.0	ND	0.2	4	-
SVCS Line 5	-2.50	ND	ND	ND	-
SVCS Line 6	-2.50	ND	ND	ND	-
SVCS Line 7	-2.50	ND	ND	ND	-
SVCS Line 8	-2.50	ND	ND	ND	-

Comments: NA

Notes:
1. Normal system vacuums range between 0.400" and 1.000" H2O.
2. ND = Not detected within instrument range.

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM
Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

VACUUM READINGS at Cleanouts (SPs)

Location	Vacuum "H_2O	PID ppb	Methane %	Location	Vacuum "H_2O	PID ppb	Methane %
SP-1	0.205	ND	ND	SP-9	-0.065 to -0.07	ND	ND
SP-2	-	-	-	SP-10	-0.065	ND	ND
SP-3	-	-	-	SP-11	-0.050	ND	ND
SP-4	-	-	-	SP-12	-0.080	ND	ND
SP-5	-0.26	ND	ND	SP-13	-	-	-
SP-6	-0.215	ND	ND	SP-14	-0.015	ND	ND
SP-7	-	-	-	SP-15	-.065 to 0.12	ND	ND
SP-8	-0.075	ND	ND	SP-16	-	-	-

Comments: SPs 2, 3, 4, 7, 13, and 16 not accessible/nonexistent.

VAPOR SAMPLES (Quarterly)

Location	Start Time	Start Vacuum	End Time	End Vacuum	Flow Cont. ID	Summa ID	Notes
Ambient Air	12:44	-30" hg	13:14	-6" hg	4979	4291	Sample collected on 5/24/10
SVCS Line 1	11:06	-30" hg	11:36	-6" hg	4631	2730	Samples collected on 6/1/10
SVCS Line 2	11:07	-30" hg	11:37	-12" hg	4606	4545	
SVCS Line 3	11:06	-28" hg	11:36	-4" hg	4612	4211	
SVCS Line 4	11:04	-30" hg	11:34	-4" hg	4591	3160	
SVCS Line 5	12:03	-31" hg	12:33	-8" hg	4617	3225	Samples collected on 5/24/10
SVCS Line 6	12:04	-31" hg	12:34	-10" hg	4685	2574	
SVCS Line 7	12:03	-30" hg	12:33	-6" hg	4980	4380	
SVCS Line 8	12:03	-30" hg	12:33	-8" hg	4605	2900	

Comments: Sampling Nomenclature = CE-VAPOR-X.

Note: Samples collected at Line B - 4th Floor.

Emergency Contact Information

Name	Title	Contact Number
Chris Gioia	Skyview Parc Project Executive	
Marcus Simons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)
Marshall King/ Steven Ciambruschini	Langan Project Engineers	201-794-6900 (office) 201-981-8555 (King cell)

APPENDIX B

LABORATORY ANALYTICAL RESULTS (CD)

TestAmerica
South Burlington, VT

Extended Data Package

NY137497

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 11, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave, South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137497

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on May 27th, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 05/27/10 ETR No: 137497		
831356	CE-VAPOR-5	05/24/10	AIR
831357	CE-VAPOR-6	05/24/10	AIR
831358	CE-VAPOR-7	05/24/10	AIR
831359	CE-VAPOR-8	05/24/10	AIR
831360	CE-AA	05/24/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

Chain of Custody **16**

QC Summary TO-15 Volatile **18**

Standards TO-15 Volatile **26**

Supportive Documentation TO-15 Volatile **79**

Raw QC Data TO-15 Volatile **126**

Sample Preparation TO-15 Volatile **145**

Sample Handling **151**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	11		5.0	32		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	5.4		2.0	20		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	2.9		2.0	12		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	23		5.0	68		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50		50	150		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.5		2.0	10		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	8.2		2.0	31		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	3.0		2.0	13		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831358

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	130		5.0	380		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	180		50	530		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831358

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	8.4		5.0	34		20
Toluene	108-88-3	3.7		2.0	14		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	12		2.0	51		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	41		5.0	120		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	77		50	230		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.1		2.0	8.5		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	7.0		2.0	26		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	6.3		2.0	27		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.25		0.20	1.4		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.55		0.50	1.6		1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.79		0.20	3.0		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.42		0.40	1.8		1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.42		0.20	1.8		0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	7.8		0.50	16		1.0
Vinyl Chloride	75-01-4	8.4		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.3		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	9.1		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.2		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.7		0.20	41		0.93
Benzene	71-43-2	9.5		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.8		0.20	40		0.81
n-Heptane	142-82-5	8.0		0.20	33		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.7		0.20	40		0.92
1,4-Dioxane	123-91-1	9.2		5.0	33		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.4		0.20	43		0.91
Methyl Isobutyl Ketone	108-10-1	8.4		0.50	34		2.0
Toluene	108-88-3	9.6		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.7		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	8.3		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.7		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.7		0.20	41		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.5		0.20	65		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

*: Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

Chain of Custody

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE
Company: AKRF Inc.	Phone: 646.388.9525	1 of 1 COCs
Address: 440 PARK AVENUE SOUTH 7TH FL	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: STEVE GRENS	
FAX: 212.726.0942	TA Contact: ERIN ARASATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: 40-22 College Point Blvd. Flushing NY	Standard (Specify) X	
PO # 30141-116	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-5	5/24/10	12:03	12:33	-31	-8	4617	3225	X									X		
CE-VAPOR-6	5/24/10	12:04	12:34	-31	-10	4685	2574	X									X		
CE-VAPOR-7	5/24/10	12:03	12:33	-30	-6	4980	4380	X									X		
CE-VAPOR-8	5/24/10	12:03	12:33	-30	-8	4605	2900	X									X		
CE-AA	5/24/10	12:44	13:14	-30	-6	4979	4291	X								X	X		

Temperature (Fahrenheit)	Interior	Ambient
Start		72.8
Stop		73.1

Pressure (inches of Hg)	Interior	Ambient
Start		30.29
Stop		30.29

Special Instructions/QC Requirements & Comments:
SAMPLE CE-AA IS AMBIENT AIR, NOT SOIL GAS.

Samples Shipped by: Matthew Oleske	Date/Time: 5/25/10 15:00	Samples Received by: 5/27/10 1020
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		10	100	70-130
Chloromethane	10		7.8	78	70-130
Vinyl Chloride	10		8.4	84	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.3	83	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		9.1	91	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.2	92	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.5	95	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.7	87	70-130
Benzene	10		9.5	95	70-130
1,2-Dichloroethane	10		9.8	98	70-130
n-Heptane	10		8.0	80	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.7	87	70-130
1,4-Dioxane	10		9.2	92	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.4	94	70-130
Methyl Isobutyl Ketone	10		8.4	84	70-130
Toluene	10		9.6	96	70-130
trans-1,3-Dichloroprope	10		9.7	97	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		8.3	83	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.7	97	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.7	97	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.7	97	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.5	95	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDNB01AN Lab Sample ID: MBLK060310FA

Date Analyzed: 06/03/10 Time Analyzed: 1212

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060310LCS	FA060310LCS	FDN10ANQ	1120
02	CE-AA	831360	831360	1635
03	CE-VAPOR-5	831356	831356	1726
04	CE-VAPOR-6	831357	831357	1817
05	CE-VAPOR-7	831358	831358	1909
06	CE-VAPOR-8	831359	831359	2000
07				
08				
09				
10				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
08					
09					
10					
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15					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN41PV BFB Injection Date: 06/03/10

Instrument ID: F BFB Injection Time: 0935

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.9
75	30.0 - 66.0% of mass 95	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	96.8
175	4.0 - 9.0% of mass 174	6.7 (6.9)1
176	93.0 - 101.0% of mass 174	94.3 (97.4)1
177	5.0 - 9.0% of mass 176	6.1 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN10ANV	06/03/10	1030
02	FA060310LCS	FA060310LCS	FDN10ANQ	06/03/10	1120
03	MBLK060310FA	MBLK060310FA	FDNB01AN	06/03/10	1212
04	CE-AA	831360	831360	06/03/10	1635
05	CE-VAPOR-5	831356	831356	06/03/10	1726
06	CE-VAPOR-6	831357	831357	06/03/10	1817
07	CE-VAPOR-7	831358	831358	06/03/10	1909
08	CE-VAPOR-8	831359	831359	06/03/10	2000
09					
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11					
12					
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17					
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21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID (Standard): FDN10ANV Date Analyzed: 06/03/10

Instrument ID: F Time Analyzed: 1030

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	442712	9.60	2131855	10.99	2042356	15.09
	UPPER LIMIT	619797	9.93	2984597	11.32	2859298	15.42
	LOWER LIMIT	265627	9.27	1279113	10.66	1225414	14.76
	CLIENT SAMPLE NO.						
01	FA060310LCS	448002	9.60	2163711	10.99	2083633	15.09
02	MBLK060310FA	474317	9.59	2328940	10.98	2152030	15.09
03	CE-AA	463738	9.59	2251829	10.99	2086918	15.09
04	CE-VAPOR-5	418819	9.59	2061815	10.99	1916417	15.09
05	CE-VAPOR-6	480770	9.59	2336994	10.99	2169992	15.09
06	CE-VAPOR-7	490456	9.60	2377003	10.99	2219810	15.09
07	CE-VAPOR-8	481274	9.59	2323060	10.99	2167274	15.09
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

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

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

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

Standards – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.25	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.55	
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

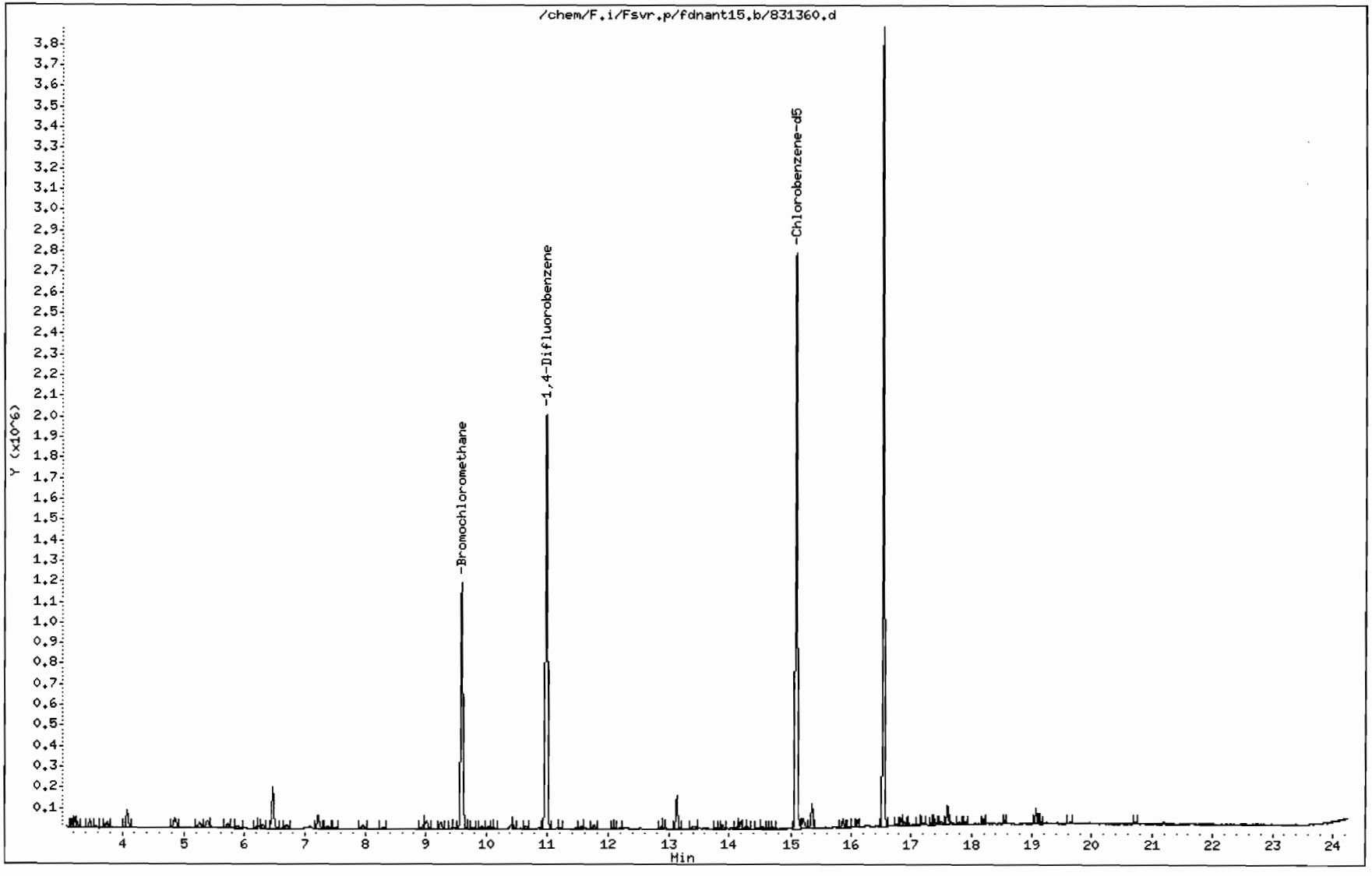
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.79	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.42	
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.42	
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d
Date : 03-JUN-2010 16:35
Client ID: CE-AA
Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)
Purge Volume: 200.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831360.d
Lab Smp Id: 831360 Client Smp ID: CE-AA
Inj Date : 03-JUN-2010 16:35
Operator : WRD Inst ID: F.i
Smp Info : CE-AA :[ ]05/24/10 @1314(AIR)
Misc Info : 831360;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.259	5.275	(0.548)	31954	0.24551	0.25
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.244	9.260	(0.964)	14130	0.55445	0.55	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	463738	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2251829	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	13.134	13.160	(0.870)	89167	0.78791	0.79	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2086918	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	41914	0.41538	0.42	
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106				41914	0.42115	0.42	
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

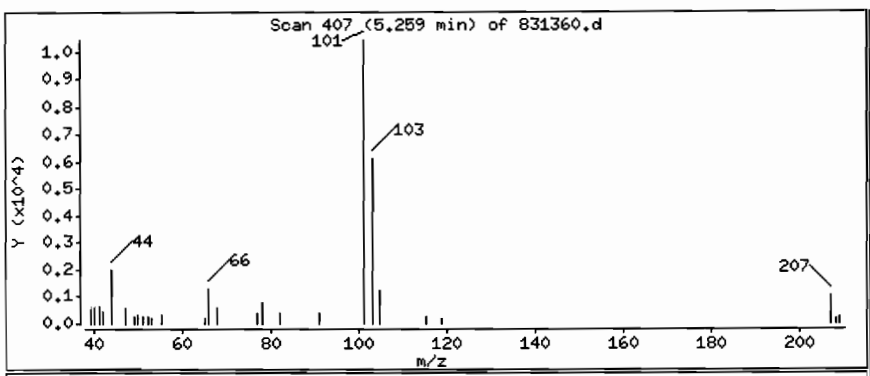
Operator: WRD

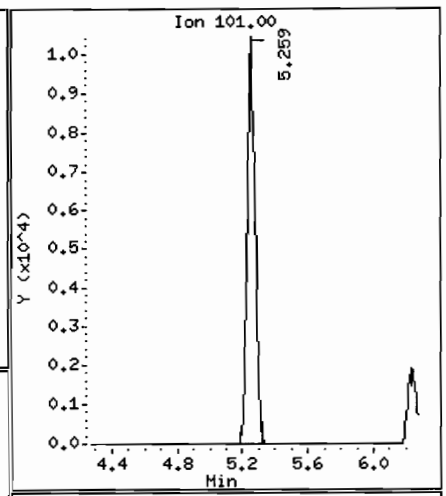
Column phase: RTX-624

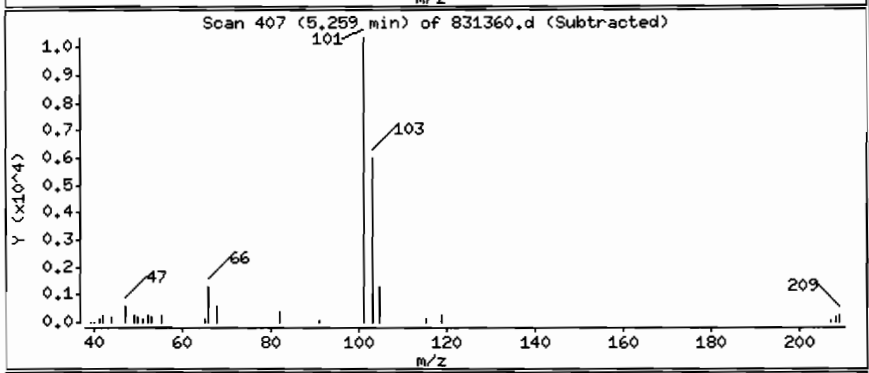
Column diameter: 0.32

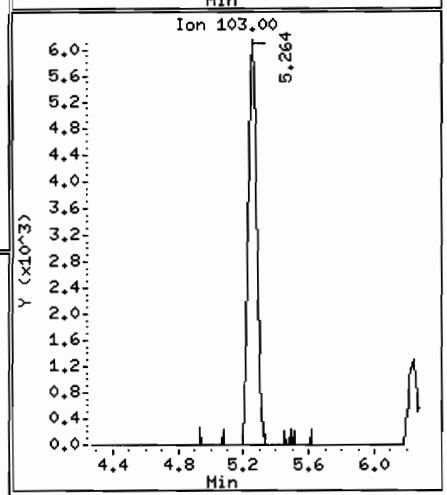
13 Trichlorofluoromethane

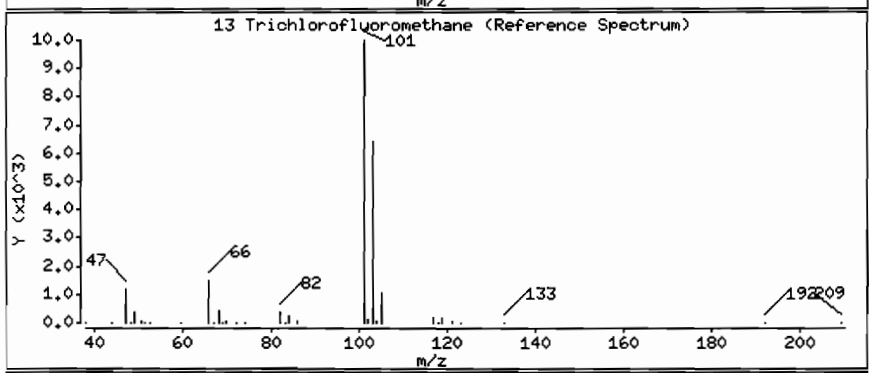
Concentration: 0.25 ppbv

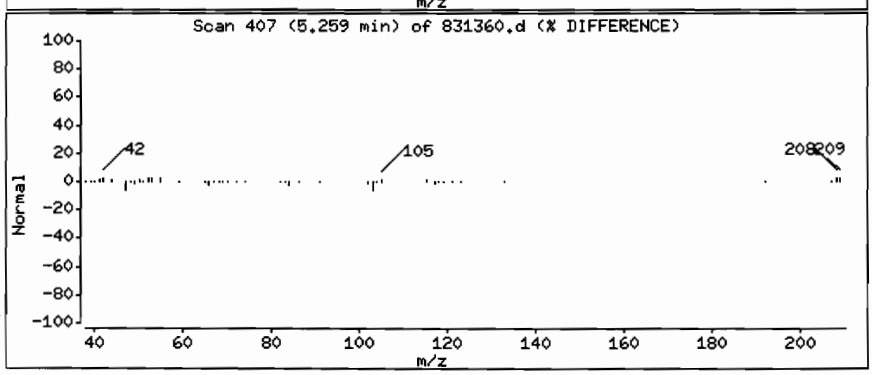












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

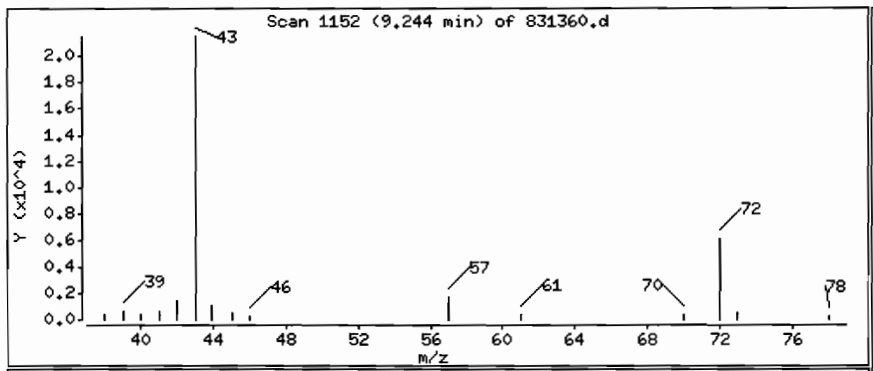
Operator: WRD

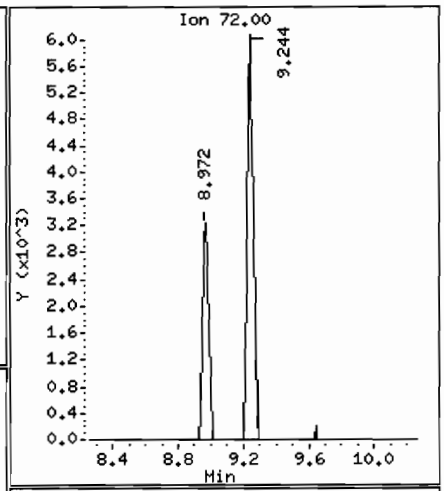
Column phase: RTX-624

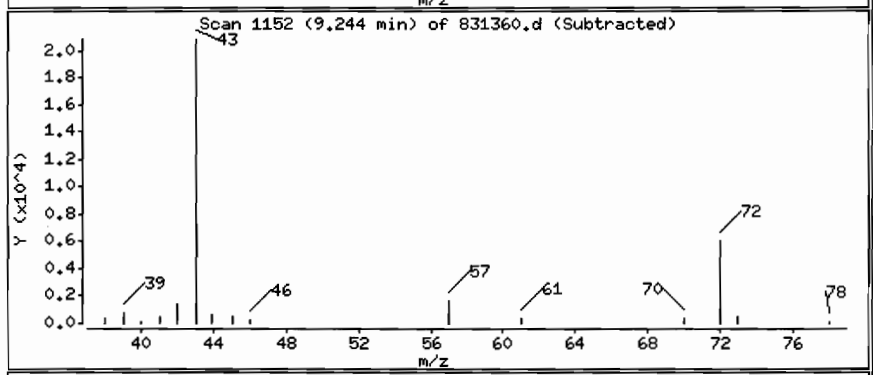
Column diameter: 0.32

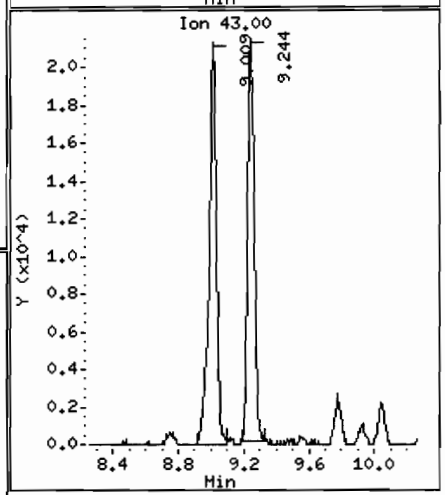
36 Methyl Ethyl Ketone

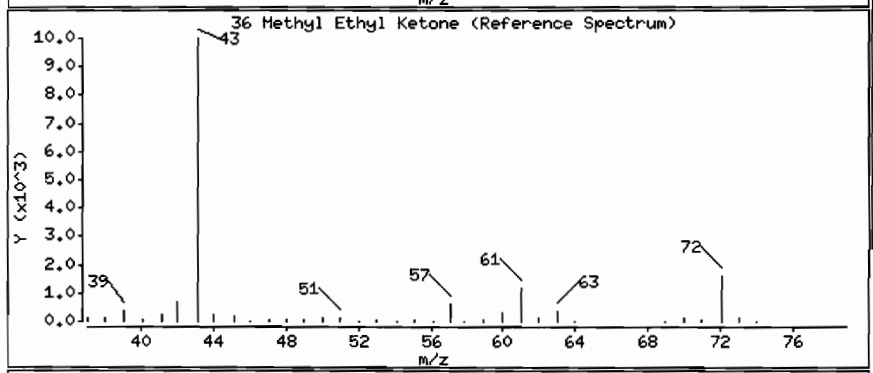
Concentration: 0.55 ppbv

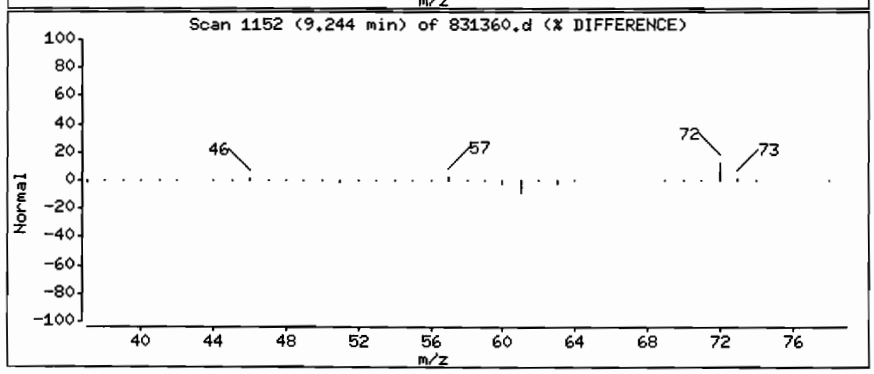












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

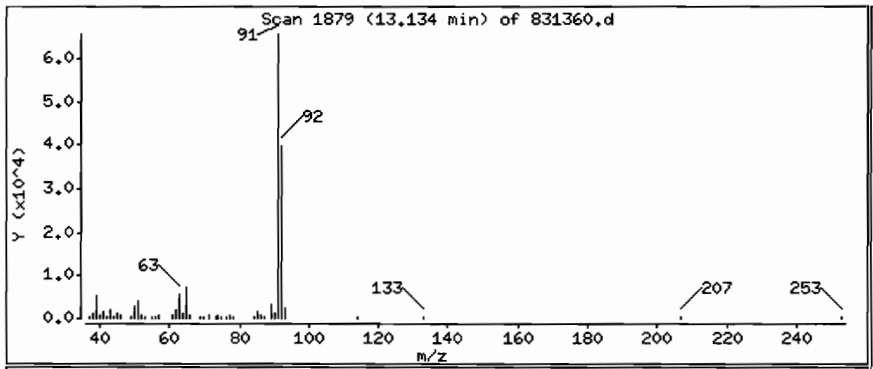
Operator: WRD

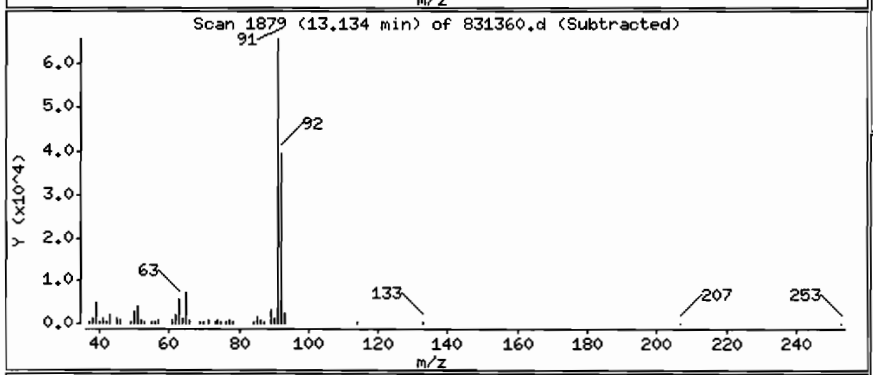
Column phase: RTX-624

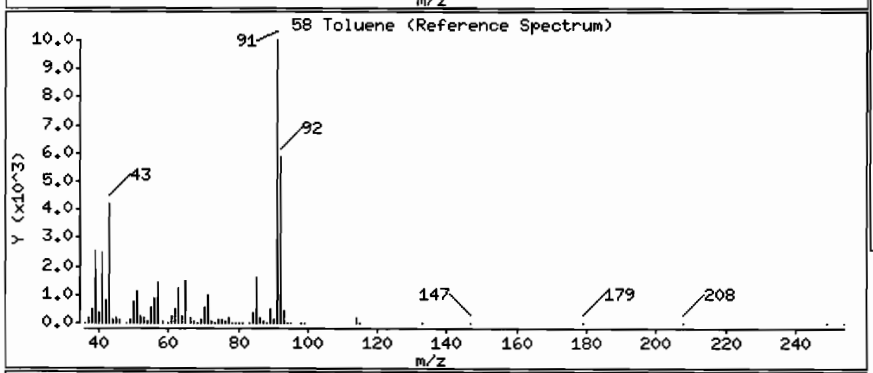
Column diameter: 0.32

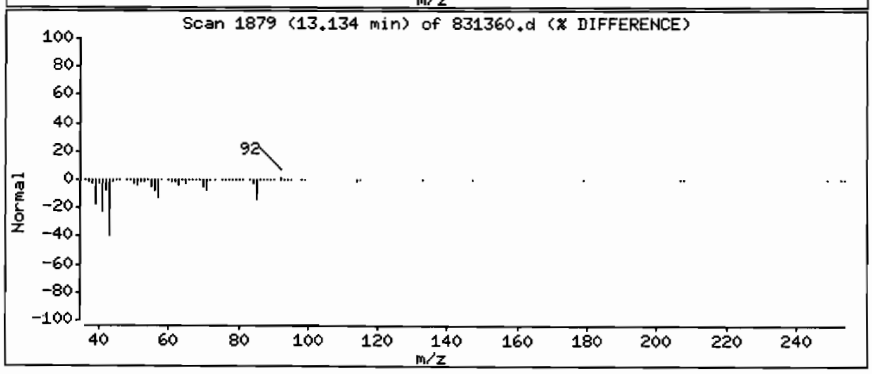
58 Toluene

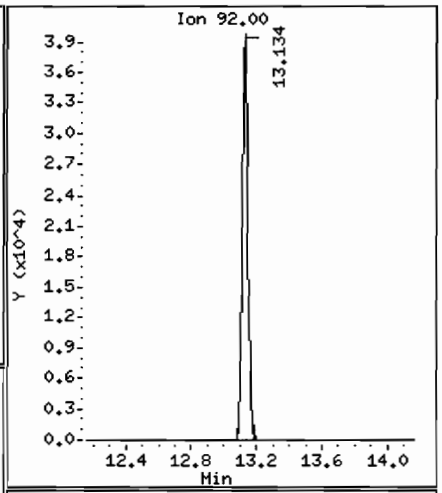
Concentration: 0.79 ppbv

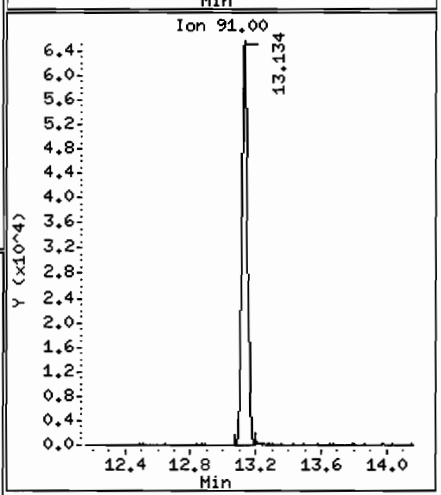












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831360.d

Date : 03-JUN-2010 16:35

Client ID: CE-AA

Instrument: F.i

Sample Info: CE-AA :[ ]05/24/10 @1314(AIR)

Purge Volume: 200.0

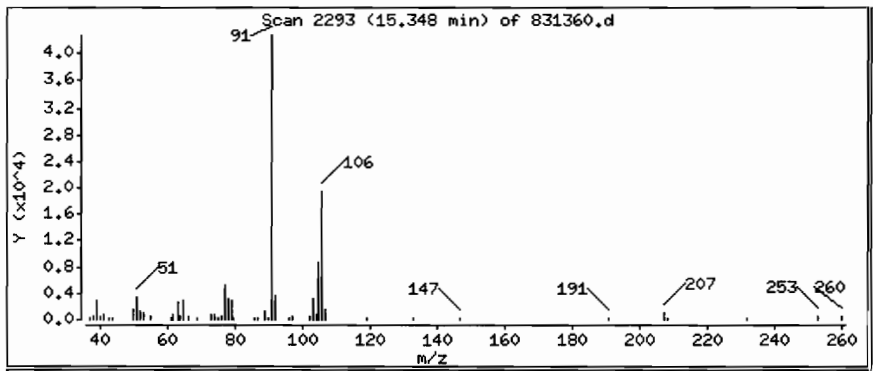
Operator: WRD

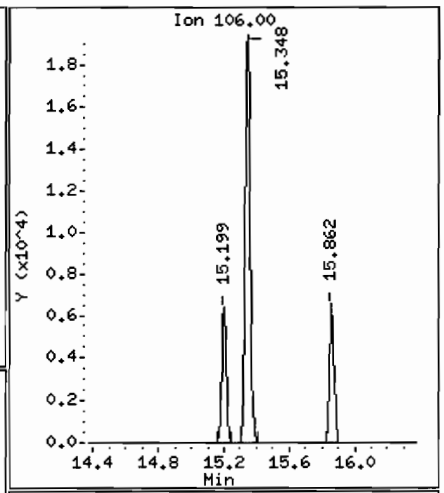
Column phase: RTX-624

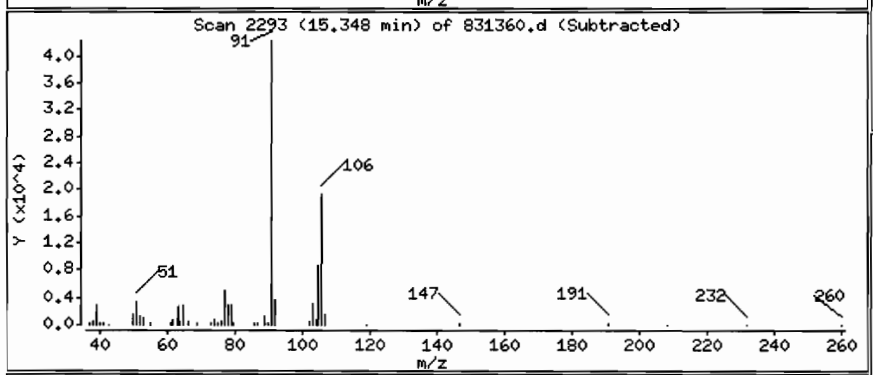
Column diameter: 0.32

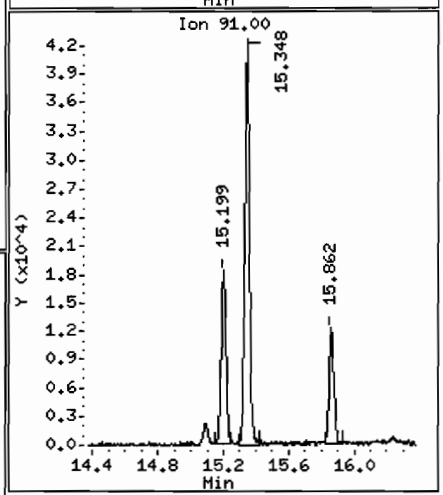
69 Xylene (m,p)

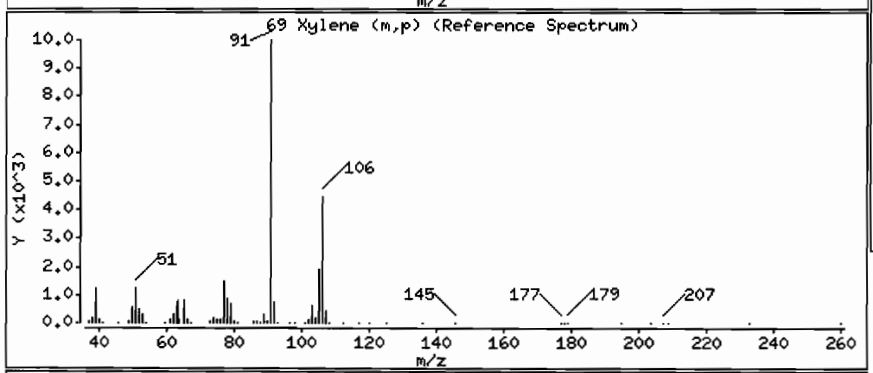
Concentration: 0.42 ppbv

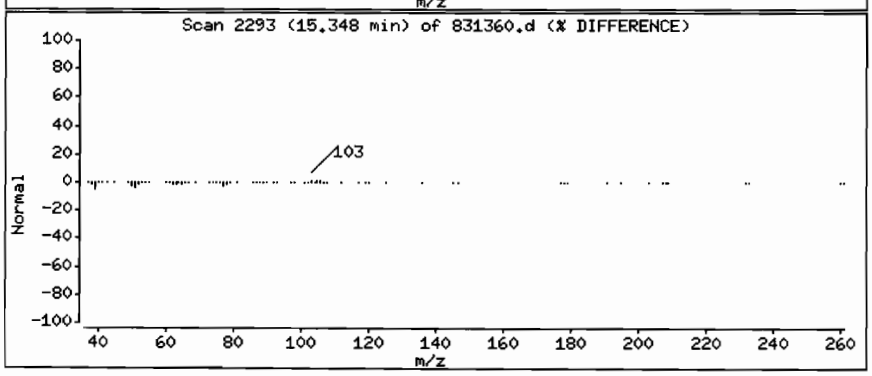












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

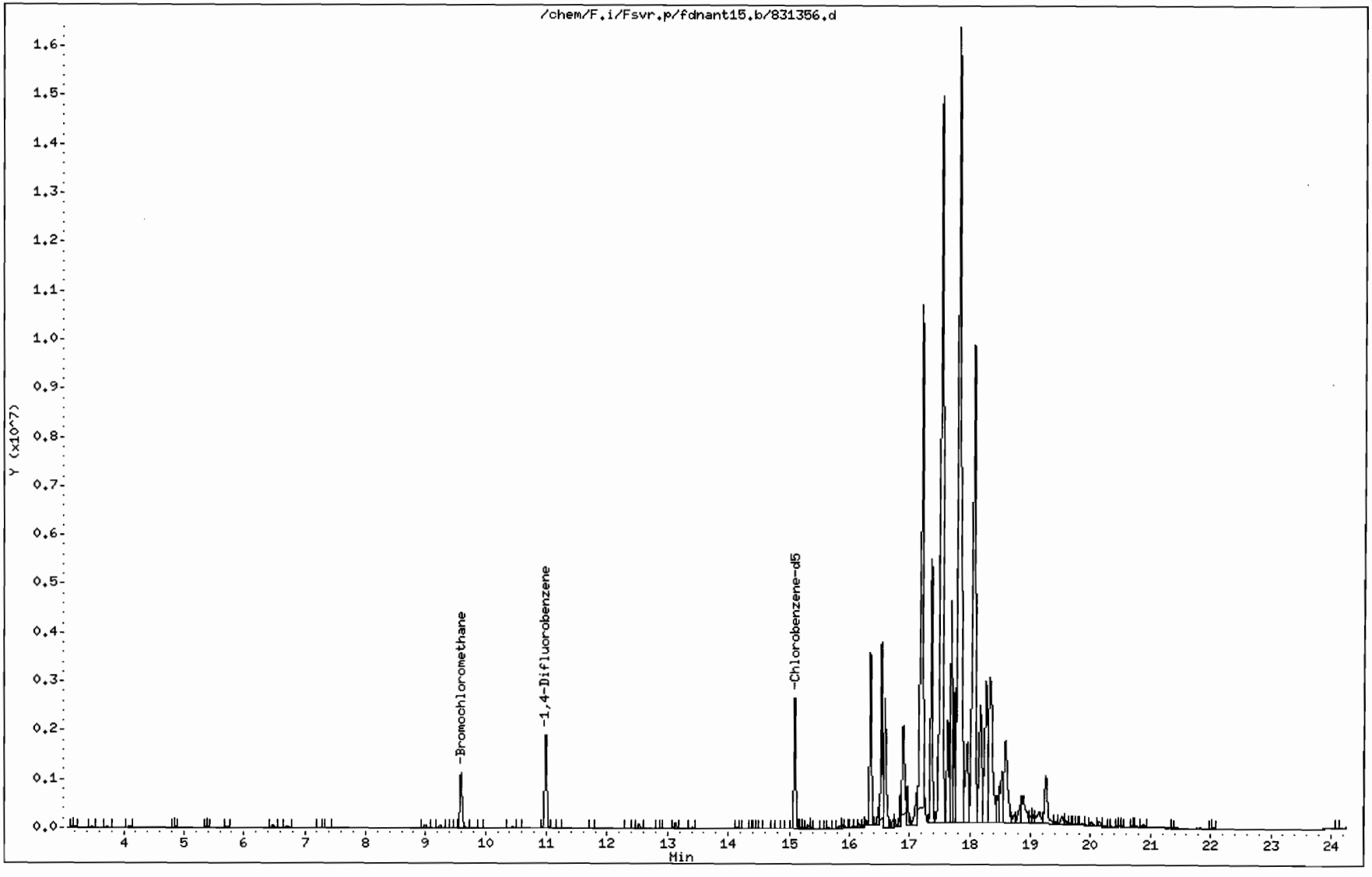
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	5.4	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	2.9	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d
Date : 03-JUN-2010 17:26
Client ID: CE-VAPOR-5
Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831356.d
Lab Smp Id: 831356 Client Smp ID: CE-VAPOR-5
Inj Date : 03-JUN-2010 17:26
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)
Misc Info : 831356;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.244	9.260	(0.964)	25891	1.12490	11	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	418819	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2061815	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	13.128	13.160	(0.870)	56298	0.54173	5.4	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	1916417	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	15.889	15.910	(1.053)	42152	0.29442	2.9	
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d

Date : 03-JUN-2010 17:26

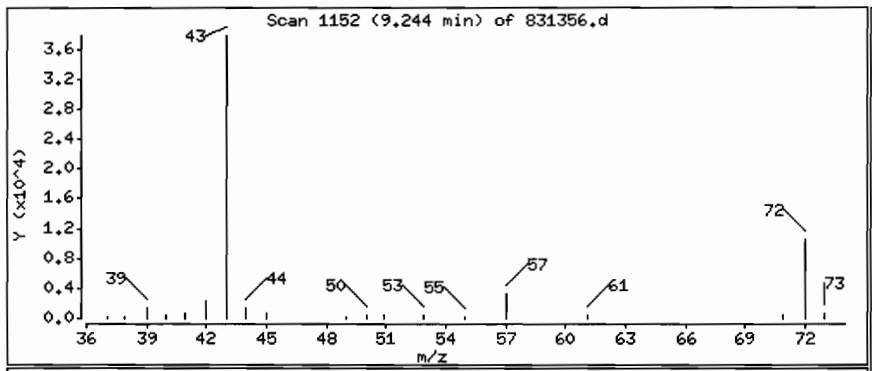
Client ID: CE-VAPOR-5 Instrument: F.i

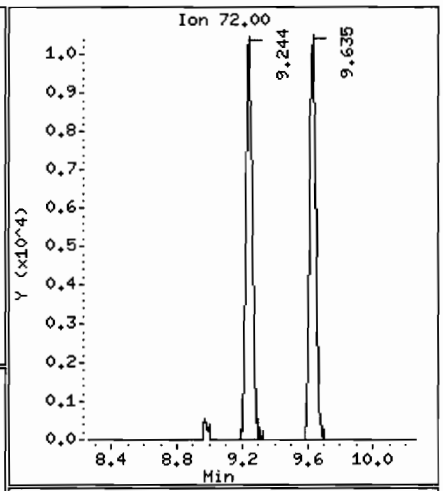
Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)

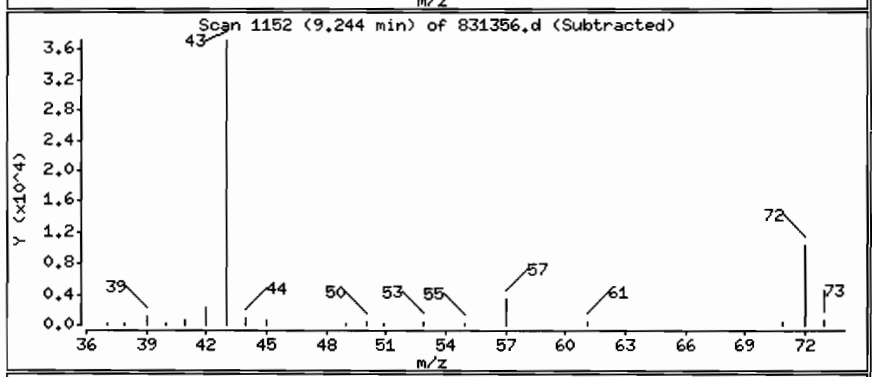
Purge Volume: 20.0 Operator: WRD

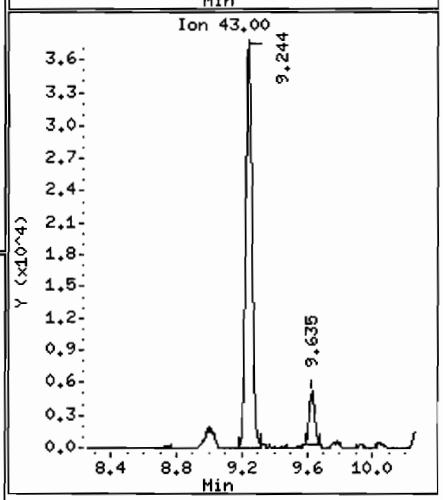
Column phase: RTX-624 Column diameter: 0.32

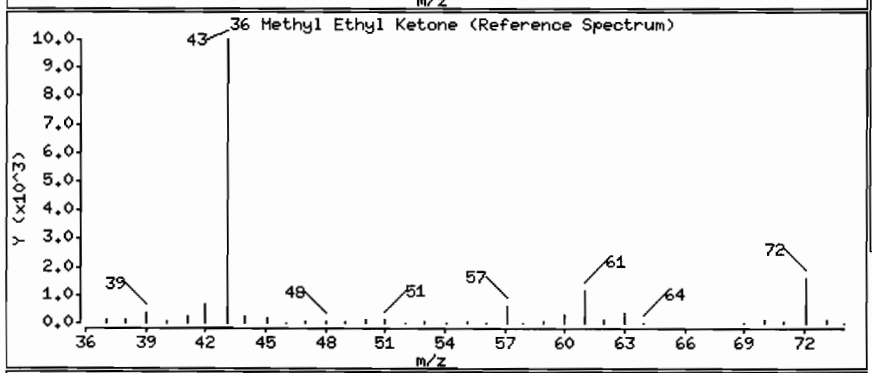
36 Methyl Ethyl Ketone Concentration: 11 ppbv

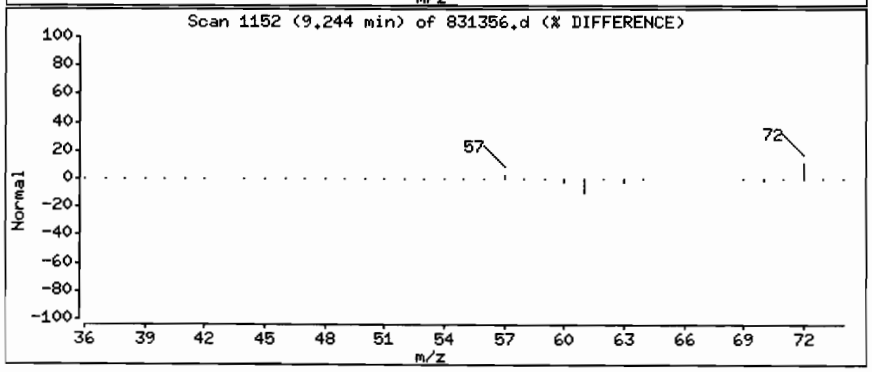












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d

Page 6

Date : 03-JUN-2010 17:26

Client ID: CE-VAPOR-5

Instrument: F.i

Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)

Purge Volume: 20.0

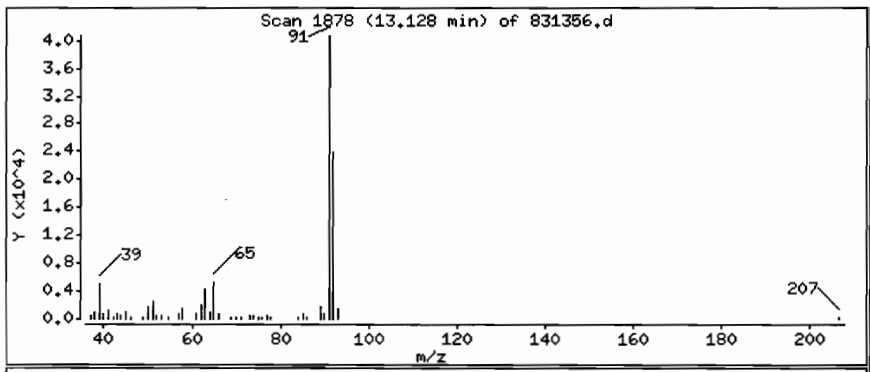
Operator: WRD

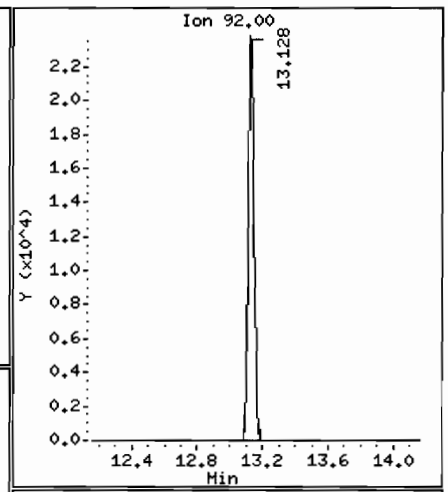
Column phase: RTX-624

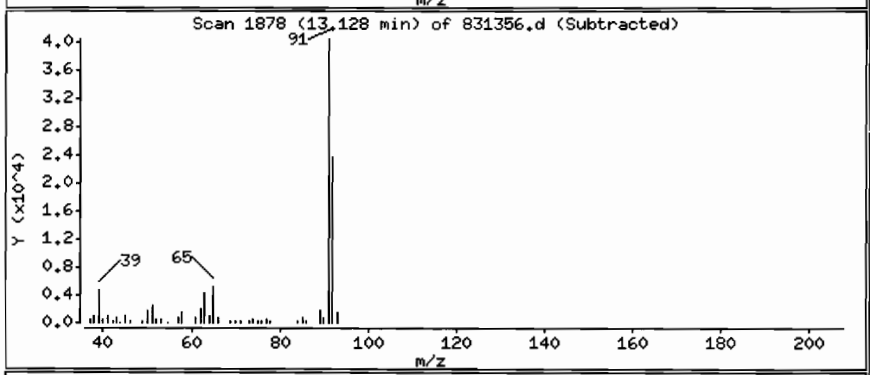
Column diameter: 0.32

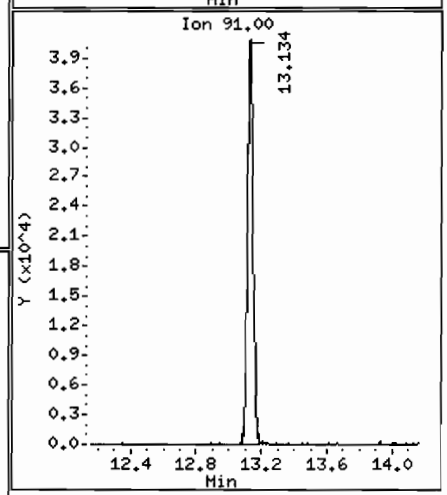
58 Toluene

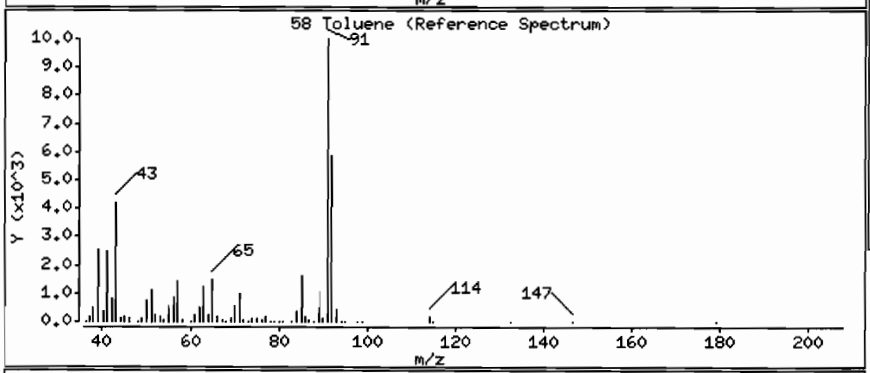
Concentration: 5.4 ppbv

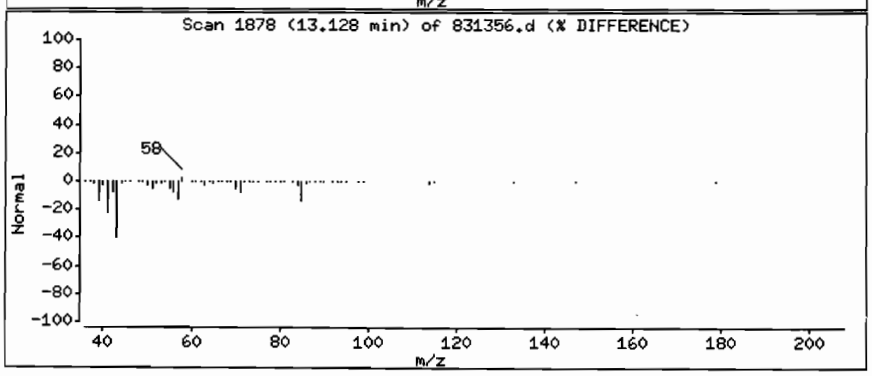












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831356.d

Date : 03-JUN-2010 17:26

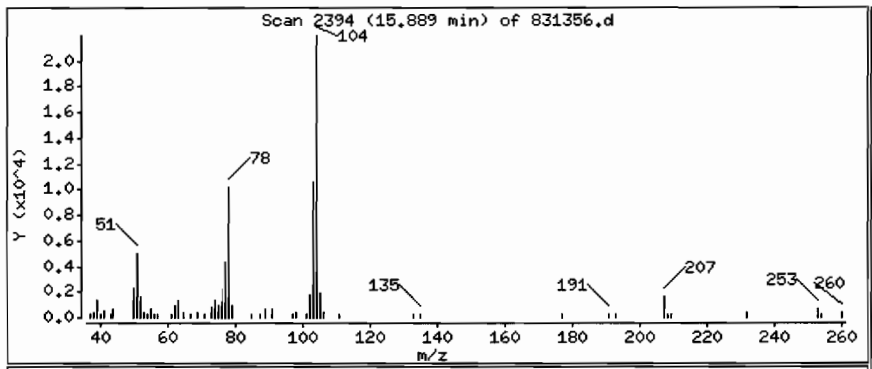
Client ID: CE-VAPOR-5 Instrument: F.i

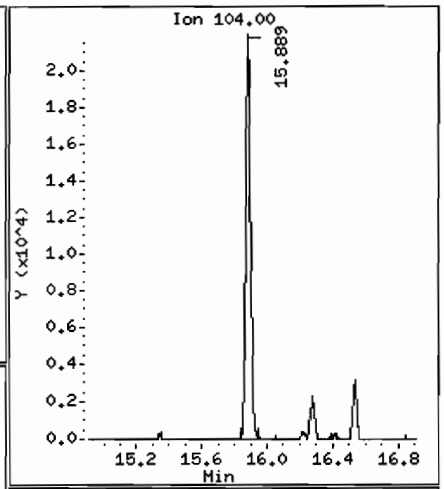
Sample Info: CE-VAPOR-5 :[ ]05/24/10 @1233(AIR)

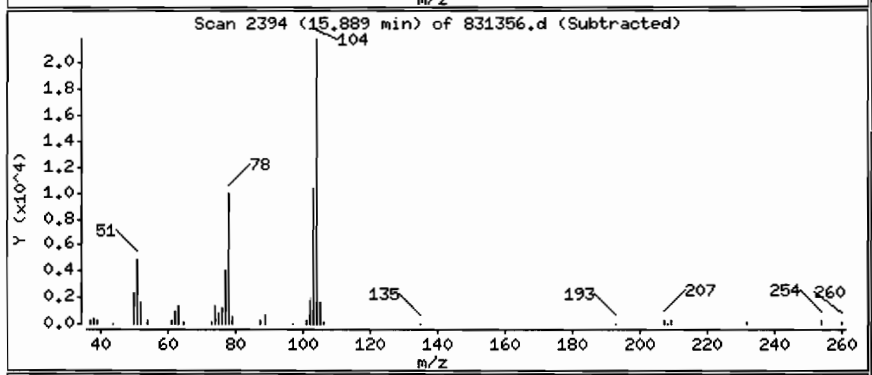
Purge Volume: 20.0 Operator: WRD

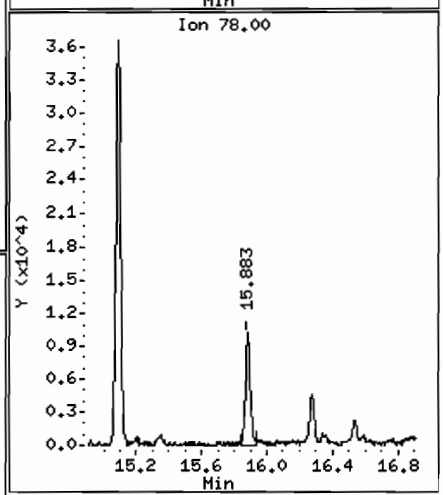
Column phase: RTX-624 Column diameter: 0.32

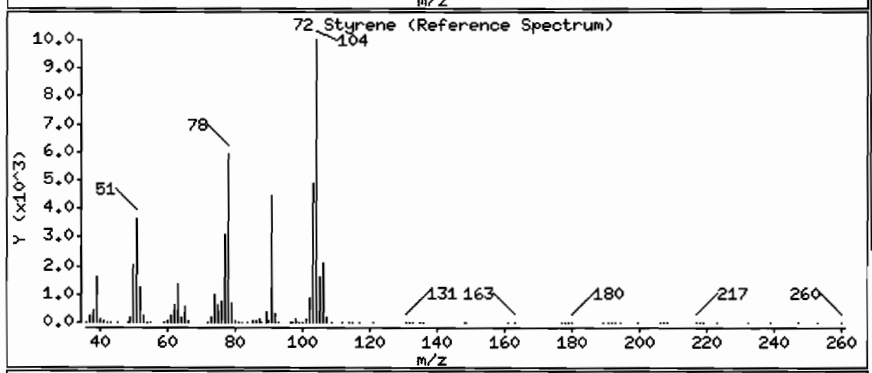
72 Styrene Concentration: 2.9 ppbv

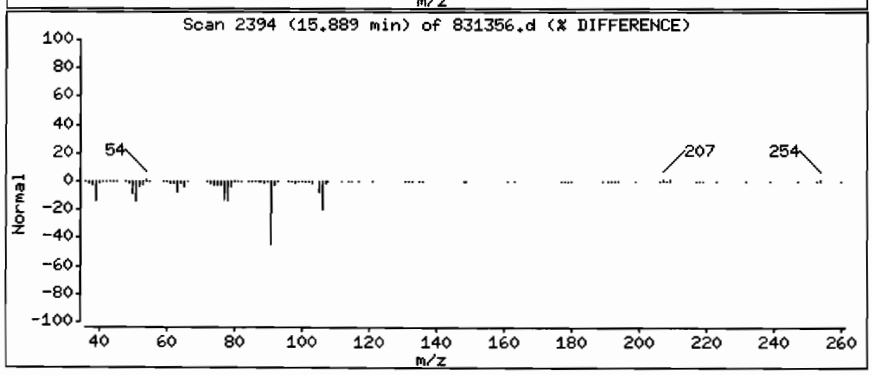












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	23	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.5	
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	8.2	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	3.0	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Page 4

Date : 03-JUN-2010 18:17

Client ID: CE-VAPOR-6

Instrument: F.i

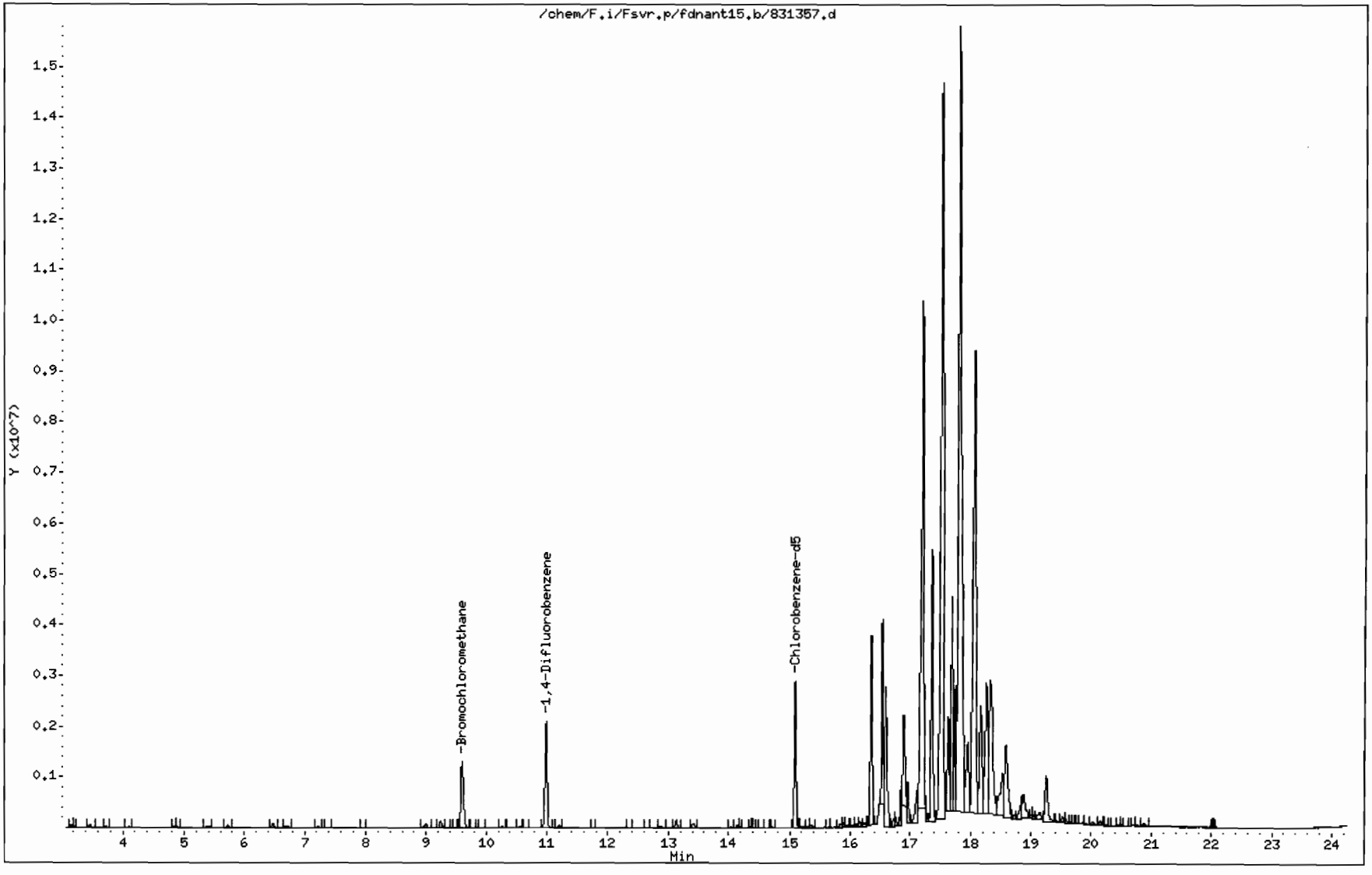
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

Purge Volume: 20.0

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831357.d
Lab Smp Id: 831357 Client Smp ID: CE-VAPOR-6
Inj Date : 03-JUN-2010 18:17
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)
Misc Info : 831357;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.963)	60788	2.30076	23	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	480770	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	9.619	9.640	(0.875)	289541	5.03136	50	
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	10.550	10.571	(0.960)	19011	0.24918	2.5	
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2336994	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	13.134	13.160	(0.870)	96008	0.81588	8.2	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2169992	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	15.889	15.910	(1.053)	48583	0.29968	3.0	
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

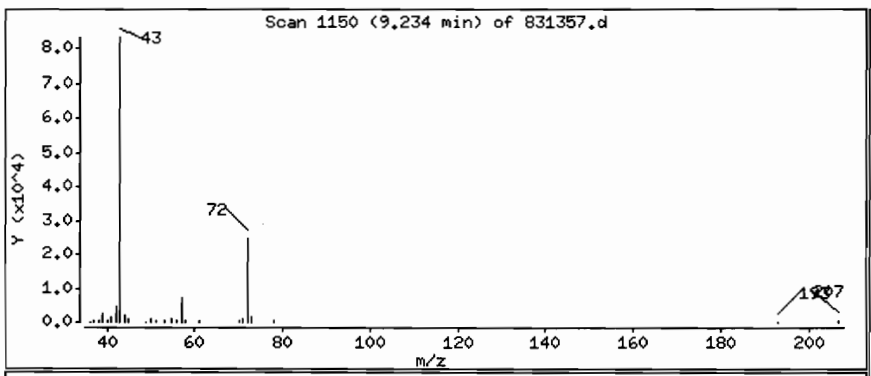
Client ID: CE-VAPOR-6 Instrument: F.i

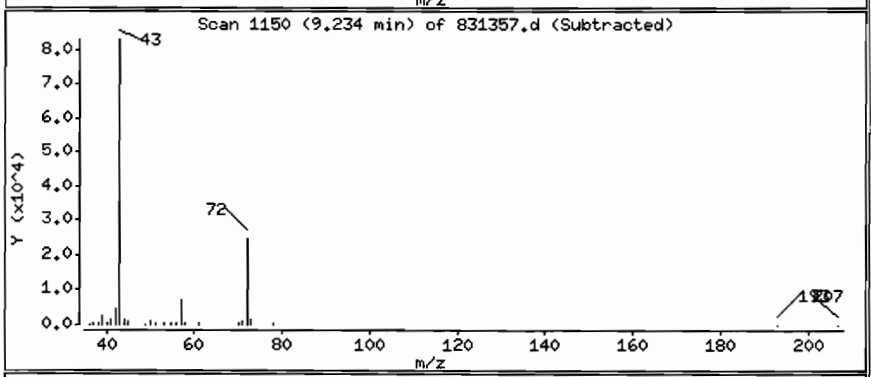
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

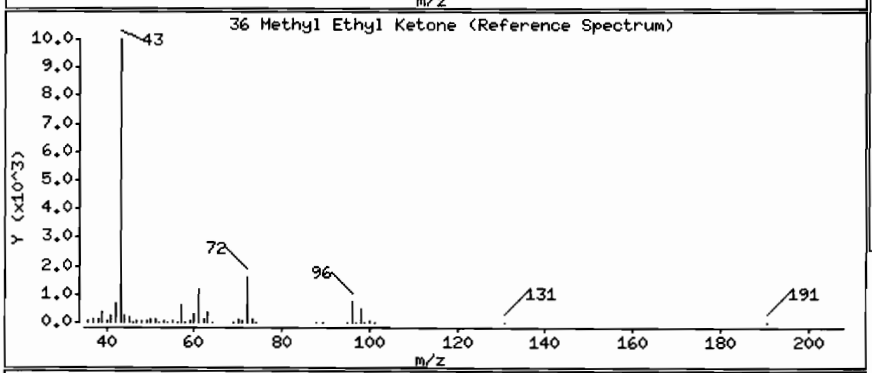
Purge Volume: 20.0 Operator: WRD

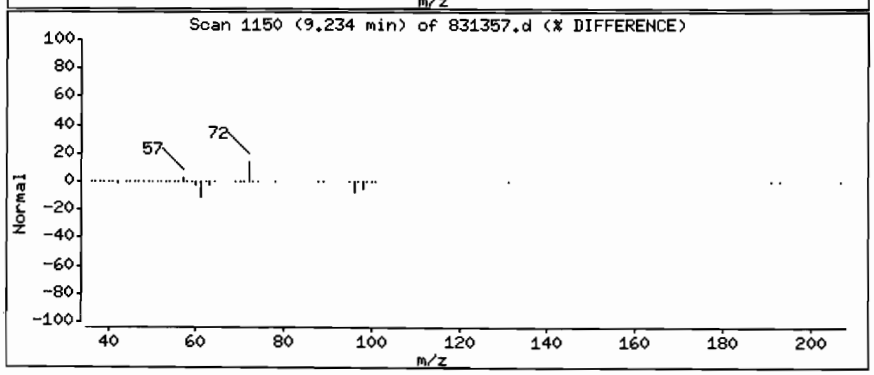
Column phase: RTX-624 Column diameter: 0.32

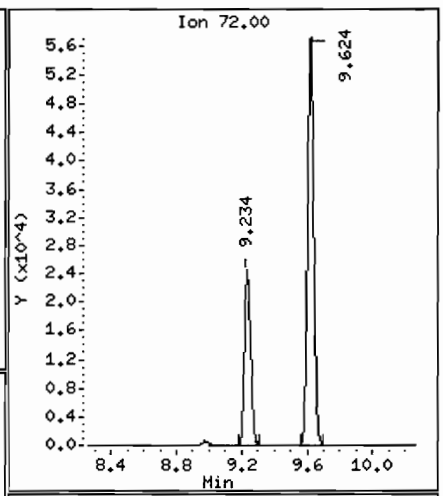
36 Methyl Ethyl Ketone Concentration: 23 ppbv

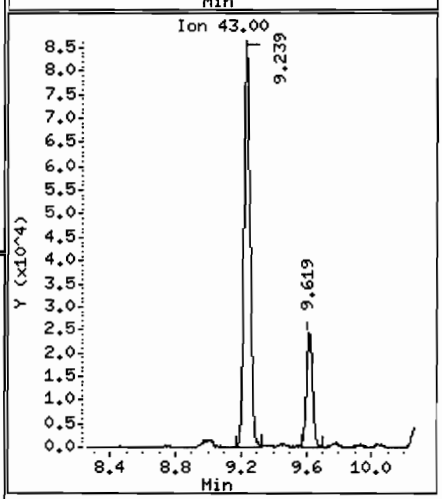












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

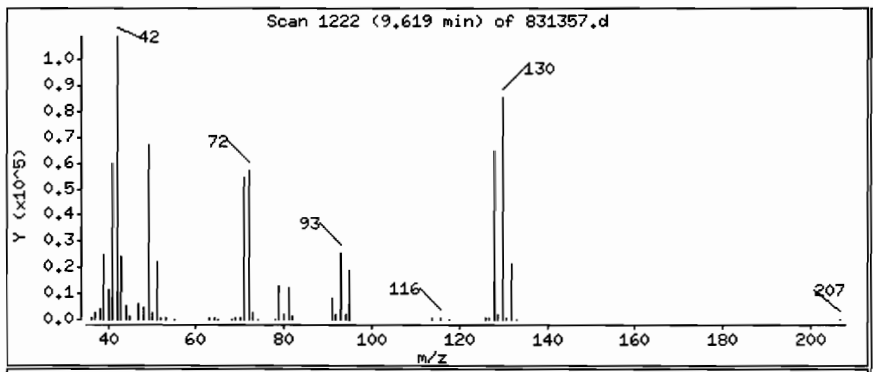
Client ID: CE-VAPOR-6 Instrument: F.i

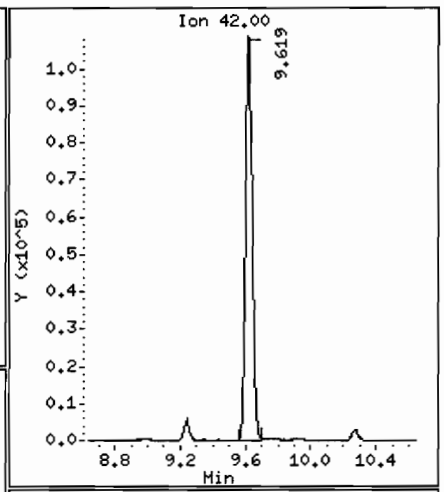
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

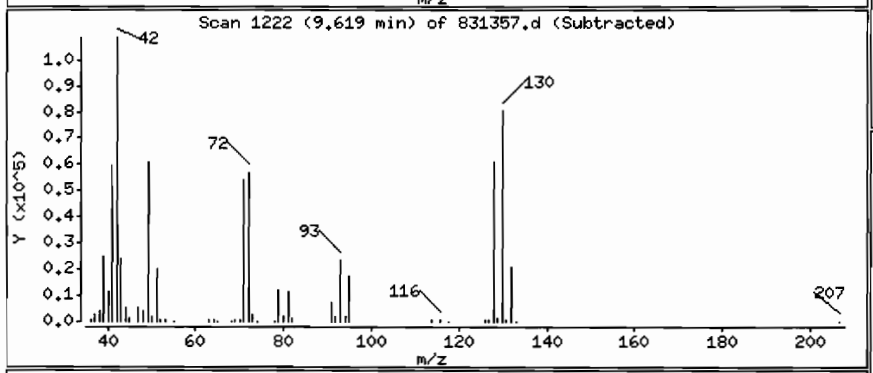
Purge Volume: 20.0 Operator: WRD

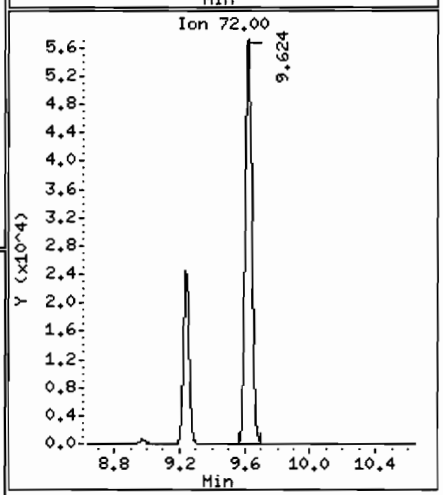
Column phase: RTX-624 Column diameter: 0.32

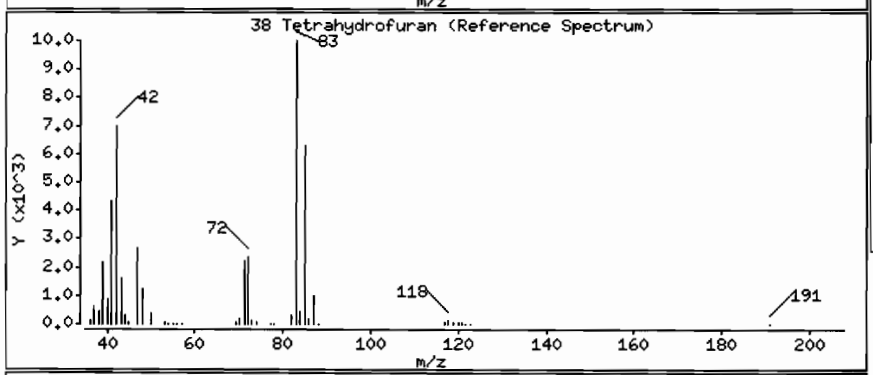
38 Tetrahydrofuran Concentration: 50 ppbv

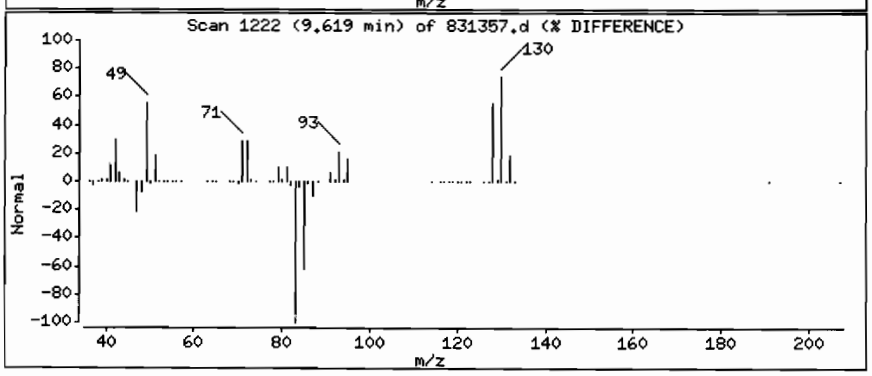












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

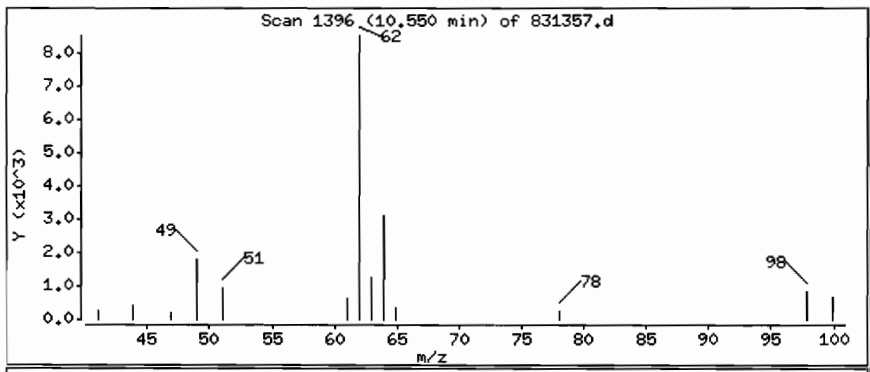
Client ID: CE-VAPOR-6 Instrument: F.i

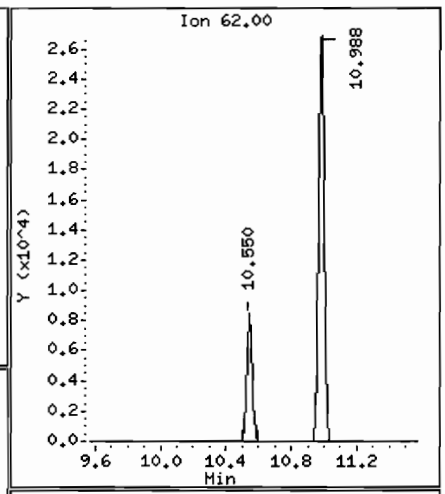
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

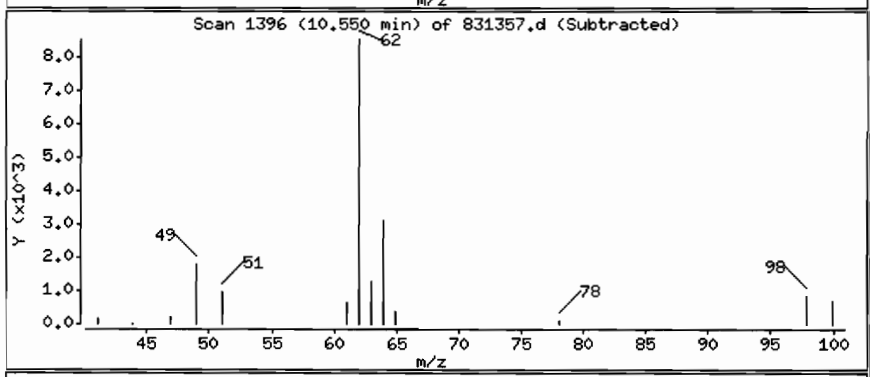
Purge Volume: 20.0 Operator: WRD

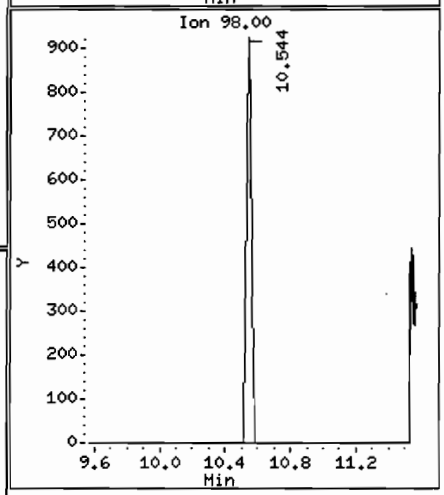
Column phase: RTX-624 Column diameter: 0.32

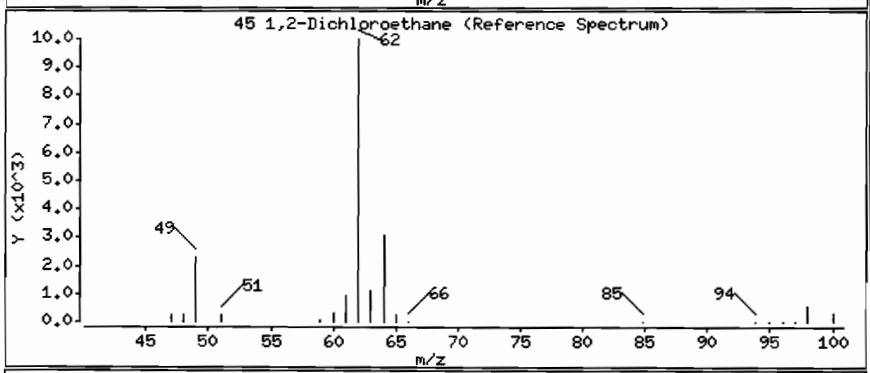
45 1,2-Dichloroethane Concentration: 2.5 ppbv

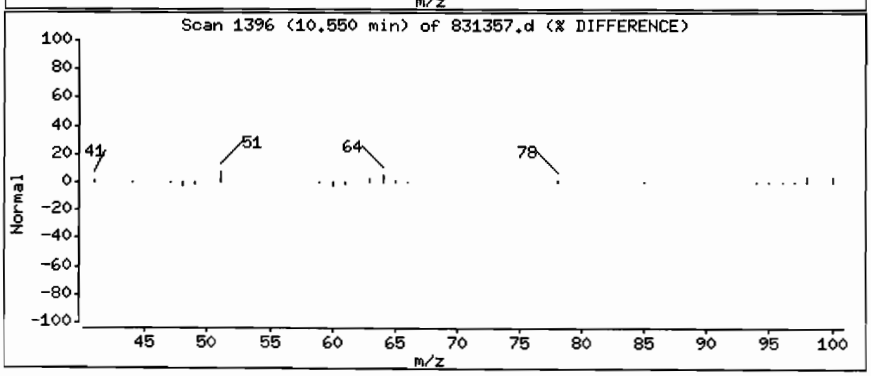












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

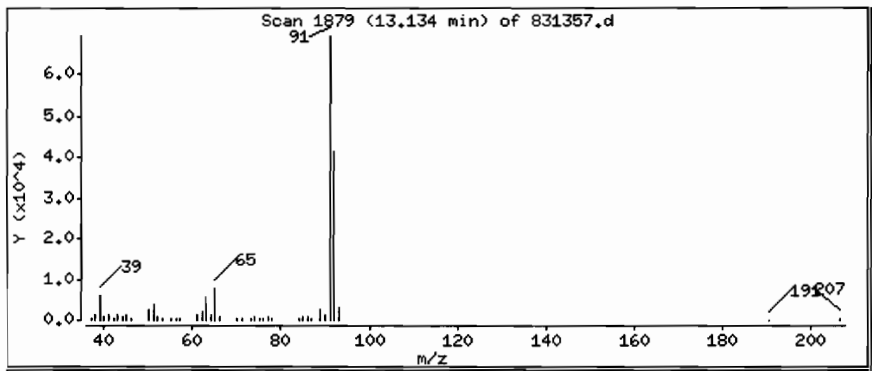
Client ID: CE-VAPOR-6 Instrument: F.i

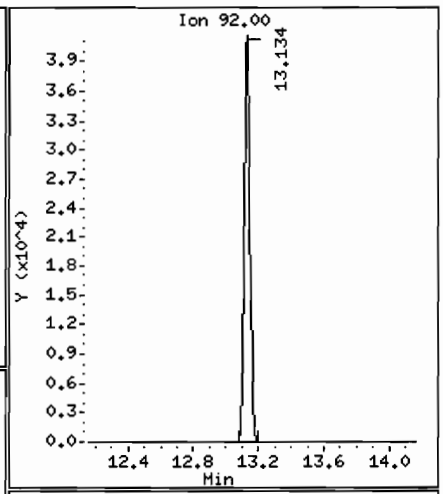
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

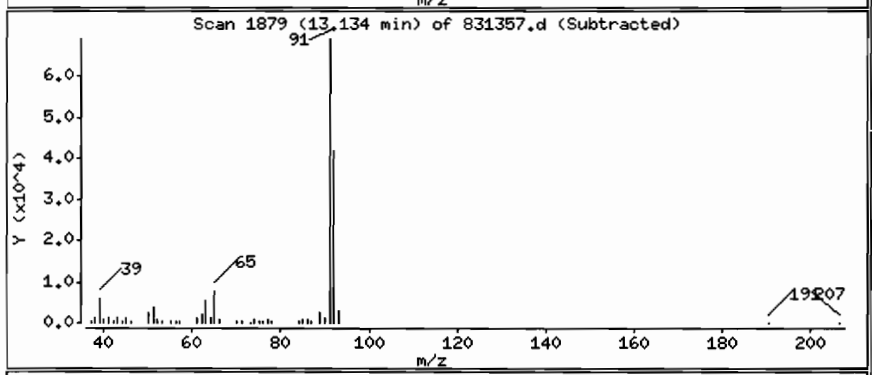
Purge Volume: 20.0 Operator: WRD

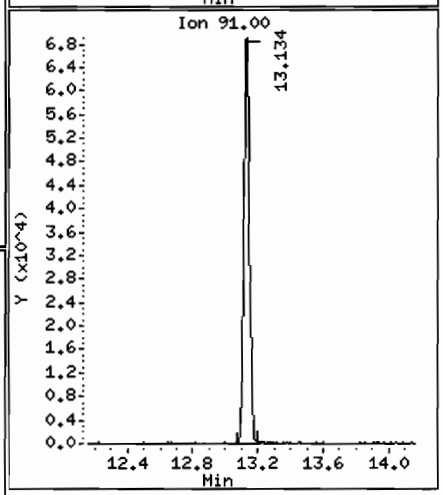
Column phase: RTX-624 Column diameter: 0.32

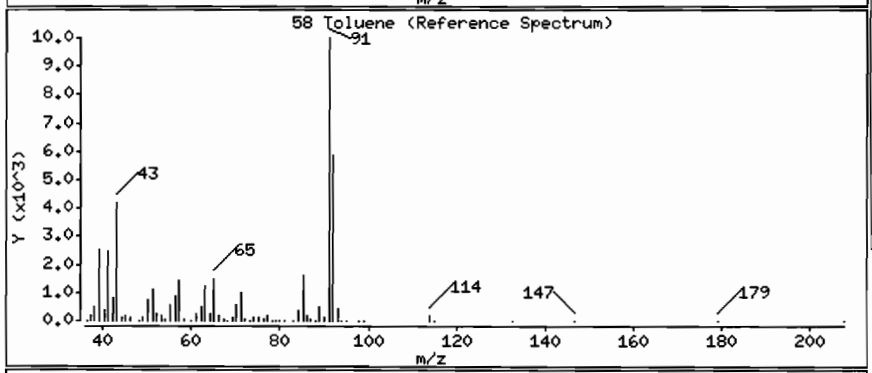
58 Toluene Concentration: 8.2 ppbv

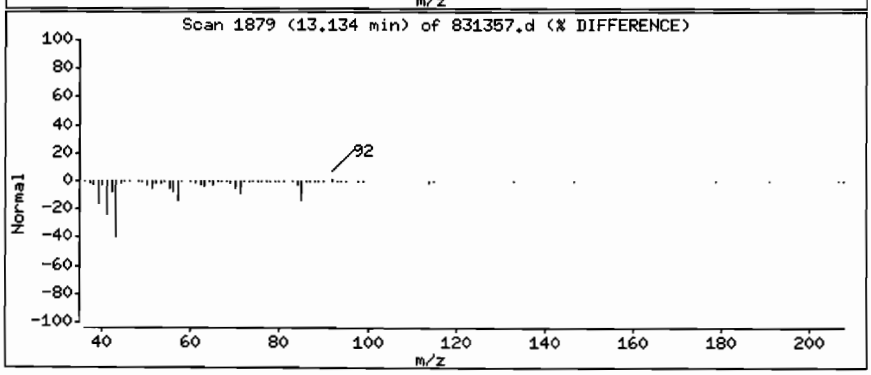












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831357.d

Date : 03-JUN-2010 18:17

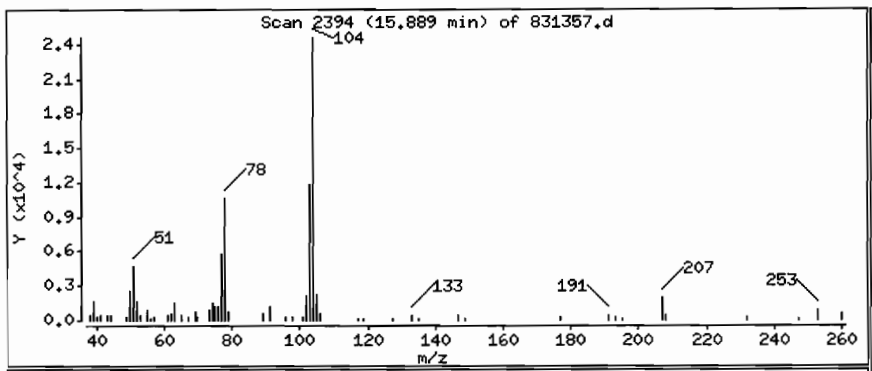
Client ID: CE-VAPOR-6 Instrument: F.i

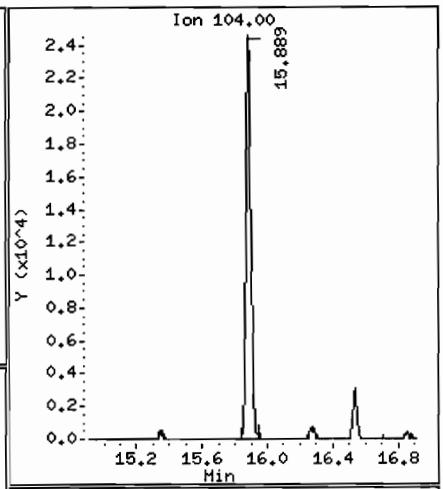
Sample Info: CE-VAPOR-6 :[ ]05/24/10 @1234(AIR)

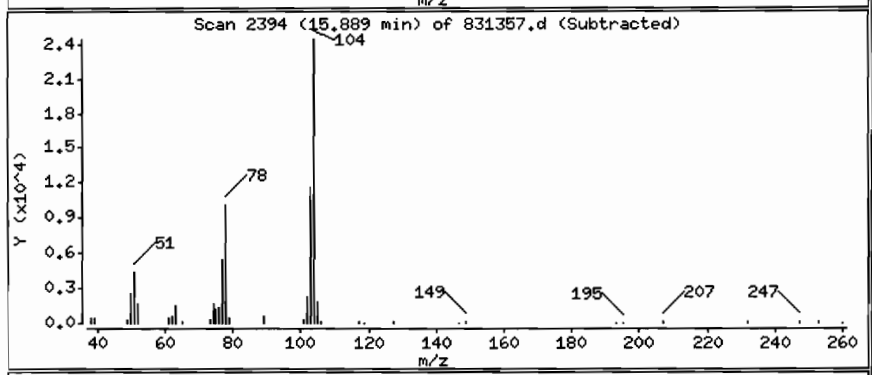
Purge Volume: 20.0 Operator: WRD

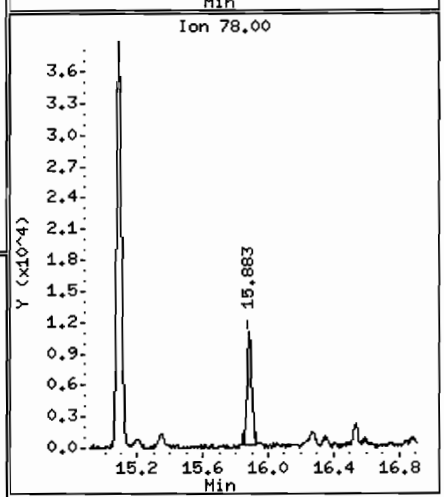
Column phase: RTX-624 Column diameter: 0.32

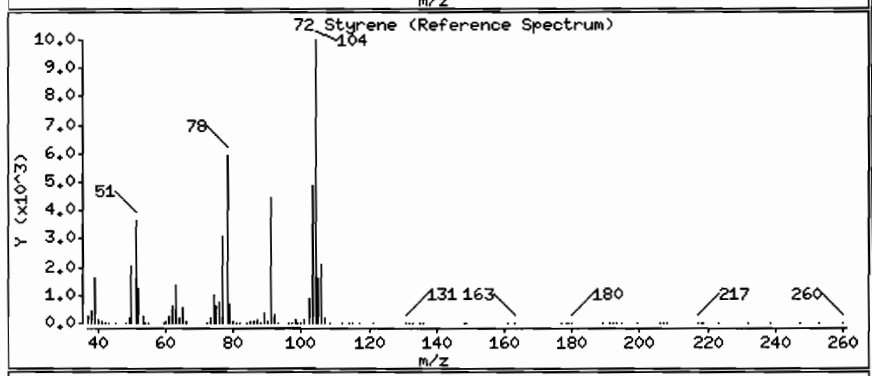
72 Styrene Concentration: 3.0 ppbv

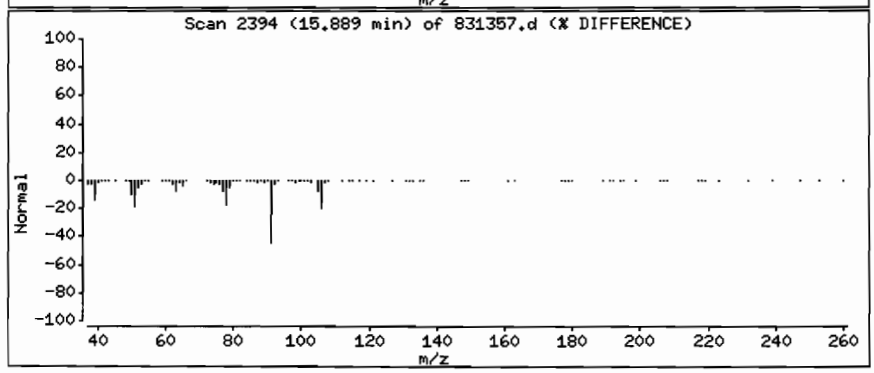












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	130	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	180	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

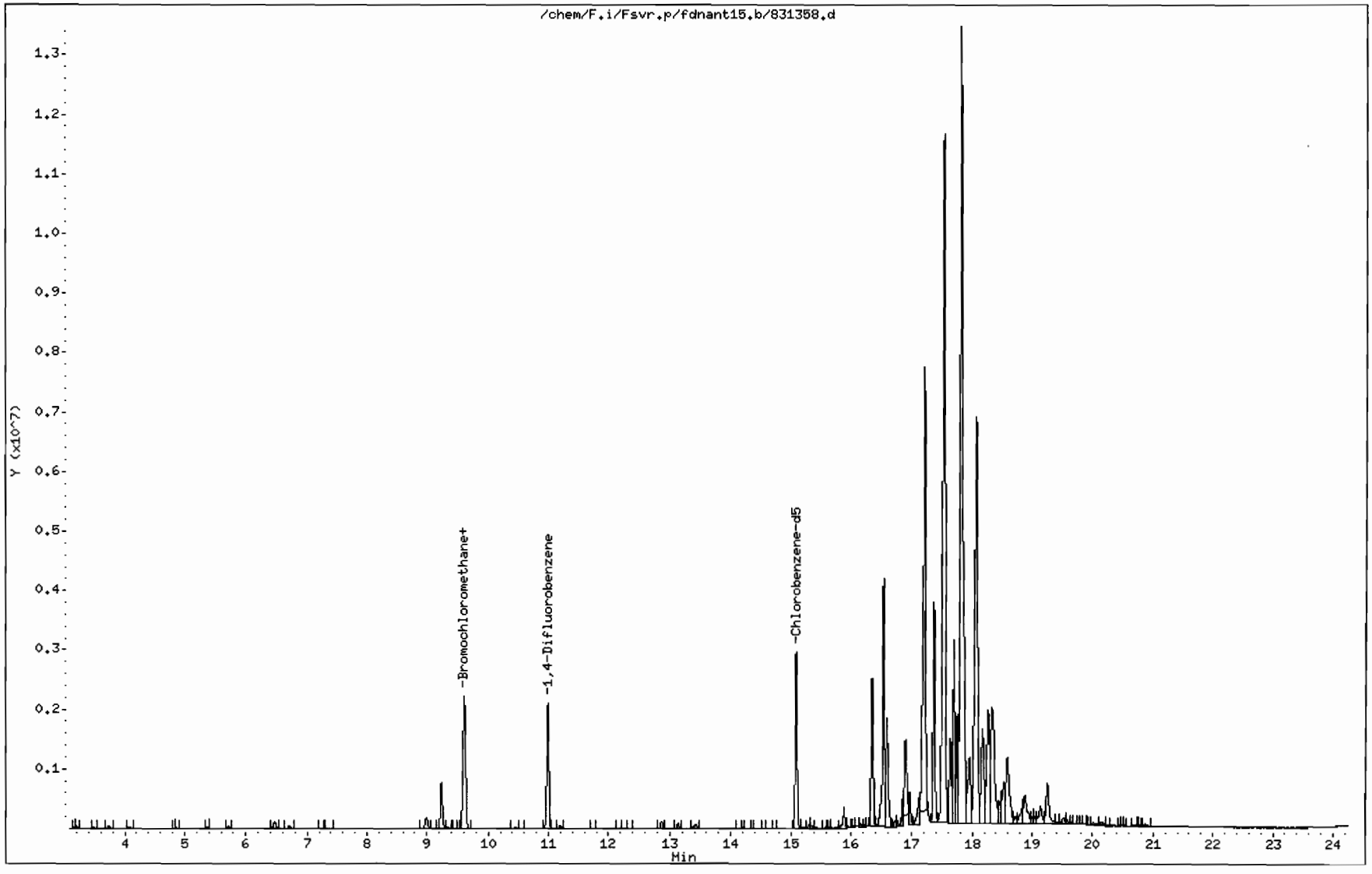
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	3.7	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	12	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d
Date : 03-JUN-2010 19:09
Client ID: CE-VAPOR-7
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831358.d
Lab Smp Id: 831358 Client Smp ID: CE-VAPOR-7
Inj Date : 03-JUN-2010 19:09
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)
Misc Info : 831358;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 11
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	9.233	9.260	(0.962)	359464	13.3366	130	(Q)
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.597	9.619	(1.000)	490456	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	9.613	9.640	(0.875)	1055151	18.0268	180	
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2377003	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	12.871	12.887	(1.171)	103457	0.83789	8.4	
	58 Toluene	92	13.133	13.160	(0.870)	44921	0.37317	3.7	
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.091	15.113	(1.000)	2219810	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	15.888	15.910	(1.053)	202093	1.21862	12	
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

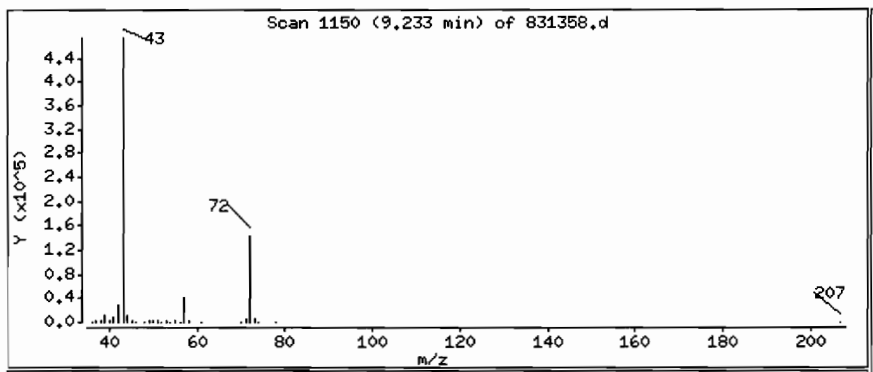
Client ID: CE-VAPOR-7 Instrument: F.i

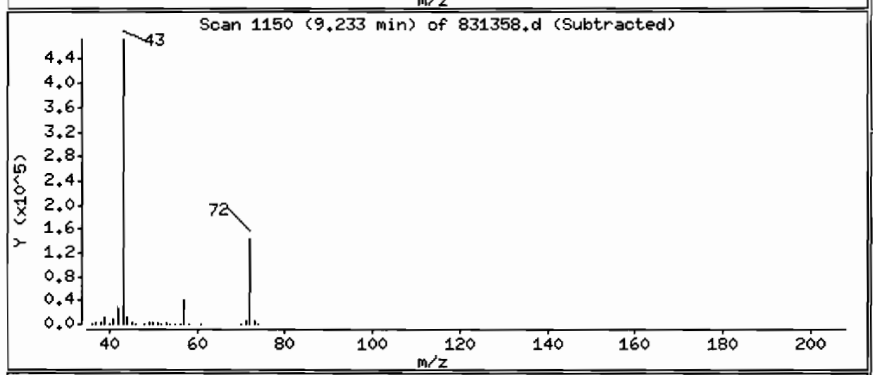
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

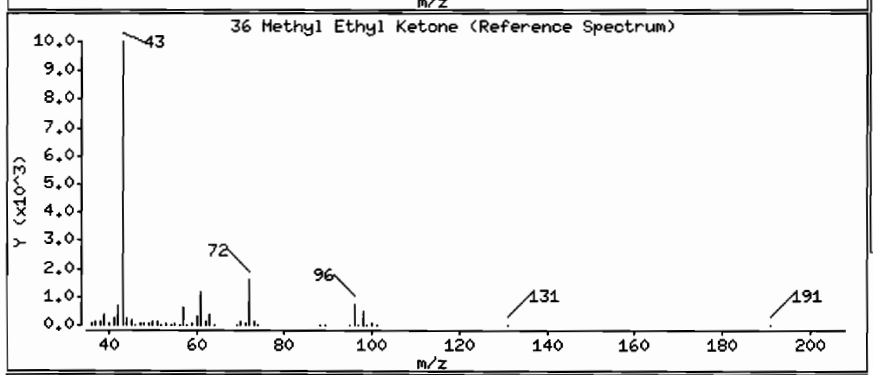
Purge Volume: 20.0 Operator: WRD

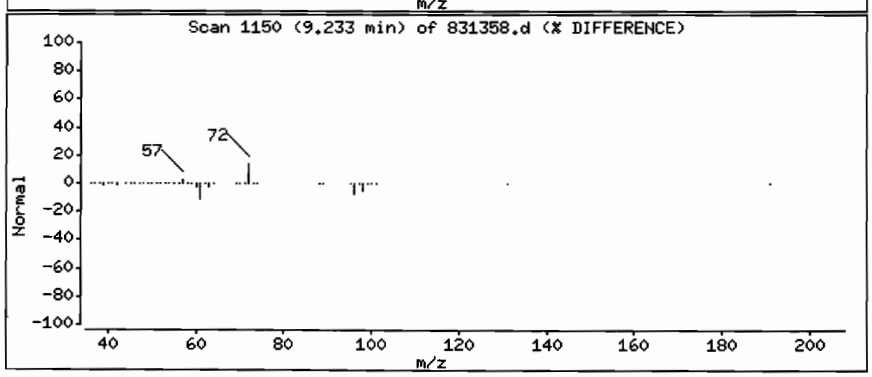
Column phase: RTX-624 Column diameter: 0.32

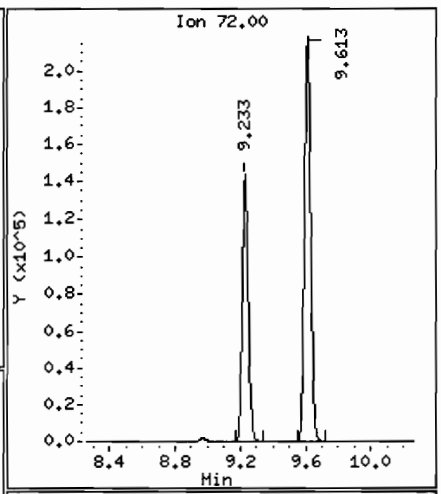
36 Methyl Ethyl Ketone Concentration: 130 ppbv

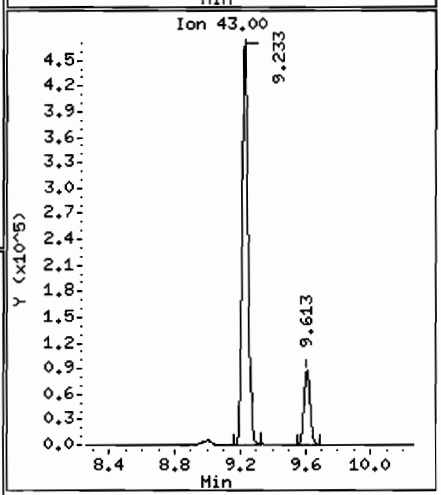












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

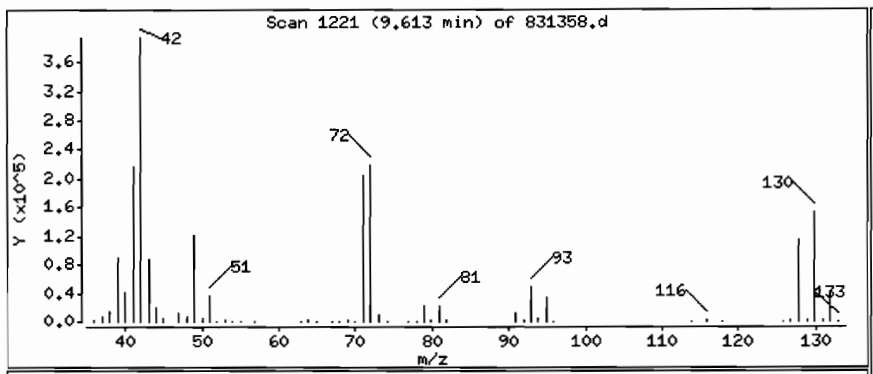
Client ID: CE-VAPOR-7 Instrument: F.i

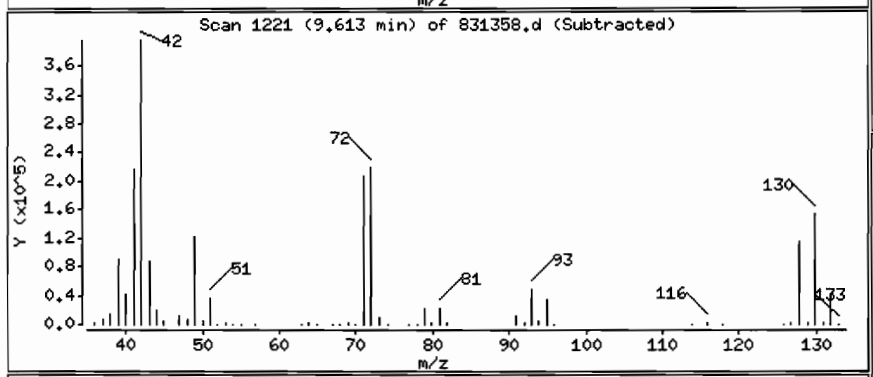
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

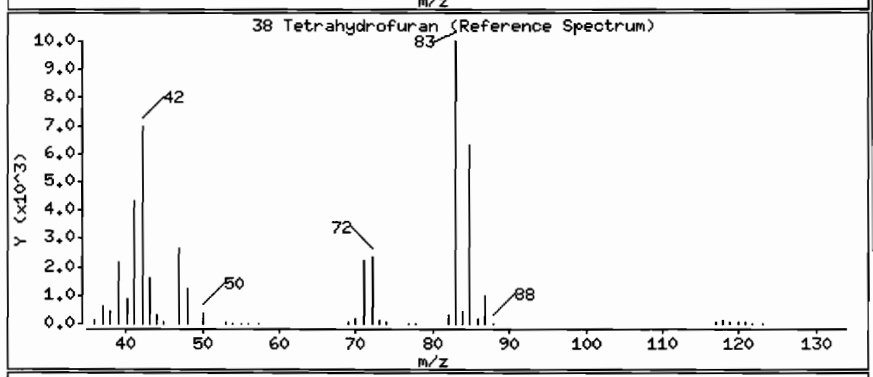
Purge Volume: 20.0 Operator: WRD

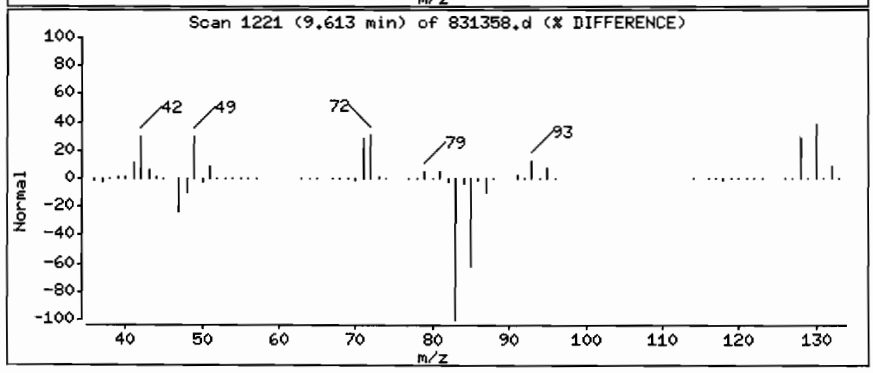
Column phase: RTX-624 Column diameter: 0.32

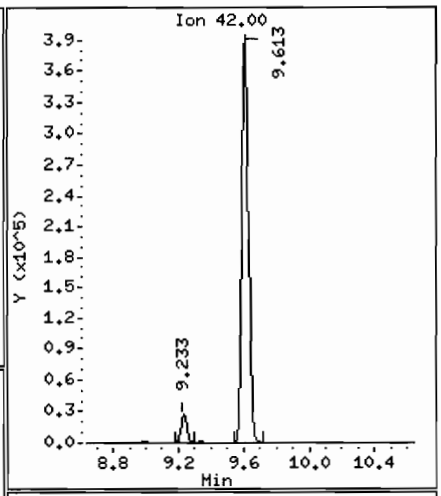
38 Tetrahydrofuran Concentration: 180 ppbv

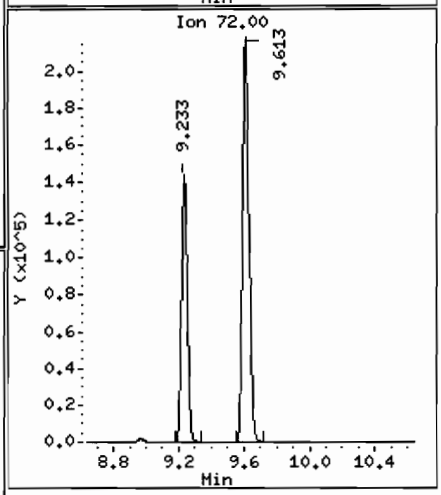












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

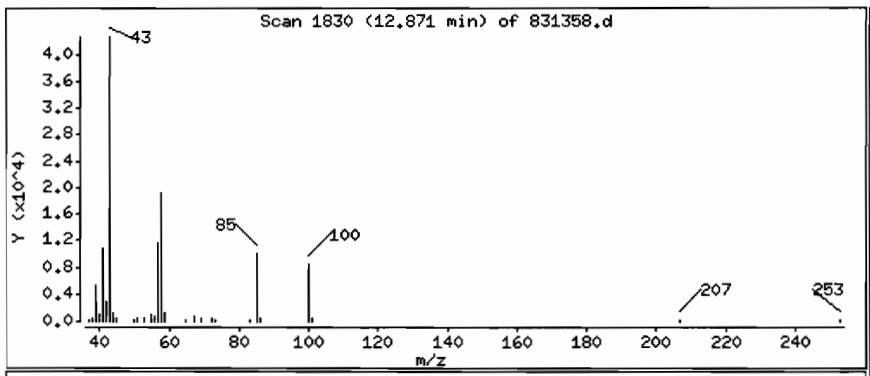
Client ID: CE-VAPOR-7 Instrument: F.i

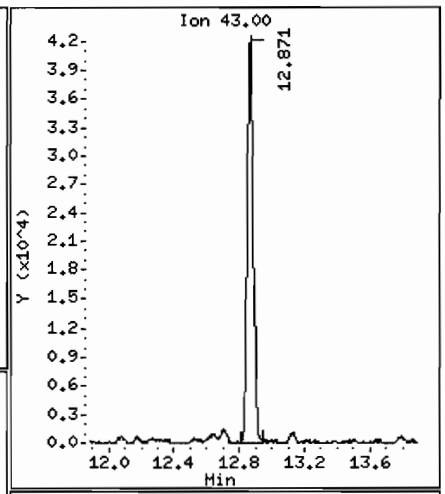
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

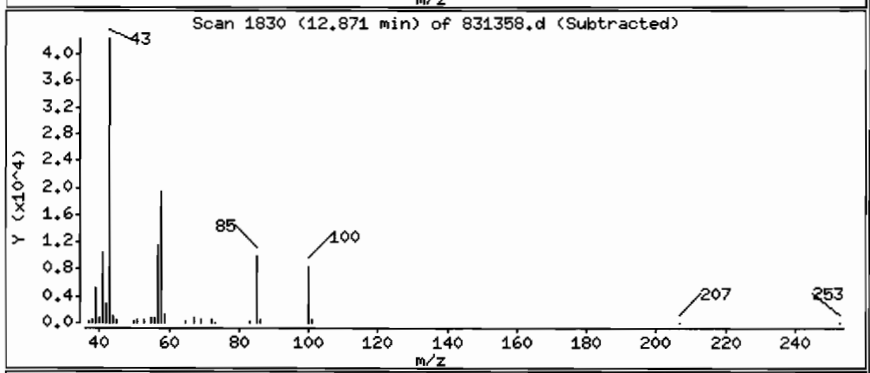
Purge Volume: 20.0 Operator: WRD

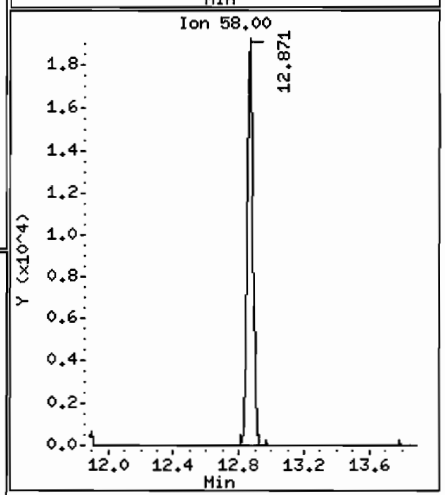
Column phase: RTX-624 Column diameter: 0.32

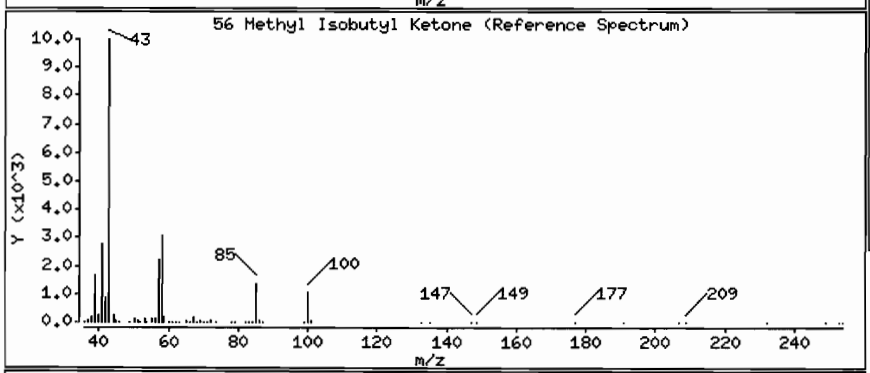
56 Methyl Isobutyl Ketone Concentration: 8.4 ppbv

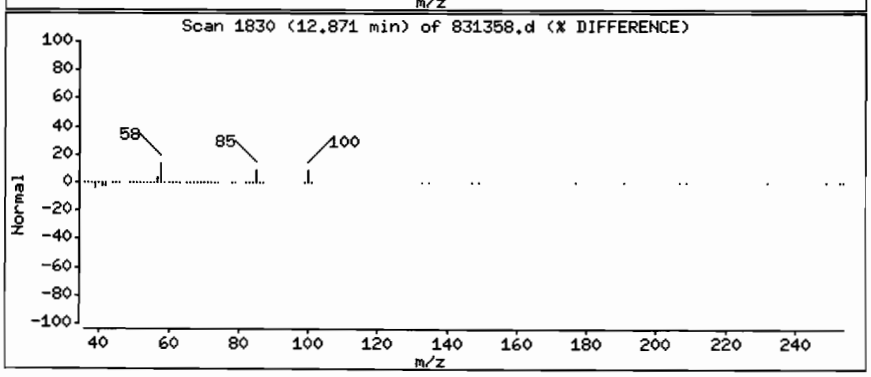












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

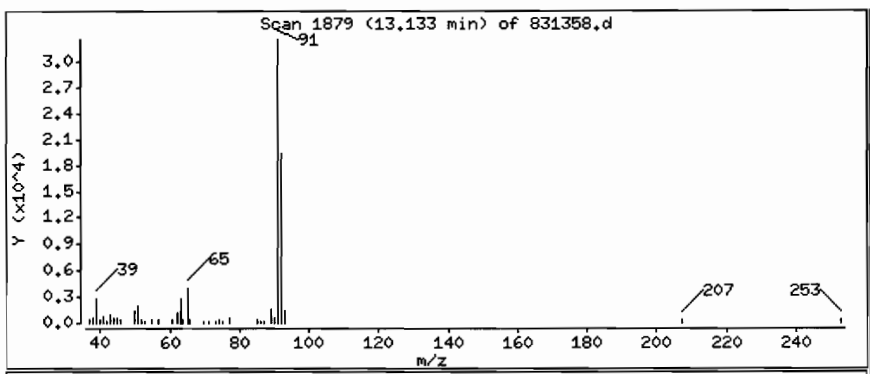
Client ID: CE-VAPOR-7 Instrument: F.i

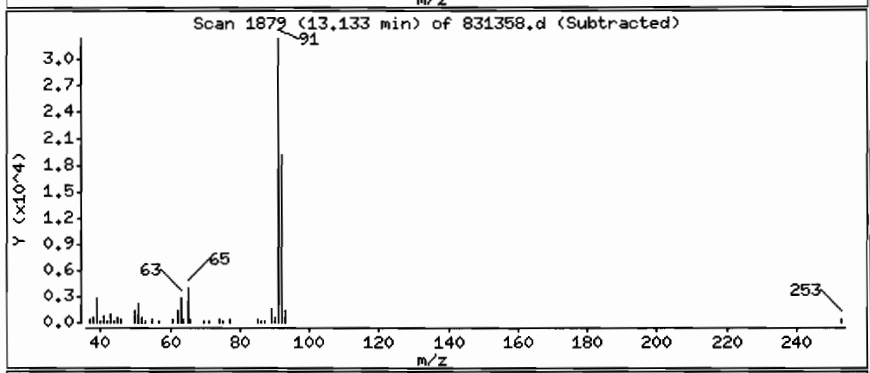
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

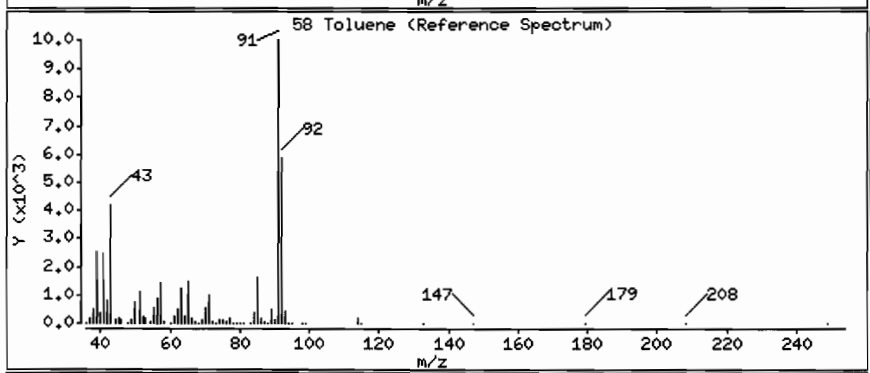
Purge Volume: 20.0 Operator: WRD

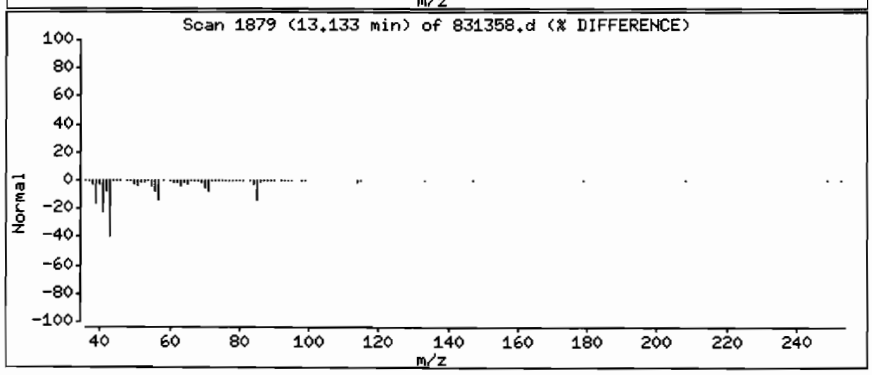
Column phase: RTX-624 Column diameter: 0.32

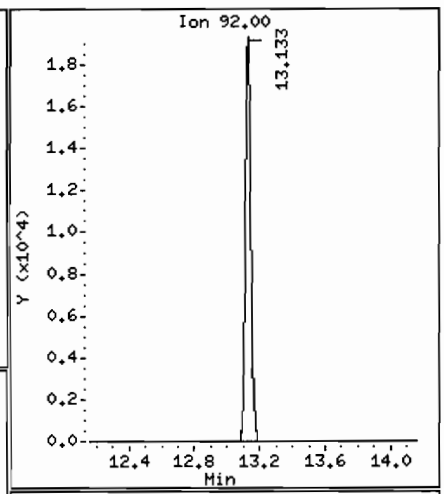
58 Toluene Concentration: 3.7 ppbv

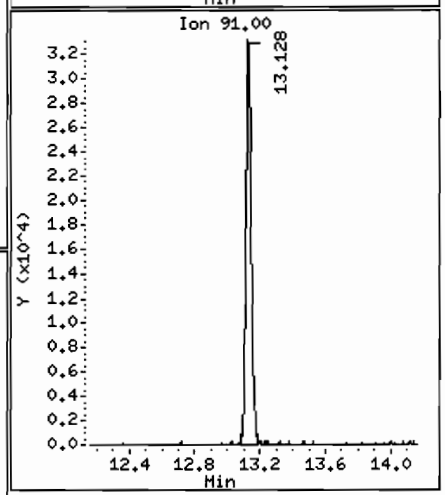












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831358.d

Date : 03-JUN-2010 19:09

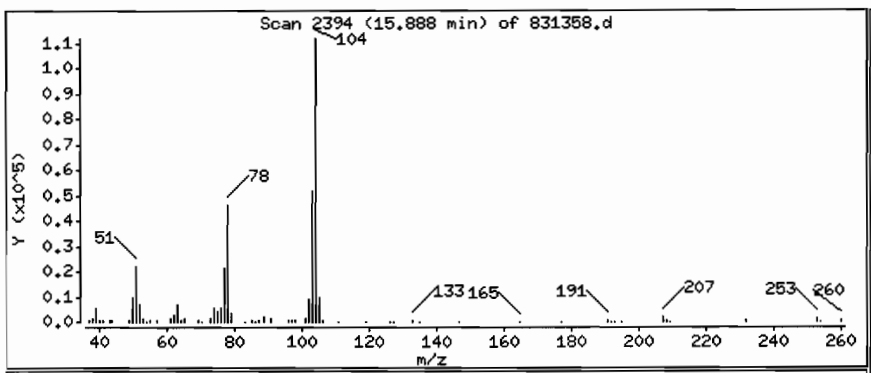
Client ID: CE-VAPOR-7 Instrument: F.i

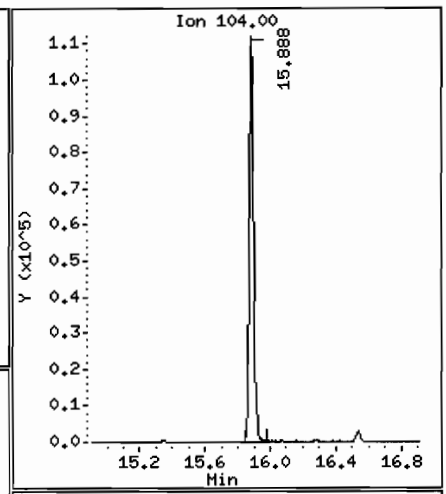
Sample Info: CE-VAPOR-7 :[ ]05/24/10 @1233(AIR)

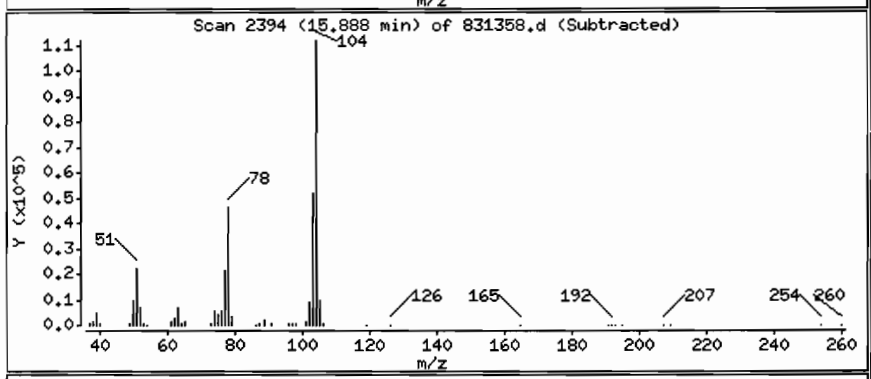
Purge Volume: 20.0 Operator: WRD

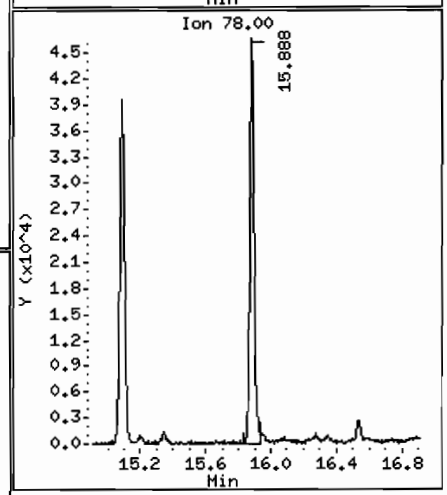
Column phase: RTX-624 Column diameter: 0.32

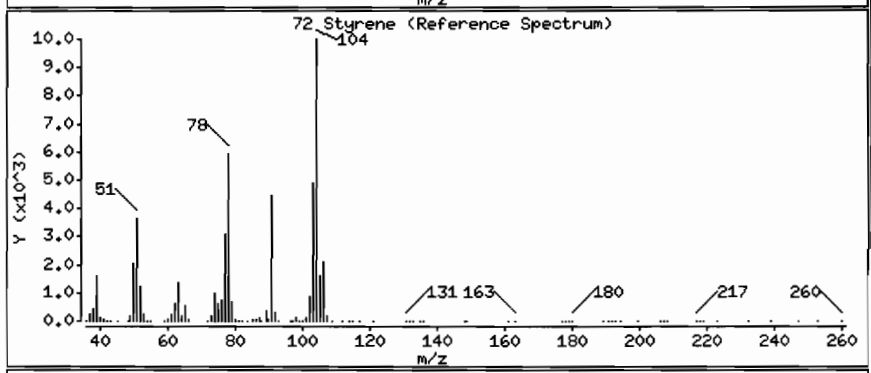
72 Styrene Concentration: 12 ppbv

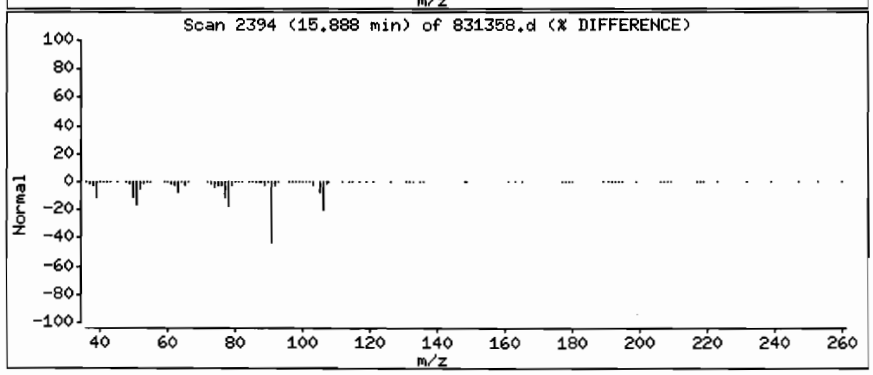












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	41	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	77	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.1	
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	7.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	6.3	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Page 4

Date : 03-JUN-2010 20:00

Client ID: CE-VAPOR-8

Instrument: F.i

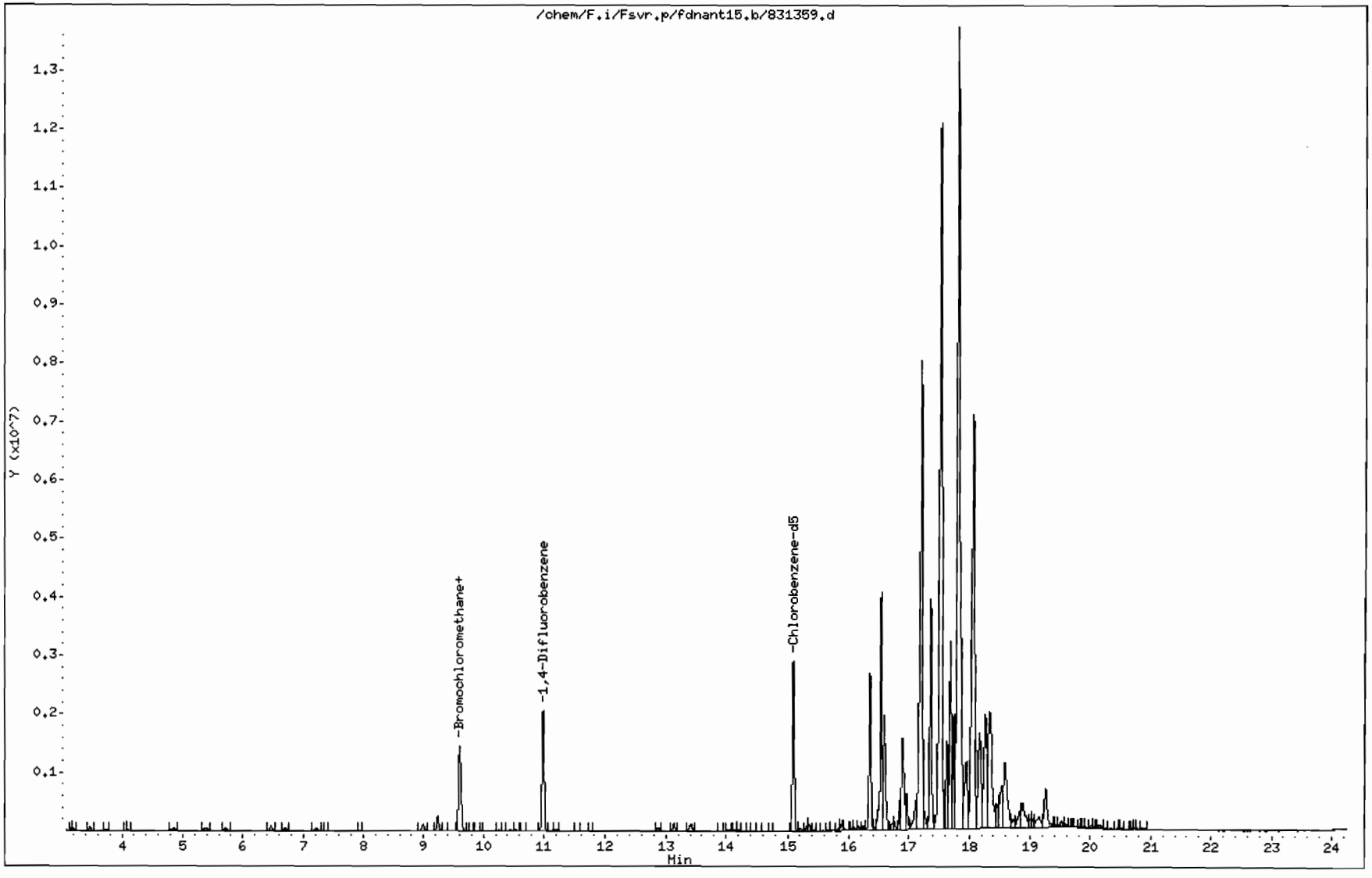
Sample Info: CE-VAPOR-8 :[05/24/10 @1233(AIR)

Purge Volume: 20.0

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/831359.d
Lab Smp Id: 831359 Client Smp ID: CE-VAPOR-8
Inj Date : 03-JUN-2010 20:00
Operator : WRD Inst ID: F.i
Smp Info : CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)
Misc Info : 831359;060310FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 12
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)	
	25	Methylene chloride	49	Compound Not Detected.						
	26	tert-Butyl Alcohol	59	Compound Not Detected.						
	27	Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28	trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30	n-Hexane	57	Compound Not Detected.						
	31	1,1-Dichloroethane	63	Compound Not Detected.						
	36	Methyl Ethyl Ketone	72	9.233	9.260	(0.963)	109526	4.14109	41	(Q)
	34	cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33	1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37	Bromochloromethane	128	9.592	9.619	(1.000)	481274	10.0000		(Q)
	39	Chloroform	83	Compound Not Detected.						
	38	Tetrahydrofuran	42	9.613	9.640	(0.875)	440194	7.69514	77	
	41	1,1,1-Trichloroethane	97	Compound Not Detected.						
	40	Cyclohexane	84	Compound Not Detected.						
	42	Carbon tetrachloride	117	Compound Not Detected.						
	43	2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44	Benzene	78	Compound Not Detected.						
	45	1,2-Dichloroethane	62	10.544	10.571	(0.960)	15808	0.20844	2.1	
	46	n-Heptane	43	Compound Not Detected.						
*	47	1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2323060	10.0000		
	49	Trichloroethene	95	Compound Not Detected.						
	50	1,2-Dichloropropane	63	Compound Not Detected.						
	53	1,4-Dioxane	88	Compound Not Detected.						
	54	Bromodichloromethane	83	Compound Not Detected.						
	55	cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56	Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58	Toluene	92	13.133	13.160	(0.870)	82135	0.69886	7.0	
	59	trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60	1,1,2-Trichloroethane	83	Compound Not Detected.						
	61	Tetrachloroethene	166	Compound Not Detected.						
	62	Methyl Butyl Ketone	43	Compound Not Detected.						
	63	Dibromochloromethane	129	Compound Not Detected.						
	64	1,2-Dibromoethane	107	Compound Not Detected.						
*	65	Chlorobenzene-d5	117	15.091	15.113	(1.000)	2167274	10.0000		
	66	Chlorobenzene	112	Compound Not Detected.						
	68	Ethylbenzene	91	Compound Not Detected.						
	69	Xylene (m,p)	106	Compound Not Detected.						
	71	Xylene (o)	106	Compound Not Detected.						
M	70	Xylenes, Total	106	Compound Not Detected.						
	72	Styrene	104	15.888	15.910	(1.053)	101436	0.62649	6.3	
	73	Bromoform	173	Compound Not Detected.						
	76	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80	4-Ethyltoluene	105	Compound Not Detected.						
	82	1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81	2-Chlorotoluene	91	Compound Not Detected.						
	85	1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88	1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

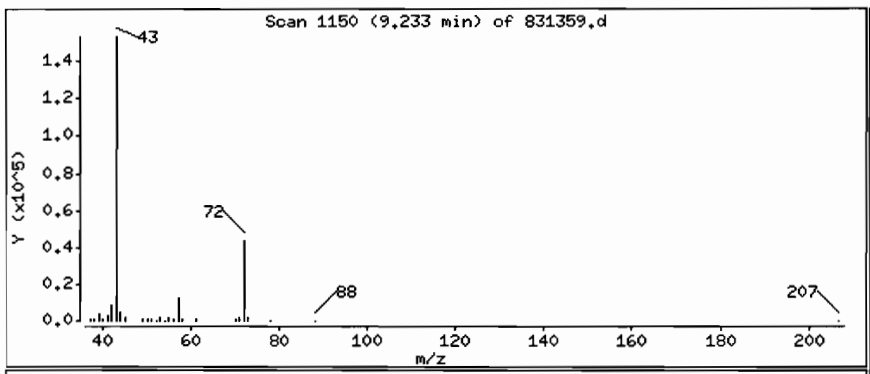
Client ID: CE-VAPOR-8 Instrument: F.i

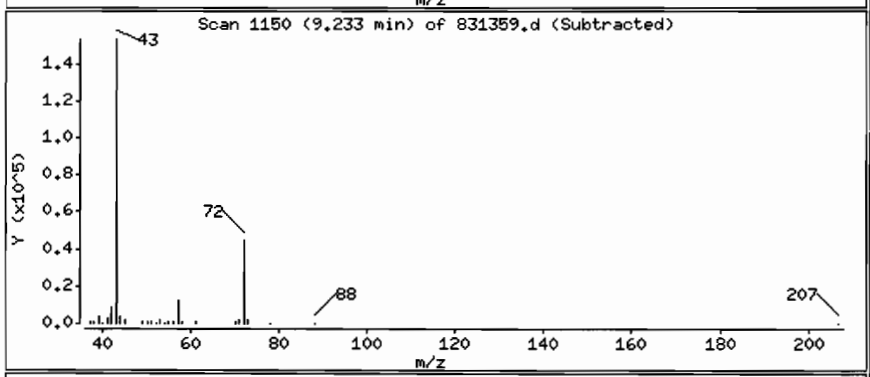
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

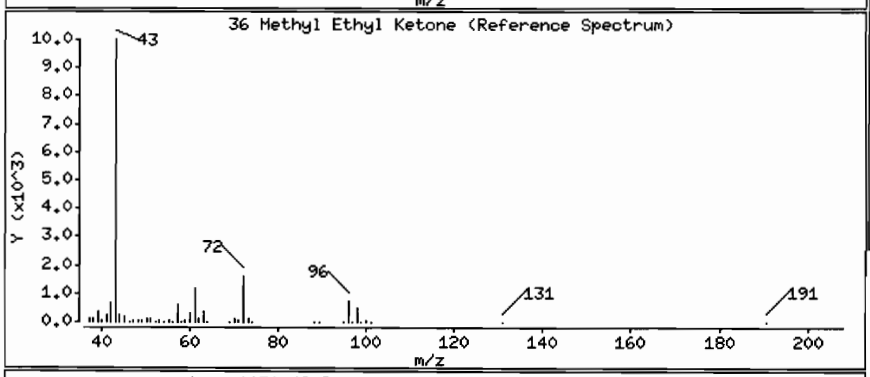
Purge Volume: 20.0 Operator: WRD

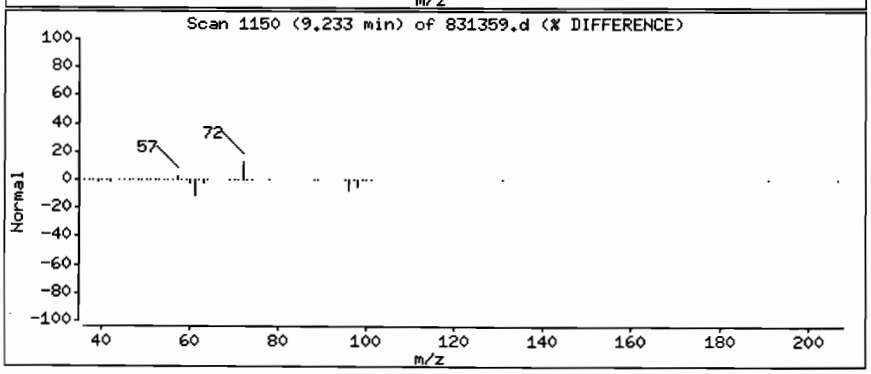
Column phase: RTX-624 Column diameter: 0.32

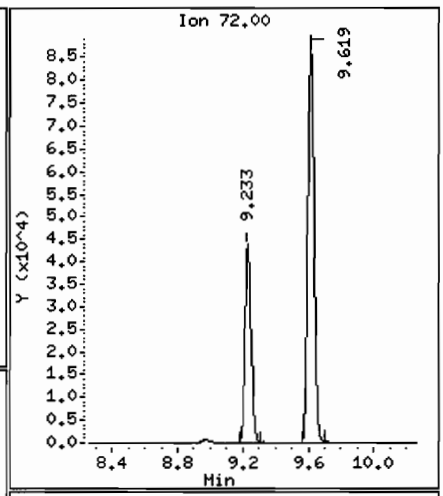
36 Methyl Ethyl Ketone Concentration: 41 ppbv

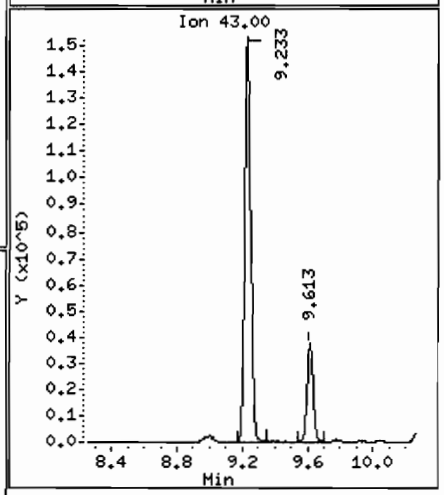












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

Client ID: CE-VAPOR-8

Instrument: F.i

Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

Purge Volume: 20.0

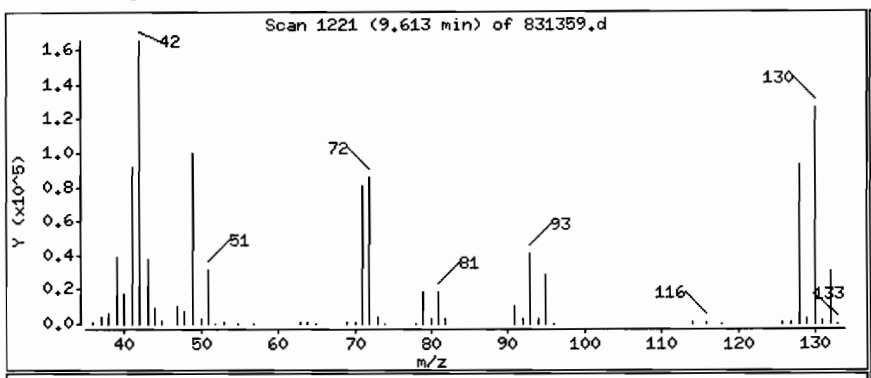
Operator: WRD

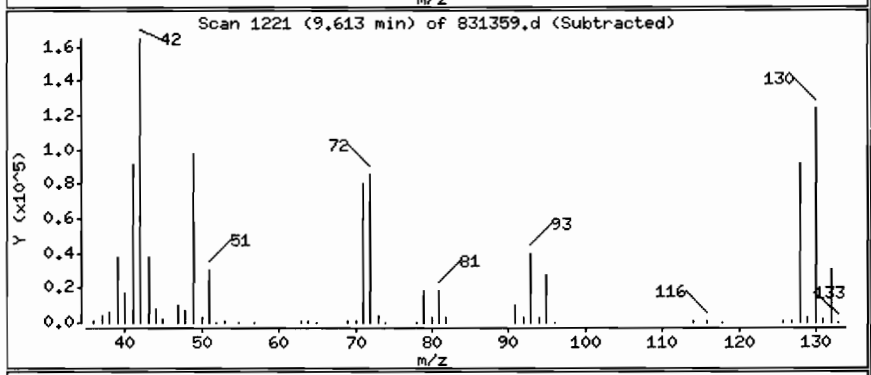
Column phase: RTX-624

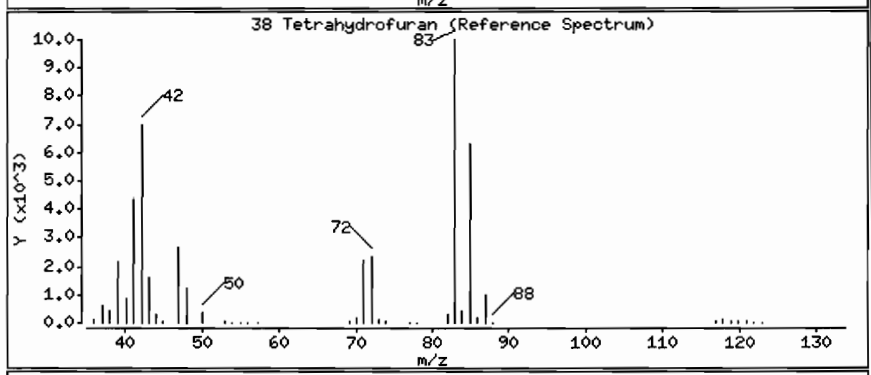
Column diameter: 0.32

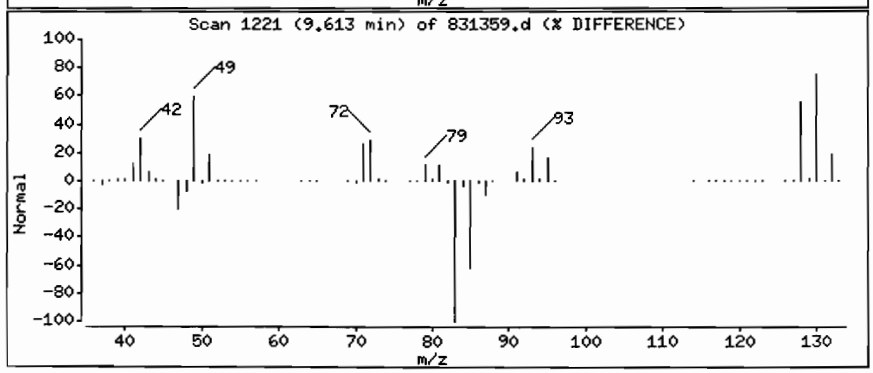
38 Tetrahydrofuran

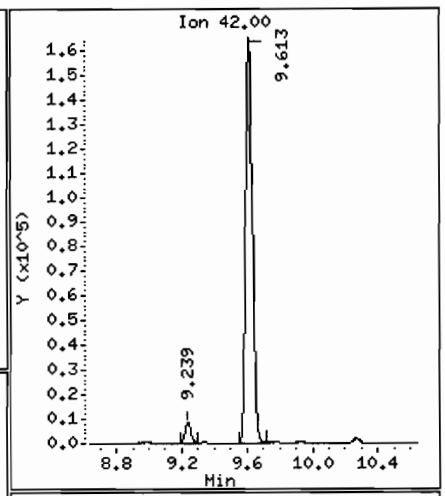
Concentration: 77 ppbv

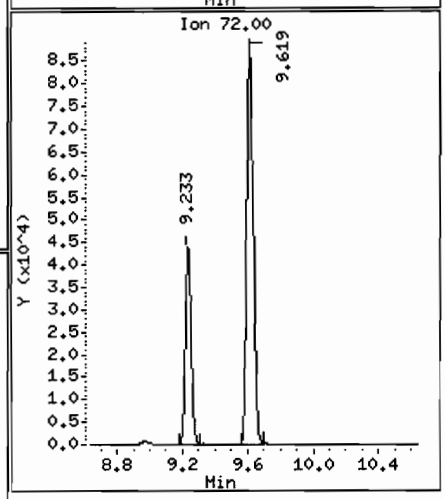












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

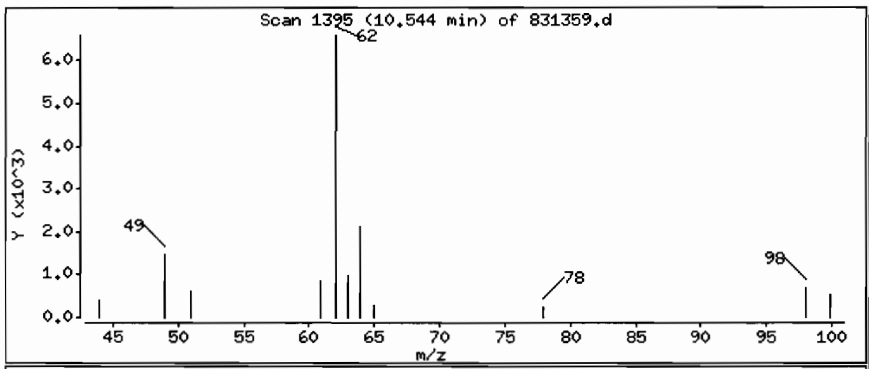
Client ID: CE-VAPOR-8 Instrument: F.i

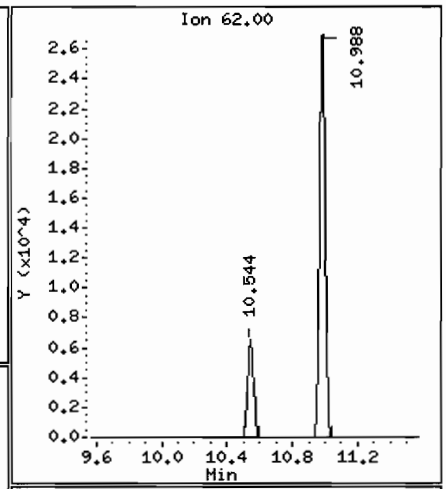
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

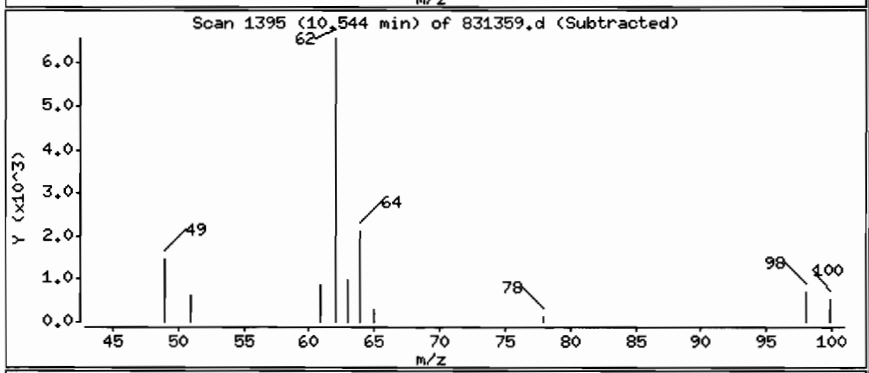
Purge Volume: 20.0 Operator: WRD

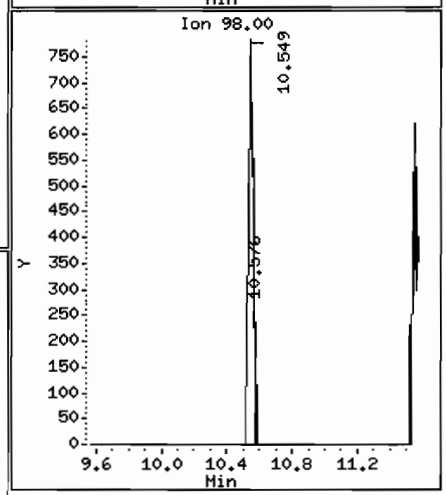
Column phase: RTX-624 Column diameter: 0.32

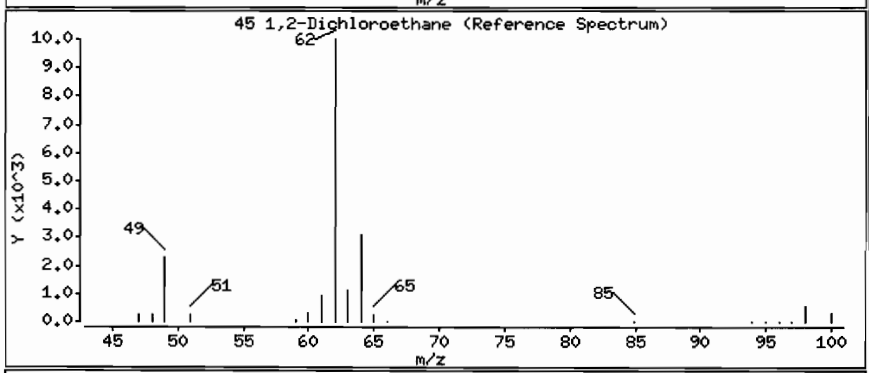
45 1,2-Dichloroethane Concentration: 2.1 ppbv

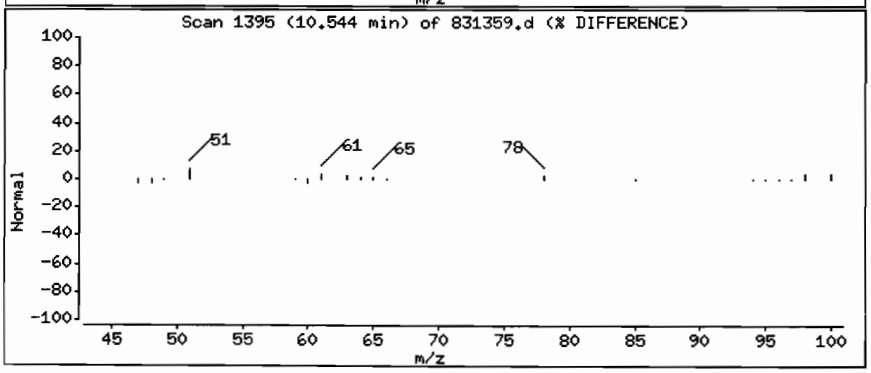












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

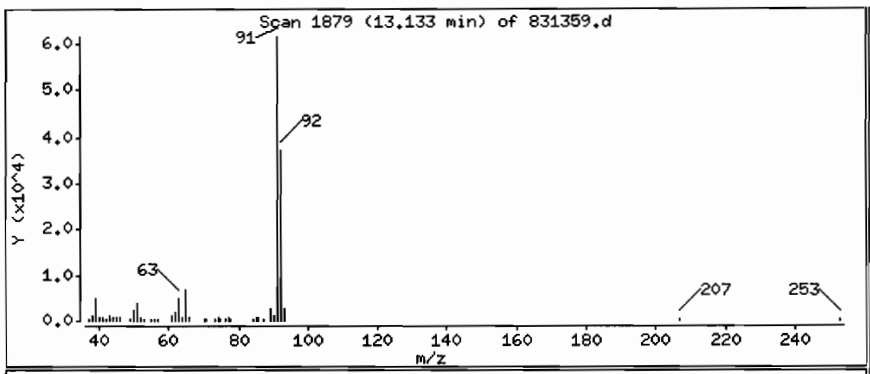
Client ID: CE-VAPOR-8 Instrument: F.i

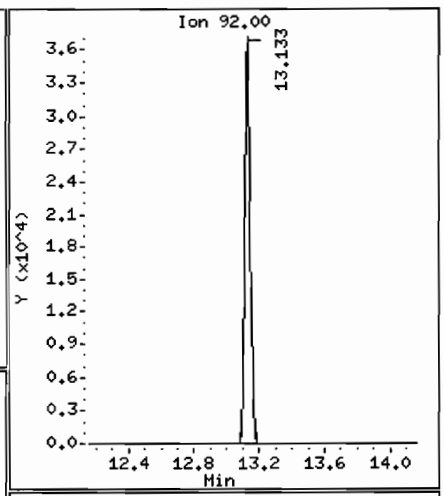
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

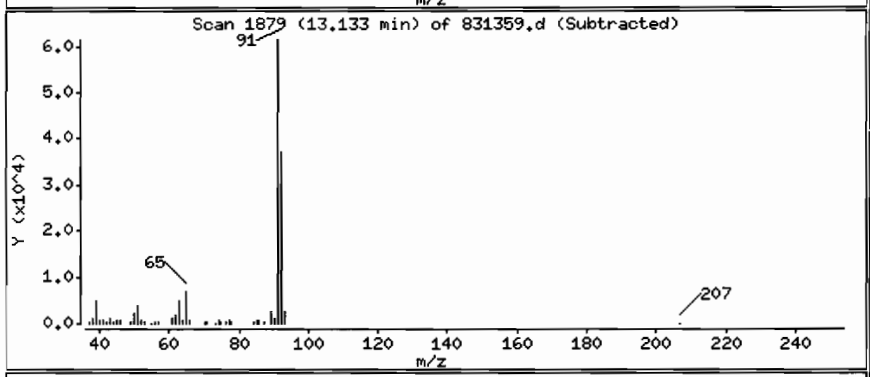
Purge Volume: 20.0 Operator: WRD

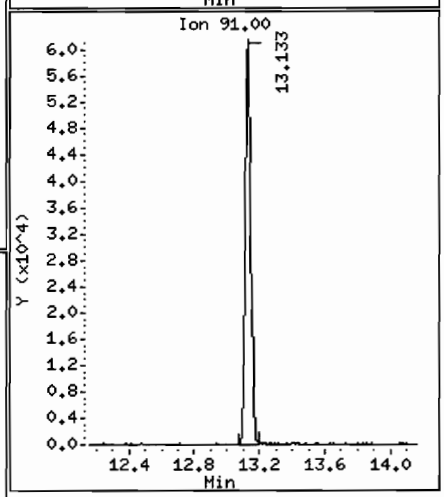
Column phase: RTX-624 Column diameter: 0.32

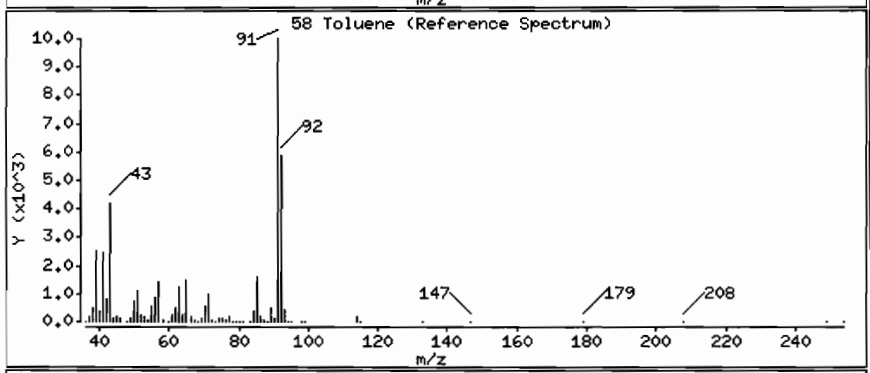
58 Toluene Concentration: 7.0 ppbv

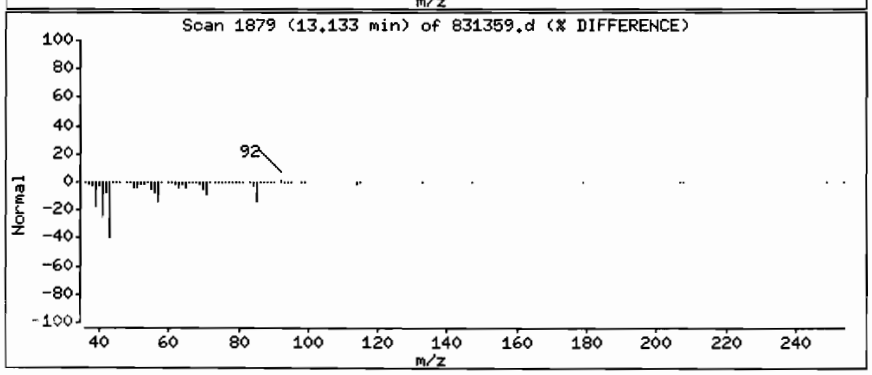












Data File: /chem/F.i/Fsvr.p/fdnant15.b/831359.d

Date : 03-JUN-2010 20:00

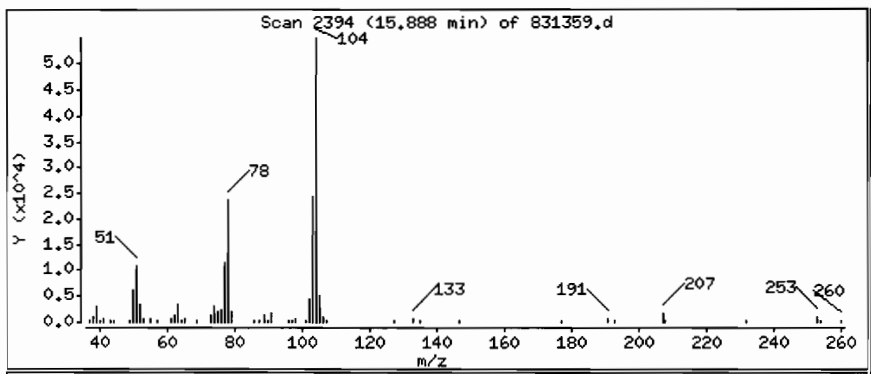
Client ID: CE-VAPOR-8 Instrument: F.i

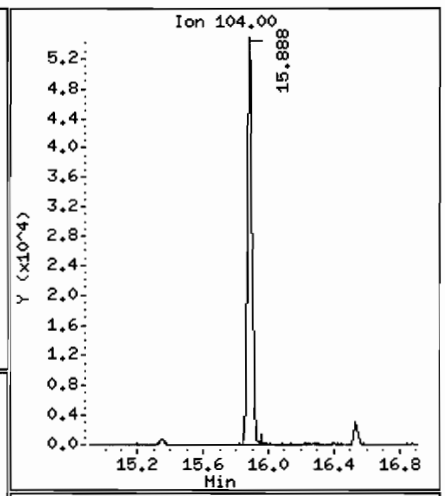
Sample Info: CE-VAPOR-8 :[ ]05/24/10 @1233(AIR)

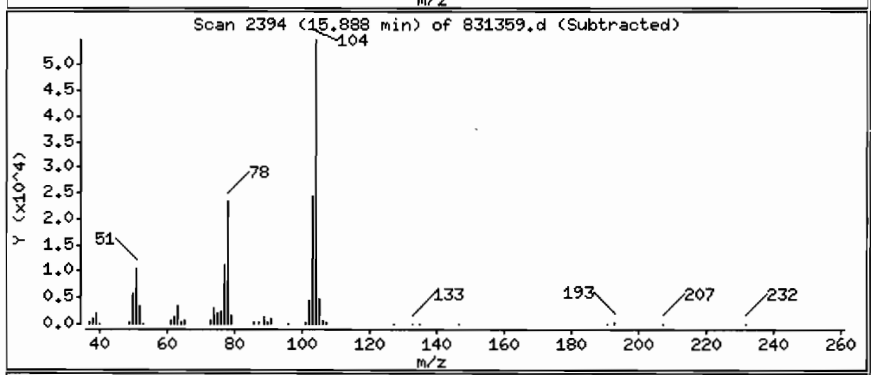
Purge Volume: 20.0 Operator: WRD

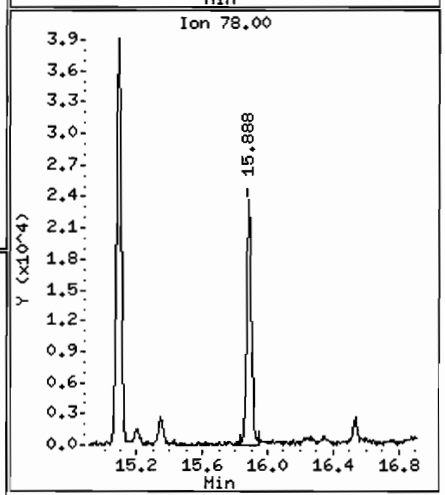
Column phase: RTX-624 Column diameter: 0.32

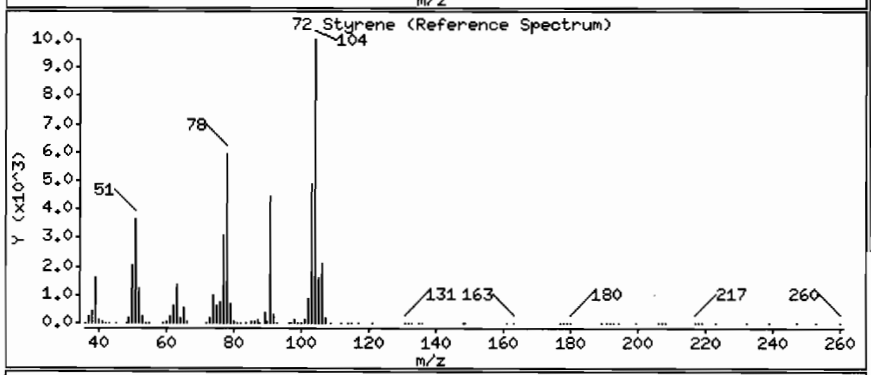
72 Styrene Concentration: 6.3 ppbv

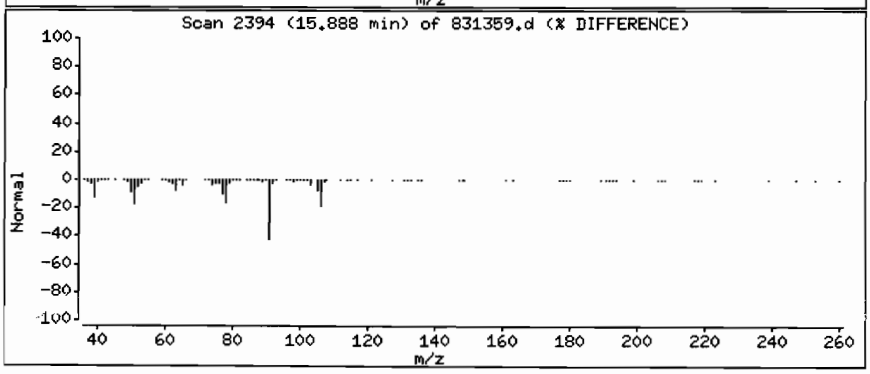












Supportive Documentation – TO-15 Volatile

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.339	2.320	2.300	2.118		
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234		
Chloromethane		0.773	0.723	0.716	0.657		
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882		
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668		
Bromomethane	1.089	1.072	1.040	1.018	1.009		
Chloroethane		0.591	0.571	0.565	0.547		
Bromoethene	1.101	1.096	1.068	1.051	1.054		
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766		
Freon TF	2.049	2.077	2.023	2.000	2.018		
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957		
Acetone			1.786	1.844	1.638		
Isopropyl Alcohol			1.362	1.316	1.279		
Carbon disulfide		3.110	3.157	3.096	3.102		
3-Chloropropene	1.307	1.316	1.372	1.370	1.316		
Methylene chloride		1.375	1.221	1.195	1.150		
tert-Butyl Alcohol			2.012	1.964	1.944		
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146		
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661		
n-Hexane	1.885	1.828	1.827	1.773	1.750		
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008		*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560		
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149		
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405		
Chloroform	2.426	2.346	2.363	2.327	2.300		
Tetrahydrofuran			0.256	0.254	0.248		
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496		
Cyclohexane	0.319	0.310	0.321	0.317	0.325		
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531		
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123		
Benzene	0.743	0.719	0.702	0.688	0.700		
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325		
n-Heptane	0.449	0.443	0.427	0.421	0.411		
Trichloroethene	0.322	0.314	0.315	0.313	0.319		
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265		
1,4-Dioxane			0.106	0.103	0.105		
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532		

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

	COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
	cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424			
	Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530			
	Toluene	0.562	0.536	0.532	0.532	0.561			
	trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447			
	1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272			
	Tetrachloroethene	0.466	0.451	0.447	0.450	0.486			
	Methyl Butyl Ketone		0.496	0.531	0.538	0.543			
	Dibromochloromethane	0.506	0.498	0.544	0.562	0.600			
	1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522			
*	Chlorobenzene	0.766	0.749	0.735	0.741	0.779			*
	Ethylbenzene	1.234	1.192	1.176	1.182	1.220			
	Xylene (m,p)	0.488	0.481	0.478	0.487	0.506			
	Xylene (o)	0.456	0.463	0.468	0.479	0.499			
	Xylenes, Total	0.456	0.463	0.468	0.479	0.499			
	Styrene	0.716	0.691	0.732	0.752	0.792			
	Bromoform	0.472	0.477	0.576	0.606	0.656			
	1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729			
	4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460			
	1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213			
	2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309			
	1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224			
	1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876			
	1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877			
	1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823			
	1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720			
	Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642			

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

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d

Page 4

Date : 07-APR-2010 11:04

Client ID: ASTD0.2

Instrument: F.i

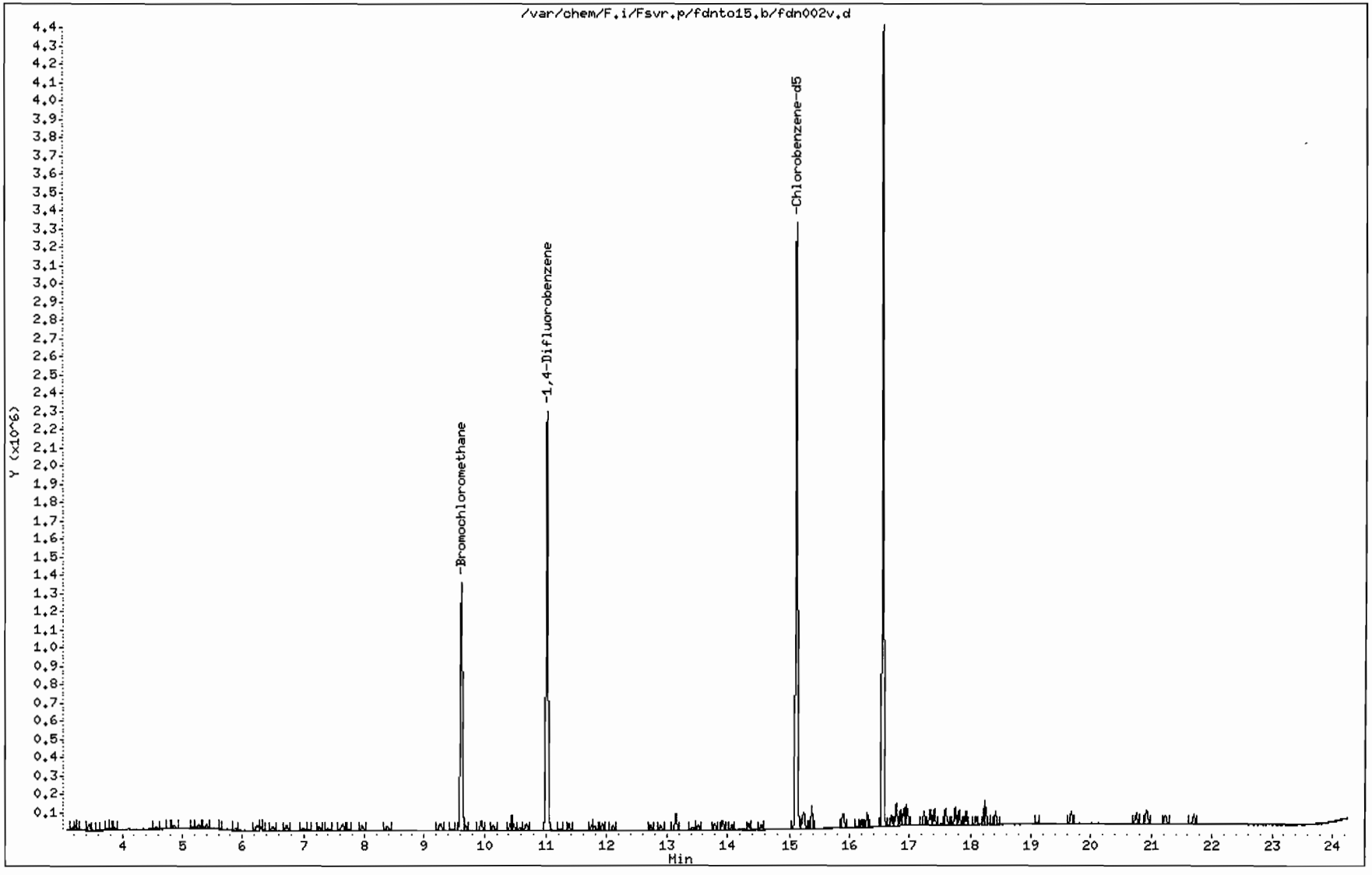
Sample Info: ic 022289

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d
Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
Inj Date : 07-APR-2010 11:04
Operator : wrd Inst ID: F.i
Smp Info : ic 022289
Misc Info : ASTD0.2;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:04 Cal File: fdn002v.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	5378	0.20000	0.23(a)
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	23169	0.20000	0.22(a)
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	12804	0.20000	0.23(a)
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.451	3.456	(0.359)	24158	0.20000	0.21
5	Chloromethane	50	3.590	3.584	(0.373)	7371	0.20000	0.22(a)
6	Butane	43	3.766	3.766	(0.392)	13220	0.20000	0.22(a)
7	Vinyl chloride	62	3.809	3.809	(0.396)	8928	0.20000	0.20
8	Butadiene	54	3.873	3.879	(0.403)	7298	0.20000	0.22(a)
9	Bromomethane	94	4.569	4.563	(0.475)	10700	0.20000	0.21
10	Chloroethane	64	4.788	4.788	(0.498)	5698	0.20000	0.21(a)
11	2-Methylbutane	43	4.863	4.868	(0.506)	13293	0.20000	0.23
12	Vinyl bromide	106	5.178	5.179	(0.538)	10812	0.20000	0.21
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	28698	0.20000	0.21
14	Pentane	43	5.398	5.403	(0.561)	19122	0.20000	0.23(a)
15	Ethanol	45	5.751	5.730	(0.598)	10369	0.20000	0.51(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	16 Ethyl ether	59	5.885	5.863	(0.612)	8041	0.20000	0.20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	20121	0.20000	0.20
	18 Acrolein	56	6.227	6.216	(0.647)	5765	0.20000	0.27(a)
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	9952	0.20000	0.21
	20 Acetone	43	6.505	6.489	(0.676)	38841	0.20000	0.48(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	31155	0.20000	0.21(a)
	22 Isopropyl alcohol	45	6.714	6.693	(0.698)	18533	0.20000	0.30(a)
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	12836	0.20000	0.20(a)
	24 Acetonitrile	41	7.094	7.078	(0.737)	8591	0.20000	0.22(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	15585	0.20000	0.27(a)
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	18929	0.20000	0.20(a)
	27 Methyl tert-butyl ether	73	7.613	7.602	(0.791)	31735	0.20000	0.21(a)
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	17029	0.20000	0.21
	29 Acrylonitrile	53	7.736	7.730	(0.804)	8318	0.20000	0.21(a)
	30 Hexane	57	7.966	7.966	(0.828)	18515	0.20000	0.21(a)
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	20551	0.20000	0.21
	32 Vinyl acetate	43	8.394	8.388	(0.873)	28511	0.20000	0.21(a)
M	33 1,2-Dichloroethene,Total	61				28705	0.40000	0.42
	34 cis-1,2-Dichloroethene	96	9.250	9.260	(0.962)	11676	0.20000	0.21
	35 Ethyl acetate	88	9.276	9.271	(0.964)	732	0.20000	0.15(aQ)
	36 2-Butanone(MEK)	72	9.276	9.260	(0.964)	5566	0.20000	0.21(aQ)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	491070	10.0000	
	38 Tetrahydrofuran	42	9.662	9.640	(0.878)	13355	0.20000	0.22(a)
	39 Chloroform	83	9.688	9.694	(1.007)	23830	0.20000	0.21
	40 Cyclohexane	84	9.950	9.956	(0.904)	15527	0.20000	0.20
	41 1,1,1-Trichloroethane	97	9.940	9.950	(0.903)	24634	0.20000	0.21
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	24712	0.20000	0.20
	43 Isooctane	57	10.432	10.432	(0.948)	56624	0.20000	0.21
	44 Benzene	78	10.469	10.475	(0.951)	36129	0.20000	0.21
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	15983	0.20000	0.20
	46 n-Heptane	43	10.678	10.678	(0.970)	21843	0.20000	0.21
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2432532	10.0000	
	48 n-Butanol	56	11.229	11.208	(1.020)	6706	0.20000	0.20(aQ)
	49 Trichloroethene	95	11.373	11.373	(1.033)	15682	0.20000	0.20
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	12840	0.20000	0.20
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	12492	0.20000	0.20(a)
	52 Dibromomethane	174	11.924	11.930	(1.083)	15114	0.20000	0.20
	53 1,4-Dioxane	88	11.914	11.882	(1.082)	5310	0.20000	0.21(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	24810	0.20000	0.20
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	19699	0.20000	0.20
	56 4-Methyl-2-pentanone(MIBK)	43	12.898	12.887	(1.172)	24181	0.20000	0.19(a)
	57 n-Octane	43	13.144	13.144	(1.194)	28501	0.20000	0.21
	58 Toluene	92	13.155	13.160	(0.870)	26144	0.20000	0.21
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	19584	0.20000	0.19(a)
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	13005	0.20000	0.21(Q)
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	21682	0.20000	0.20
	62 2-Hexanone	43	14.070	14.064	(0.931)	24308	0.20000	0.20(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	23571	0.20000	0.18(a)
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	23062	0.20000	0.20
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2327300	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	35682	0.20000	0.20
	67 n-Nonane	57	15.247	15.247	(1.009)	28786	0.20000	0.22
	68 Ethylbenzene	91	15.220	15.225	(1.007)	57462	0.20000	0.21
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	45445	0.40000	0.40
M	70 Xylenes, Total	106				66674	0.20000	0.60
	71 o-Xylene	106	15.883	15.883	(1.051)	21229	0.20000	0.19(a)
	72 Styrene	104	15.910	15.910	(1.053)	33325	0.20000	0.19(a)
	73 Bromoform	173	16.199	16.199	(1.072)	21968	0.20000	0.16(a)
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	63282	0.20000	0.20
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	32838	0.20000	0.20
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	76078	0.20000	0.20
	78 1,2,3-Trichloropropane	75	16.787	16.793	(1.111)	26899	0.20000	0.21(a)
	79 n-Decane	57	16.852	16.852	(1.115)	35318	0.20000	0.21(a)
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	65866	0.20000	0.20
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	60835	0.20000	0.21
	82 1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	52538	0.20000	0.19(a)
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	25151	0.20000	0.18(a)
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	50774	0.20000	0.19(a)
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	54449	0.20000	0.20
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	74786	0.20000	0.19(a)
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	63662	0.20000	0.19(a)
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	37896	0.20000	0.19(a)
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	37382	0.20000	0.19(a)
	90 Benzyl chloride	91	18.087	18.087	(1.197)	40170	0.20000	0.17(a)
	91 Undecane	57	18.221	18.221	(1.206)	38583	0.20000	0.20(a)
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	58434	0.20000	0.19(a)
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	35525	0.20000	0.19(a)
	94 Dodecane	57	19.671	19.671	(1.302)	34232	0.20000	0.18(a)
	95 1,2,4-Trichlorobenzene	180	20.757	20.752	(1.373)	28390	0.20000	0.18(a)
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	27331	0.20000	0.19(a)
	97 Naphthalene	128	21.228	21.233	(1.405)	66206	0.20000	0.20(a)
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	28844	0.20000	0.20

QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d

Page 4

Date : 07-APR-2010 11:57

Client ID: ASTD0.5

Instrument: F.i

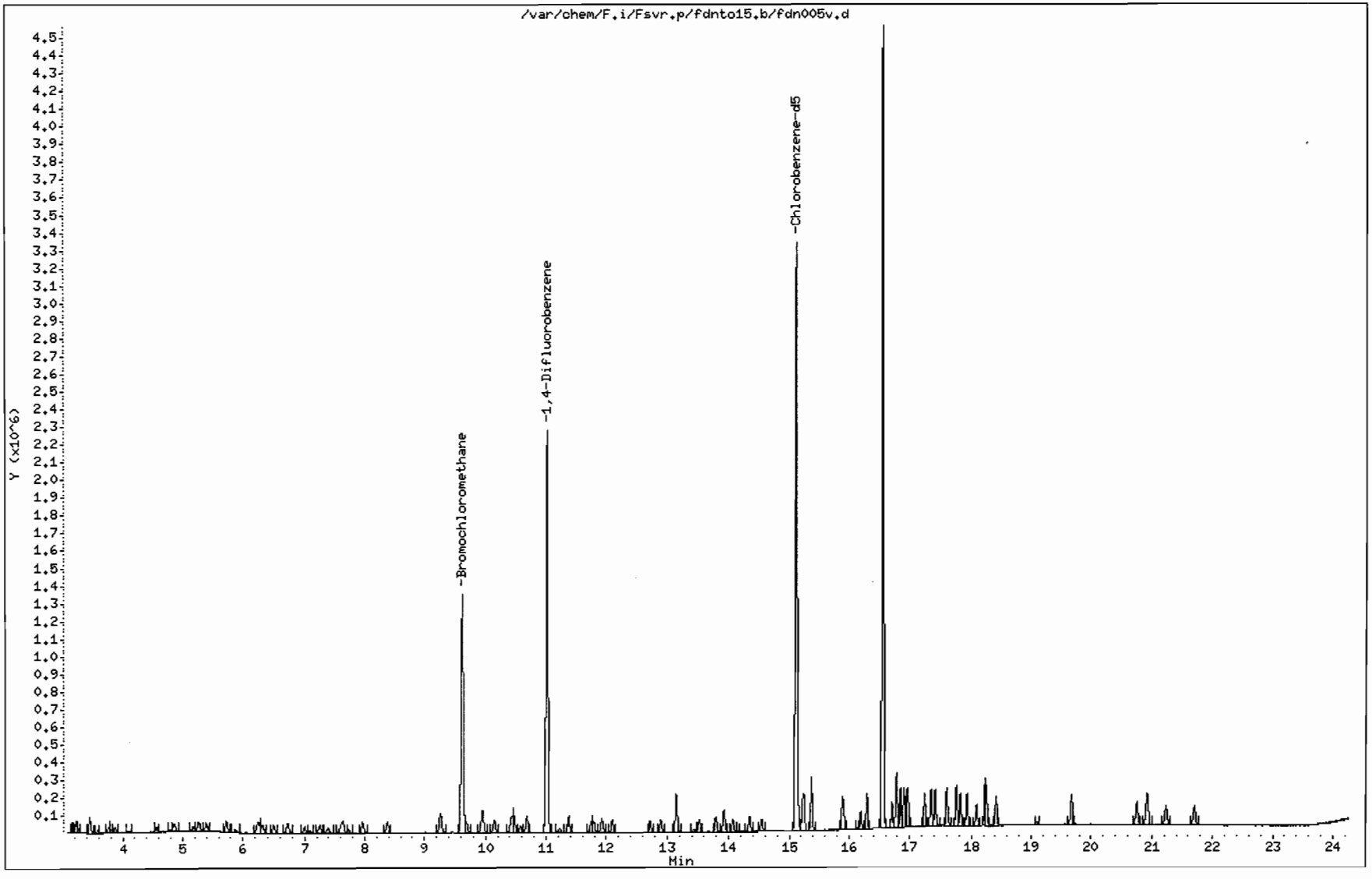
Sample Info: ic 022287

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d
Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
Inj Date : 07-APR-2010 11:57
Operator : wrd Inst ID: F.i
Smp Info : ic 022287
Misc Info : ASTD0.5;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:57 Cal File: fdn005v.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	12398	0.50000	0.55
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	55796	0.50000	0.54
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	31293	0.50000	0.57
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	59034	0.50000	0.54
5	Chloromethane	50	3.584	3.584	(0.373)	18436	0.50000	0.57
6	Butane	43	3.766	3.766	(0.392)	32899	0.50000	0.57
7	Vinyl chloride	62	3.804	3.809	(0.395)	22011	0.50000	0.52
8	Butadiene	54	3.878	3.879	(0.403)	17824	0.50000	0.54
9	Bromomethane	94	4.563	4.563	(0.474)	25577	0.50000	0.53
10	Chloroethane	64	4.788	4.788	(0.498)	14109	0.50000	0.54
11	2-Methylbutane	43	4.857	4.868	(0.505)	29030	0.50000	0.52
12	Vinyl bromide	106	5.178	5.179	(0.538)	26146	0.50000	0.52
13	Trichlorofluoromethane	101	5.264	5.275	(0.547)	70340	0.50000	0.53
14	Pentane	43	5.403	5.403	(0.562)	43789	0.50000	0.53
15	Ethanol	45	5.729	5.730	(0.596)	102301	5.00000	5.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.868	5.863	(0.610)	19856	0.50000	0.52
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	49548	0.50000	0.52
	18 Acrolein	56	6.227	6.216	(0.647)	12550	0.50000	0.60(a)
	19 1,1-Dichloroethene	96	6.318	6.323	(0.657)	23216	0.50000	0.50
	20 Acetone	43	6.500	6.489	(0.676)	71062	0.50000	0.89(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	74213	0.50000	0.51
	22 Isopropyl alcohol	45	6.708	6.693	(0.697)	37735	0.50000	0.62(a)
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	31397	0.50000	0.50
	24 Acetonitrile	41	7.083	7.078	(0.736)	19504	0.50000	0.51(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	32813	0.50000	0.58
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	47826	0.50000	0.52(a)
	27 Methyl tert-butyl ether	73	7.607	7.602	(0.791)	75214	0.50000	0.50
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	40773	0.50000	0.51
	29 Acrylonitrile	53	7.730	7.730	(0.804)	18588	0.50000	0.49(a)
	30 Hexane	57	7.966	7.966	(0.828)	43602	0.50000	0.52
	31 1,1-Dichloroethane	63	8.367	8.372	(0.870)	49346	0.50000	0.51
	32 Vinyl acetate	43	8.388	8.388	(0.872)	63714	0.50000	0.49(a)
M	33 1,2-Dichloroethene,Total	61				68474	1.00000	1.0
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	27701	0.50000	0.51
	35 Ethyl acetate	88	9.276	9.271	(0.964)	2245	0.50000	0.48(aQ)
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	13457	0.50000	0.51
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	477162	10.0000	
	38 Tetrahydrofuran	42	9.656	9.640	(0.877)	31124	0.50000	0.53(a)
	39 Chloroform	83	9.694	9.694	(1.008)	55962	0.50000	0.51
	40 Cyclohexane	84	9.956	9.956	(0.904)	36900	0.50000	0.49
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.904)	57571	0.50000	0.49
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	59958	0.50000	0.48
	43 Isooctane	57	10.426	10.432	(0.947)	135189	0.50000	0.51
	44 Benzene	78	10.469	10.475	(0.951)	85424	0.50000	0.51
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	39545	0.50000	0.51
	46 n-Heptane	43	10.683	10.678	(0.970)	52623	0.50000	0.53
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2376868	10.0000	
	48 n-Butanol	56	11.224	11.208	(1.019)	16773	0.50000	0.52(a)
	49 Trichloroethene	95	11.368	11.373	(1.033)	37359	0.50000	0.50
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	32128	0.50000	0.51
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	29341	0.50000	0.47(a)
	52 Dibromomethane	174	11.930	11.930	(1.084)	34632	0.50000	0.48
	53 1,4-Dioxane	88	11.903	11.882	(1.081)	12540	0.50000	0.51(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	58589	0.50000	0.47
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	47343	0.50000	0.48
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.171)	60070	0.50000	0.49(a)
	57 n-Octane	43	13.144	13.144	(1.194)	73560	0.50000	0.55
	58 Toluene	92	13.160	13.160	(0.871)	61473	0.50000	0.49
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	49153	0.50000	0.48
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	29912	0.50000	0.49
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	51696	0.50000	0.48
	62 2-Hexanone	43	14.070	14.064	(0.931)	56916	0.50000	0.47(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	57147	0.50000	0.44
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	54786	0.50000	0.47
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2293887	10.0000	
	66 Chlorobenzene	112	15.156	15.150	(1.003)	85951	0.50000	0.49
	67 n-Nonane	57	15.247	15.247	(1.009)	68656	0.50000	0.53
	68 Ethylbenzene	91	15.225	15.225	(1.007)	136686	0.50000	0.50
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	110277	1.00000	0.99
M	70 Xylenes, Total	106				163394	0.50000	1.5
	71 o-Xylene	106	15.883	15.883	(1.051)	53117	0.50000	0.49
	72 Styrene	104	15.910	15.910	(1.053)	79287	0.50000	0.46
	73 Bromoform	173	16.199	16.199	(1.072)	54672	0.50000	0.40
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	150621	0.50000	0.48
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	80247	0.50000	0.49
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	185739	0.50000	0.50
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	64879	0.50000	0.51
	79 n-Decane	57	16.851	16.852	(1.115)	85828	0.50000	0.51
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	156224	0.50000	0.48
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	143743	0.50000	0.49
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	129625	0.50000	0.49
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	62536	0.50000	0.44
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	123265	0.50000	0.48
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	127661	0.50000	0.47
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	185357	0.50000	0.49
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	156477	0.50000	0.47
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	89685	0.50000	0.46
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	88019	0.50000	0.46
	90 Benzyl chloride	91	18.087	18.087	(1.197)	100215	0.50000	0.43
	91 Undecane	57	18.221	18.221	(1.206)	96407	0.50000	0.52(a)
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	146863	0.50000	0.50
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	83117	0.50000	0.46
	94 Dodecane	57	19.676	19.671	(1.302)	85596	0.50000	0.46(a)
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	65715	0.50000	0.42(a)
	96 Hexachlorobutadiene	225	20.917	20.923	(1.384)	63432	0.50000	0.45
	97 Naphthalene	128	21.233	21.233	(1.405)	146232	0.50000	0.44(a)
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	62391	0.50000	0.43

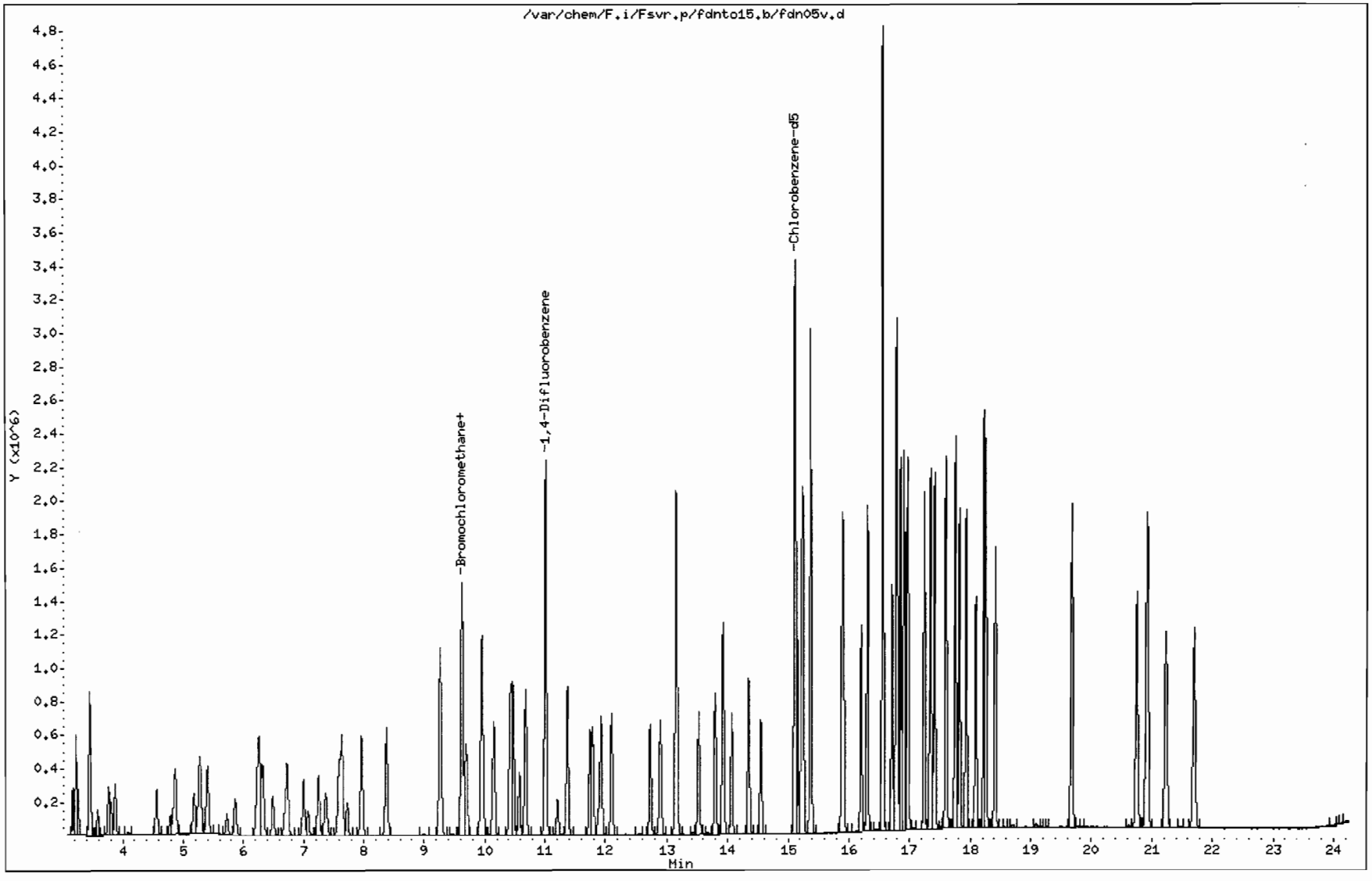
QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d
Date : 07-APR-2010 12:51
Client ID: ASTD05
Sample Info: ic 021996
Purge Volume: 2000.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d
Lab Smp Id: ASTD05 Client Smp ID: ASTD05
Inj Date : 07-APR-2010 12:51
Operator : wrd Inst ID: F.i
Smp Info : ic 021996
Misc Info : ASTD05;040710FA;1;2000
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 12:51 Cal File: fdn05v.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	2000.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	120455	5.00000	5.4
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	548165	5.00000	5.4
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	289440	5.00000	5.3
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	579597	5.00000	5.3
5	Chloromethane	50	3.584	3.584	(0.373)	170971	5.00000	5.3
6	Butane	43	3.766	3.766	(0.392)	306245	5.00000	5.3
7	Vinyl chloride	62	3.804	3.809	(0.395)	224756	5.00000	5.4
8	Butadiene	54	3.878	3.879	(0.403)	168458	5.00000	5.2
9	Bromomethane	94	4.563	4.563	(0.474)	245707	5.00000	5.1
10	Chloroethane	64	4.788	4.788	(0.498)	134919	5.00000	5.2
11	2-Methylbutane	43	4.863	4.868	(0.506)	288954	5.00000	5.2
12	Vinyl bromide	106	5.178	5.179	(0.538)	252386	5.00000	5.1
13	Trichlorofluoromethane	101	5.269	5.275	(0.548)	682969	5.00000	5.1
14	Pentane	43	5.403	5.403	(0.562)	434881	5.00000	5.4
15	Ethanol	45	5.724	5.730	(0.595)	196300	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	192523	5.00000	5.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.254	6.259	(0.650)	478075	5.00000	5.0
	18 Acrolein	56	6.216	6.216	(0.646)	106758	5.00000	5.2
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	228752	5.00000	5.0
	20 Acetone	43	6.484	6.489	(0.674)	422110	5.00000	5.4
	21 Carbon disulfide	76	6.730	6.730	(0.700)	746114	5.00000	5.1
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	321946	5.00000	5.3
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	324353	5.00000	5.2
	24 Acetonitrile	41	7.078	7.078	(0.736)	198112	5.00000	5.2
	25 Methylene chloride	49	7.249	7.254	(0.754)	288649	5.00000	5.2
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	475605	5.00000	5.2
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	750109	5.00000	5.1
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	407444	5.00000	5.2
	29 Acrylonitrile	53	7.730	7.730	(0.804)	197279	5.00000	5.2
	30 Hexane	57	7.966	7.966	(0.828)	431741	5.00000	5.2
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	490055	5.00000	5.1
	32 Vinyl acetate	43	8.383	8.388	(0.872)	682110	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				681821	10.0000	10
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	274377	5.00000	5.1
	35 Ethyl acetate	88	9.271	9.271	(0.964)	23567	5.00000	5.0
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	133990	5.00000	5.2
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	472643	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	301671	5.00000	5.2
	39 Chloroform	83	9.694	9.694	(1.008)	558401	5.00000	5.1
	40 Cyclohexane	84	9.956	9.956	(0.904)	378045	5.00000	5.0
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	585330	5.00000	5.1
	42 Carbon tetrachloride	117	10.143	10.148	(0.921)	611713	5.00000	5.0
	43 Isooctane	57	10.432	10.432	(0.948)	1344495	5.00000	5.1
	44 Benzene	78	10.469	10.475	(0.951)	826438	5.00000	5.0
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	396228	5.00000	5.2
	46 n-Heptane	43	10.678	10.678	(0.970)	502371	5.00000	5.1
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2352647	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	156752	5.00000	4.9(a)
	49 Trichloroethene	95	11.373	11.373	(1.033)	370275	5.00000	5.0
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	314647	5.00000	5.1
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	308545	5.00000	5.0
	52 Dibromomethane	174	11.930	11.930	(1.084)	342271	5.00000	4.8
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	125122	5.00000	5.1
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	620283	5.00000	5.1
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	489727	5.00000	5.0
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	635184	5.00000	5.2
	57 n-Octane	43	13.144	13.144	(1.194)	705661	5.00000	5.4
	58 Toluene	92	13.160	13.160	(0.871)	624277	5.00000	4.9
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	519353	5.00000	5.1
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	307742	5.00000	4.9
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	524621	5.00000	4.7
	62 2-Hexanone	43	14.064	14.064	(0.931)	623611	5.00000	5.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	638509	5.00000	4.8
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	575142	5.00000	4.9
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2346886	10.0000	
66	Chlorobenzene	112	15.150	15.150	(1.002)	862730	5.00000	4.8
67	n-Nonane	57	15.247	15.247	(1.009)	690954	5.00000	5.2
68	Ethylbenzene	91	15.225	15.225	(1.007)	1380251	5.00000	4.9
69	Xylene (m,p)	106	15.375	15.375	(1.017)	1121283	10.0000	9.9
M 70	Xylenes, Total	106				1670952	5.00000	15
71	o-Xylene	106	15.883	15.883	(1.051)	549669	5.00000	4.9
72	Styrene	104	15.910	15.910	(1.053)	859103	5.00000	4.9
73	Bromoform	173	16.199	16.199	(1.072)	675972	5.00000	4.9
74	Isopropylbenzene	105	16.300	16.301	(1.079)	1552421	5.00000	4.9
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	828909	5.00000	5.0
77	n-Propylbenzene	91	16.782	16.782	(1.110)	1908794	5.00000	5.1
78	1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	664142	5.00000	5.1
79	n-Decane	57	16.851	16.852	(1.115)	893274	5.00000	5.2
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	1618898	5.00000	4.9
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	1485507	5.00000	5.0
82	1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	1342390	5.00000	4.9
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	704393	5.00000	4.9
84	tert-butylbenzene	119	17.344	17.344	(1.148)	1285604	5.00000	4.9
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	1357357	5.00000	4.9
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	1929902	5.00000	5.0
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	1655193	5.00000	4.9
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	944233	5.00000	4.8
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	940972	5.00000	4.8
90	Benzyl chloride	91	18.087	18.087	(1.197)	1189712	5.00000	5.0
91	Undecane	57	18.221	18.221	(1.206)	1035060	5.00000	5.4
92	n-Butylbenzene	91	18.253	18.253	(1.208)	1538263	5.00000	5.1
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	895655	5.00000	4.8
94	Dodecane	57	19.671	19.671	(1.302)	1002055	5.00000	5.3
95	1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	752648	5.00000	4.7
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	692189	5.00000	4.8
97	Naphthalene	128	21.233	21.233	(1.405)	1617769	5.00000	4.7
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	705639	5.00000	4.8

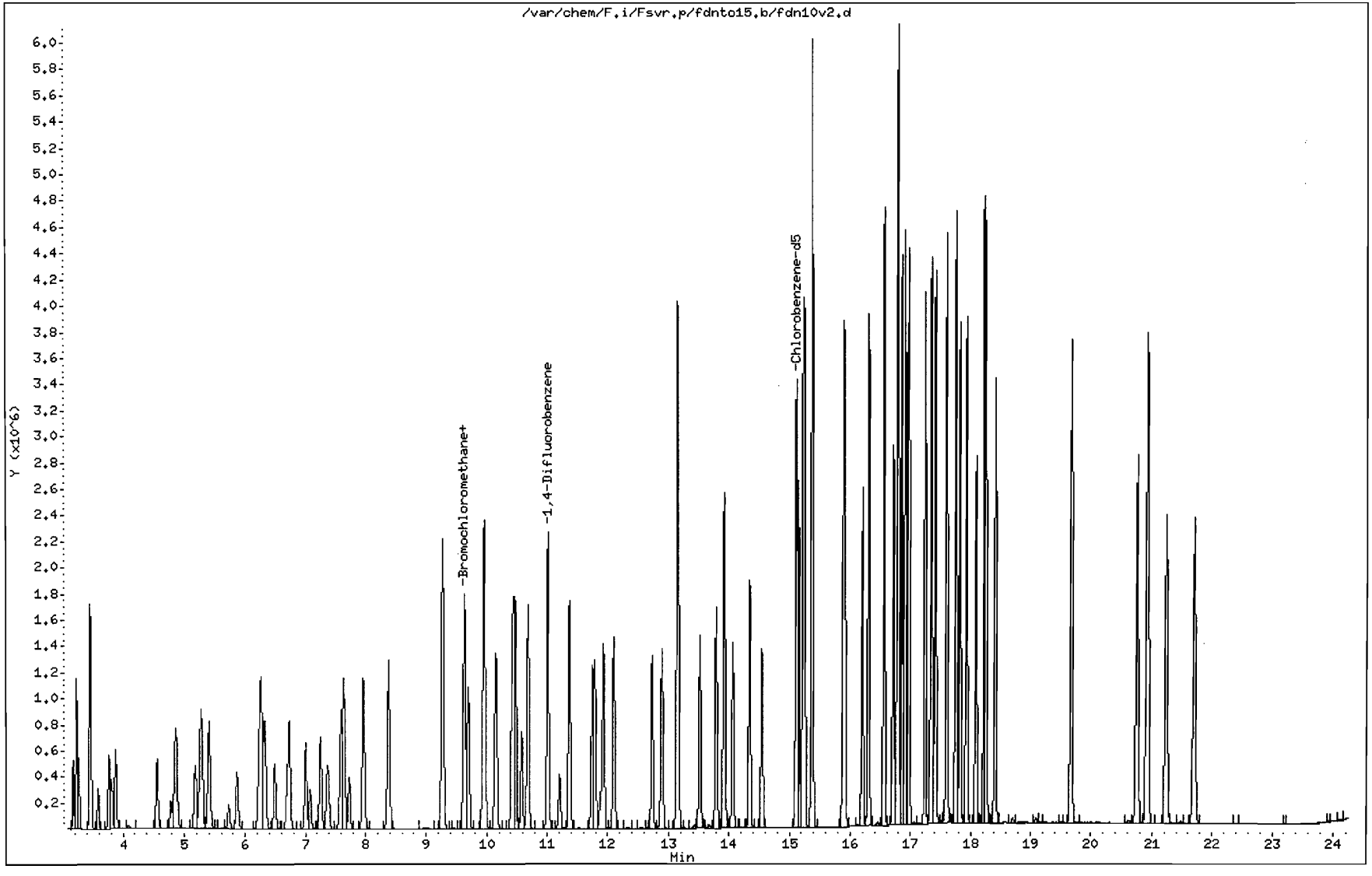
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d
Date : 07-APR-2010 14:37
Client ID: ASTD010
Sample Info: icis 021990
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 07-APR-2010 14:37
Operator : wrd Inst ID: F.i
Smp Info : icis 021990
Misc Info : ASTD010;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 14:37 Cal File: fdn10v2.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	240620	10.0000	11
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1091350	10.0000	11
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	575040	10.0000	11
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1151671	10.0000	11
5	Chloromethane	50	3.584	3.584	(0.373)	339790	10.0000	11
6	Butane	43	3.766	3.766	(0.392)	611086	10.0000	11
7	Vinyl chloride	62	3.809	3.809	(0.396)	443423	10.0000	11
8	Butadiene	54	3.879	3.879	(0.403)	336253	10.0000	10
9	Bromomethane	94	4.563	4.563	(0.474)	482917	10.0000	10
10	Chloroethane	64	4.788	4.788	(0.498)	267989	10.0000	10
11	2-Methylbutane	43	4.868	4.868	(0.506)	575947	10.0000	10
12	Vinyl bromide	106	5.179	5.179	(0.538)	498652	10.0000	9.9
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	1361163	10.0000	10
14	Pentane	43	5.403	5.403	(0.562)	864385	10.0000	11
15	Ethanol	45	5.730	5.730	(0.596)	291208	15.0000	15

		QUANT SIG					AMOUNTS CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppbv)	(ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	382581	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	948630	10.0000	9.9
	18 Acrolein	56	6.216	6.216	(0.646)	213282	10.0000	10
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	450638	10.0000	9.9
	20 Acetone	43	6.489	6.489	(0.675)	874961	10.0000	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1468703	10.0000	10
	22 Isopropyl alcohol	45	6.693	6.693	(0.696)	624296	10.0000	10
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	649832	10.0000	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	396271	10.0000	10
	25 Methylene chloride	49	7.254	7.254	(0.754)	566751	10.0000	10
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	931628	10.0000	10
	27 Methyl tert-butyl ether	73	7.602	7.602	(0.790)	1497963	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	805584	10.0000	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	392167	10.0000	10
	30 Hexane	57	7.966	7.966	(0.828)	841032	10.0000	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	974755	10.0000	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1363151	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1345063	20.0000	20
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	539479	10.0000	9.9
	35 Ethyl acetate	88	9.271	9.271	(0.964)	47006	10.0000	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	264497	10.0000	10
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	474417	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	597858	10.0000	10
	39 Chloroform	83	9.694	9.694	(1.008)	1104155	10.0000	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	746630	10.0000	10
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	1154883	10.0000	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	1224766	10.0000	10
	43 Isooctane	57	10.432	10.432	(0.947)	2655629	10.0000	10
	44 Benzene	78	10.475	10.475	(0.951)	1619131	10.0000	9.8
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	774436	10.0000	10
	46 n-Heptane	43	10.678	10.678	(0.969)	990057	10.0000	10
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2353546	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	308387	10.0000	9.7
	49 Trichloroethene	95	11.373	11.373	(1.033)	737740	10.0000	9.9
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	619430	10.0000	10
	51 Methyl methacrylate	69	11.791	11.791	(1.070)	619884	10.0000	10
	52 Dibromomethane	174	11.930	11.930	(1.083)	691331	10.0000	9.7
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	242636	10.0000	9.9(M)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1244570	10.0000	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	986661	10.0000	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	1269724	10.0000	10
	57 n-Octane	43	13.144	13.144	(1.193)	1370578	10.0000	10
	58 Toluene	92	13.160	13.160	(0.871)	1235144	10.0000	9.8
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1049835	10.0000	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	605232	10.0000	9.7
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	1044696	10.0000	9.5
	62 2-Hexanone	43	14.064	14.064	(0.931)	1249114	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1303471	10.0000	10
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1150516	10.0000	9.8
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2319359	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1719380	10.0000	9.7
	67 n-Nonane	57	15.247	15.247	(1.009)	1346176	10.0000	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2742676	10.0000	9.9
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	2259205	20.0000	20
M	70 Xylenes, Total	106				3370890	10.0000	30
	71 o-Xylene	106	15.883	15.883	(1.051)	1111685	10.0000	10
	72 Styrene	104	15.910	15.910	(1.053)	1744658	10.0000	10
	73 Bromoform	173	16.199	16.199	(1.072)	1405091	10.0000	10
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3117984	10.0000	9.9
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1650741	10.0000	10
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	3807852	10.0000	10
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1319336	10.0000	10
	79 n-Decane	57	16.852	16.852	(1.115)	1751541	10.0000	10
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3258029	10.0000	10
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	2966867	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	2714936	10.0000	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1448201	10.0000	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2590746	10.0000	9.9
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2732382	10.0000	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	3882031	10.0000	10
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3349171	10.0000	10
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	1900807	10.0000	9.7
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	1903453	10.0000	9.8
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2422363	10.0000	10
	91 Undecane	57	18.221	18.221	(1.206)	1990871	10.0000	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3047504	10.0000	10
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1802359	10.0000	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	1928635	10.0000	10
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1505904	10.0000	9.5
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1372890	10.0000	9.6
	97 Naphthalene	128	21.233	21.233	(1.405)	3242066	10.0000	9.6
	98 1,2,3-Trichlorobenzene	180	21.704	21.704	(1.436)	1398488	10.0000	9.6

QC Flag Legend

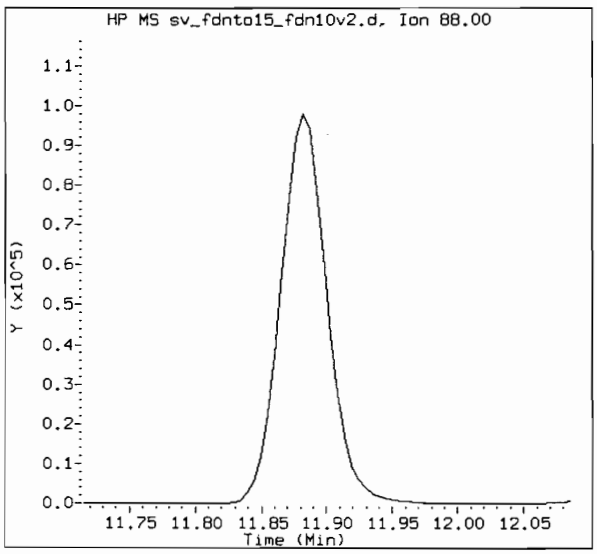
M - Compound response manually integrated.

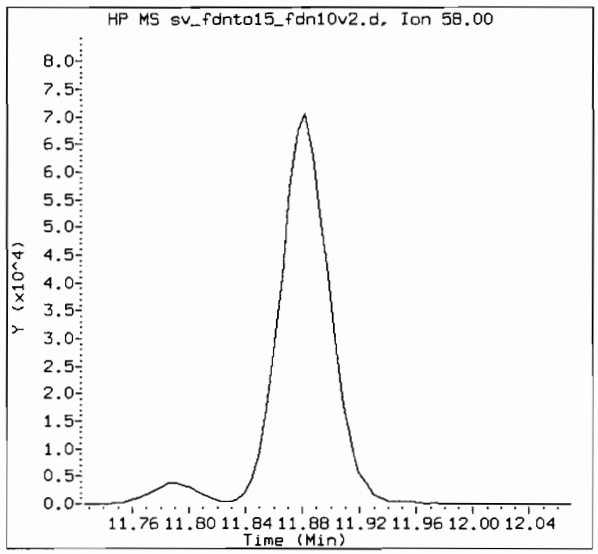
MANUAL INTEGRATION REPORT

Data File Name: fdn10v2.d
Client Sample ID: ASTD010
Compound Name: 1,4-Dioxane

Inj. Date and Time: 07-APR-2010 14:37
Instrument ID: F.i
CAS #: 123-91-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/12/2010 21:34





Original Integrations:

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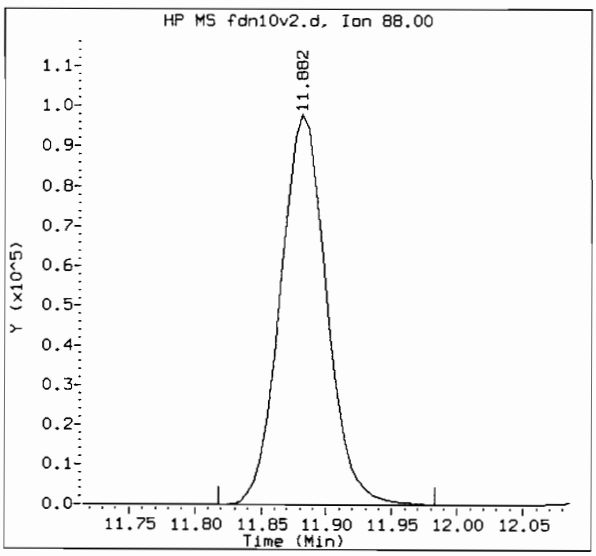
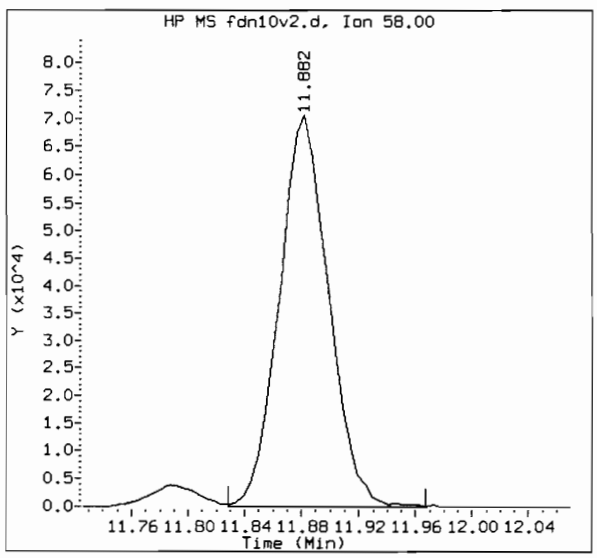
Area = 5815





Final Integrations:

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Manual Integration Reason: MI3 - Mis-identification of peak

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d

Page 4

Date : 07-APR-2010 15:28

Client ID: ASTD015

Instrument: F.i

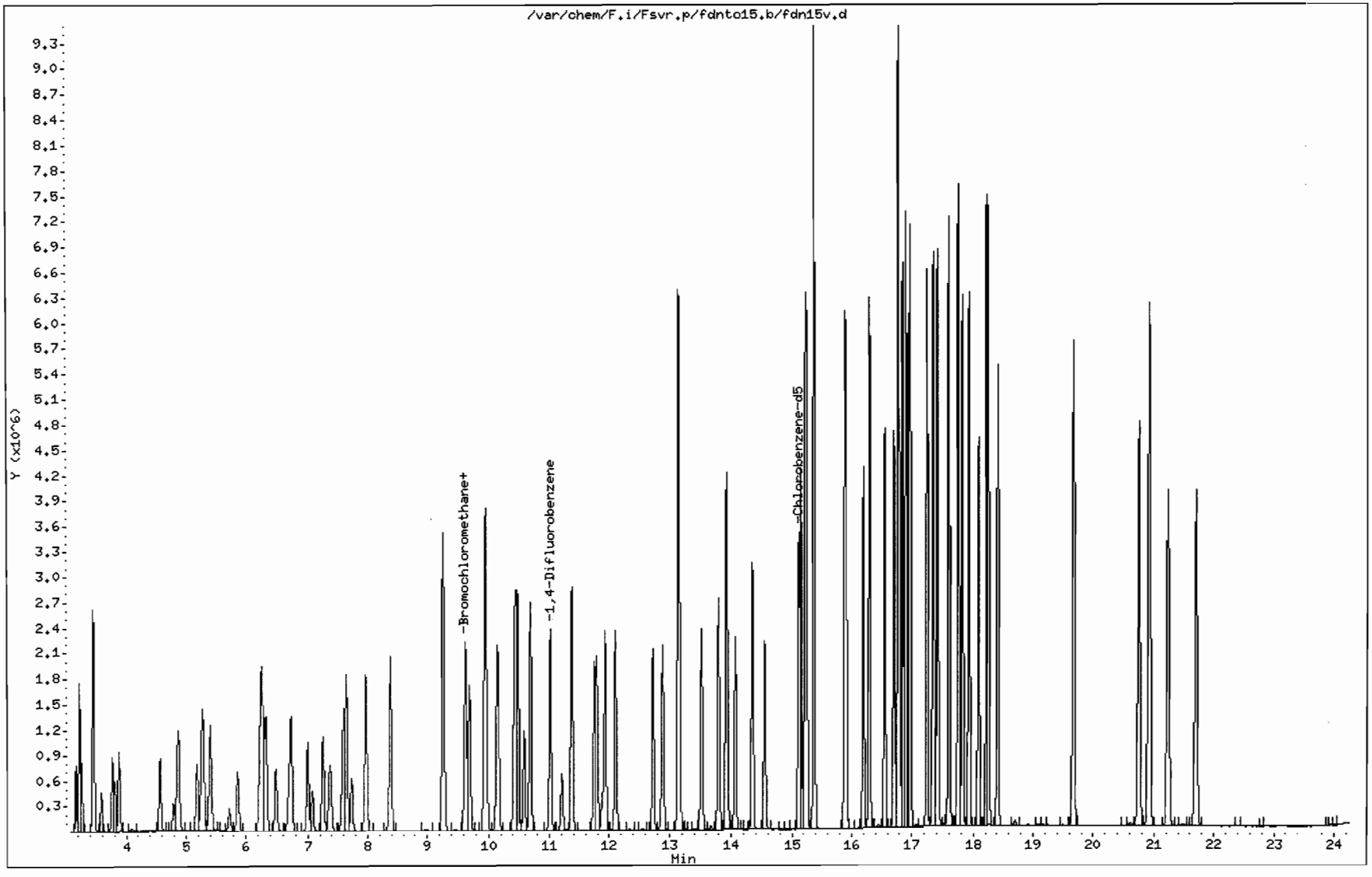
Sample Info: ic 021989

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 07-APR-2010 15:28
Operator : wrd Inst ID: F.i
Smp Info : ic 021989
Misc Info : ASTD015;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 15:28 Cal File: fdn15v.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	361235	15.0000	15
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1658397	15.0000	15
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	865597	15.0000	14
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1749288	15.0000	15
5 Chloromethane	50	3.584	3.584	(0.373)	514703	15.0000	15
6 Butane	43	3.771	3.766	(0.392)	941152	15.0000	15
7 Vinyl chloride	62	3.809	3.809	(0.396)	690668	15.0000	15
8 Butadiene	54	3.878	3.879	(0.403)	523082	15.0000	15
9 Bromomethane	94	4.563	4.563	(0.474)	789696	15.0000	15
10 Chloroethane	64	4.788	4.788	(0.498)	428086	15.0000	15
11 2-Methylbutane	43	4.868	4.868	(0.506)	893758	15.0000	15
12 Vinyl bromide	106	5.178	5.179	(0.538)	825257	15.0000	15
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	2165828	15.0000	15
14 Pentane	43	5.408	5.403	(0.562)	1335402	15.0000	15
15 Ethanol	45	5.724	5.730	(0.595)	428930	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
	16 Ethyl ether	59	5.863	5.863	(0.610)	624770	15.0000	15	
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1580154	15.0000	15	
	18 Acrolein	56	6.216	6.216	(0.646)	348275	15.0000	15	
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	749368	15.0000	15	
	20 Acetone	43	6.484	6.489	(0.674)	1282266	15.0000	15	
	21 Carbon disulfide	76	6.730	6.730	(0.700)	2428387	15.0000	15	
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	1001504	15.0000	15	
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	1030309	15.0000	15	
	24 Acetonitrile	41	7.078	7.078	(0.736)	651530	15.0000	15	
	25 Methylene chloride	49	7.249	7.254	(0.754)	900655	15.0000	15	
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	1522078	15.0000	15	
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	2462865	15.0000	15	
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1300505	15.0000	15	
	29 Acrylonitrile	53	7.730	7.730	(0.804)	633448	15.0000	15	
	30 Hexane	57	7.966	7.966	(0.828)	1369805	15.0000	15	
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	1571718	15.0000	15	
	32 Vinyl acetate	43	8.388	8.388	(0.872)	2189432	15.0000	15	
M	33 1,2-Dichloroethene,Total	61				2200006	30.0000	30	
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	899501	15.0000	15	
	35 Ethyl acetate	88	9.271	9.271	(0.964)	78776	15.0000	15	
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	438543	15.0000	15	(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	521911	10.0000		
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	942646	15.0000	15	
	39 Chloroform	83	9.694	9.694	(1.008)	1801049	15.0000	15	
	40 Cyclohexane	84	9.956	9.956	(0.904)	1234905	15.0000	15	
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1886409	15.0000	15	
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	2019784	15.0000	15	
	43 Isooctane	57	10.432	10.432	(0.947)	4268865	15.0000	15	
	44 Benzene	78	10.469	10.475	(0.950)	2660923	15.0000	15	
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	1234641	15.0000	15	
	46 n-Heptane	43	10.678	10.678	(0.969)	1563566	15.0000	15	
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2534933	10.0000		
	48 n-Butanol	56	11.202	11.208	(1.017)	506776	15.0000	15	
	49 Trichloroethene	95	11.373	11.373	(1.033)	1211661	15.0000	15	
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	1007076	15.0000	15	
	51 Methyl methacrylate	69	11.791	11.791	(1.070)	1018019	15.0000	15	
	52 Dibromomethane	174	11.930	11.930	(1.083)	1172958	15.0000	15	
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	400417	15.0000	15	
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	2025058	15.0000	15	
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	1610977	15.0000	15	
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	2014811	15.0000	15	
	57 n-Octane	43	13.144	13.144	(1.193)	2102484	15.0000	15	
	58 Toluene	92	13.160	13.160	(0.871)	2046030	15.0000	16	
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1700672	15.0000	15	
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	992269	15.0000	15	
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	1773493	15.0000	15	
	62 2-Hexanone	43	14.064	14.064	(0.931)	1981154	15.0000	15	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	2188444	15.0000	16
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1901962	15.0000	16
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2431336	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	2839677	15.0000	15
	67 n-Nonane	57	15.247	15.247	(1.009)	2091135	15.0000	15
	68 Ethylbenzene	91	15.225	15.225	(1.007)	4451279	15.0000	15
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	3691522	30.0000	31
M	70 Xylenes, Total	106				5511262	15.0000	48
	71 o-Xylene	106	15.883	15.883	(1.051)	1819740	15.0000	16
	72 Styrene	104	15.910	15.910	(1.053)	2887048	15.0000	16
	73 Bromoform	173	16.199	16.199	(1.072)	2393201	15.0000	17
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	5100328	15.0000	15
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	2658458	15.0000	15
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	6084095	15.0000	16
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2083368	15.0000	16
	79 n-Decane	57	16.851	16.852	(1.115)	2732828	15.0000	15
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	5324368	15.0000	16
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	4774393	15.0000	15
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	4425084	15.0000	16
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	2402287	15.0000	16
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	4257116	15.0000	16
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	4463371	15.0000	16
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	6321904	15.0000	16
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	5527756	15.0000	16
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	3195164	15.0000	16
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	3197633	15.0000	16
	90 Benzyl chloride	91	18.087	18.087	(1.197)	4001884	15.0000	16
	91 Undecane	57	18.221	18.221	(1.206)	3074378	15.0000	16
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	4910757	15.0000	16
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	3001534	15.0000	16
	94 Dodecane	57	19.671	19.671	(1.302)	3013903	15.0000	15
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	2624964	15.0000	16
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	2342548	15.0000	16
	97 Naphthalene	128	21.233	21.233	(1.405)	5572421	15.0000	16
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	2400255	15.0000	16

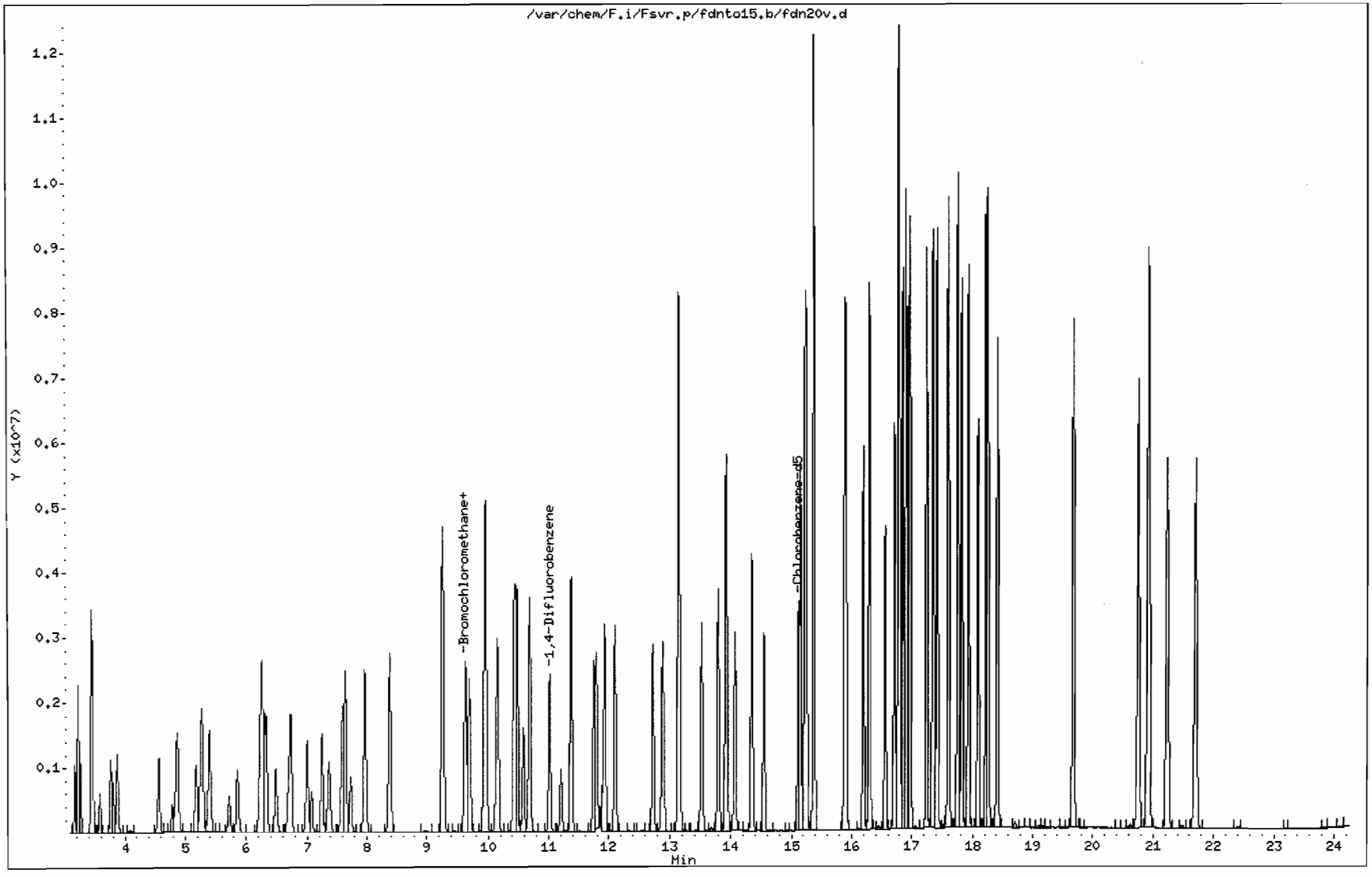
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Date : 07-APR-2010 16:19
Client ID: ASTD020
Sample Info: ic 021985
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 07-APR-2010 16:19
Operator : wrd Inst ID: F.i
Smp Info : ic 021985
Misc Info : ASTD020;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 16:19 Cal File: fdn20v.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.162	3.167	(0.329)	476131	20.0000	19
2 Dichlorodifluoromethane	85	3.220	3.226	(0.335)	2177025	20.0000	19
3 Chlorodifluoromethane	51	3.258	3.263	(0.339)	1138844	20.0000	18
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	2284277	20.0000	19
5 Chloromethane	50	3.579	3.584	(0.372)	673334	20.0000	18
6 Butane	43	3.766	3.766	(0.392)	1199507	20.0000	18
7 Vinyl chloride	62	3.803	3.809	(0.395)	895058	20.0000	19
8 Butadiene	54	3.873	3.879	(0.403)	677621	20.0000	18
9 Bromomethane	94	4.558	4.563	(0.474)	1058955	20.0000	19
10 Chloroethane	64	4.782	4.788	(0.497)	562293	20.0000	19
11 2-Methylbutane	43	4.863	4.868	(0.506)	1145389	20.0000	18
12 Vinyl bromide	106	5.173	5.179	(0.538)	1111623	20.0000	20
13 Trichlorofluoromethane	101	5.269	5.275	(0.548)	2894054	20.0000	19
14 Pentane	43	5.398	5.403	(0.561)	1698195	20.0000	18
15 Ethanol	45	5.724	5.730	(0.595)	886257	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)	
	16 Ethyl ether	59	5.858	5.863	(0.609)	848425	20.0000	20	
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	2149092	20.0000	20	
	18 Acrolein	56	6.216	6.216	(0.646)	468687	20.0000	20	
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	1032543	20.0000	20	
	20 Acetone	43	6.484	6.489	(0.674)	1709195	20.0000	19	
	21 Carbon disulfide	76	6.730	6.730	(0.700)	3275579	20.0000	20	
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	1356455	20.0000	20	
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	1389802	20.0000	20	
	24 Acetonitrile	41	7.077	7.078	(0.736)	855843	20.0000	20	
	25 Methylene chloride	49	7.249	7.254	(0.754)	1205317	20.0000	19	
	26 2-Methyl-2-propanol	59	7.366	7.372	(0.766)	2072328	20.0000	20	
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	3344174	20.0000	20	
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1753358	20.0000	20	
	29 Acrylonitrile	53	7.730	7.730	(0.804)	854100	20.0000	20	
	30 Hexane	57	7.966	7.966	(0.828)	1849541	20.0000	19	
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	2116897	20.0000	20	
	32 Vinyl acetate	43	8.388	8.388	(0.872)	2911727	20.0000	20	
M	33 1,2-Dichloroethene,Total	61				2977303	40.0000	39	
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	1223945	20.0000	20	
	35 Ethyl acetate	88	9.271	9.271	(0.964)	107337	20.0000	20	
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	591167	20.0000	20	(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	537032	10.0000		
	38 Tetrahydrofuran	42	9.635	9.640	(0.875)	1257158	20.0000	20	
	39 Chloroform	83	9.693	9.694	(1.008)	2427216	20.0000	20	
	40 Cyclohexane	84	9.956	9.956	(0.904)	1675115	20.0000	20	
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	2549134	20.0000	20	
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	2752690	20.0000	20	
	43 Isooctane	57	10.432	10.432	(0.948)	5737620	20.0000	20	
	44 Benzene	78	10.469	10.475	(0.951)	3595600	20.0000	20	
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	1662109	20.0000	20	
	46 n-Heptane	43	10.678	10.678	(0.970)	2086422	20.0000	19	
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2588644	10.0000		
	48 n-Butanol	56	11.202	11.208	(1.017)	711880	20.0000	20	
	49 Trichloroethene	95	11.373	11.373	(1.033)	1648629	20.0000	20	
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	1352103	20.0000	20	
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	1377664	20.0000	20	
	52 Dibromomethane	174	11.930	11.930	(1.084)	1625567	20.0000	21	
	53 1,4-Dioxane	88	11.876	11.882	(1.079)	540562	20.0000	20	
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	2736009	20.0000	20	
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	2175444	20.0000	20	
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	2683571	20.0000	20	
	57 n-Octane	43	13.144	13.144	(1.194)	2729726	20.0000	19	
	58 Toluene	92	13.160	13.160	(0.871)	2740702	20.0000	21	
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	2323489	20.0000	21	
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	1345960	20.0000	21	
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	2455269	20.0000	21	
	62 2-Hexanone	43	14.064	14.064	(0.931)	2644085	20.0000	21	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	3004728	20.0000	22
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	2598980	20.0000	21
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2432561	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	3872480	20.0000	21
	67 n-Nonane	57	15.246	15.247	(1.009)	2724462	20.0000	20
	68 Ethylbenzene	91	15.225	15.225	(1.007)	5956621	20.0000	21
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	4942236	40.0000	42
M	70 Xylenes, Total	106				7396356	20.0000	64
	71 o-Xylene	106	15.883	15.883	(1.051)	2454120	20.0000	21
	72 Styrene	104	15.910	15.910	(1.053)	3911424	20.0000	22
	73 Bromoform	173	16.199	16.199	(1.072)	3323044	20.0000	23
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	6925349	20.0000	21
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	3574383	20.0000	21
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	8052835	20.0000	21
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2741721	20.0000	20
	79 n-Decane	57	16.851	16.852	(1.115)	3605118	20.0000	20
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	7221362	20.0000	21
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	6401434	20.0000	21
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	6001660	20.0000	21
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	3317835	20.0000	22
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	5809913	20.0000	21
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	6074357	20.0000	21
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	8554520	20.0000	21
	87 4-Isopropyltoluene	119	17.755	17.750	(1.175)	7529457	20.0000	22
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	4411702	20.0000	22
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	4432622	20.0000	22
	90 Benzyl chloride	91	18.087	18.087	(1.197)	5484366	20.0000	22
	91 Undecane	57	18.221	18.221	(1.206)	4031841	20.0000	20
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	6596316	20.0000	21
	93 1,2-Dichlorobenzene	146	18.413	18.414	(1.218)	4171857	20.0000	22
	94 Dodecane	57	19.671	19.671	(1.302)	4166547	20.0000	21
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	3780922	20.0000	23
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	3371844	20.0000	22
	97 Naphthalene	128	21.233	21.233	(1.405)	7960253	20.0000	22
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	3481117	20.0000	23

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d

Page 4

Date : 07-APR-2010 17:09

Client ID: ASTD040

Instrument: F.i

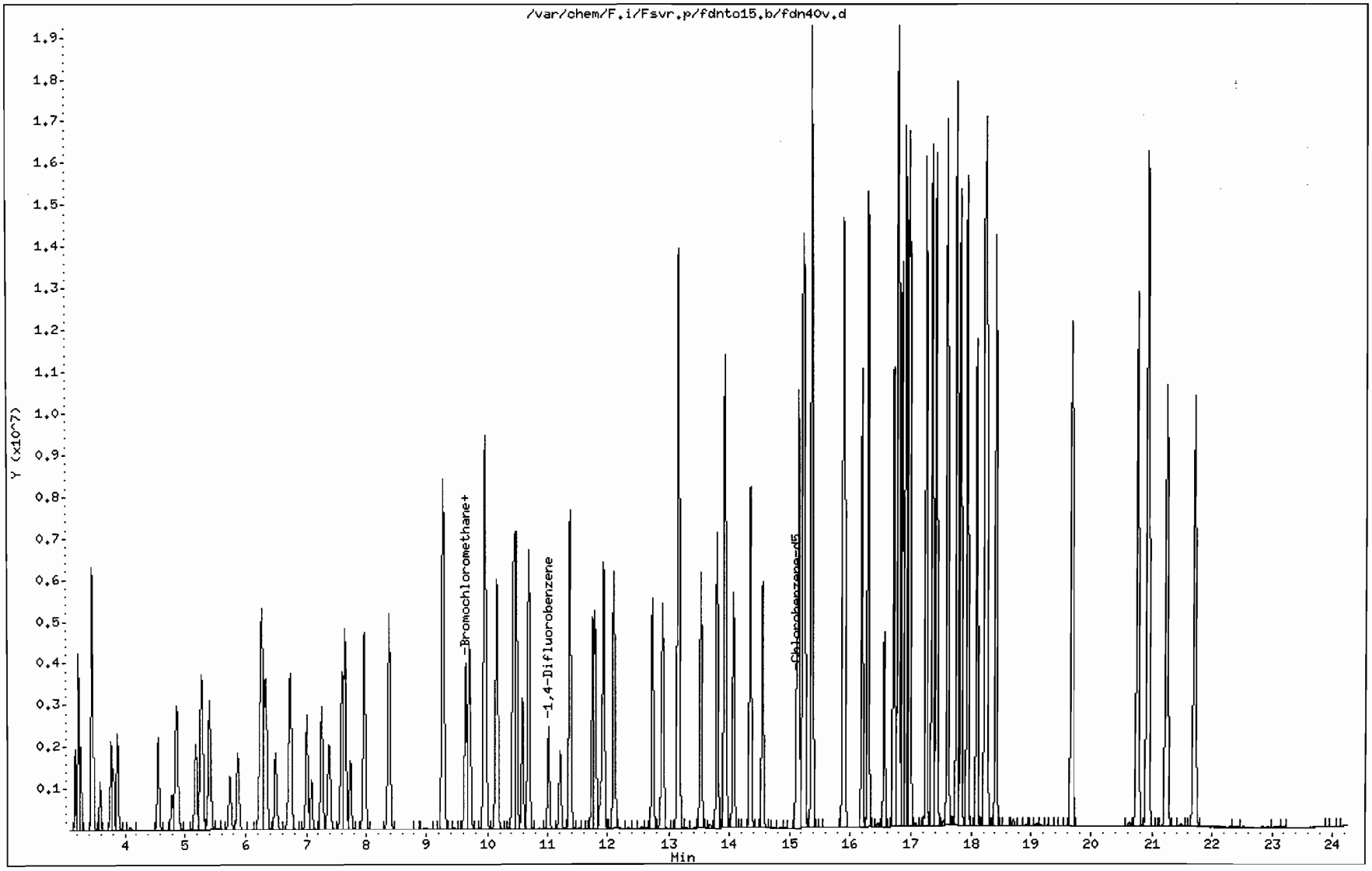
Sample Info: ic 021958

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 07-APR-2010 17:09
Operator : wrd Inst ID: F.i
Smp Info : ic 021958
Misc Info : ASTD040;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	904747	40.0000	34
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	4110440	40.0000	34
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	2163372	40.0000	34
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	4227578	40.0000	33
5	Chloromethane	50	3.584	3.584	(0.372)	1305208	40.0000	34
6	Butane	43	3.772	3.766	(0.392)	2322666	40.0000	34
7	Vinyl chloride	62	3.809	3.809	(0.396)	1758485	40.0000	35
8	Butadiene	54	3.879	3.879	(0.403)	1335317	40.0000	35
9	Bromomethane	94	4.563	4.563	(0.474)	2083246	40.0000	36
10	Chloroethane	64	4.793	4.788	(0.498)	1123766	40.0000	37
11	2-Methylbutane	43	4.868	4.868	(0.506)	2281094	40.0000	35
12	Vinyl bromide	106	5.184	5.179	(0.539)	2214173	40.0000	37
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	5718122	40.0000	36
14	Pentane	43	5.409	5.403	(0.562)	3399354	40.0000	35
15	Ethanol	45	5.735	5.730	(0.596)	2195665	100.000	95

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.609)	1664050	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.650)	4309459	40.0000	38
	18 Acrolein	56	6.216	6.216	(0.646)	913673	40.0000	37
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	2066948	40.0000	38
	20 Acetone	43	6.489	6.489	(0.674)	3273240	40.0000	35
	21 Carbon disulfide	76	6.735	6.730	(0.700)	6490571	40.0000	38
	22 Isopropyl alcohol	45	6.703	6.693	(0.696)	2601631	40.0000	36
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	2713009	40.0000	37
	24 Acetonitrile	41	7.083	7.078	(0.736)	1659384	40.0000	37
	25 Methylene chloride	49	7.254	7.254	(0.754)	2347803	40.0000	35
	26 2-Methyl-2-propanol	59	7.377	7.372	(0.767)	4063835	40.0000	38
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.789)	6641655	40.0000	38
	28 trans-1,2-Dichloroethene	61	7.650	7.645	(0.795)	3417481	40.0000	37
	29 Acrylonitrile	53	7.736	7.730	(0.804)	1679146	40.0000	38
	30 Hexane	57	7.971	7.966	(0.828)	3567642	40.0000	36
	31 1,1-Dichloroethane	63	8.378	8.372	(0.870)	4115655	40.0000	37
	32 Vinyl acetate	43	8.394	8.388	(0.872)	5560478	40.0000	36
M	33 1,2-Dichloroethene,Total	61				5833151	80.0000	74
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.962)	2415670	40.0000	38
	35 Ethyl acetate	88	9.276	9.271	(0.964)	212297	40.0000	38
	36 2-Butanone(MEK)	72	9.266	9.260	(0.963)	1114613	40.0000	36(Q)
*	37 Bromochloromethane	128	9.624	9.619	(1.000)	559323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	2408261	40.0000	37
	39 Chloroform	83	9.699	9.694	(1.008)	4808470	40.0000	37
	40 Cyclohexane	84	9.956	9.956	(0.904)	3279964	40.0000	39
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	5022856	40.0000	39
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	5553161	40.0000	41(A)
	43 Isooctane	57	10.432	10.432	(0.947)	10848582	40.0000	37
	44 Benzene	78	10.475	10.475	(0.951)	7023898	40.0000	38
	45 1,2-Dichloroethane	62	10.576	10.571	(0.960)	3270399	40.0000	38
	46 n-Heptane	43	10.683	10.678	(0.970)	3908105	40.0000	36
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2617478	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	1483077	40.0000	42(A)
	49 Trichloroethene	95	11.374	11.373	(1.033)	3255758	40.0000	39
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	2625479	40.0000	38
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	2701090	40.0000	40
	52 Dibromomethane	174	11.930	11.930	(1.083)	3353385	40.0000	42(A)
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	1039828	40.0000	38
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	5401760	40.0000	40
	55 cis-1,3-Dichloropropene	75	12.732	12.727	(1.156)	4304364	40.0000	40
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.170)	5062934	40.0000	37
	57 n-Octane	43	13.144	13.144	(1.193)	4641650	40.0000	32
	58 Toluene	92	13.160	13.160	(0.871)	5057702	40.0000	38
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	4570105	40.0000	40(A)
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	2632924	40.0000	40
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	5021679	40.0000	43(A)
	62 2-Hexanone	43	14.064	14.064	(0.931)	4980642	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.348	14.343	(0.949)	6060180	40.0000	43 (A)
	64 Ethylene Dibromide	107	14.551	14.546	(0.963)	5127664	40.0000	41 (A)
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2482119	10.0000	
	66 Chlorobenzene	112	15.156	15.150	(1.003)	7676263	40.0000	41 (A)
	67 n-Nonane	57	15.252	15.247	(1.009)	4635956	40.0000	33
	68 Ethylbenzene	91	15.225	15.225	(1.007)	10888115	40.0000	37
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	8674179	80.0000	72
M	70 Xylenes, Total	106				13319851	40.0000	110
	71 o-Xylene	106	15.889	15.883	(1.051)	4645672	40.0000	39
	72 Styrene	104	15.910	15.910	(1.053)	7370565	40.0000	40
	73 Bromoform	173	16.199	16.199	(1.072)	6578548	40.0000	45 (A)
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	13098853	40.0000	39
	76 1,1,2,2-Tetrachloroethane	83	16.713	16.707	(1.106)	6611291	40.0000	38
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	13682174	40.0000	34
	78 1,2,3-Trichloropropane	75	16.798	16.793	(1.111)	4672380	40.0000	34
	79 n-Decane	57	16.852	16.852	(1.115)	6115704	40.0000	34
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	13453605	40.0000	38
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	11808266	40.0000	37
	82 1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	11130226	40.0000	39
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	6464250	40.0000	42 (A)
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	11143216	40.0000	40
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	11443746	40.0000	39
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	15783515	40.0000	38
	87 4-Isopropyltoluene	119	17.756	17.750	(1.175)	14087614	40.0000	39
	88 1,3-Dichlorobenzene	146	17.825	17.820	(1.179)	8775403	40.0000	42 (A)
	89 1,4-Dichlorobenzene	146	17.938	17.932	(1.187)	8771340	40.0000	42 (A)
	90 Benzyl chloride	91	18.087	18.087	(1.197)	10660350	40.0000	42 (A)
	91 Undecane	57	18.227	18.221	(1.206)	6492917	40.0000	32
	92 n-Butylbenzene	91	18.259	18.253	(1.208)	11651574	40.0000	36
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	8308515	40.0000	42 (A)
	94 Dodecane	57	19.671	19.671	(1.302)	6732921	40.0000	34
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	7494777	40.0000	44 (A)
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	6581203	40.0000	43 (A)
	97 Naphthalene	128	21.233	21.233	(1.405)	15214475	40.0000	42 (A)
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	6602532	40.0000	42 (A)

QC Flag Legend

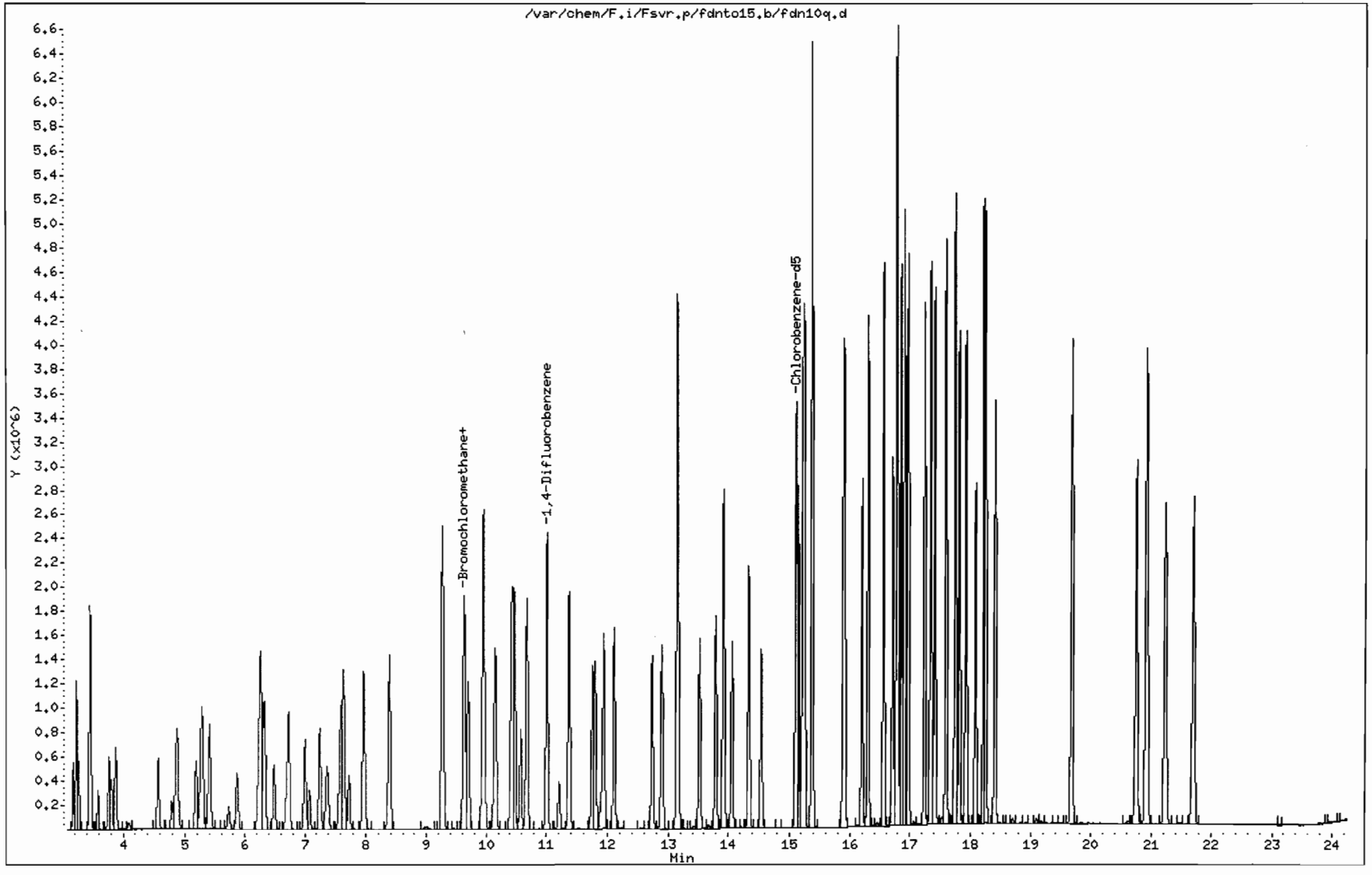
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Date : 07-APR-2010 18:50
Client ID: FA040710ICV
Sample Info: icv 21407
Purge Volume: 200.0
Column phase: RTX-624

Page 7

Instrument: F.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Inj Date : 07-APR-2010 18:50
Operator : wrd Inst ID: F.i
Smp Info : icv 21407
Misc Info : ICV;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	248586	9.79100	9.8
2 Dichlorodifluoromethane	85	3.231	3.226	(0.336)	1165594	10.0951	10
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	596369	9.71338	9.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1233160	10.0374	10
5 Chloromethane	50	3.584	3.584	(0.373)	358619	9.85120	9.9
6 Butane	43	3.772	3.766	(0.392)	640229	9.80295	9.8
7 Vinyl chloride	62	3.809	3.809	(0.396)	488070	10.2624	10
8 Butadiene	54	3.879	3.879	(0.403)	380216	10.3414	10
9 Bromomethane	94	4.563	4.563	(0.474)	543092	9.93933	9.9
10 Chloroethane	64	4.788	4.788	(0.498)	295055	10.0219	10
11 2-Methylbutane	43	4.868	4.868	(0.506)	618955	9.82875	9.8
12 Vinyl bromide	106	5.179	5.179	(0.538)	590214	10.4370	10
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	1518045	10.1039	10
14 Pentane	43	5.403	5.403	(0.562)	919478	10.0017	10
15 Ethanol	45	5.730	5.730	(0.596)	286639	13.0102	13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	417836	9.74998	9.7
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1199913	11.1330	11
	18 Acrolein	56	6.222	6.216	(0.647)	194739	8.30189	8.3
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	582602	11.2919	11
	20 Acetone	43	6.489	6.489	(0.675)	947461	10.6328	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1737777	10.5761	11
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	647193	9.46986	9.5
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	720329	10.2518	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	438938	10.1370	10
	25 Methylene chloride	49	7.249	7.254	(0.754)	676057	10.6522	11
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	997069	9.63424	9.6
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.790)	1730652	10.3130	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	912167	10.2067	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	443079	10.3560	10
	30 Hexane	57	7.966	7.966	(0.828)	959063	10.1310	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	1104128	10.2343	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1488130	10.1067	10
M	33 1,2-Dichloroethene,Total	61				1556943	20.7242	21
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	644776	10.5176	11
	35 Ethyl acetate	88	9.271	9.271	(0.964)	53877	10.1813	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	308537	10.4877	10(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	535323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	647954	10.0914	10
	39 Chloroform	83	9.694	9.694	(1.008)	1252128	10.1244	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	859643	10.3494	10
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1297129	10.1014	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	1378723	10.1512	10
	43 Isooctane	57	10.432	10.432	(0.948)	3004130	10.2870	10
	44 Benzene	78	10.469	10.475	(0.951)	1848759	10.0936	10
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	856907	10.0663	10
	46 n-Heptane	43	10.678	10.678	(0.970)	1096461	10.0565	10
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2607499	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	299013	8.47284	8.5
	49 Trichloroethene	95	11.373	11.373	(1.033)	829844	10.0668	10
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	681459	9.93326	9.9
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	680610	10.0111	10
	52 Dibromomethane	174	11.930	11.930	(1.084)	800264	10.0884	10
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	238947	8.83699	8.8
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1416105	10.4554	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	1072577	9.95026	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	1392227	10.2788	10
	57 n-Octane	43	13.144	13.144	(1.194)	1480606	10.1643	10
	58 Toluene	92	13.155	13.160	(0.870)	1374636	10.3630	10
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	1129455	9.98630	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	637643	9.71977	9.7
	61 Tetrachloroethene	166	13.920	13.925	(0.921)	1165126	10.0707	10
	62 2-Hexanone	43	14.064	14.064	(0.931)	1344599	10.4549	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1500313	10.9001	11
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1248222	10.1146	10
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2446135	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1867970	10.0098	10
	67 n-Nonane	57	15.247	15.247	(1.009)	1454545	10.4410	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2993086	10.2866	10
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	2445906	20.6801	21
M	70 Xylenes, Total	106				3634330	31.1547	31
	71 o-Xylene	106	15.883	15.883	(1.051)	1188424	10.1876	10
	72 Styrene	104	15.910	15.910	(1.053)	1870455	10.2353	10
	73 Bromoform	173	16.199	16.199	(1.072)	1602107	11.0946	11
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3451365	10.4169	10
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1734505	10.0217	10
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	4169630	10.6310	11
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1432857	10.6313	11
	79 n-Decane	57	16.852	16.852	(1.115)	1883991	10.5721	11
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3651339	10.5964	11
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	3282394	10.5308	11
	82 1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	2906024	10.2145	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1572115	10.4576	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2887795	10.5112	11
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2897843	10.0606	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	4283502	10.5465	11
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3737005	10.6209	11
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	2053586	9.98228	10
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	2054690	10.0262	10
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2463743	9.93943	9.9
	91 Undecane	57	18.221	18.221	(1.206)	2147572	10.7959	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3346134	10.5963	11
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1902048	9.81496	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	2081978	10.5170	11
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1646531	9.81356	9.8
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1471737	9.74844	9.7
	97 Naphthalene	128	21.233	21.233	(1.405)	3692345	10.3530	10
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	1626641	10.5633	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: fdnto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Level: LOW Operator: wrd
Data Type: MS DATA SampleType: METHSPIKE
SpikeList File: all.spk Quant Type: ISTD
Sublist File: full.sub
Method File: /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Misc Info: ICV;040710FA;1;200

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1	Propene	10	9.8	97.91	70-130
2	Dichlorodifluorome	10	10	100.95	70-130
3	Chlorodifluorometh	10	9.7	97.13	70-130
4	1,2-Dichloro-1,1,2	10	10	100.37	70-130
5	Chloromethane	10	9.9	98.51	70-130
6	Butane	10	9.8	98.03	70-130
7	Vinyl chloride	10	10	102.62	70-130
8	Butadiene	10	10	103.41	70-130
9	Bromomethane	10	9.9	99.39	70-130
10	Chloroethane	10	10	100.22	70-130
11	2-Methylbutane	10	9.8	98.29	70-130
12	Vinyl bromide	10	10	104.37	70-130
13	Trichlorofluoromet	10	10	101.04	70-130
14	Pentane	10	10	100.02	70-130
15	Ethanol	15	13	86.73	70-130
16	Ethyl ether	10	9.7	97.50	70-130
18	Acrolein	10	8.3	83.02	70-130
17	1,1,2-Trichloro-1,	10	11	111.33	70-130
19	1,1-Dichloroethene	10	11	112.92	70-130
20	Acetone	10	11	106.33	70-130
22	Isopropyl alcohol	10	9.5	94.70	70-130
21	Carbon disulfide	10	11	105.76	70-130
23	3-Chloro-1-propene	10	10	102.52	70-130
24	Acetonitrile	10	10	101.37	70-130
25	Methylene chloride	10	11	106.52	70-130
26	2-Methyl-2-propano	10	9.6	96.34	70-130
27	Methyl tert-butyl	10	10	103.13	70-130
28	trans-1,2-Dichloro	10	10	102.07	70-130
29	Acrylonitrile	10	10	103.56	70-130
30	Hexane	10	10	101.31	70-130
32	Vinyl acetate	10	10	101.07	70-130
31	1,1-Dichloroethane	10	10	102.34	70-130
36	2-Butanone(MEK)	10	10	104.88	70-130

	SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35	Ethyl acetate	10	10	101.81	70-130
	34	cis-1,2-Dichloroet	10	11	105.18	70-130
M	33	1,2-Dichloroethene	20	21	105.00	70-130
	39	Chloroform	10	10	101.24	70-130
	38	Tetrahydrofuran	10	10	100.91	70-130
	41	1,1,1-Trichloroeth	10	10	101.01	70-130
	40	Cyclohexane	10	10	103.49	70-130
	42	Carbon tetrachlori	10	10	101.51	70-130
	43	Isooctane	10	10	102.87	70-130
	44	Benzene	10	10	100.94	70-130
	45	1,2-Dichloroethane	10	10	100.66	70-130
	46	n-Heptane	10	10	100.57	70-130
	48	n-Butanol	10	8.5	84.73	70-130
	49	Trichloroethene	10	10	100.67	70-130
	51	Methyl methacrylat	10	10	100.11	70-130
	50	1,2-Dichloropropan	10	9.9	99.33	70-130
	53	1,4-Dioxane	10	8.8	88.37	70-130
	52	Dibromomethane	10	10	100.88	70-130
	54	Dichlorobromometha	10	10	104.55	70-130
	55	cis-1,3-Dichloropr	10	10	99.50	70-130
	56	4-Methyl-2-pentano	10	10	102.79	70-130
	57	n-Octane	10	10	101.64	70-130
	58	Toluene	10	10	103.63	70-130
	59	trans-1,3-Dichloro	10	10	99.86	70-130
	60	1,1,2-Trichloroeth	10	9.7	97.20	70-130
	61	Tetrachloroethene	10	10	100.71	70-130
	62	2-Hexanone	10	10	104.55	70-130
	63	Chlorodibromometha	10	11	109.00	70-130
	64	Ethylene Dibromide	10	10	101.15	70-130
	67	n-Nonane	10	10	104.41	70-130
	66	Chlorobenzene	10	10	100.10	70-130
	68	Ethylbenzene	10	10	102.87	70-130
	69	Xylene (m,p)	20	21	103.40	70-130
	71	o-Xylene	10	10	101.88	70-130
M	70	Xylenes, Total	30	31	103.85	70-130
	72	Styrene	10	10	102.35	70-130
	73	Bromoform	10	11	110.95	70-130
	74	Isopropylbenzene	10	10	104.17	70-130
	76	1,1,2,2-Tetrachlor	10	10	100.22	70-130
	79	n-Decane	10	11	105.72	70-130
	77	n-Propylbenzene	10	11	106.31	70-130
	78	1,2,3-Trichloropro	10	11	106.31	70-130
	80	4-Ethyltoluene	10	11	105.96	70-130
	82	1,3,5-Trimethylben	10	10	102.14	70-130
	81	2-Chlorotoluene	10	11	105.31	70-130
	83	Alpha Methyl Styre	10	10	104.58	70-130
	84	tert-butylbenzene	10	11	105.11	70-130

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
85 1,2,4-Trimethylben	10	10	100.61	70-130
86 sec-Butylbenzene	10	11	105.47	70-130
87 4-Isopropyltoluene	10	11	106.21	70-130
88 1,3-Dichlorobenzen	10	10	99.82	70-130
89 1,4-Dichlorobenzen	10	10	100.26	70-130
91 Undecane	10	11	107.96	70-130
90 Benzyl chloride	10	9.9	99.39	70-130
92 n-Butylbenzene	10	11	105.96	70-130
93 1,2-Dichlorobenzen	10	9.8	98.15	70-130
94 Dodecane	10	11	105.17	70-130
95 1,2,4-Trichloroben	10	9.8	98.14	70-130
96 Hexachlorobutadien	10	9.7	97.48	70-130
97 Naphthalene	10	10	103.53	70-130
98 1,2,3-Trichloroben	10	11	105.63	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date: 06/03/10 Time: 1030

Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.257	0.01	4.6	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.243	0.01	2.3	30.0
Chloromethane	0.680	0.528	0.01	22.4	30.0
Vinyl Chloride	0.888	0.732	0.01	17.6	30.0
1,3-Butadiene	0.687	0.548	0.01	20.2	30.0
Bromomethane	1.021	1.014	0.01	0.7	30.0
Chloroethane	0.550	0.464	0.01	15.6	30.0
Bromoethene	1.056	1.057	0.01	0.1	30.0
Trichlorofluoromethane	2.806	3.013	0.01	7.4	30.0
Freon TF	2.013	2.064	0.01	2.5	30.0
1,1-Dichloroethene	0.964	0.965	0.01	0.1	30.0
Acetone	1.664	1.527	0.01	8.2	30.0
Isopropyl Alcohol	1.277	1.045	0.01	18.2	30.0
Carbon disulfide	3.069	2.992	0.01	2.5	30.0
3-Chloropropene	1.312	1.069	0.01	18.5	30.0
Methylene chloride	1.185	0.982	0.01	17.1	30.0
tert-Butyl Alcohol	1.933	1.759	0.01	9.0	30.0
Methyl tert-Butyl Ether	3.135	3.003	0.01	4.2	30.0
trans-1,2-Dichloroethene	1.669	1.502	0.01	10.0	30.0
n-Hexane	1.768	1.488	0.01	15.8	30.0
1,1-Dichloroethane	2.015	1.817	0.1	9.8	30.0
Methyl Ethyl Ketone	0.550	0.493	0.01	10.4	30.0
cis-1,2-Dichloroethene	1.145	1.104	0.01	3.6	30.0
1,2-Dichloroethene,Total	1.407	1.303	0.01	7.4	30.0
Chloroform	2.310	2.339	0.01	1.2	30.0
Tetrahydrofuran	0.246	0.194	0.01	21.1	30.0
1,1,1-Trichloroethane	0.492	0.531	0.01	7.9	30.0
Cyclohexane	0.318	0.294	0.01	7.5	30.0
Carbon tetrachloride	0.521	0.573	0.01	10.0	30.0
2,2,4-Trimethylpentane	1.120	0.952	0.01	15.0	30.0
Benzene	0.702	0.651	0.01	7.3	30.0
1,2-Dichloroethane	0.326	0.313	0.01	4.0	30.0
n-Heptane	0.418	0.329	0.01	21.3	30.0
Trichloroethene	0.316	0.313	0.01	0.9	30.0
1,2-Dichloropropane	0.263	0.229	0.01	12.9	30.0
1,4-Dioxane	0.103	0.095	0.01	7.8	30.0
Bromodichloromethane	0.519	0.534	0.01	2.9	30.0

FORM VII VOA

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date: 06/03/10 Time: 1030

Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

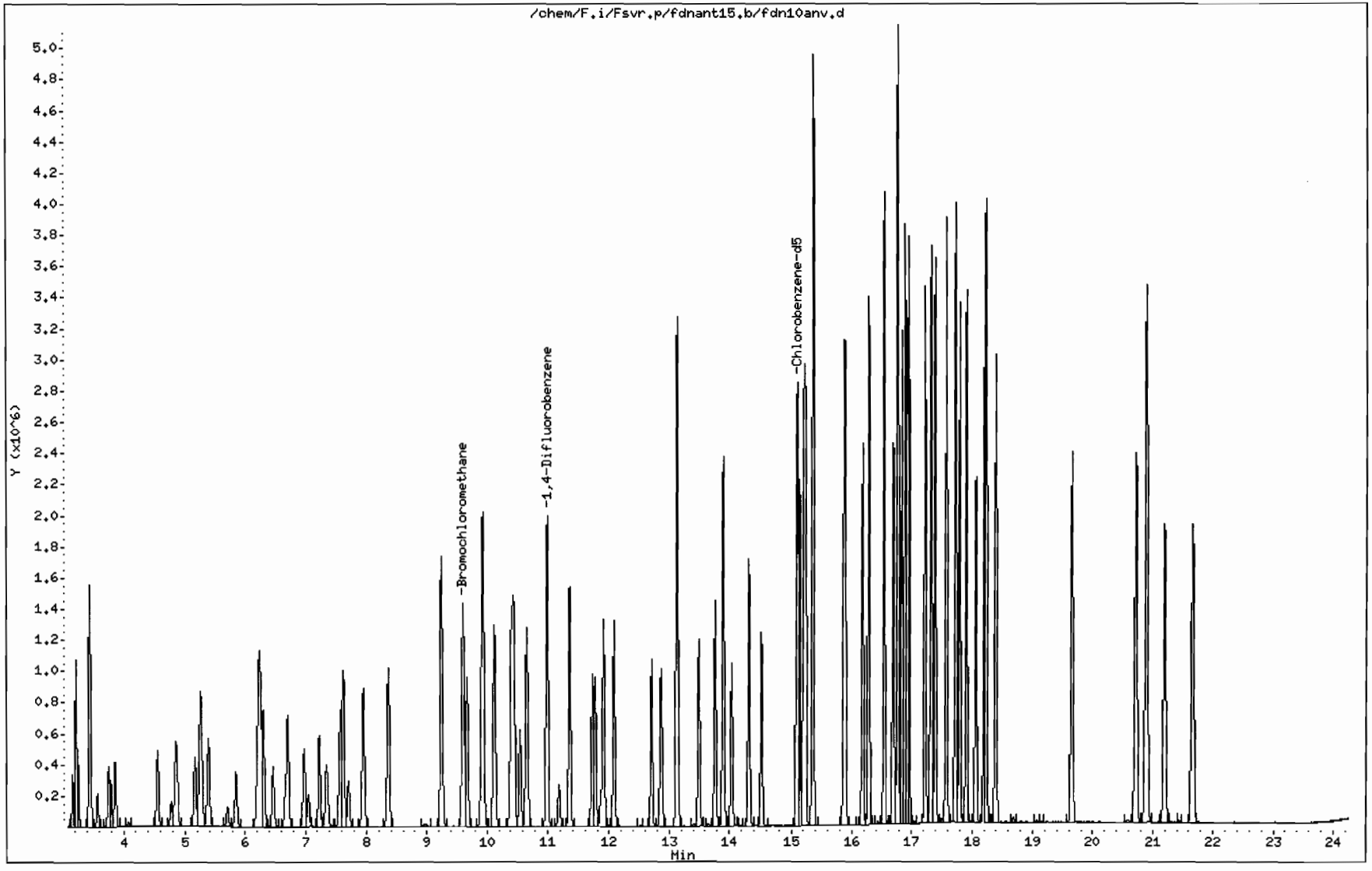
GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.385	0.01	6.8	30.0
Methyl Isobutyl Ketone	0.519	0.418	0.01	19.5	30.0
Toluene	0.542	0.513	0.01	5.4	30.0
trans-1,3-Dichloropropene	0.434	0.416	0.01	4.1	30.0
1,1,2-Trichloroethane	0.268	0.254	0.01	5.2	30.0
Tetrachloroethene	0.473	0.491	0.01	3.8	30.0
Methyl Butyl Ketone	0.526	0.422	0.01	19.8	30.0
Dibromochloromethane	0.562	0.596	0.01	6.0	30.0
1,2-Dibromoethane	0.504	0.511	0.01	1.4	30.0
Chlorobenzene	0.763	0.727	0.3	4.7	30.0
Ethylbenzene	1.189	1.164	0.01	2.1	30.0
Xylene (m,p)	0.484	0.464	0.01	4.1	30.0
Xylene (o)	0.477	0.460	0.01	3.6	30.0
Xylenes, Total	0.477	0.460	0.01	3.6	30.0
Styrene	0.747	0.708	0.01	5.2	30.0
Bromoform	0.590	0.670	0.01	13.6	30.0
1,1,2,2-Tetrachloroethane	0.708	0.675	0.01	4.7	30.0
4-Ethyltoluene	1.409	1.405	0.01	0.3	30.0
1,3,5-Trimethylbenzene	1.163	1.169	0.01	0.5	30.0
2-Chlorotoluene	1.274	1.271	0.01	0.2	30.0
1,2,4-Trimethylbenzene	1.178	1.181	0.01	0.2	30.0
1,3-Dichlorobenzene	0.841	0.868	0.01	3.2	30.0
1,4-Dichlorobenzene	0.838	0.876	0.01	4.5	30.0
1,2-Dichlorobenzene	0.792	0.834	0.01	5.3	30.0
1,2,4-Trichlorobenzene	0.686	0.658	0.01	4.1	30.0
Hexachlorobutadiene	0.617	0.650	0.01	5.3	30.0

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn10anv.d
Date : 03-JUN-2010 10:30
Client ID: ASTD010
Sample Info: ccvis 026276
Purge Volume: 200.0
Column phase: RTX-624

Page 6

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/fdn10anv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 03-JUN-2010 10:30
Operator : WRD Inst ID: F.i
Smp Info : ccvis 026276
Misc Info : ASTD010;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
2 Dichlorodifluoromethane	85	3.221	3.226	(0.336)	999139	10.0000	10
4 1,2-Dichlorotetrafluoroethane	85	3.445	3.456	(0.359)	993110	10.0000	9.8
5 Chloromethane	50	3.574	3.584	(0.372)	233791	10.0000	7.8
7 Vinyl Chloride	62	3.798	3.809	(0.396)	323976	10.0000	8.2
8 1,3-Butadiene	54	3.868	3.879	(0.403)	242546	10.0000	8.0
9 Bromomethane	94	4.547	4.563	(0.474)	449006	10.0000	9.9
10 Chloroethane	64	4.772	4.788	(0.497)	205382	10.0000	8.4
12 Bromoethene	106	5.163	5.179	(0.538)	467984	10.0000	10
13 Trichlorofluoromethane	101	5.253	5.275	(0.547)	1333864	10.0000	11
17 Freon TF	101	6.238	6.259	(0.650)	913899	10.0000	10
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	427098	10.0000	10
20 Acetone	43	6.463	6.489	(0.673)	676062	10.0000	9.2
22 Isopropyl Alcohol	45	6.671	6.693	(0.695)	462810	10.0000	8.2
21 Carbon disulfide	76	6.714	6.730	(0.700)	1324541	10.0000	9.7
23 3-Chloropropene	41	6.976	7.003	(0.727)	473259	10.0000	8.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	25 Methylene chloride	49	7.228	7.254	(0.753)	434824	10.0000	8.3
	26 tert-Butyl Alcohol	59	7.351	7.372	(0.766)	778673	10.0000	9.1
	27 Methyl tert-Butyl Ether	73	7.575	7.602	(0.789)	1329347	10.0000	9.6
	28 trans-1,2-Dichloroethene	61	7.623	7.645	(0.794)	664856	10.0000	9.0
	30 n-Hexane	57	7.944	7.966	(0.828)	658802	10.0000	8.4
	31 1,1-Dichloroethane	63	8.351	8.372	(0.870)	804453	10.0000	9.0
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.962)	218397	10.0000	9.0(Q)
	34 cis-1,2-Dichloroethene	96	9.234	9.260	(0.962)	488976	10.0000	9.6
M	33 1,2-Dichloroethene,Total	61				1153832	20.0000	19
*	37 Bromochloromethane	128	9.597	9.619	(1.000)	442712	10.0000	(Q)
	39 Chloroform	83	9.672	9.694	(1.008)	1035574	10.0000	10
	38 Tetrahydrofuran	42	9.619	9.640	(0.875)	414149	10.0000	7.9
	41 1,1,1-Trichloroethane	97	9.924	9.950	(0.903)	1132460	10.0000	11
	40 Cyclohexane	84	9.934	9.956	(0.904)	626372	10.0000	9.2
	42 Carbon tetrachloride	117	10.127	10.148	(0.922)	1221479	10.0000	11
	43 2,2,4-Trimethylpentane	57	10.411	10.432	(0.947)	2030231	10.0000	8.5
	44 Benzene	78	10.448	10.475	(0.951)	1387350	10.0000	9.3
	45 1,2-Dichloroethane	62	10.550	10.571	(0.960)	668225	10.0000	9.6
	46 n-Heptane	43	10.657	10.678	(0.970)	702184	10.0000	7.9
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2131855	10.0000	
	49 Trichloroethene	95	11.352	11.373	(1.033)	668249	10.0000	9.9
	50 1,2-Dichloropropane	63	11.721	11.748	(1.067)	488586	10.0000	8.7
	53 1,4-Dioxane	88	11.855	11.882	(1.079)	203097	10.0000	9.2
	54 Bromodichloromethane	83	12.074	12.101	(1.099)	1138687	10.0000	10
	55 cis-1,3-Dichloropropene	75	12.706	12.727	(1.156)	820061	10.0000	9.3
	56 Methyl Isobutyl Ketone	43	12.861	12.887	(1.170)	890900	10.0000	8.0
	58 Toluene	92	13.134	13.160	(0.870)	1047765	10.0000	9.5
	59 trans-1,3-Dichloropropene	75	13.497	13.519	(1.228)	887517	10.0000	9.6
	60 1,1,2-Trichloroethane	83	13.765	13.792	(0.912)	518890	10.0000	9.5
	61 Tetrachloroethene	166	13.899	13.925	(0.921)	1003554	10.0000	10
	62 Methyl Butyl Ketone	43	14.038	14.064	(0.930)	862470	10.0000	8.0
	63 Dibromochloromethane	129	14.321	14.343	(0.949)	1216516	10.0000	11
	64 1,2-Dibromoethane	107	14.524	14.546	(0.962)	1044196	10.0000	10
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2042356	10.0000	
	66 Chlorobenzene	112	15.129	15.150	(1.002)	1484560	10.0000	9.5
	68 Ethylbenzene	91	15.204	15.225	(1.007)	2378276	10.0000	9.8
	69 Xylene (m,p)	106	15.354	15.375	(1.017)	1896608	20.0000	19
	71 Xylene (o)	106	15.862	15.883	(1.051)	939511	10.0000	9.6
M	70 Xylenes, Total	106				2836119	10.0000	29
	72 Styrene	104	15.889	15.910	(1.053)	1445335	10.0000	9.5
	73 Bromoform	173	16.178	16.199	(1.072)	1368725	10.0000	11
	76 1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1379030	10.0000	9.5
	80 4-Ethyltoluene	105	16.884	16.905	(1.119)	2869044	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.123)	2386735	10.0000	10
	81 2-Chlorotoluene	91	16.921	16.943	(1.121)	2596379	10.0000	10
	85 1,2,4-Trimethylbenzene	105	17.392	17.413	(1.152)	2412705	10.0000	10
	88 1,3-Dichlorobenzene	146	17.799	17.820	(1.179)	1772168	10.0000	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
89 1,4-Dichlorobenzene	146	17.911	17.932	(1.187)	1788142	10.0000	10
93 1,2-Dichlorobenzene	146	18.387	18.414	(1.218)	1702416	10.0000	11
95 1,2,4-Trichlorobenzene	180	20.719	20.752	(1.373)	1343421	10.0000	9.6
96 Hexachlorobutadiene	225	20.891	20.923	(1.384)	1326936	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Raw QC Data – TO-15 Volatile

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

Instrument: F.i

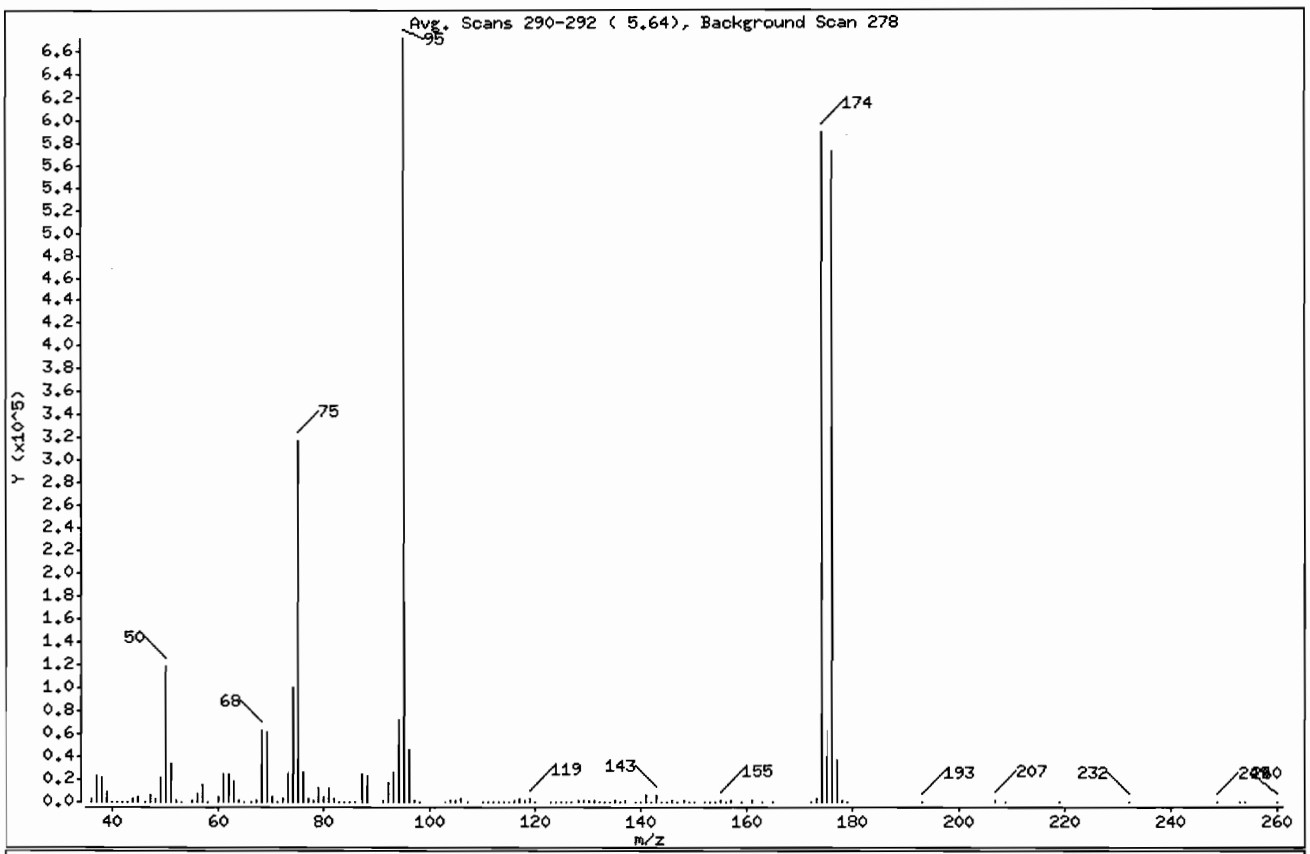
Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.62
75	30.00 - 66.00% of mass 95	47.44
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.46 (0.52)
174	50.00 - 120.00% of mass 95	87.89
175	4.00 - 9.00% of mass 174	6.08 (6.91)
176	93.00 - 101.00% of mass 174	85.33 (97.09)
177	5.00 - 9.00% of mass 176	5.53 (6.48)

Date : 07-APR-2010 09:19

Client ID: FBFB Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624 Column diameter: 0.32

Data File: fdn01pv.d
Spectrum: Avg. Scans 290-292 (5.64), Background Scan 278
Location of Maximum: 95.00
Number of points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3620	71.00	462	112.00	361	148.00	1630
37.00	22464	72.00	2733	113.00	453	149.00	493
38.00	20872	73.00	23928	114.00	209	150.00	672
39.00	8822	74.00	100760	115.00	747	152.00	212
40.00	104	75.00	318016	116.00	1927	153.00	513
41.00	77	76.00	26568	117.00	2778	154.00	422
42.00	32	77.00	3098	118.00	2186	155.00	1637
43.00	557	78.00	2190	119.00	2827	156.00	191
44.00	2385	79.00	11761	120.00	144	157.00	1133
45.00	4859	80.00	4154	123.00	166	159.00	684
46.00	300	81.00	12750	124.00	344	161.00	802
47.00	6727	82.00	2394	125.00	161	163.00	36
48.00	2984	83.00	306	126.00	331	165.00	145
49.00	21624	84.00	160	127.00	348	172.00	157
50.00	118120	85.00	259	128.00	2139	173.00	3075
51.00	34424	86.00	564	129.00	1067	174.00	589184
52.00	1412	87.00	24712	130.00	2214	175.00	40728
53.00	191	88.00	23840	131.00	1024	176.00	572032
55.00	1347	91.00	1667	132.00	68	177.00	37088
56.00	7387	92.00	16424	133.00	39	178.00	1062
57.00	15086	93.00	25512	134.00	269	179.00	82
58.00	708	94.00	72048	135.00	943	193.00	203
60.00	4720	95.00	670400	136.00	175	207.00	918
61.00	24832	96.00	45920	137.00	954	209.00	84
62.00	25216	97.00	1371	139.00	140	219.00	86
63.00	19152	98.00	70	140.00	408	232.00	175
64.00	1638	103.00	219	141.00	5406	249.00	253
65.00	240	104.00	2296	142.00	682	253.00	113
66.00	77	105.00	812	143.00	5878	254.00	72
67.00	1460	106.00	2318	144.00	371	260.00	114
68.00	63096	107.00	712	145.00	579		
69.00	62008	110.00	324	146.00	920		
70.00	4879	111.00	517	147.00	475		

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

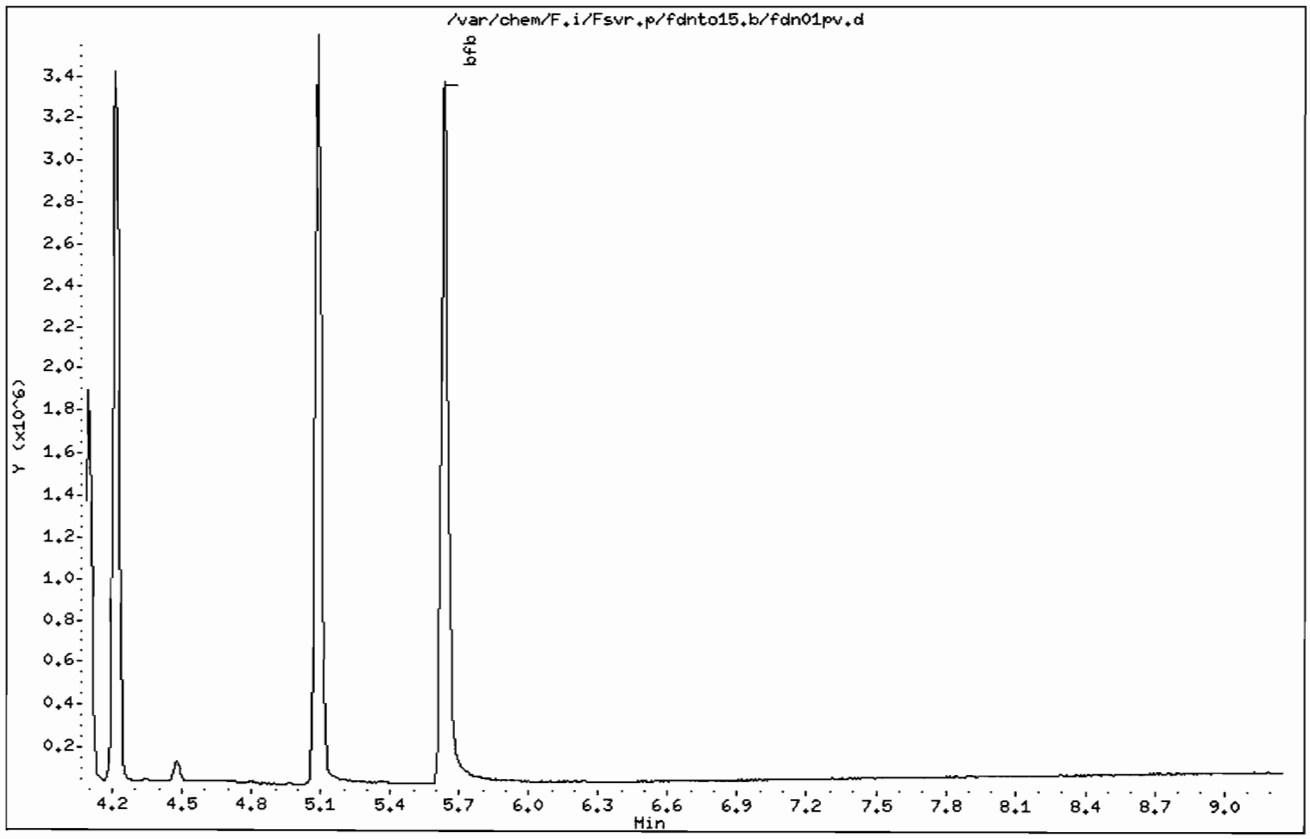
Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn41pv.d

Date : 03-JUN-2010 09:35

Client ID: BFB

Instrument: F.i

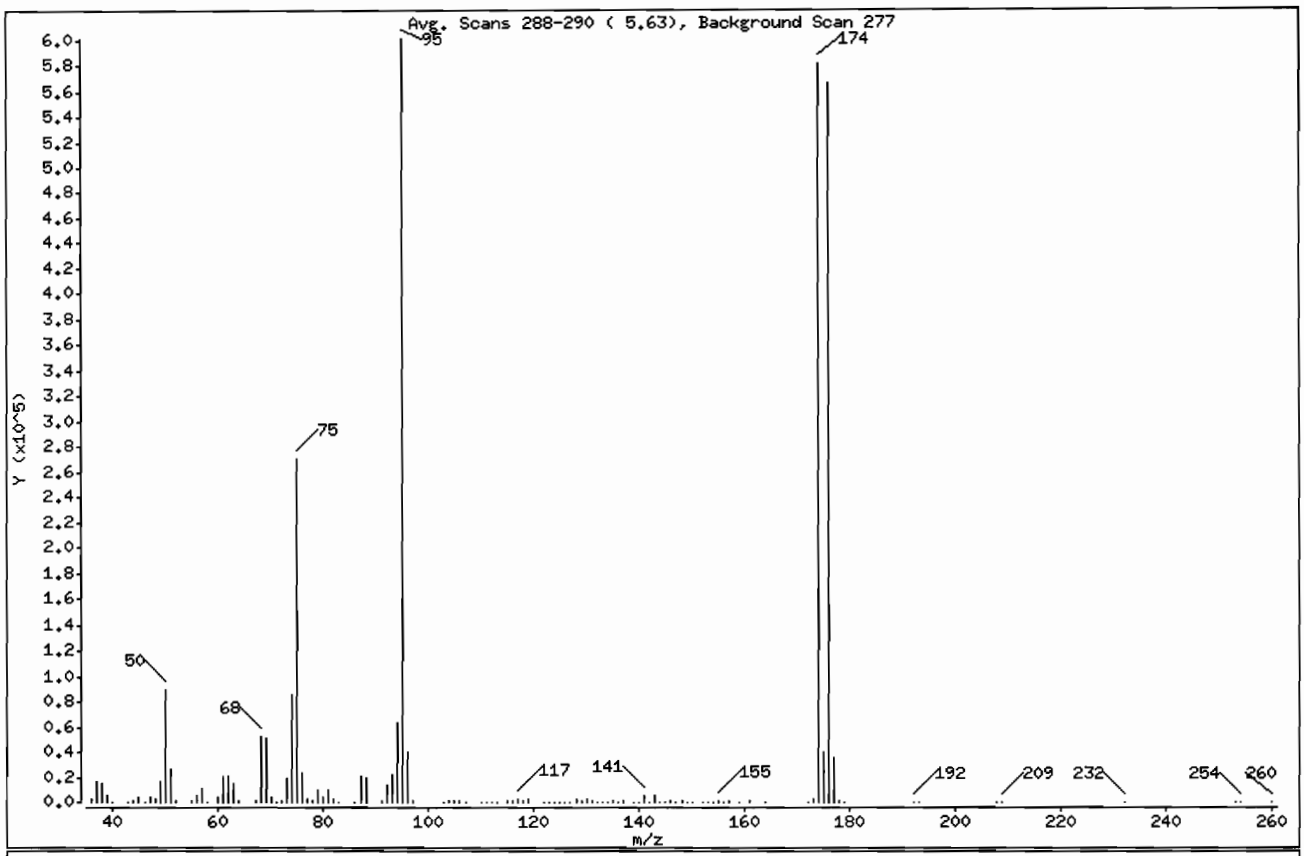
Sample Info: BFB

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.92
75	30.00 - 66.00% of mass 95	45.06
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.43 (0.44)
174	50.00 - 120.00% of mass 95	96.83
175	4.00 - 9.00% of mass 174	6.67 (6.89)
176	93.00 - 101.00% of mass 174	94.35 (97.43)
177	5.00 - 9.00% of mass 176	6.09 (6.46)

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn41pv.d

Date : 03-JUN-2010 09:35

Client ID: BFB

Instrument: F.i

Sample Info: BFB

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32

Data File: fdn41pv.d
Spectrum: Avg. Scans 288-290 (5.63), Background Scan 277
Location of Maximum: 95.00
Number of points: 118

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2704	73.00	19752	115.00	727	148.00	1545
37.00	16356	74.00	84992	116.00	1834	149.00	566
38.00	15064	75.00	270720	117.00	2516	150.00	662
39.00	6136	76.00	22808	118.00	1765	152.00	378
40.00	402	77.00	2957	119.00	2435	153.00	367
43.00	160	78.00	1730	122.00	162	154.00	388
44.00	1547	79.00	10107	123.00	176	155.00	1638
45.00	3562	80.00	4052	124.00	374	156.00	320
46.00	293	81.00	10047	125.00	82	157.00	1068
47.00	4357	82.00	2385	126.00	350	159.00	637
48.00	2416	83.00	336	127.00	66	161.00	808
49.00	17016	86.00	421	128.00	2084	164.00	70
50.00	89640	87.00	20824	129.00	1067	172.00	229
51.00	26408	88.00	19680	130.00	2114	173.00	2566
52.00	1205	91.00	1454	131.00	944	174.00	581824
55.00	957	92.00	14383	132.00	99	175.00	40056
56.00	5945	93.00	22536	133.00	99	176.00	566912
57.00	11677	94.00	63296	134.00	154	177.00	36592
58.00	411	95.00	600832	135.00	850	178.00	1138
60.00	3899	96.00	40592	136.00	156	179.00	71
61.00	19424	97.00	1375	137.00	847	192.00	266
62.00	20768	103.00	411	139.00	156	193.00	62
63.00	15675	104.00	2070	140.00	357	208.00	20
64.00	1496	105.00	827	141.00	5537	209.00	41
67.00	1217	106.00	2001	142.00	625	232.00	19
68.00	52808	107.00	607	143.00	5347	253.00	33
69.00	51480	110.00	296	144.00	306	254.00	185
70.00	4121	111.00	342	145.00	508	260.00	140
71.00	99	112.00	323	146.00	948		
72.00	2068	113.00	314	147.00	327		

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn41pv.d

Date : 03-JUN-2010 09:35

Client ID: BFB

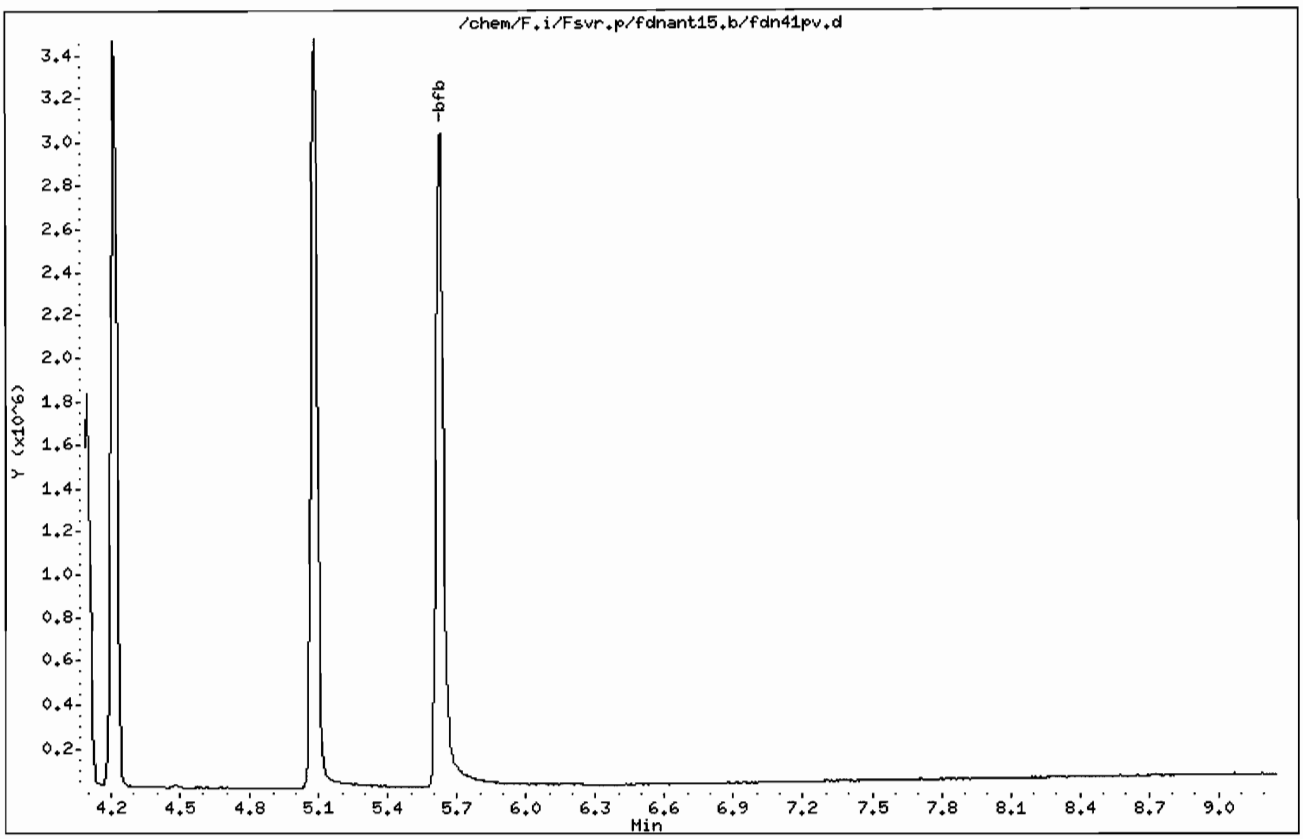
Instrument: F.i

Sample Info: BFB

Operator: WRD

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

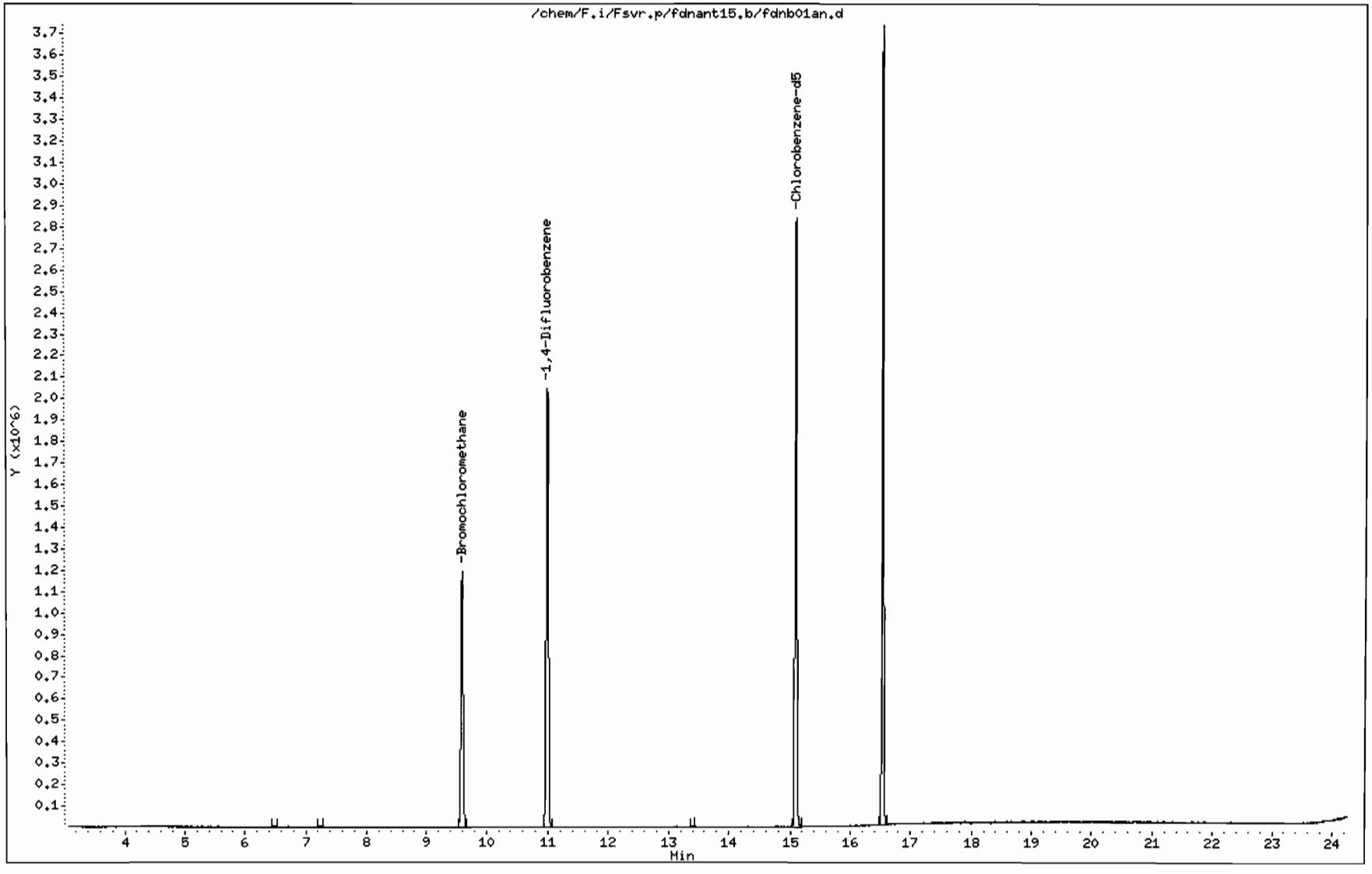
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdnb01an.d
Date : 03-JUN-2010 12:12
Client ID: MBLK060310FA
Sample Info: mb
Purge Volume: 200.0
Column phase: RTX-624

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/fdnb01an.d
Lab Smp Id: MBLK060310FA Client Smp ID: MBLK060310FA
Inj Date : 03-JUN-2010 12:12
Operator : WRD Inst ID: F.i
Smp Info : mb
Misc Info : MBLK060310FA;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	474317	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2328940	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.091	15.113	(1.000)	2152030	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	10	
74-87-3	Chloromethane	7.8	
75-01-4	Vinyl Chloride	8.4	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.3	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.2	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.7	
71-43-2	Benzene	9.5	
107-06-2	1,2-Dichloroethane	9.8	
142-82-5	n-Heptane	8.0	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

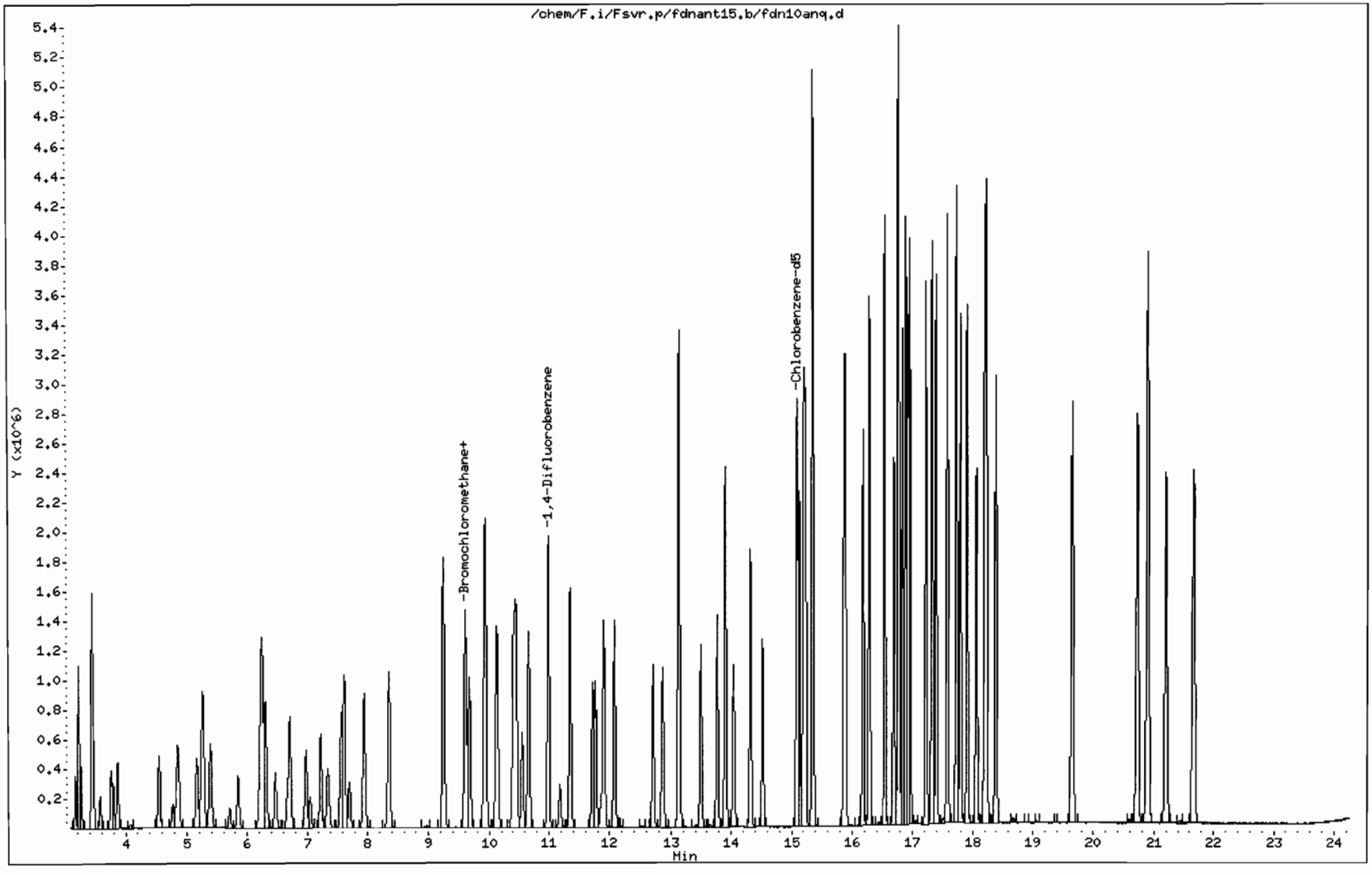
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.7	
123-91-1	1,4-Dioxane	9.2	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.4	
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	9.6	
10061-02-6	trans-1,3-Dichloropropene	9.7	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	8.3	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.7	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.7	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.7	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.5	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnant15.b/fdn10anq.d
Date : 03-JUN-2010 11:20
Client ID: FA060310LCS
Sample Info: los 026272
Purge Volume: 200.0
Column phase: RTX-624

Page 4

Instrument: F.i
Operator: WRD
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnant15.b/fdn10anq.d
Lab Smp Id: FA060310LCS Client Smp ID: FA060310LCS
Inj Date : 03-JUN-2010 11:20
Operator : WRD Inst ID: F.i
Smp Info : lcs 026272
Misc Info : FA060310LCS;060310FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnant15.b/to15v4.m
Meth Date : 09-Jun-2010 19:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.221	3.226	(0.336)	1024291	10.6004	11
4 1,2-Dichlorotetrafluoroethane	85	3.445	3.456	(0.359)	1025306	9.97216	10
5 Chloromethane	50	3.579	3.584	(0.373)	237435	7.79358	7.8
7 Vinyl Chloride	62	3.798	3.809	(0.396)	333333	8.37496	8.4
8 1,3-Butadiene	54	3.868	3.879	(0.403)	255792	8.31326	8.3
9 Bromomethane	94	4.547	4.563	(0.474)	449965	9.84007	9.8
10 Chloroethane	64	4.772	4.788	(0.497)	209264	8.49336	8.5
12 Bromoethene	106	5.162	5.179	(0.538)	494116	10.4408	10
13 Trichlorofluoromethane	101	5.259	5.275	(0.548)	1402376	11.1533	11
17 Freon TF	101	6.238	6.259	(0.650)	1039444	11.5239	12
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	493224	11.4228	11
20 Acetone	43	6.468	6.489	(0.674)	651856	8.74129	8.7
22 Isopropyl Alcohol	45	6.671	6.693	(0.695)	475369	8.31144	8.3
21 Carbon disulfide	76	6.714	6.730	(0.700)	1390169	10.1097	10
23 3-Chloropropene	41	6.981	7.003	(0.727)	489810	8.32974	8.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
25	Methylene chloride	49	7.227	7.254	(0.753)	473669	8.91797	8.9	
26	tert-Butyl Alcohol	59	7.351	7.372	(0.766)	785852	9.07337	9.1	
27	Methyl tert-Butyl Ether	73	7.575	7.602	(0.789)	1397436	9.95049	10	
28	trans-1,2-Dichloroethene	61	7.623	7.645	(0.794)	689437	9.21808	9.2	
30	n-Hexane	57	7.944	7.966	(0.828)	680758	8.59277	8.6	
31	1,1-Dichloroethane	63	8.351	8.372	(0.870)	841319	9.31830	9.3	
36	Methyl Ethyl Ketone	72	9.234	9.260	(0.962)	228279	9.27206	9.3	(Q)
34	cis-1,2-Dichloroethene	96	9.234	9.260	(0.962)	526704	10.2662	10	
M 33	1,2-Dichloroethene,Total	61				1216141	19.4843	19	
* 37	Bromochloromethane	128	9.597	9.619	(1.000)	448002	10.0000		(Q)
39	Chloroform	83	9.672	9.694	(1.008)	1081847	10.4526	10	
38	Tetrahydrofuran	42	9.619	9.640	(0.875)	429081	8.05328	8.1	
41	1,1,1-Trichloroethane	97	9.924	9.950	(0.903)	1191822	11.1849	11	
40	Cyclohexane	84	9.934	9.956	(0.904)	656865	9.53011	9.5	
42	Carbon tetrachloride	117	10.127	10.148	(0.922)	1281427	11.3700	11	
43	2,2,4-Trimethylpentane	57	10.411	10.432	(0.947)	2108444	8.70071	8.7	
44	Benzene	78	10.448	10.475	(0.951)	1444033	9.50096	9.5	
45	1,2-Dichloroethane	62	10.550	10.571	(0.960)	694461	9.83129	9.8	
46	n-Heptane	43	10.657	10.678	(0.970)	724257	8.00521	8.0	
* 47	1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2163711	10.0000		
49	Trichloroethene	95	11.352	11.373	(1.033)	697240	10.1930	10	
50	1,2-Dichloropropane	63	11.721	11.748	(1.067)	493697	8.67236	8.7	
53	1,4-Dioxane	88	11.855	11.882	(1.079)	205603	9.16341	9.2	
54	Bromodichloromethane	83	12.074	12.101	(1.099)	1219735	10.8527	11	
55	cis-1,3-Dichloropropene	75	12.706	12.727	(1.156)	836841	9.35565	9.4	
56	Methyl Isobutyl Ketone	43	12.866	12.887	(1.171)	940153	8.36478	8.4	
58	Toluene	92	13.134	13.160	(0.870)	1084151	9.59500	9.6	
59	trans-1,3-Dichloropropene	75	13.497	13.519	(1.228)	910557	9.70214	9.7	
60	1,1,2-Trichloroethane	83	13.765	13.792	(0.912)	515892	9.23201	9.2	
61	Tetrachloroethene	166	13.899	13.925	(0.921)	1039892	10.5520	11	
62	Methyl Butyl Ketone	43	14.038	14.064	(0.930)	904751	8.25877	8.3	
63	Dibromochloromethane	129	14.321	14.343	(0.949)	1330360	11.3469	11	
64	1,2-Dibromoethane	107	14.524	14.546	(0.962)	1068911	10.1686	10	
* 65	Chlorobenzene-d5	117	15.092	15.113	(1.000)	2083633	10.0000		
66	Chlorobenzene	112	15.129	15.150	(1.002)	1541953	9.70028	9.7	
68	Ethylbenzene	91	15.204	15.225	(1.007)	2471775	9.97288	10	
69	Xylene (m,p)	106	15.354	15.375	(1.017)	1961503	19.4698	19	
71	Xylene (o)	106	15.867	15.883	(1.051)	963543	9.69682	9.7	
M 70	Xylenes, Total	106				2925046	29.4368	29	
72	Styrene	104	15.889	15.910	(1.053)	1503717	9.66004	9.7	
73	Bromoform	173	16.178	16.199	(1.072)	1500226	12.1965	12	
76	1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1396515	9.47266	9.5	
80	4-Ethyltoluene	105	16.884	16.905	(1.119)	3097057	10.5515	11	
82	1,3,5-Trimethylbenzene	105	16.953	16.975	(1.123)	2486404	10.2600	10	
81	2-Chlorotoluene	91	16.921	16.943	(1.121)	2803099	10.5577	11	
85	1,2,4-Trimethylbenzene	105	17.392	17.413	(1.152)	2470808	10.0704	10	
88	1,3-Dichlorobenzene	146	17.799	17.820	(1.179)	1834787	10.4704	10	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	17.911	17.932	(1.187)	1844206	10.5647	11
93 1,2-Dichlorobenzene	146	18.392	18.414	(1.219)	1718720	10.4119	10
95 1,2,4-Trichlorobenzene	180	20.719	20.752	(1.373)	1569669	10.9831	11
96 Hexachlorobutadiene	225	20.891	20.923	(1.384)	1488698	11.5763	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Sample Preparation – TO-15 Volatile

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
CEFLUS	NY13749	13749	6/2/10	0832	29.6	22	G5	WM

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
831356	3225	-3.0		4617	Y	2910 FDNV	
831357	2574	-4.7		4685		3319 FDNB	
831358	4380	-2.7		4980		4380 GEKG	
831359	2980	-1.9		4605		2714 FDNB	
831360	4291	-5.0		4979		1	

6/2/10

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE	1 of 1 COCs
Company: AKRF Inc.	Phone: 646.388.9525		
Address: 440 PARK AVENUE SOUTH 7TH FL	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARASATE		
Project Name: CE FLUSHING	**Analysis Turnaround Time**		
Site: 40-22 College Point Blvd. Flushing NY	Standard (Specify) X		
PO # 30141-116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-5	5/24/10	12:03	12:33	-31	-8	4617	3225	X									X		
CE-VAPOR-6	5/24/10	12:04	12:34	-31	-10	4685	2574	X									X		
CE-VAPOR-7	5/24/10	12:03	12:33	-30	-6	4980	4380	X									X		
CE-VAPOR-8	5/24/10	12:03	12:33	-30	-8	4605	2900	X									X		
CE-AA	5/24/10	12:44	13:14	-30	-6	4979	4291	X								X	~~X~~		

Temperature (Fahrenheit)			
	Interior	Ambient	
Start		72.8	
Stop		73.1	

Pressure (Inches of Hg)			
	Interior	Ambient	
Start		30.29	
Stop		30.29	

Special Instructions/QC Requirements & Comments:
SAMPLE CE-AA IS AMBIENT AIR, NOT SOIL GAS.

Samples Shipped by: Matthew Oleske	Date/Time: 5/25/10 15:00	Samples Received by: 5/27/10 1020
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica Burlington - Manual Integration Summary
SDG: fdnto15 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	07-APR-2010 14:37	FDN10V2	
	11.882	1,4-Dioxane			MI3 - Mis-identification of peak	sv 04/12/10 21:32	sv 04/12/10

Summary Generated: sv 04/12/2010 21:38 Secondary Review(1): PAD | 4/12/10 Secondary Review(2): _____ | _____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDN	Start Date: 4/7/10	Time: 0919	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 4/8/10	Time: 0919	CAL STD Lot #	see comment	Instrument: 5973
ICAL Date:	4/7/10 2009 175085			ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager	Analyst WHP	Analyst	Analyst	Analyst
Name/Initial		William DeJarnette			
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0919	FDN01P1V		BFB	NA			WHD	NA	NA	WHD	
1011	FDNB01	4983			1	200					
1104	FDN002V	3366	Level 1		2				✓		22289
1157	FDN005V	3646	Level 2		3				✓		22287
1251	FDN05V	3142	Level 3		4				✓		21996
1345	FDN10V	3351	N/A		6						21990 Valve Closed
528 1437	FDN15V	3631	Level 5		7				✓		21989
619 1528	FDN20V	3535	Level 6		8				✓	WHD	21985
1709	FDN40V	2691	Level 7		9				✓		21958
1437	FDN10V2	3351	Level 4		6	200			✓	WHD	21990
1800	FDNB02	4983	IBLK		1	200				WHD	
1850	FDN10Q	3643	ICV		10	200		✓	✓		21407
1941	FDNB03	4983	MBLK		1	200		✓	✓		
2041	4223	NA	NA	0.16	11	1250		✓	✓	WHD	
2141	4591				12			✓	✓		
2241	3322				13			✓	✓		
2341	4279				14			✓	✓		
0041	2882				15			✓	✓		
0141	3351				16			✓	✓		
0241	2510				2			✓	✓		
0341	3276				3			✓	✓		
0441	4283				4			✓	✓		
0541	3405				5			✓	✓		
0642	2737				6			✓	✓		
0741	2866				7			✓	✓		
0841	4581	NA	NA	0.16	1	1250	NJR	✓	✓		
	3760			0.16	2	1250					4/8/10

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

GC/MS INSTRUMENT RUN LOG

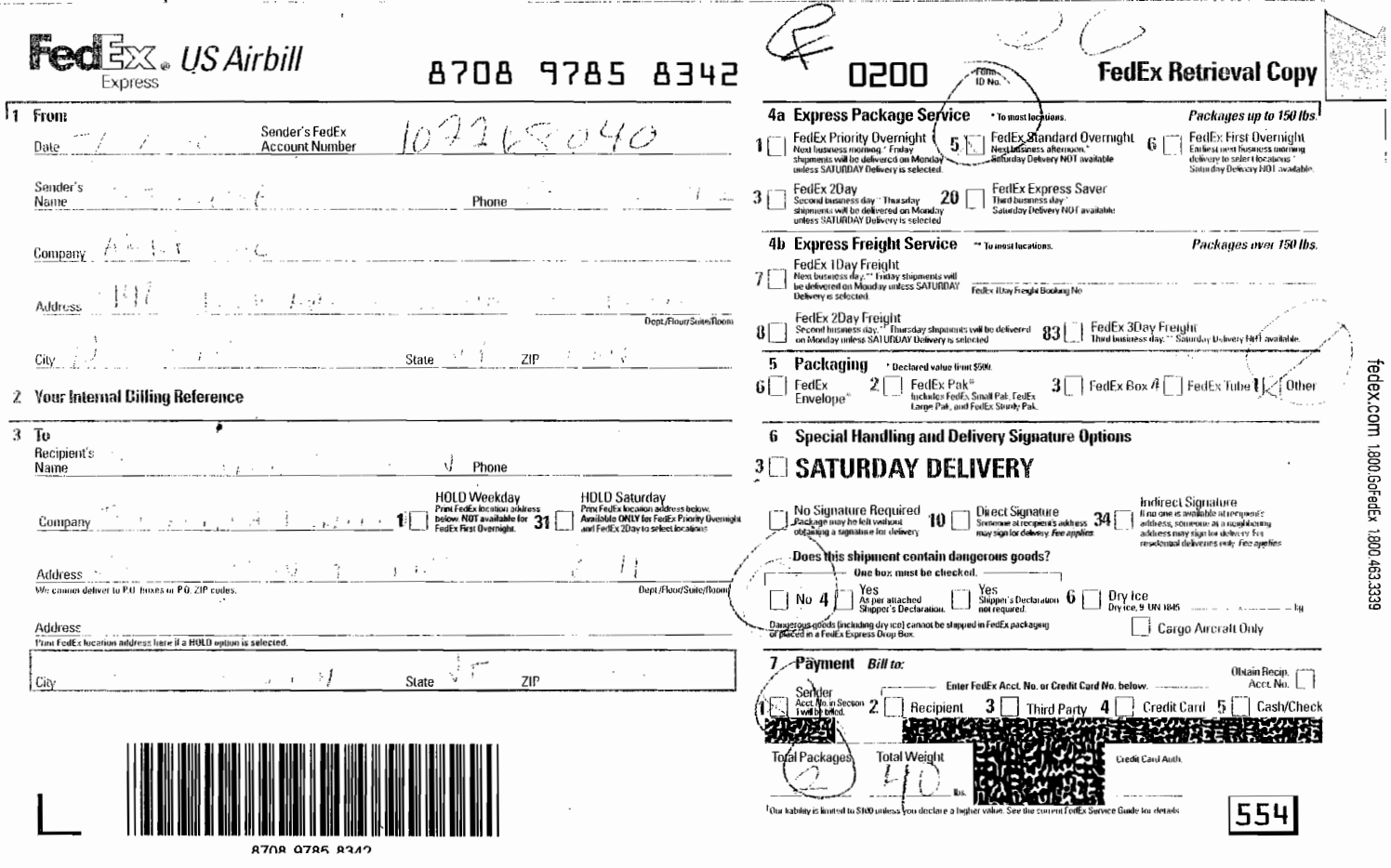
Sequence				Standard Traceability		Instrument Information
Batch ID:	FDN4N	Start Date: 6/3/10	Time: 0935	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 6/4/10	Time: 0935	CAL STD Lot #	28276	Instrument: 5973
ICAL Date:	4/7/10			ICV / LCS Lot #	28272	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0935	FDN41PV		BFB	NA			WM	NA	NA	WM	
1030	FDN10ANV	3544	CCV		1	200		NA	✓		AG
1120	FDN10ANQ	2964	LCS		2	200		✓	✓		AG
1212	FDNBQ1AN	4632	BLK		3	200		✓	✓		
1308	2677	NA	4X	0.2	4	1000		✓	✓		
1403	3397	NA	4X	0.2	5	1000		✓	↑✓		Propanal ↑
1454	831571	2631	137533	1	6	200		✓	✓		C
1545	831243D	4461	137486	2030	7	29		✓	↑		CDF 294 Tol 68
1635	831360	4291	137497	1	8	200		✓	✓	WM	C
1726	831356	3225		10	9	20		✓	✓		C High TICs
1817	831357	2574			10			✓	✓		C " "
1909	831358	4380			11			✓	✓		C " "
2000	831359	2900			12			✓	✓		C " "
2057	831444	4928	137500	1	13	200		✓	✓		C
2142	831445	2741			14			✓	✓		C
2234	831446	3568			15			✓	↑		PCE 51
2325	831447	4125			16			✓	✓		C
0016	831448	3201			1			✓	✓		C
0107	831449	4009			2			✓	✓		C
0158	831450	4806			3			✓	✓		C
0249	831451	3200			4			✓	✓		C
0341	831468D	4833	137511	199	5	58	WM	✓	↑		CDF 57.7 CLOCK 56
0432	831469	4180		1	6	200		✓	✓		C
0523	8314700	4472		51.2	7	64		✓	✓		CDF 16.4 C
0614	2981	NA	485	1	8	200	20WM	✓	✓		
0827	3847	NA	486	1	8	200		✓	✓	WM	
0919	831R43D2	4461	137486	4610	9	3.5		✓	✓	WM	CDF 80.7 C

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

Sample Handling



FedEx Express US Airbill

8708 9785 8342

0200

FedEx Retrieval Copy

1 From

Date 7/1

Sender's FedEx Account Number 1072[illegible]040

Sender's Name [illegible] Phone [illegible]

Company [illegible]

Address [illegible] Dept/Floor/Suite/Room

City [illegible] State [illegible] ZIP [illegible]

2 Your Internal Billing Reference

3 To

Recipient's Name [illegible] Phone

Company [illegible]

HOLD Weekday — Print FedEx location address below. NOT available for FedEx First Overnight.

HOLD Saturday — Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Print FedEx location address here if a HOLD option is selected.

City [illegible] State [illegible] ZIP

4a Express Package Service — * To most locations. — Packages up to 150 lbs.

1 FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available

6 FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service — * To most locations. — Packages over 150 lbs.

7 FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

8 FedEx 2Day Freight — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected

83 FedEx 3Day Freight — Third business day.* Saturday Delivery NOT available.

5 Packaging — * Declared value limit $500.

6 FedEx Envelope*

2 FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.

3 FedEx Box

FedEx Tube

Other

6 Special Handling and Delivery Signature Options

3 SATURDAY DELIVERY

No Signature Required — Package may be left without obtaining a signature for delivery.

10 Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

No

4 Yes — As per attached Shipper's Declaration.

Yes — Shipper's Declaration not required.

6 Dry Ice — Dry Ice, 9, UN 1845 — kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

Cargo Aircraft Only

7 Payment Bill to:

Obtain Recip. Acct. No.

Enter FedEx Acct. No. or Credit Card No. below.

1 Sender — Acct. No. in Section 1 will be billed.

2 Recipient

3 Third Party

4 Credit Card

5 Cash/Check

Total Packages [illegible]

Total Weight [illegible] lbs.

Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

8708 9785 8342

fedex.com 1.800.GoFedEx 1.800.463.3339

fedex.com 1.800.GoFedEx 1.800.463.3339

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: CEFLUS	Date Received: 5/27/10	Log In Date: 05/28/10
ETR: 137497	Time Received: 1020	By:
SDG: NY137497	Received By: GTM	Signature:
Project: 29600	# Coolers Received: 2 Boxes	PM Signature:
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 6/10/10
List Air bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact		X		
Custody seal numbers are present			X	
If yes, list custody seal numbers:				

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

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

Cooler 1: A+2 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2: A+2 °C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3: °C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4: °C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5 °C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures		X		Not relinquished
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC		X		See below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Sample labels do not list start times.

FSR002:12.19.07:3
TestAmerica Burlington

TestAmerica
South Burlington, VT

Sample Data Summary Package

NY137497

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 11, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave, South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137497

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on May 27th, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 05/27/10 ETR No: 137497		
831356	CE-VAPOR-5	05/24/10	AIR
831357	CE-VAPOR-6	05/24/10	AIR
831358	CE-VAPOR-7	05/24/10	AIR
831359	CE-VAPOR-8	05/24/10	AIR
831360	CE-AA	05/24/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	11		5.0	32		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-5

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831356

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	5.4		2.0	20		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	2.9		2.0	12		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	23		5.0	68		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50		50	150		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.5		2.0	10		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-6

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831357

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	8.2		2.0	31		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	3.0		2.0	13		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831358

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	130		5.0	380		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	180		50	530		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-7

Lab Name: TAL Burlington

SDG Number: NY137497

Lab Sample No.: 831358

Dilution Factor: 10.00

Date Analyzed: 06/03/10

Sample Matrix: AIR

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	8.4		5.0	34		20
Toluene	108-88-3	3.7		2.0	14		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	12		2.0	51		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	41		5.0	120		15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	77		50	230		150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.1		2.0	8.5		8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-8

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831359

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	7.0		2.0	26		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylenes, Total	1330-20-7	2.0	U	2.0	8.7	U	8.7
Styrene	100-42-5	6.3		2.0	27		8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.25		0.20	1.4		1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.55		0.50	1.6		1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-AA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 831360

Date Analyzed: 06/03/10

Date Received: 05/27/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.79		0.20	3.0		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.42		0.40	1.8		1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.42		0.20	1.8		0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	7.8		0.50	16		1.0
Vinyl Chloride	75-01-4	8.4		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	11		0.20	44		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.3		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	9.1		5.0	28		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.2		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.7		0.20	41		0.93
Benzene	71-43-2	9.5		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.8		0.20	40		0.81
n-Heptane	142-82-5	8.0		0.20	33		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060310

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.7		0.20	40		0.92
1,4-Dioxane	123-91-1	9.2		5.0	33		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.4		0.20	43		0.91
Methyl Isobutyl Ketone	108-10-1	8.4		0.50	34		2.0
Toluene	108-88-3	9.6		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.7		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	8.3		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.7		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.7		0.20	41		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.5		0.20	65		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	11		0.20	66		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TAL Burlington

SDG Number: NY137497

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0603

Date Analyzed: 06/03/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE	1 of 1 COCs
Company: AKRF Inc.	Phone: 646.388.9525		
Address: 440 PARK AVENUE SOUTH 7TH FL	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARASATE		
Project Name: CE FLUSHING	**Analysis Turnaround Time**		
Site: 40-22 College Point Blvd. Flushing NY	Standard (Specify) X		
PO # 30141-116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-5	5/24/10	12:03	12:33	-31	-8	4617	3225	X									X		
CE-VAPOR-6	5/24/10	12:04	12:34	-31	-10	4685	2574	X									X		
CE-VAPOR-7	5/24/10	12:03	12:33	-30	-6	4980	4380	X									X		
CE-VAPOR-8	5/24/10	12:03	12:33	-30	-8	4605	2900	X									X		
CE-AA	5/24/10	12:44	13:14	-30	-6	4979	4291	X								X	~~X~~		

Temperature (Fahrenheit)	Interior	Ambient
Start		72.8
Stop		73.1

Pressure (inches of Hg)	Interior	Ambient
Start		30.29
Stop		30.29

Special Instructions/QC Requirements & Comments:
SAMPLE CE-AA IS AMBIENT AIR, NOT SOIL GAS.

Samples Shipped by: Matthew Oleske	Date/Time: 5/25/10 15:00	Samples Received by: 5/27/10 1020
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.25	
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.55	
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-AA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831360

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 831360

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.79	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.42	
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.42	
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-5

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831356

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831356

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	5.4	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	2.9	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	23	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.5	
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-6

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831357

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831357

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	8.2	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	3.0	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	130	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	180	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-7

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831358

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831358

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	3.7	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	12	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	41	
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	77	
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.1	
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-8

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: 831359

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831359

Level: (low/med) LOW Date Received: 05/27/10

% Moisture: not dec. _____ Date Analyzed: 06/03/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	7.0	
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.0	U
1330-20-7	Xylenes, Total	2.0	U
100-42-5	Styrene	6.3	
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.0	U
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: MBLK060310FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AN

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethan	10	
74-87-3	Chloromethane	7.8	
75-01-4	Vinyl Chloride	8.4	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	11	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.3	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.2	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.7	
71-43-2	Benzene	9.5	
107-06-2	1,2-Dichloroethane	9.8	
142-82-5	n-Heptane	8.0	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060310LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix: (soil/water) AIR Lab Sample ID: FA060310LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ANQ

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

% Moisture: not dec. _____ Date Analyzed: 06/03/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.7	
123-91-1	1,4-Dioxane	9.2	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.4	
108-10-1	Methyl Isobutyl Ketone	8.4	
108-88-3	Toluene	9.6	
10061-02-6	trans-1,3-Dichloropropene	9.7	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	11	
591-78-6	Methyl Butyl Ketone	8.3	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.7	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.7	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.7	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.5	
622-96-8	4-Ethyltoluene	11	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		10	100	70-130
Chloromethane	10		7.8	78	70-130
Vinyl Chloride	10		8.4	84	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		11	110	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.3	83	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		9.1	91	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.2	92	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.5	95	70-130

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

* Values outside of QC limits

COMMENTS: _____

_____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.7	87	70-130
Benzene	10		9.5	95	70-130
1,2-Dichloroethane	10		9.8	98	70-130
n-Heptane	10		8.0	80	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.7	87	70-130
1,4-Dioxane	10		9.2	92	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.4	94	70-130
Methyl Isobutyl Ketone	10		8.4	84	70-130
Toluene	10		9.6	96	70-130
trans-1,3-Dichloroprope	10		9.7	97	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		8.3	83	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.7	97	70-130
Ethylbenzene	10		10	100	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.7	97	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.7	97	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.5	95	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Matrix Spike - Sample No.: FA060310LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060310FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDNB01AN Lab Sample ID: MBLK060310FA

Date Analyzed: 06/03/10 Time Analyzed: 1212

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060310LCS	FA060310LCS	FDN10ANQ	1120
02	CE-AA	831360	831360	1635
03	CE-VAPOR-5	831356	831356	1726
04	CE-VAPOR-6	831357	831357	1817
05	CE-VAPOR-7	831358	831358	1909
06	CE-VAPOR-8	831359	831359	2000
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID: FDN41PV BFB Injection Date: 06/03/10

Instrument ID: F BFB Injection Time: 0935

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.9
75	30.0 - 66.0% of mass 95	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	96.8
175	4.0 - 9.0% of mass 174	6.7 (6.9)1
176	93.0 - 101.0% of mass 174	94.3 (97.4)1
177	5.0 - 9.0% of mass 176	6.1 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN10ANV	06/03/10	1030
02	FA060310LCS	FA060310LCS	FDN10ANQ	06/03/10	1120
03	MBLK060310FA	MBLK060310FA	FDNB01AN	06/03/10	1212
04	CE-AA	831360	831360	06/03/10	1635
05	CE-VAPOR-5	831356	831356	06/03/10	1726
06	CE-VAPOR-6	831357	831357	06/03/10	1817
07	CE-VAPOR-7	831358	831358	06/03/10	1909
08	CE-VAPOR-8	831359	831359	06/03/10	2000
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.339	2.320	2.300	2.118		
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234		
Chloromethane		0.773	0.723	0.716	0.657		
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882		
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668		
Bromomethane	1.089	1.072	1.040	1.018	1.009		
Chloroethane		0.591	0.571	0.565	0.547		
Bromoethene	1.101	1.096	1.068	1.051	1.054		
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766		
Freon TF	2.049	2.077	2.023	2.000	2.018		
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957		
Acetone			1.786	1.844	1.638		
Isopropyl Alcohol			1.362	1.316	1.279		
Carbon disulfide		3.110	3.157	3.096	3.102		
3-Chloropropene	1.307	1.316	1.372	1.370	1.316		
Methylene chloride		1.375	1.221	1.195	1.150		
tert-Butyl Alcohol			2.012	1.964	1.944		
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146		
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661		
n-Hexane	1.885	1.828	1.827	1.773	1.750		
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008		*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560		
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149		
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405		
Chloroform	2.426	2.346	2.363	2.327	2.300		
Tetrahydrofuran			0.256	0.254	0.248		
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496		
Cyclohexane	0.319	0.310	0.321	0.317	0.325		
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531		
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123		
Benzene	0.743	0.719	0.702	0.688	0.700		
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325		
n-Heptane	0.449	0.443	0.427	0.421	0.411		
Trichloroethene	0.322	0.314	0.315	0.313	0.319		
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265		
1,4-Dioxane			0.106	0.103	0.105		
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532		

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424			
Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530			
Toluene	0.562	0.536	0.532	0.532	0.561			
trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447			
1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272			
Tetrachloroethene	0.466	0.451	0.447	0.450	0.486			
Methyl Butyl Ketone		0.496	0.531	0.538	0.543			
Dibromochloromethane	0.506	0.498	0.544	0.562	0.600			
1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522			
Chlorobenzene *	0.766	0.749	0.735	0.741	0.779			*
Ethylbenzene	1.234	1.192	1.176	1.182	1.220			
Xylene (m,p)	0.488	0.481	0.478	0.487	0.506			
Xylene (o)	0.456	0.463	0.468	0.479	0.499			
Xylenes, Total	0.456	0.463	0.468	0.479	0.499			
Styrene	0.716	0.691	0.732	0.752	0.792			
Bromoform	0.472	0.477	0.576	0.606	0.656			
1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729			
4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460			
1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213			
2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309			
1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224			
1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876			
1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877			
1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823			
1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720			
Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

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

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date: 06/03/10 Time: 1030

Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.257	0.01	4.6	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.243	0.01	2.3	30.0
Chloromethane	0.680	0.528	0.01	22.4	30.0
Vinyl Chloride	0.888	0.732	0.01	17.6	30.0
1,3-Butadiene	0.687	0.548	0.01	20.2	30.0
Bromomethane	1.021	1.014	0.01	0.7	30.0
Chloroethane	0.550	0.464	0.01	15.6	30.0
Bromoethene	1.056	1.057	0.01	0.1	30.0
Trichlorofluoromethane	2.806	3.013	0.01	7.4	30.0
Freon TF	2.013	2.064	0.01	2.5	30.0
1,1-Dichloroethene	0.964	0.965	0.01	0.1	30.0
Acetone	1.664	1.527	0.01	8.2	30.0
Isopropyl Alcohol	1.277	1.045	0.01	18.2	30.0
Carbon disulfide	3.069	2.992	0.01	2.5	30.0
3-Chloropropene	1.312	1.069	0.01	18.5	30.0
Methylene chloride	1.185	0.982	0.01	17.1	30.0
tert-Butyl Alcohol	1.933	1.759	0.01	9.0	30.0
Methyl tert-Butyl Ether	3.135	3.003	0.01	4.2	30.0
trans-1,2-Dichloroethene	1.669	1.502	0.01	10.0	30.0
n-Hexane	1.768	1.488	0.01	15.8	30.0
1,1-Dichloroethane	2.015	1.817	0.1	9.8	30.0
Methyl Ethyl Ketone	0.550	0.493	0.01	10.4	30.0
cis-1,2-Dichloroethene	1.145	1.104	0.01	3.6	30.0
1,2-Dichloroethene,Total	1.407	1.303	0.01	7.4	30.0
Chloroform	2.310	2.339	0.01	1.2	30.0
Tetrahydrofuran	0.246	0.194	0.01	21.1	30.0
1,1,1-Trichloroethane	0.492	0.531	0.01	7.9	30.0
Cyclohexane	0.318	0.294	0.01	7.5	30.0
Carbon tetrachloride	0.521	0.573	0.01	10.0	30.0
2,2,4-Trimethylpentane	1.120	0.952	0.01	15.0	30.0
Benzene	0.702	0.651	0.01	7.3	30.0
1,2-Dichloroethane	0.326	0.313	0.01	4.0	30.0
n-Heptane	0.418	0.329	0.01	21.3	30.0
Trichloroethene	0.316	0.313	0.01	0.9	30.0
1,2-Dichloropropane	0.263	0.229	0.01	12.9	30.0
1,4-Dioxane	0.103	0.095	0.01	7.8	30.0
Bromodichloromethane	0.519	0.534	0.01	2.9	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Instrument ID: F Calibration Date: 06/03/10 Time: 1030

Lab File ID: FDN10ANV Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.385	0.01	6.8	30.0
Methyl Isobutyl Ketone	0.519	0.418	0.01	19.5	30.0
Toluene	0.542	0.513	0.01	5.4	30.0
trans-1,3-Dichloropropene	0.434	0.416	0.01	4.1	30.0
1,1,2-Trichloroethane	0.268	0.254	0.01	5.2	30.0
Tetrachloroethene	0.473	0.491	0.01	3.8	30.0
Methyl Butyl Ketone	0.526	0.422	0.01	19.8	30.0
Dibromochloromethane	0.562	0.596	0.01	6.0	30.0
1,2-Dibromoethane	0.504	0.511	0.01	1.4	30.0
Chlorobenzene	0.763	0.727	0.3	4.7	30.0
Ethylbenzene	1.189	1.164	0.01	2.1	30.0
Xylene (m,p)	0.484	0.464	0.01	4.1	30.0
Xylene (o)	0.477	0.460	0.01	3.6	30.0
Xylenes, Total	0.477	0.460	0.01	3.6	30.0
Styrene	0.747	0.708	0.01	5.2	30.0
Bromoform	0.590	0.670	0.01	13.6	30.0
1,1,2,2-Tetrachloroethane	0.708	0.675	0.01	4.7	30.0
4-Ethyltoluene	1.409	1.405	0.01	0.3	30.0
1,3,5-Trimethylbenzene	1.163	1.169	0.01	0.5	30.0
2-Chlorotoluene	1.274	1.271	0.01	0.2	30.0
1,2,4-Trimethylbenzene	1.178	1.181	0.01	0.2	30.0
1,3-Dichlorobenzene	0.841	0.868	0.01	3.2	30.0
1,4-Dichlorobenzene	0.838	0.876	0.01	4.5	30.0
1,2-Dichlorobenzene	0.792	0.834	0.01	5.3	30.0
1,2,4-Trichlorobenzene	0.686	0.658	0.01	4.1	30.0
Hexachlorobutadiene	0.617	0.650	0.01	5.3	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137497

Lab File ID (Standard): FDN10ANV Date Analyzed: 06/03/10

Instrument ID: F Time Analyzed: 1030

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	442712	9.60	2131855	10.99	2042356	15.09
	UPPER LIMIT	619797	9.93	2984597	11.32	2859298	15.42
	LOWER LIMIT	265627	9.27	1279113	10.66	1225414	14.76
	CLIENT SAMPLE NO.						
01	FA060310LCS	448002	9.60	2163711	10.99	2083633	15.09
02	MBLK060310FA	474317	9.59	2328940	10.98	2152030	15.09
03	CE-AA	463738	9.59	2251829	10.99	2086918	15.09
04	CE-VAPOR-5	418819	9.59	2061815	10.99	1916417	15.09
05	CE-VAPOR-6	480770	9.59	2336994	10.99	2169992	15.09
06	CE-VAPOR-7	490456	9.60	2377003	10.99	2219810	15.09
07	CE-VAPOR-8	481274	9.59	2323060	10.99	2167274	15.09
08							
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

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

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

TestAmerica
South Burlington, VT

Extended Data Package

NY137572

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 24, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave. South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137572

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on June 3rd, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 06/03/10 ETR No: 137572		
831824	CE-VAPOR-1	06/01/10	AIR
831825	CE-VAPOR-2	06/01/10	AIR
831826	CE-VAPOR-3	06/01/10	AIR
831827	CE-VAPOR-4	06/01/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

Chain of Custody **14**

QC Summary TO-15 Volatile **16**

Supportive Documentation TO-15 Volatile **24**

Standards TO-15 Volatile **64**

Raw QC Data TO-15 Volatile **111**

Sample Preparation TO-15 Volatile **130**

Sample Handling **136**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831824

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0		2.0	8.2		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831824

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	3.3		2.0	14		8.7
Xylenes, Total	1330-20-7	3.3		2.0	14		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.7		2.0	18		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831825

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	4.6		2.0	21		9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	5.2		2.0	21		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831825

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.1		2.0	9.1		8.7
Xylenes, Total	1330-20-7	2.1		2.0	9.1		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.9		2.0	14		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831826

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831826

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.9		2.0	13		8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	6.3		2.0	27		8.7
Xylenes, Total	1330-20-7	6.3		2.0	27		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.4		2.0	17		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	3.7		2.0	15		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	6.6		2.0	29		8.7
Xylene (m,p)	1330-20-7	6.9		4.0	30		17
Xylene (o)	95-47-6	15		2.0	65		8.7
Xylenes, Total	1330-20-7	22		2.0	96		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	7.1		2.0	35		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	10		0.50	49		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.8		0.20	69		1.4
Chloromethane	74-87-3	7.6		0.50	16		1.0
Vinyl Chloride	75-01-4	8.3		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.0		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	8.8		5.0	27		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.1		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.6		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.6		0.20	40		0.93
Benzene	71-43-2	9.4		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.7		0.20	39		0.81
n-Heptane	142-82-5	7.9		0.20	32		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.6		0.20	40		0.92
1,4-Dioxane	123-91-1	8.8		5.0	32		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.3		0.20	42		0.91
Methyl Isobutyl Ketone	108-10-1	8.3		0.50	34		2.0
Toluene	108-88-3	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.6		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	10		0.20	68		1.4
Methyl Butyl Ketone	591-78-6	8.2		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.9		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.6		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.5		0.20	40		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.3		0.20	64		1.4
4-Ethyltoluene	622-96-8	10		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	9.9		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	10		0.20	60		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

*: Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

FQA009:02.18.08:4
TestAmerica Burlington

Chain of Custody

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

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. O. (MATT OLESKE)	1 of 1 COCs
Company: AKRF Inc.	Phone: 646.388.9525		
Address: 440 PARK AVE SOUTH 7th FLOOR	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARESATE		
Project Name: CE FLUSHING	Analysis Turnaround Time		
Site: 40-22 College Pt. Blvd. Flushing, NY	Standard (Specify) X		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-1	6/1/2010	11:06	11:36	-30	-6	4631	2730	X									X		
CE-VAPOR-2	6/1/2010	11:07	11:37	~~-31~~ -30	-12	4606	4545	X									X		
CE-VAPOR-3	6/1/2010	11:06	11:36	~~-28~~ -31	-4	4612	4211	X									X		
CE-VAPOR-4	6/1/2010	11:04	11:34	~~-31~~ -28	-4	4591	3160	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86.0	89.2
Stop	86.6	89.5

Pressure (inches of Hg)	Interior	Ambient
Start	29.78	29.78
Stop	29.78	29.78

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 6/1/2010 19:45	Samples Received by: 6/3/10 1025
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		10	100	70-130
1,2-Dichlorotetrafluoro	10		9.8	98	70-130
Chloromethane	10		7.6	76	70-130
Vinyl Chloride	10		8.3	83	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.0	80	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		8.8	88	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.1	91	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.6	96	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.6	86	70-130
Benzene	10		9.4	94	70-130
1,2-Dichloroethane	10		9.7	97	70-130
n-Heptane	10		7.9	79	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.6	86	70-130
1,4-Dioxane	10		8.8	88	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.3	93	70-130
Methyl Isobutyl Ketone	10		8.3	83	70-130
Toluene	10		9.5	95	70-130
trans-1,3-Dichloroprope	10		9.6	96	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		10	100	70-130
Methyl Butyl Ketone	10		8.2	82	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.6	96	70-130
Ethylbenzene	10		9.9	99	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.6	96	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.5	95	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.3	93	70-130
4-Ethyltoluene	10		10	100	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		10	100	70-130
1,2,4-Trimethylbenzene	10		9.9	99	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		10	100	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

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

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDNB01AS Lab Sample ID: MBLK060910FA

Date Analyzed: 06/09/10 Time Analyzed: 1334

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060910LCS	FA060910LCS	FDN10ASQ	1243
02	CE-VAPOR-1	831824	831824D	1817
03	CE-VAPOR-2	831825	831825D	1907
04	CE-VAPOR-3	831826	831826D	1958
05	CE-VAPOR-4	831827	831827D	2049
06				
07				
08				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
08					
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN46PV BFB Injection Date: 06/09/10

Instrument ID: F BFB Injection Time: 0942

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.7
75	30.0 - 66.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	84.2
175	4.0 - 9.0% of mass 174	5.8 (6.9)1
176	93.0 - 101.0% of mass 174	80.8 (96.0)1
177	5.0 - 9.0% of mass 176	5.3 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN1ASV2	06/09/10	1152
02	FA060910LCS	FA060910LCS	FDN10ASQ	06/09/10	1243
03	MBLK060910FA	MBLK060910FA	FDNB01AS	06/09/10	1334
04	CE-VAPOR-1	831824	831824D	06/09/10	1817
05	CE-VAPOR-2	831825	831825D	06/09/10	1907
06	CE-VAPOR-3	831826	831826D	06/09/10	1958
07	CE-VAPOR-4	831827	831827D	06/09/10	2049
08					
09					
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22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID (Standard): FDN1ASV2 Date Analyzed: 06/09/10

Instrument ID: F Time Analyzed: 1152

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	385677	9.59	1880491	10.98	1827895	15.09
	UPPER LIMIT	539948	9.92	2632687	11.31	2559053	15.42
	LOWER LIMIT	231406	9.26	1128295	10.65	1096737	14.76
	CLIENT SAMPLE NO.						
01	FA060910LCS	443752	9.60	2139957	10.99	2055673	15.09
02	MBLK060910FA	460219	9.59	2251786	10.98	2065870	15.09
03	CE-VAPOR-1	363919	9.59	1804176	10.98	1740937	15.09
04	CE-VAPOR-2	441695	9.59	2146033	10.98	2040032	15.09
05	CE-VAPOR-3	472881	9.59	2258252	10.98	2107067	15.09
06	CE-VAPOR-4	471363	9.59	2265109	10.98	2133409	15.09
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20							
21							
22							

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

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

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

Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

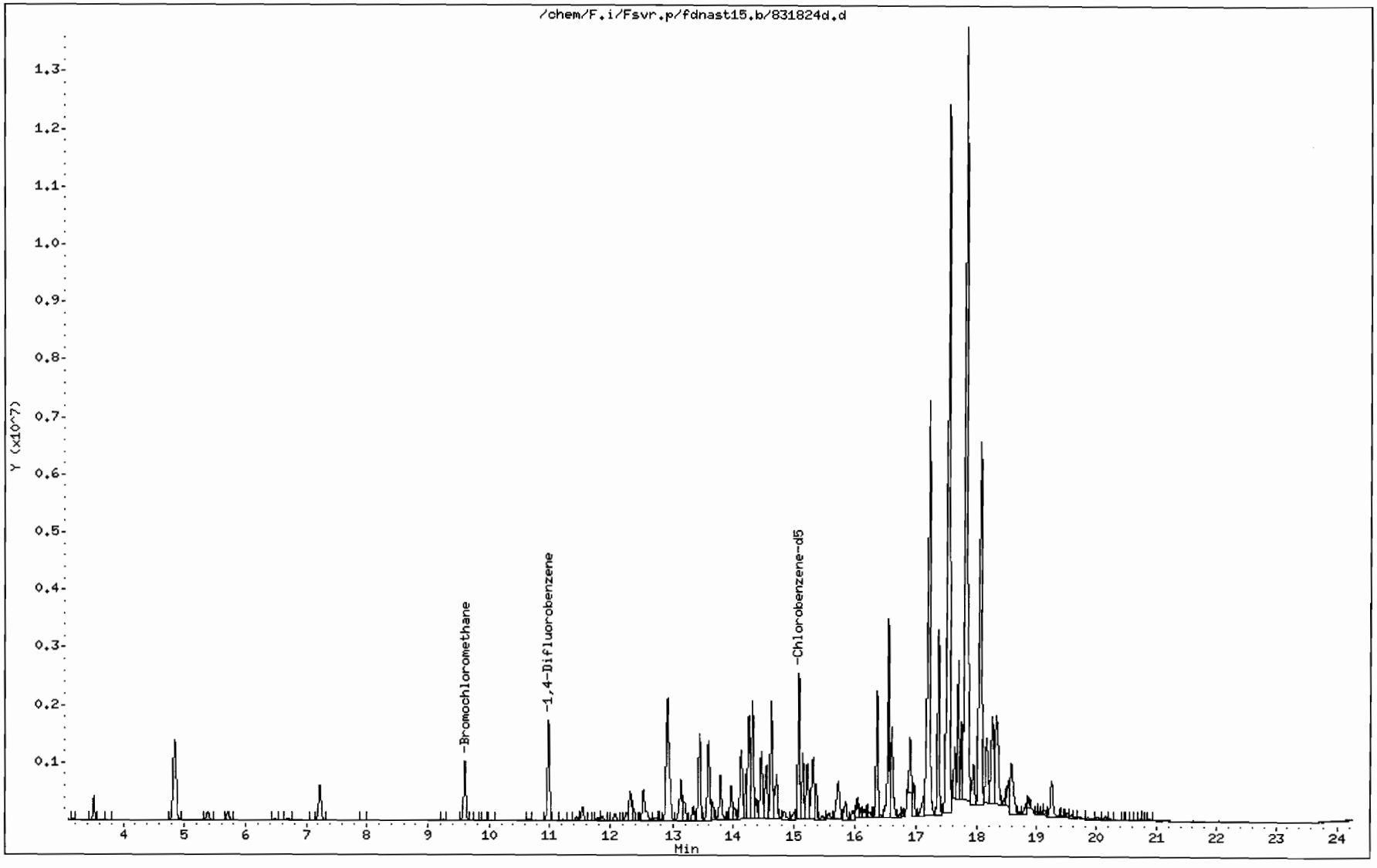
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	3.3	
1330-20-7	Xylenes, Total	3.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.7	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d
Date : 09-JUN-2010 18:17
Client ID: CE-VAPOR-1
Sample Info: CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)
Purge Volume: 20.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831824d.d
Lab Smp Id: 831824 Client Smp ID: CE-VAPOR-1
Inj Date : 09-JUN-2010 18:17
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)
Misc Info : 831824;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 8
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	25 Methylene chloride	49	Compound Not Detected.					
	26 tert-Butyl Alcohol	59	Compound Not Detected.					
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.					
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	363919	10.0000	
	39 Chloroform	83	Compound Not Detected.					
	38 Tetrahydrofuran	42	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.657	10.678	(0.970)	15141	0.20070	2.0
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	1804176	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 Methyl Butyl Ketone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	1740937	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
	71 Xylene (o)	106	15.862	15.883	(1.051)	27499	0.33122	3.3(Q)
M	70 Xylenes, Total	106				27499	0.33122	3.3
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	80 4-Ethyltoluene	105	Compound Not Detected.					
	82 1,3,5-Trimethylbenzene	105	16.948	16.975	(1.123)	74321	0.36705	3.7
	81 2-Chlorotoluene	91	Compound Not Detected.					
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	88 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d

Date : 09-JUN-2010 18:17

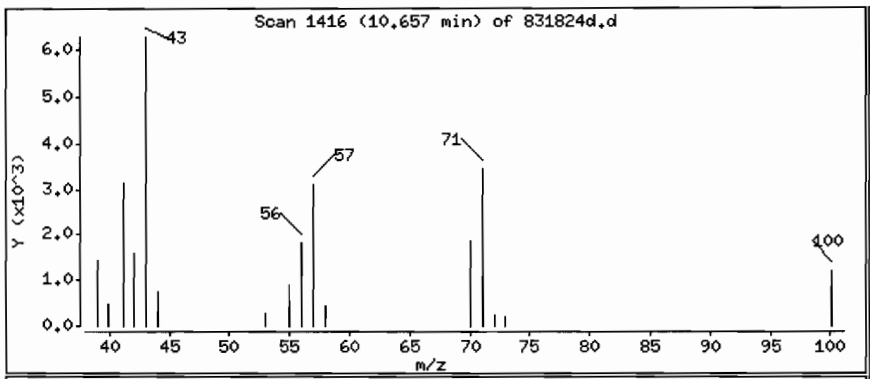
Client ID: CE-VAPOR-1 Instrument: F.i

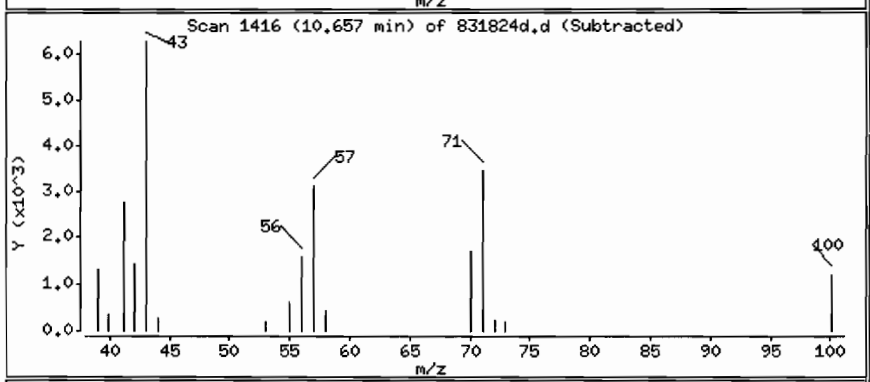
Sample Info: CE-VAPOR-1 :[J06/01/10 @1136(AIR)

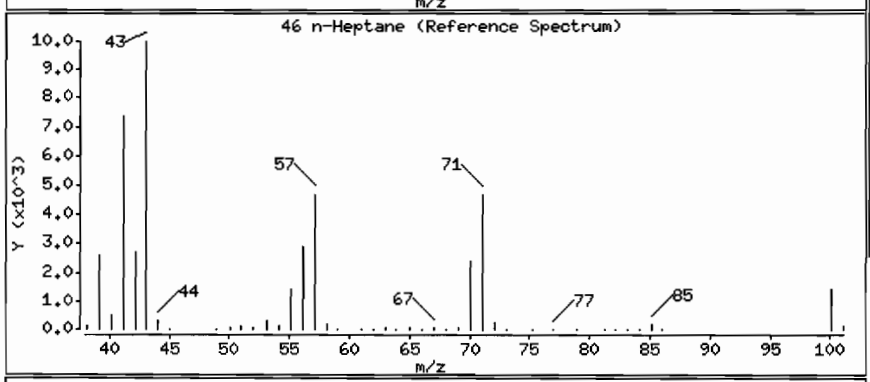
Purge Volume: 20.0 Operator: wrd

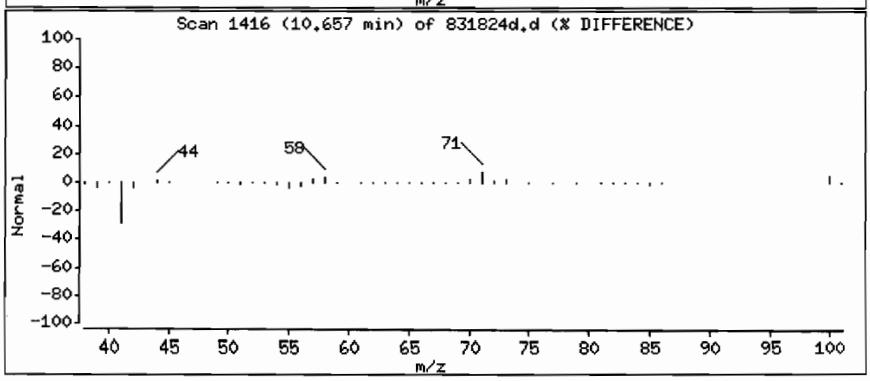
Column phase: RTX-624 Column diameter: 0.32

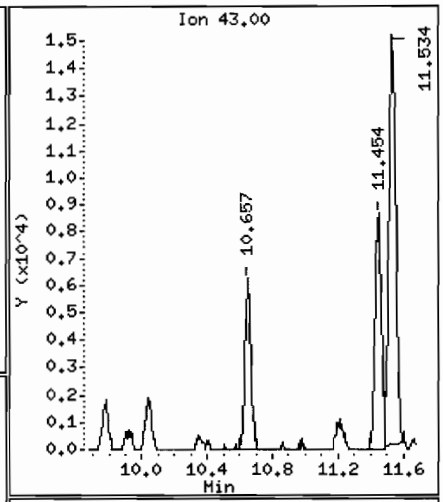
46 n-Heptane Concentration: 2.0 ppbv

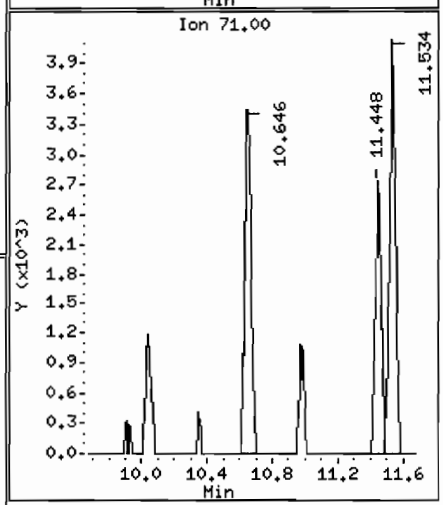












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d

Date : 09-JUN-2010 18:17

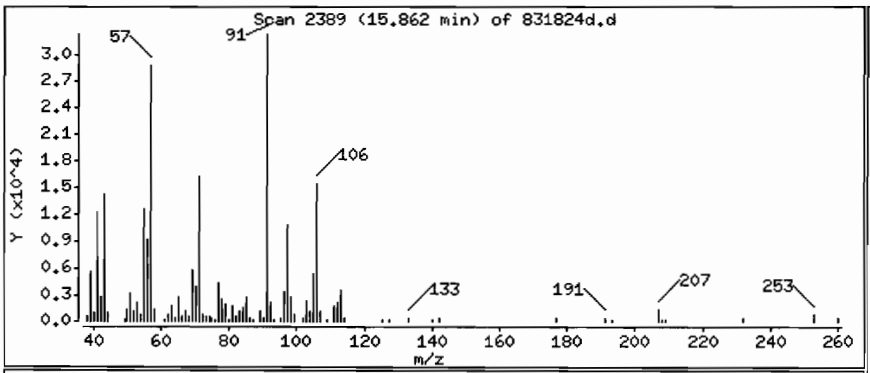
Client ID: CE-VAPOR-1 Instrument: F.i

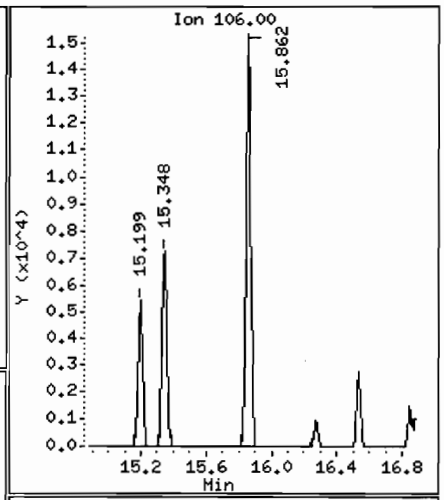
Sample Info: CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)

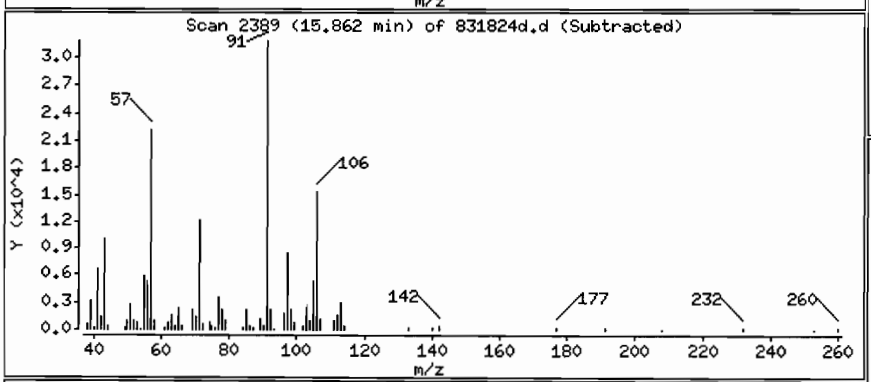
Purge Volume: 20.0 Operator: wrd

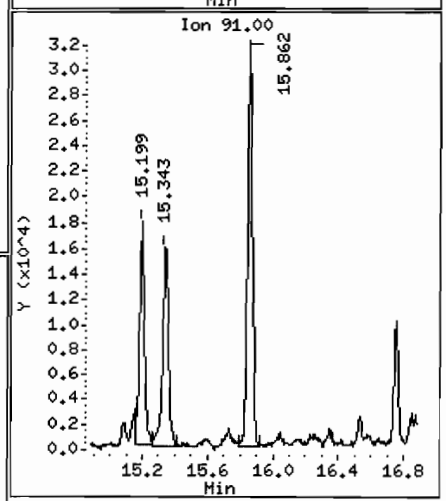
Column phase: RTX-624 Column diameter: 0.32

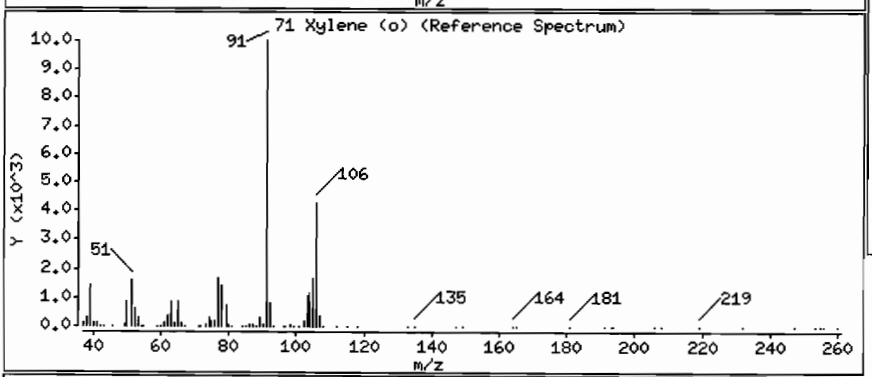
71 Xylene (o) Concentration: 3.3 ppbv

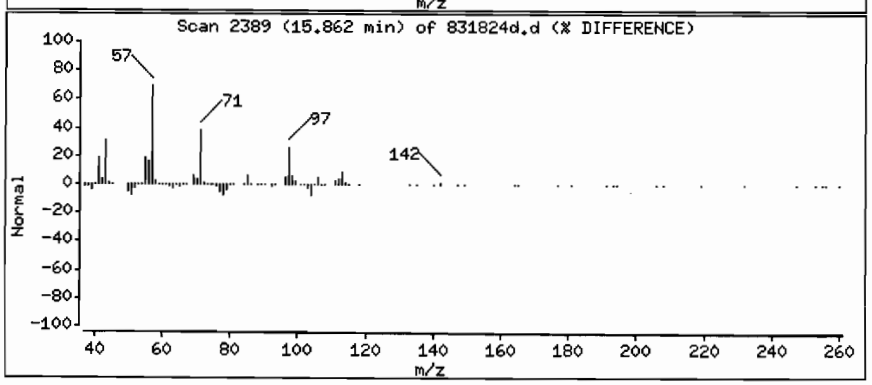












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831824d.d

Date : 09-JUN-2010 18:17

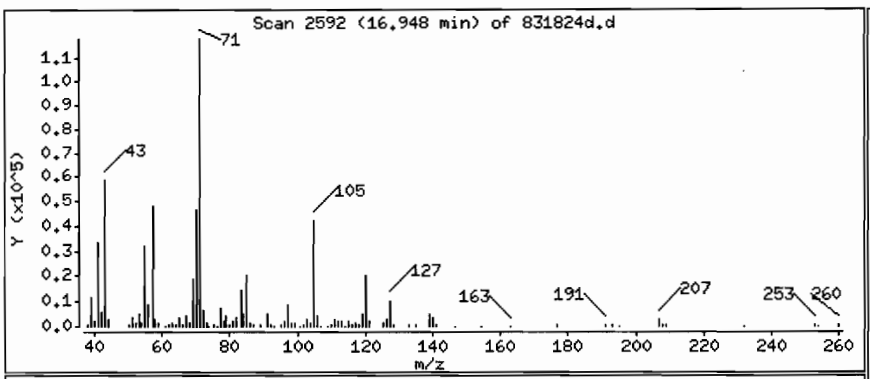
Client ID: CE-VAPOR-1 Instrument: F.i

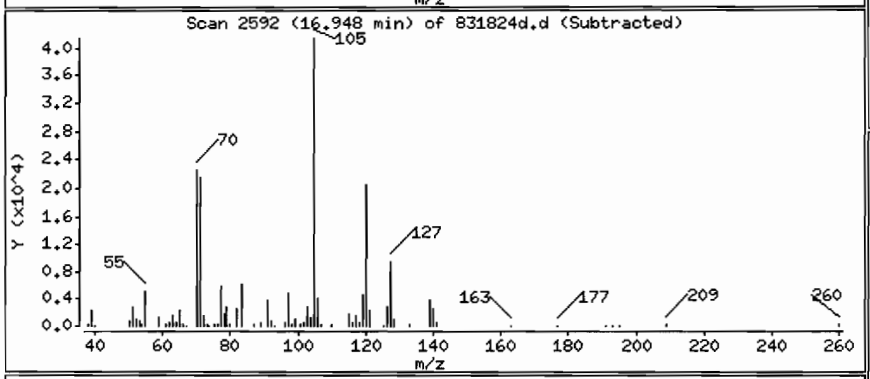
Sample Info: CE-VAPOR-1 :[ ]06/01/10 @1136(AIR)

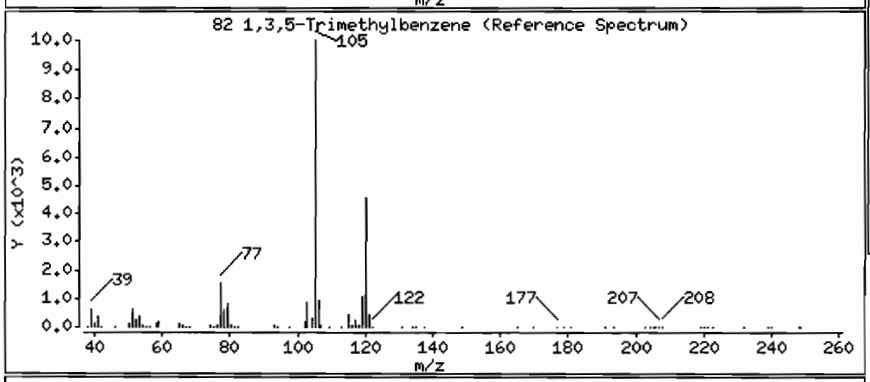
Purge Volume: 20.0 Operator: wrd

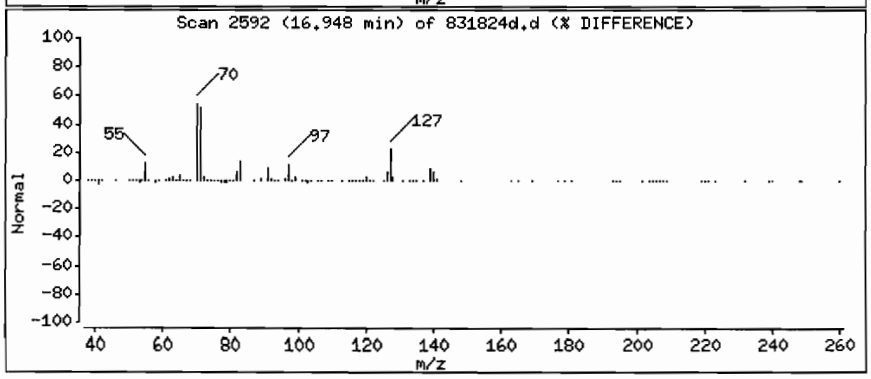
Column phase: RTX-624 Column diameter: 0.32

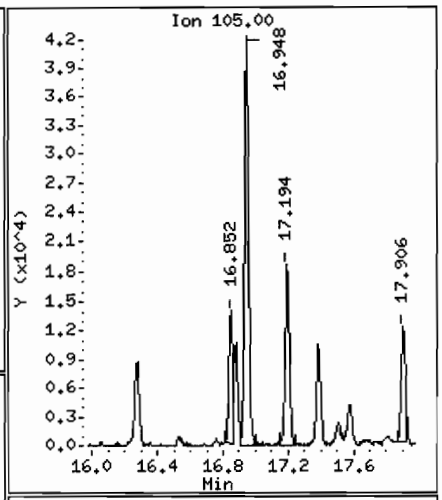
82 1,3,5-Trimethylbenzene Concentration: 3.7 ppbv

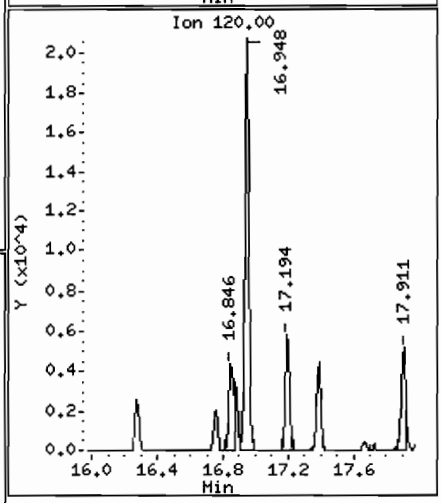












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	4.6	
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	5.2	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

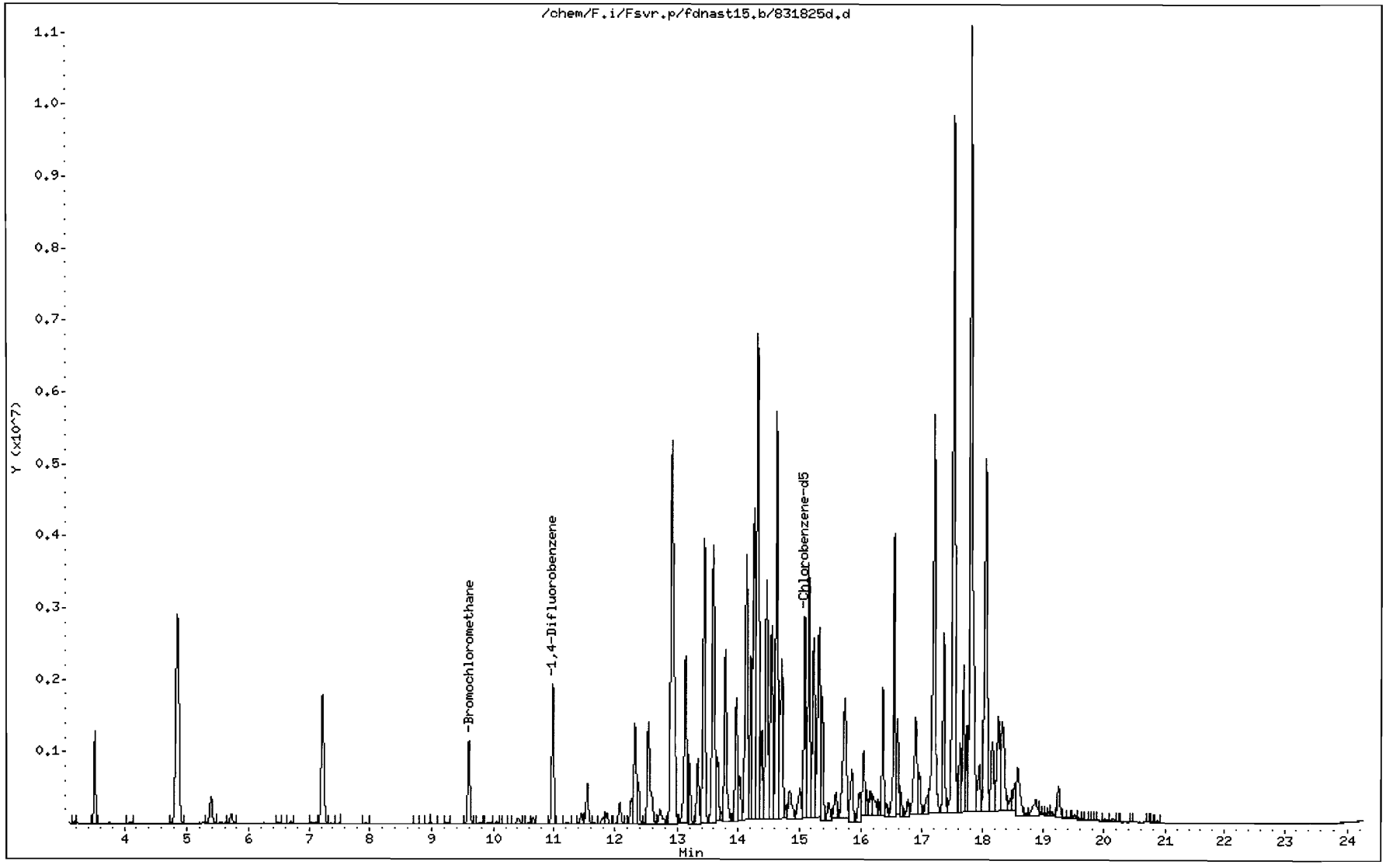
Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.1	
1330-20-7	Xylenes, Total	2.1	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.9	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d
Date : 09-JUN-2010 19:07
Client ID: CE-VAPOR-2
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831825d.d
Lab Smp Id: 831825 Client Smp ID: CE-VAPOR-2
Inj Date : 09-JUN-2010 19:07
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)
Misc Info : 831825;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	441695	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	10.405	10.432	(0.947)	111406	0.46352	4.6	
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	10.651	10.678	(0.970)	47103	0.52492	5.2	
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2146033	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2040032	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	15.862	15.883	(1.051)	20659	0.21235	2.1	(Q)
M	70 Xylenes, Total	106				20659	0.21235	2.1	
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.124)	68363	0.28813	2.9	
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

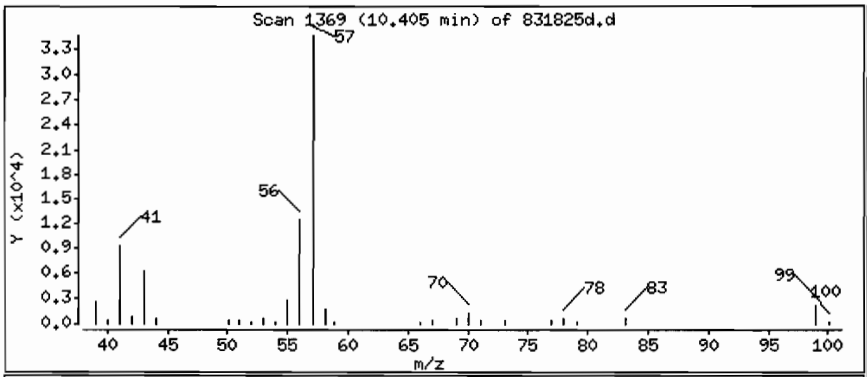
Client ID: CE-VAPOR-2 Instrument: F.i

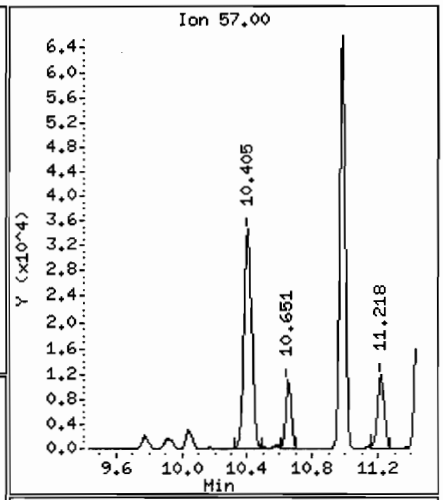
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

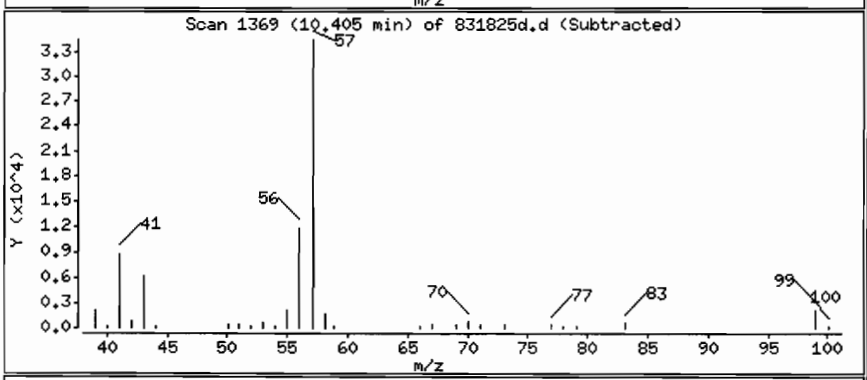
Purge Volume: 20.0 Operator: wrd

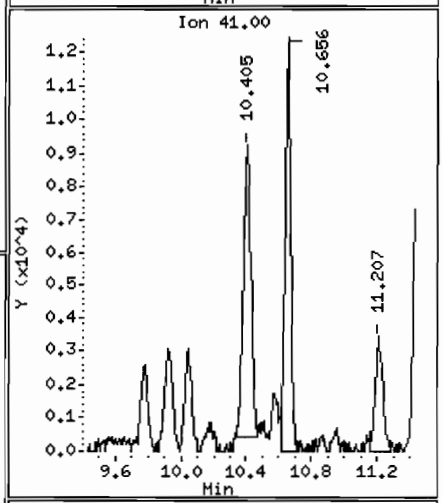
Column phase: RTX-624 Column diameter: 0.32

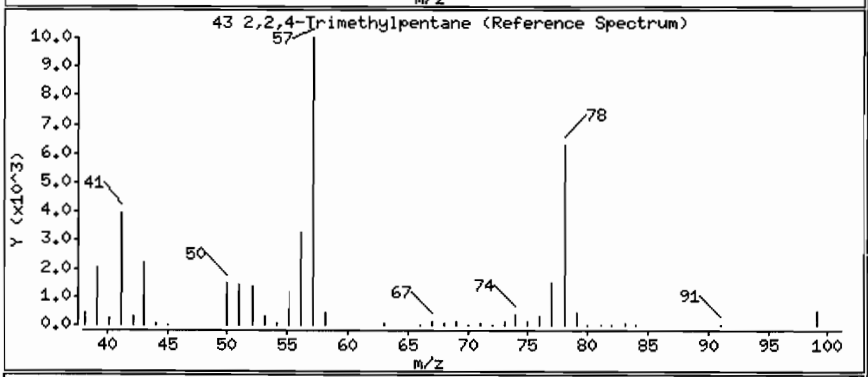
43 2,2,4-Trimethylpentane Concentration: 4.6 ppbv

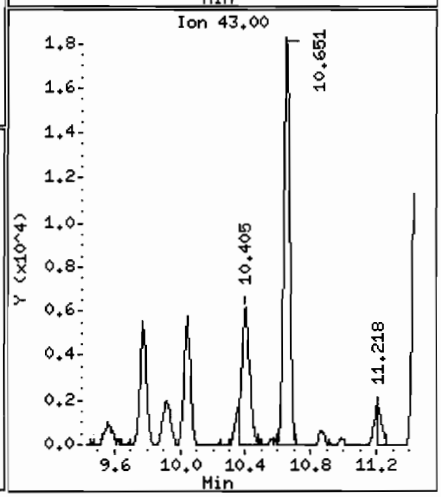


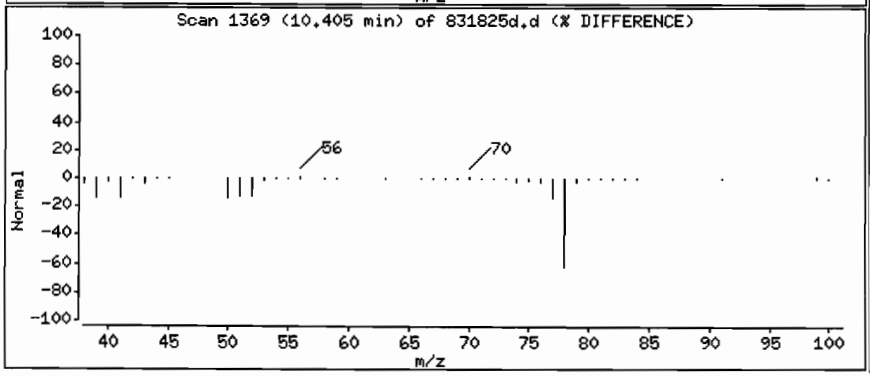












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

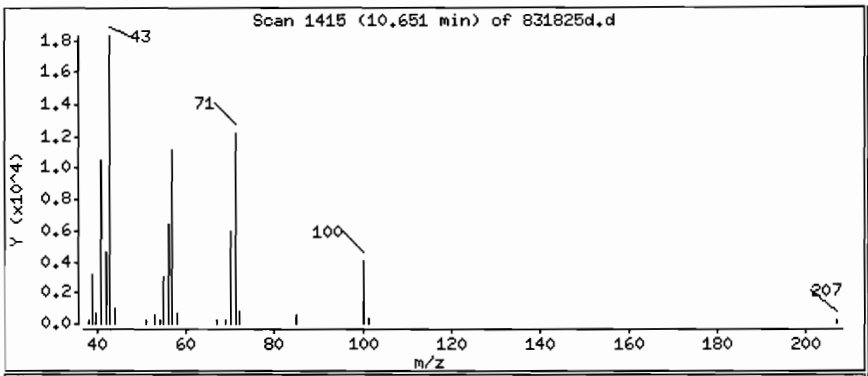
Client ID: CE-VAPOR-2 Instrument: F.i

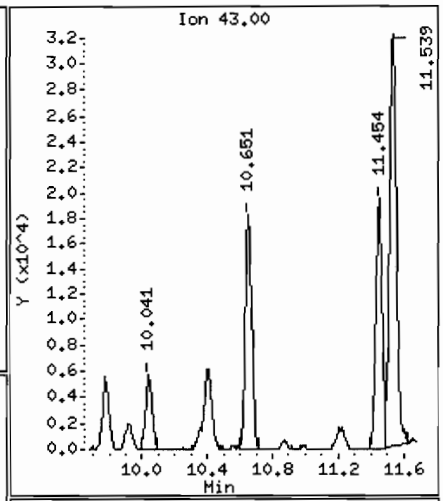
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

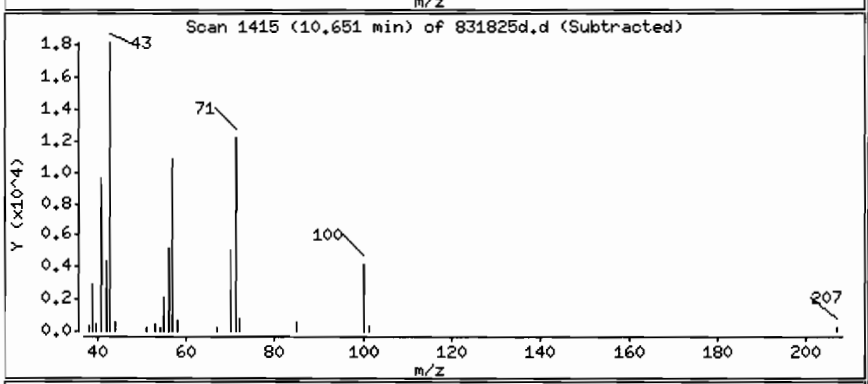
Purge Volume: 20.0 Operator: wrd

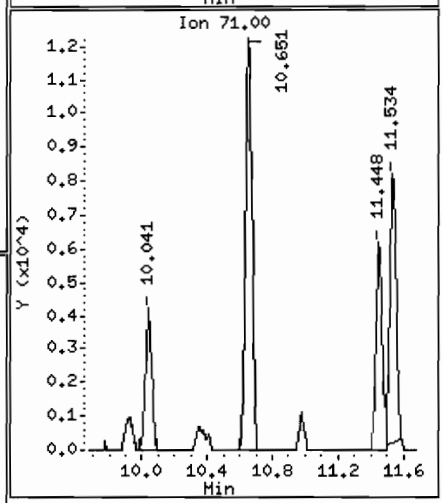
Column phase: RTX-624 Column diameter: 0.32

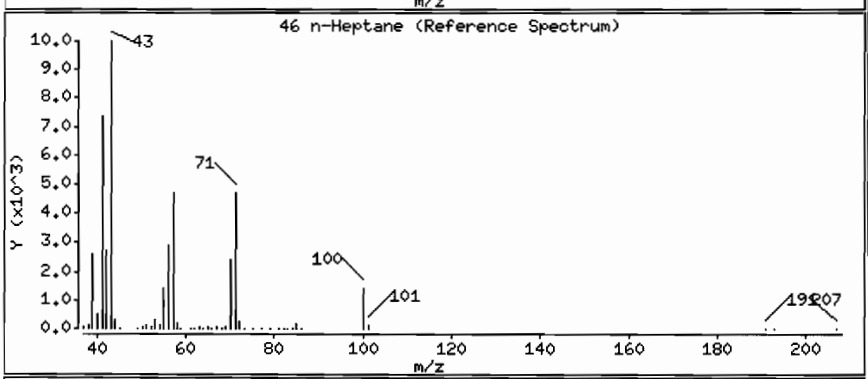
46 n-Heptane Concentration: 5.2 ppbv

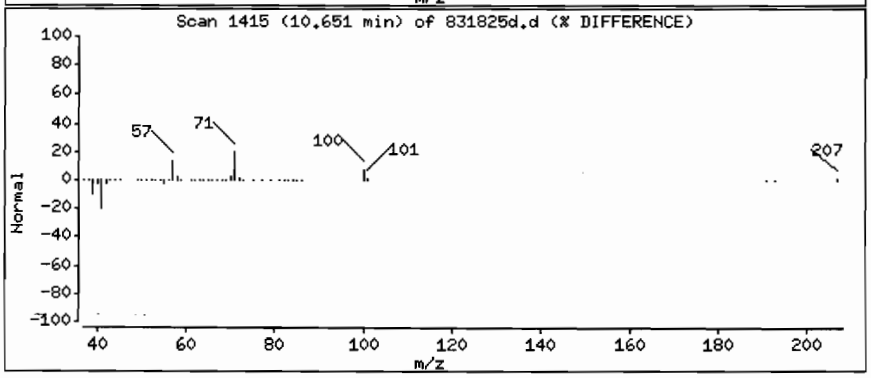












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

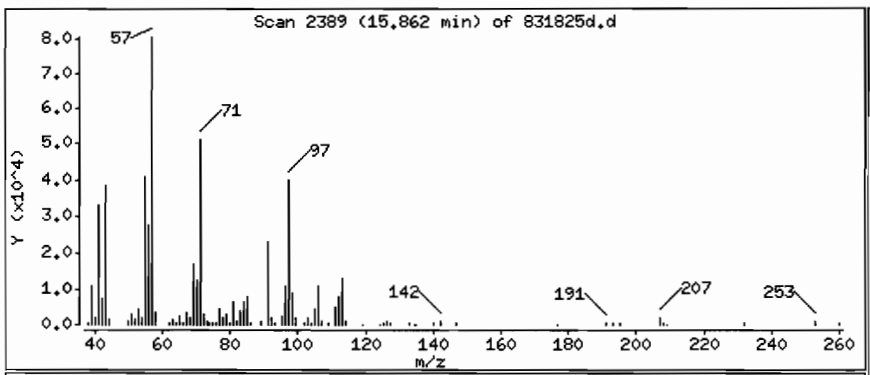
Client ID: CE-VAPOR-2 Instrument: F.i

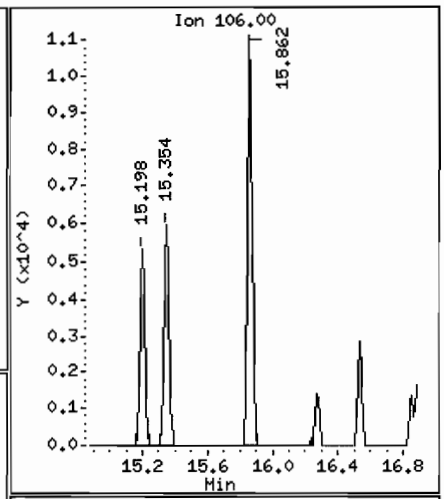
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

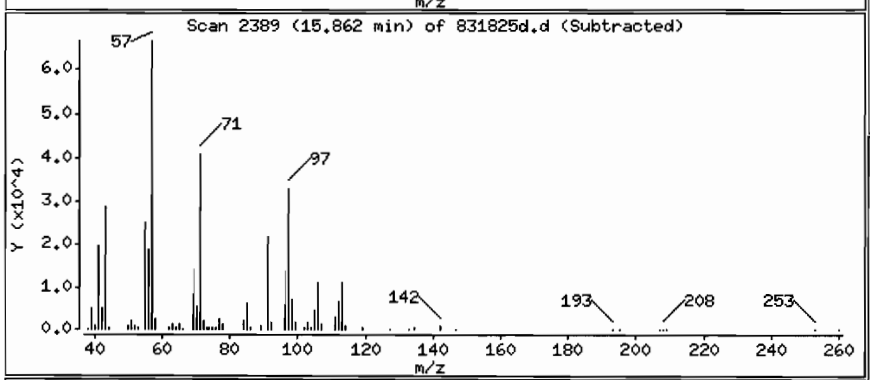
Purge Volume: 20.0 Operator: wrd

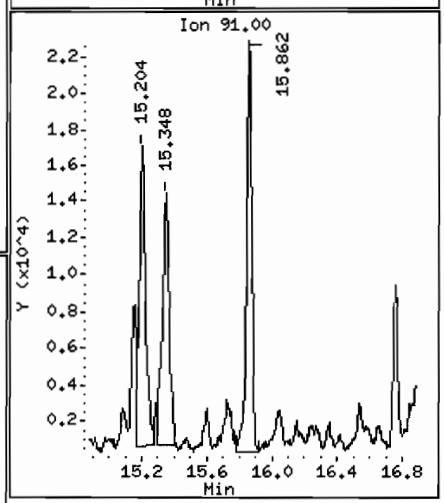
Column phase: RTX-624 Column diameter: 0.32

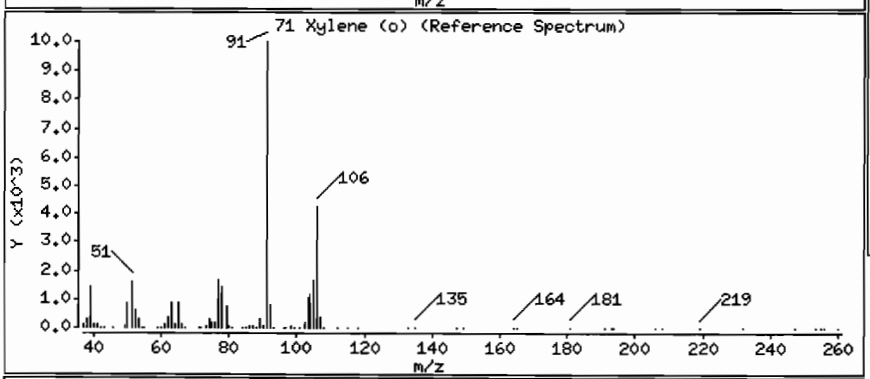
71 Xylene (o) Concentration: 2.1 ppbv

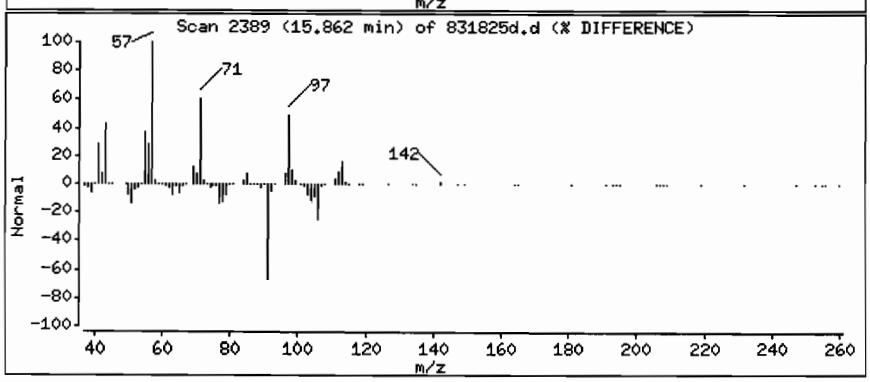












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831825d.d

Date : 09-JUN-2010 19:07

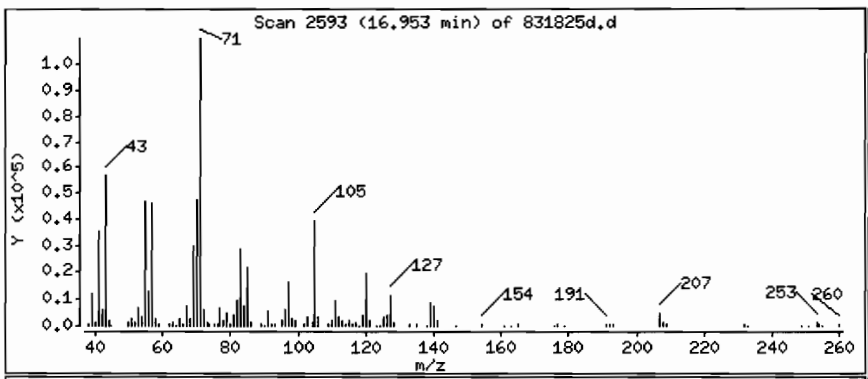
Client ID: CE-VAPOR-2 Instrument: F.i

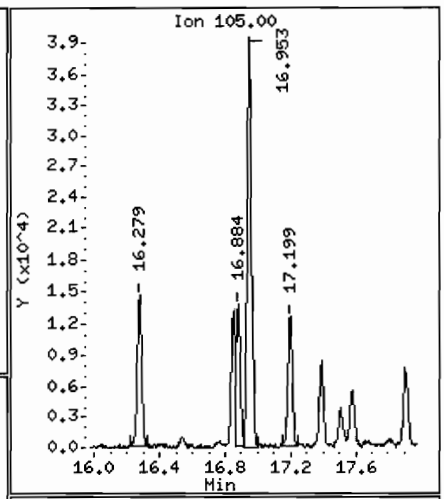
Sample Info: CE-VAPOR-2 :[ ]06/01/10 @1137(AIR)

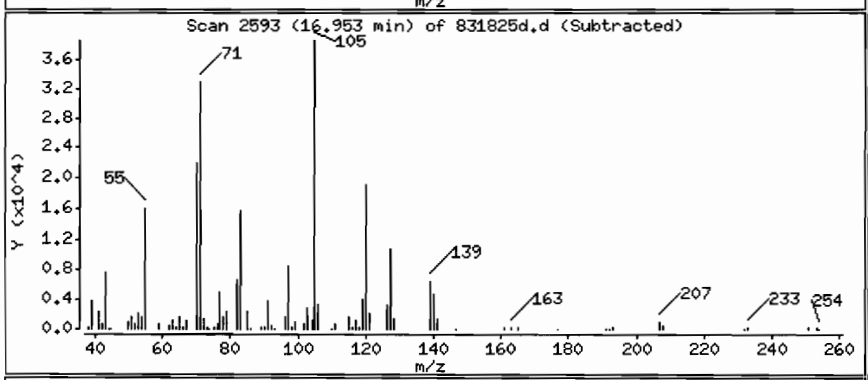
Purge Volume: 20.0 Operator: wrd

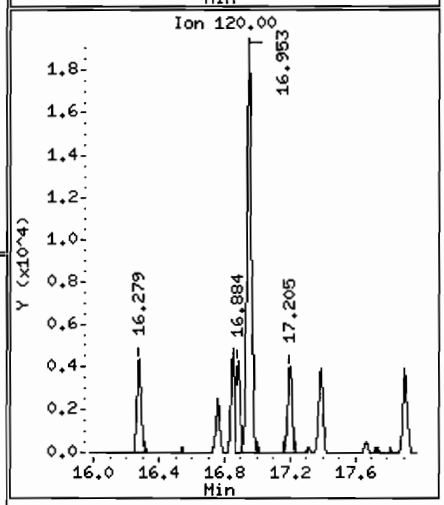
Column phase: RTX-624 Column diameter: 0.32

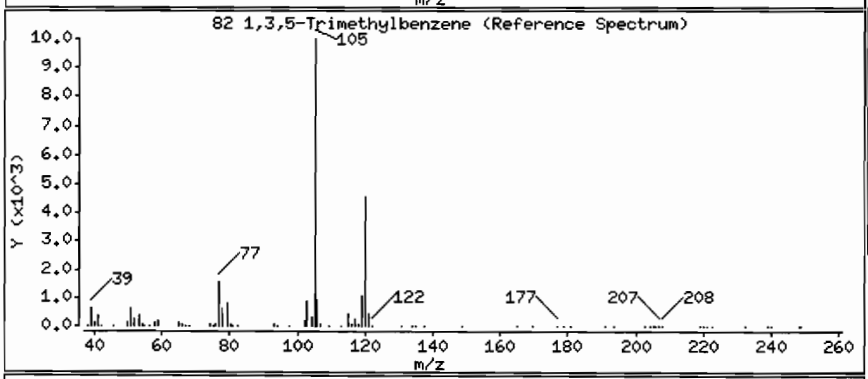
82 1,3,5-Trimethylbenzene Concentration: 2.9 ppbv

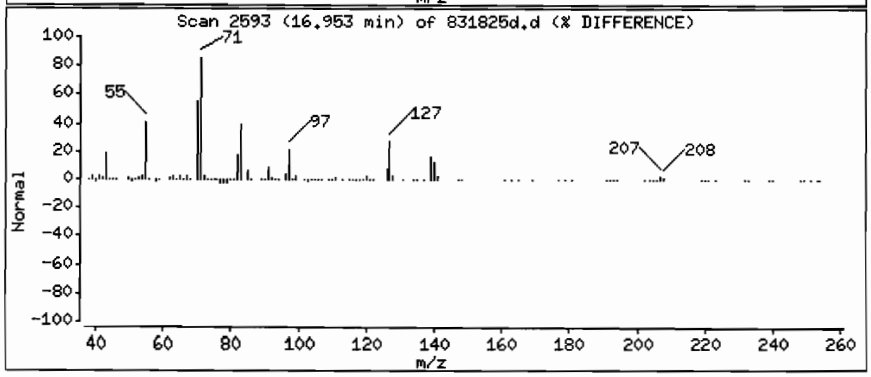












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

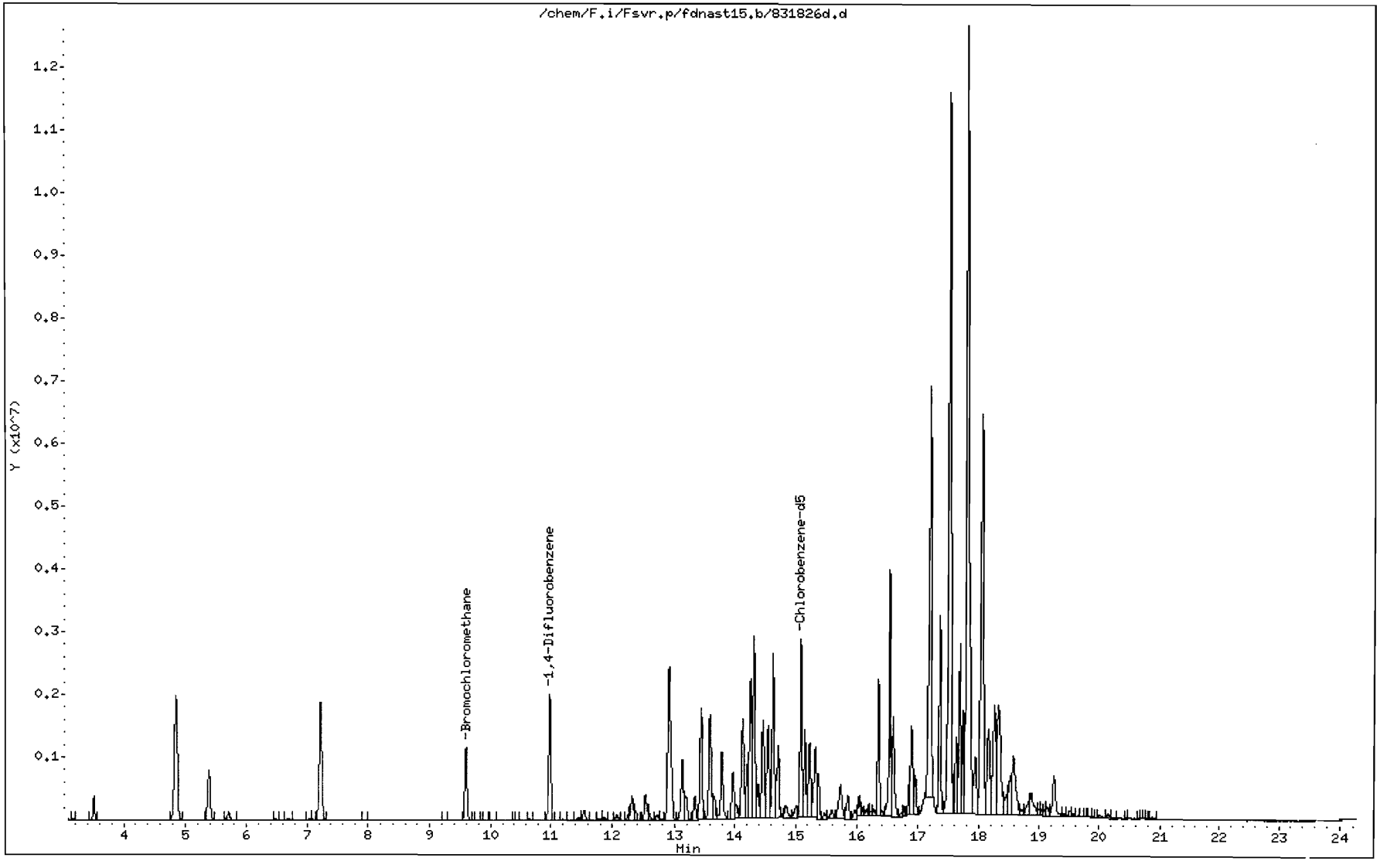
GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.9	
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	6.3	
1330-20-7	Xylenes, Total	6.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.4	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d
Date : 09-JUN-2010 19:58
Client ID: CE-VAPOR-3
Sample Info: CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)
Purge Volume: 20.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831826d.d
Lab Smp Id: 831826 Client Smp ID: CE-VAPOR-3
Inj Date : 09-JUN-2010 19:58
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)
Misc Info : 831826;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	472881	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2258252	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2107067	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	15.198	15.225	(1.007)	72398	0.28886	2.9	
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	15.856	15.883	(1.051)	63655	0.63348	6.3	
M	70 Xylenes, Total	106				63655	0.63348	6.3	
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	16.948	16.975	(1.123)	82694	0.33744	3.4	
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d

Date : 09-JUN-2010 19:58

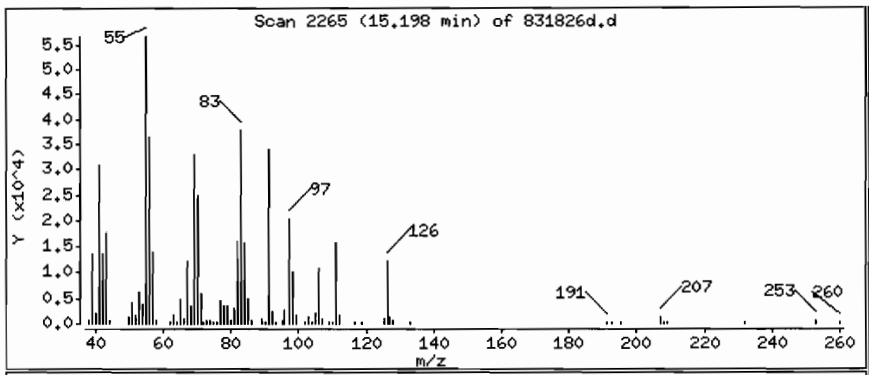
Client ID: CE-VAPOR-3 Instrument: F.i

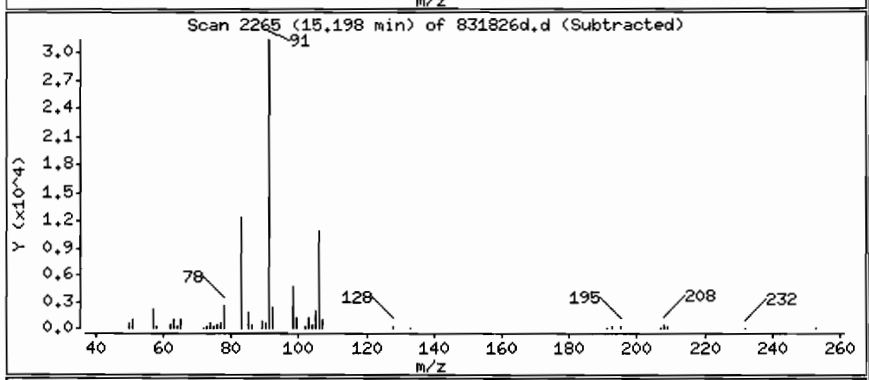
Sample Info: CE-VAPOR-3 :[J06/01/10 @1136(AIR)

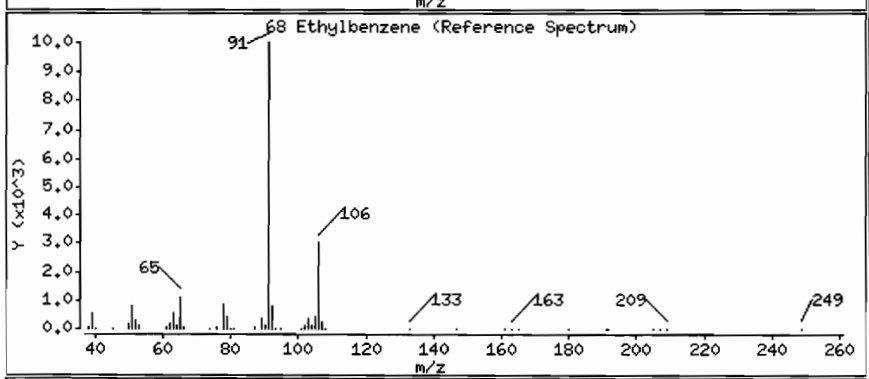
Purge Volume: 20.0 Operator: wrd

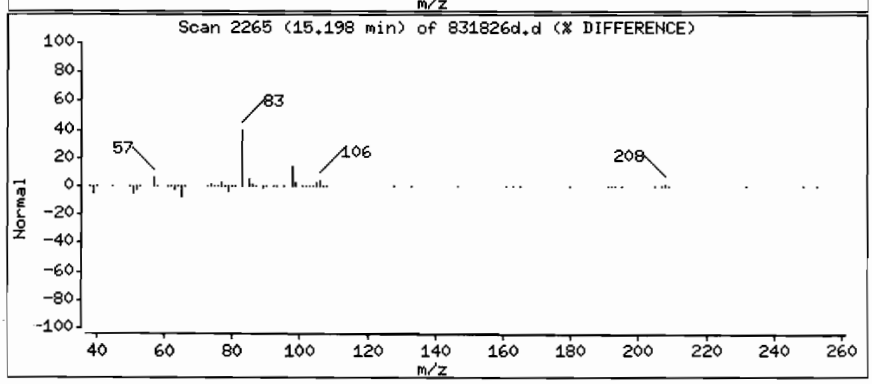
Column phase: RTX-624 Column diameter: 0.32

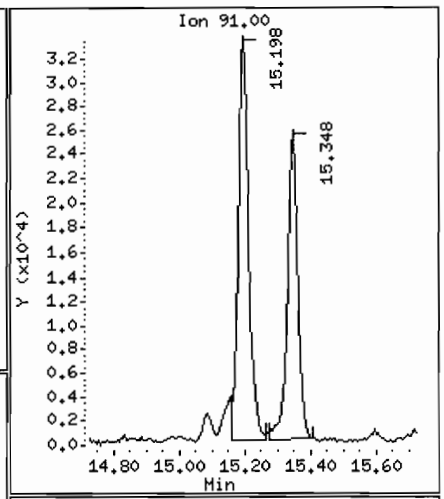
68 Ethylbenzene Concentration: 2.9 ppbv

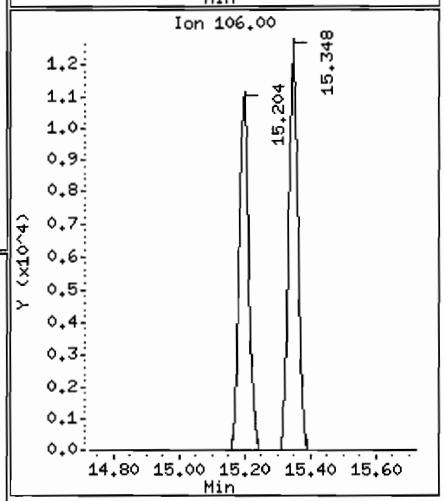












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d

Date : 09-JUN-2010 19:58

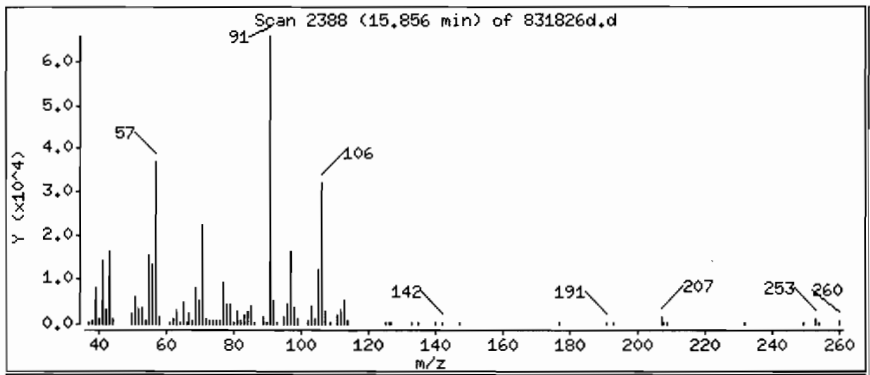
Client ID: CE-VAPOR-3 Instrument: F.i

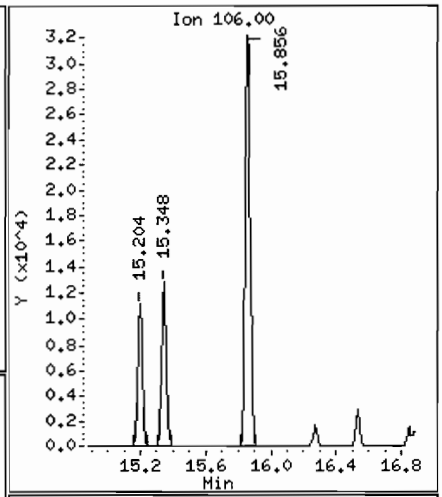
Sample Info: CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)

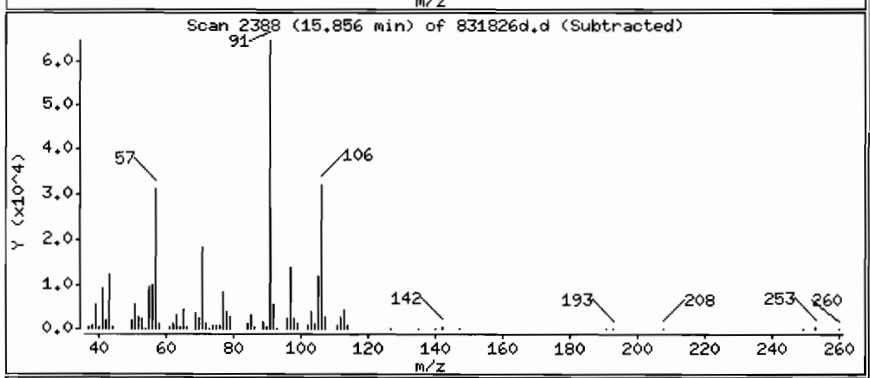
Purge Volume: 20.0 Operator: wrd

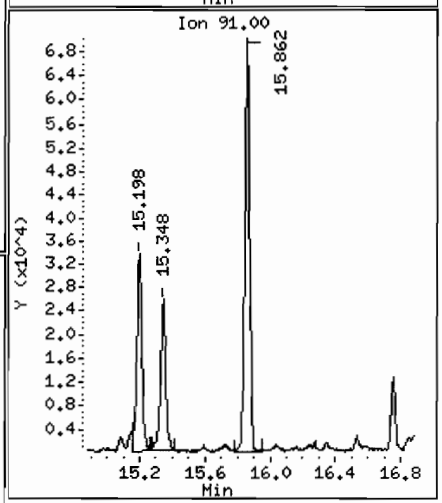
Column phase: RTX-624 Column diameter: 0.32

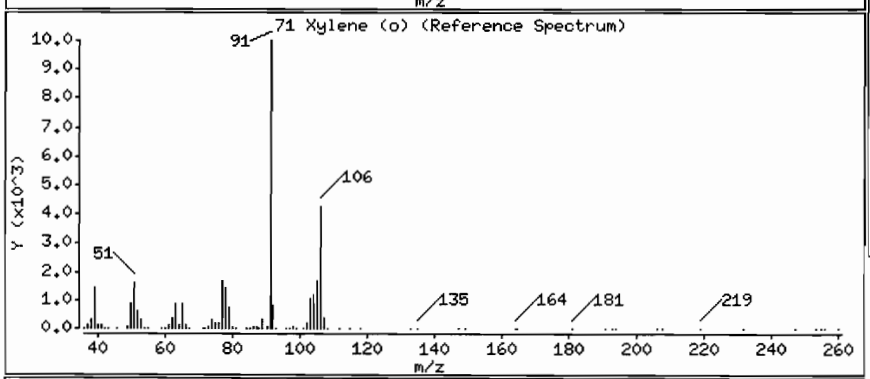
71 Xylene (o) Concentration: 6.3 ppbv

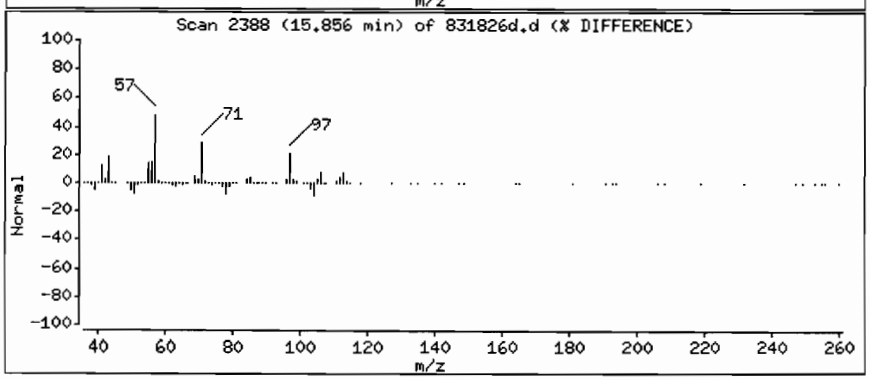












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831826d.d

Date : 09-JUN-2010 19:58

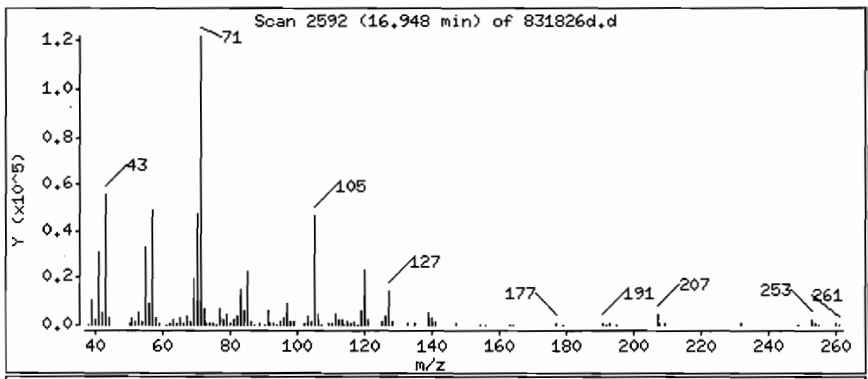
Client ID: CE-VAPOR-3 Instrument: F.i

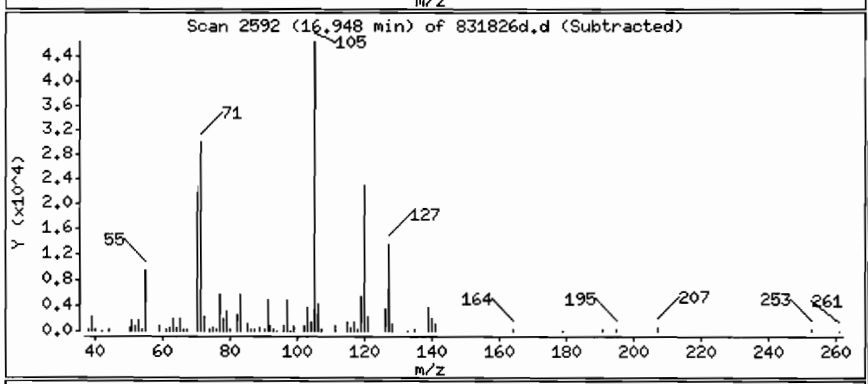
Sample Info: CE-VAPOR-3 :[ ]06/01/10 @1136(AIR)

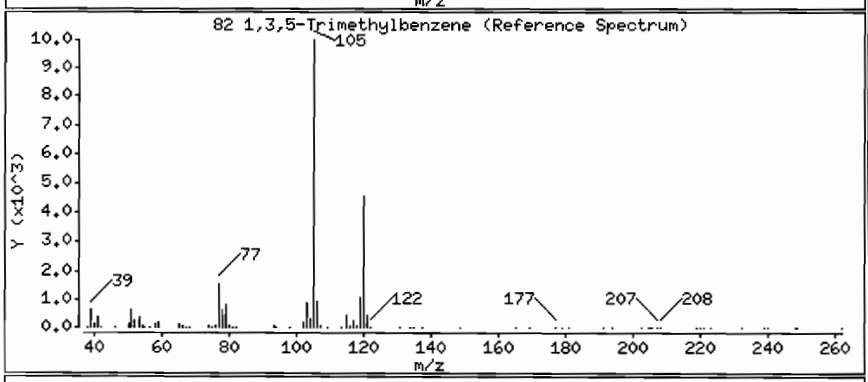
Purge Volume: 20.0 Operator: wrd

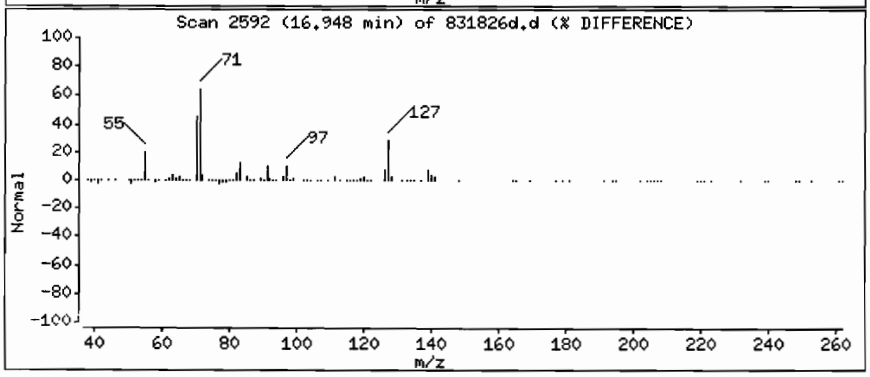
Column phase: RTX-624 Column diameter: 0.32

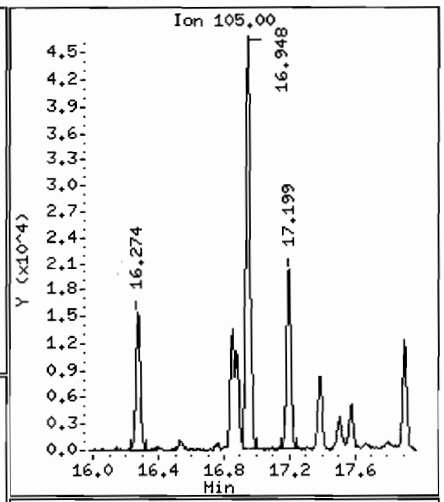
82 1,3,5-Trimethylbenzene Concentration: 3.4 ppbv

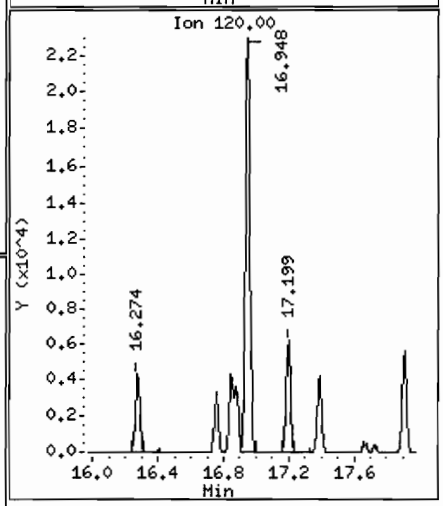












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	3.7	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

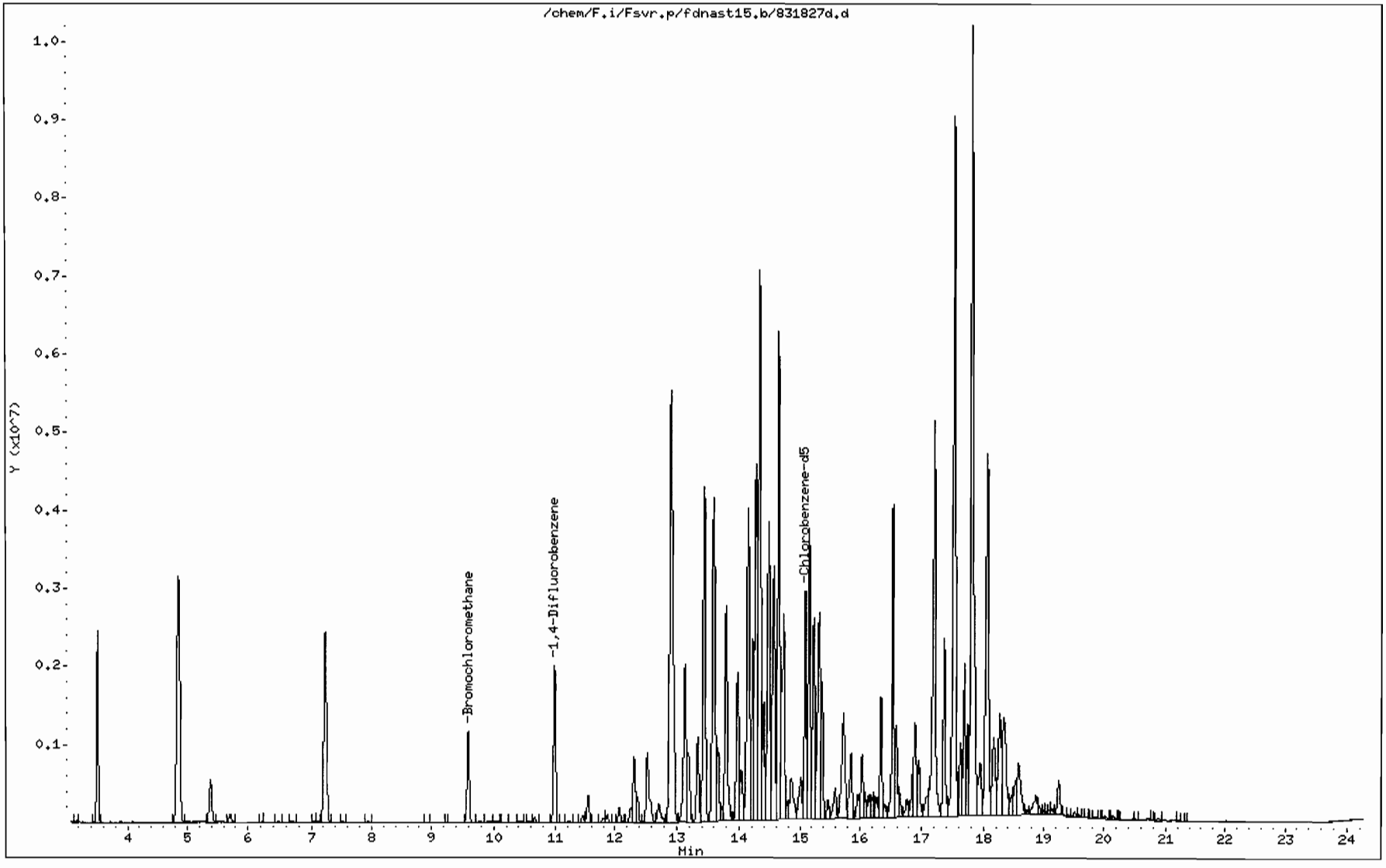
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	6.6	
1330-20-7	Xylene (m,p)	6.9	
95-47-6	Xylene (o)	15	
1330-20-7	Xylenes, Total	22	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	7.1	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM I VOA

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d
Date : 09-JUN-2010 20:49
Client ID: CE-VAPOR-4
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)
Purge Volume: 20.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/831827d.d
Lab Smp Id: 831827 Client Smp ID: CE-VAPOR-4
Inj Date : 09-JUN-2010 20:49
Operator : wrd Inst ID: F.i
Smp Info : CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)
Misc Info : 831827;060910FA;10;20
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 11
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	20.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	471363	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	10.657	10.678	(0.970)	35369	0.37343		3.7
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2265109	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2133409	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	15.198	15.225	(1.007)	168609	0.66441		6.6
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	71395	0.69213		6.9(Q)
	71 Xylene (o)	106	15.862	15.883	(1.051)	150879	1.48298		15
M	70 Xylenes, Total	106				222274	2.18471		22
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.124)	175093	0.70565		7.1
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

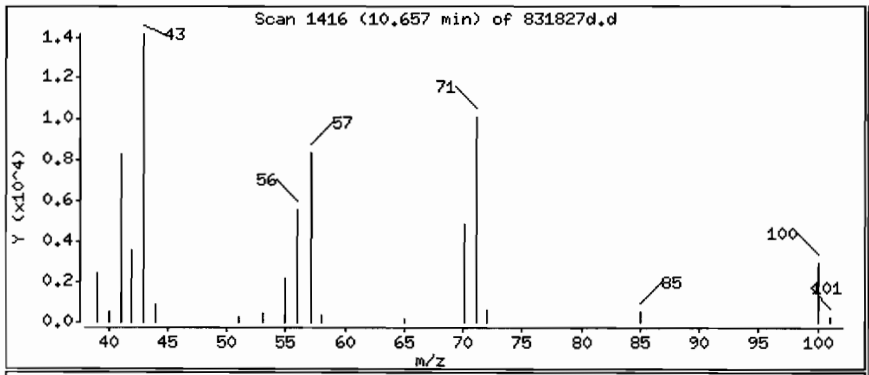
Client ID: CE-VAPOR-4 Instrument: F.i

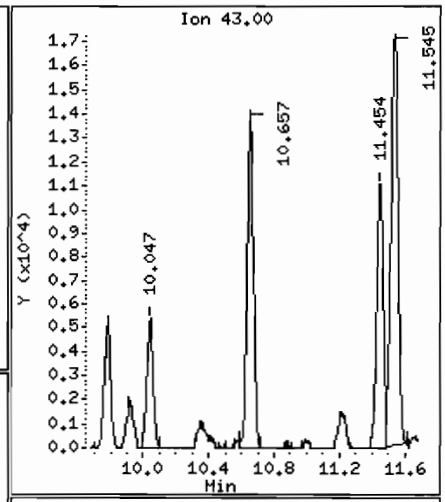
Sample Info: CE-VAPOR-4 :[J06/01/10 @1134(AIR)

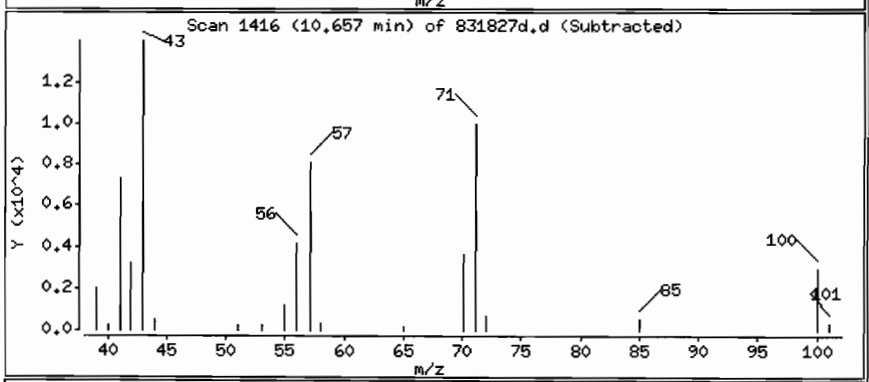
Purge Volume: 20.0 Operator: wrd

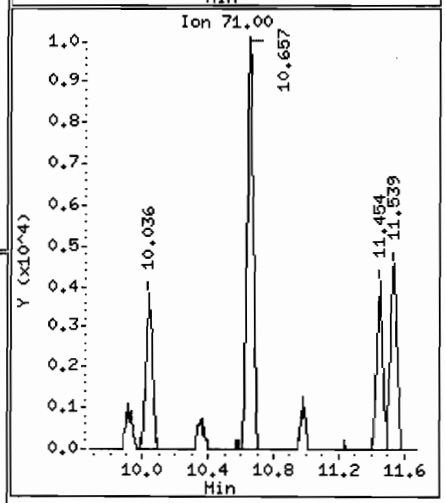
Column phase: RTX-624 Column diameter: 0.32

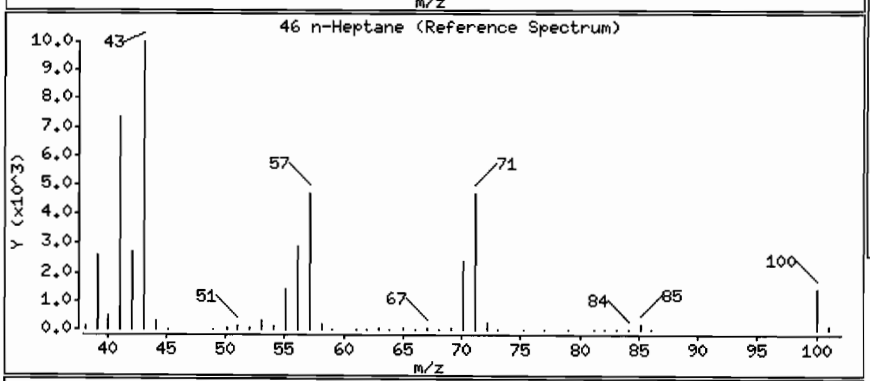
46 n-Heptane Concentration: 3.7 ppbv

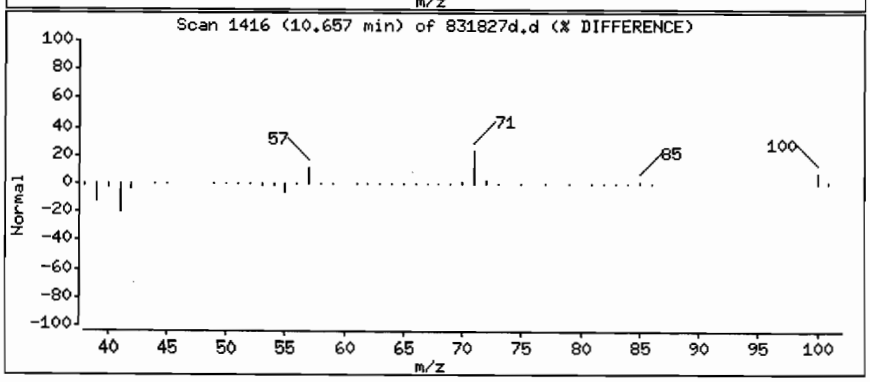












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

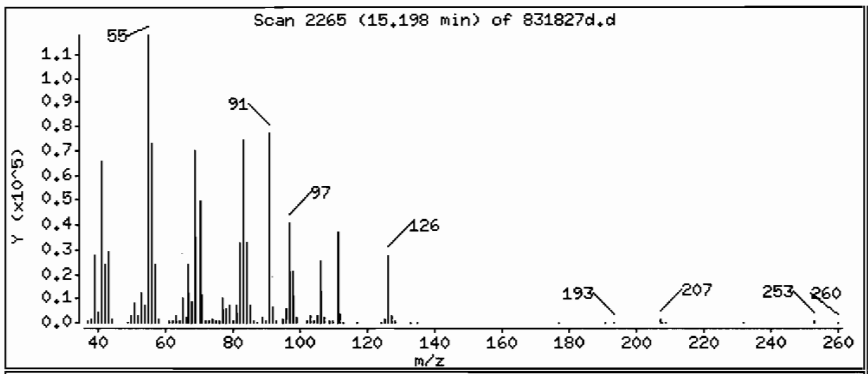
Client ID: CE-VAPOR-4 Instrument: F.i

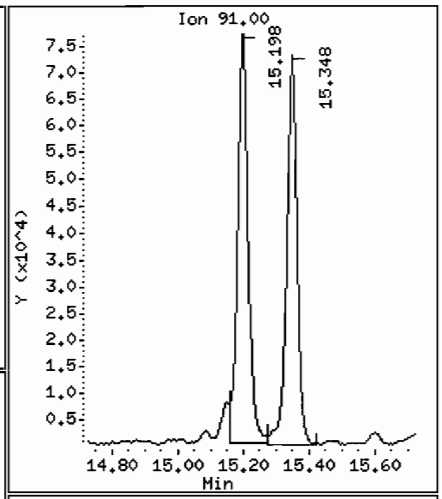
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

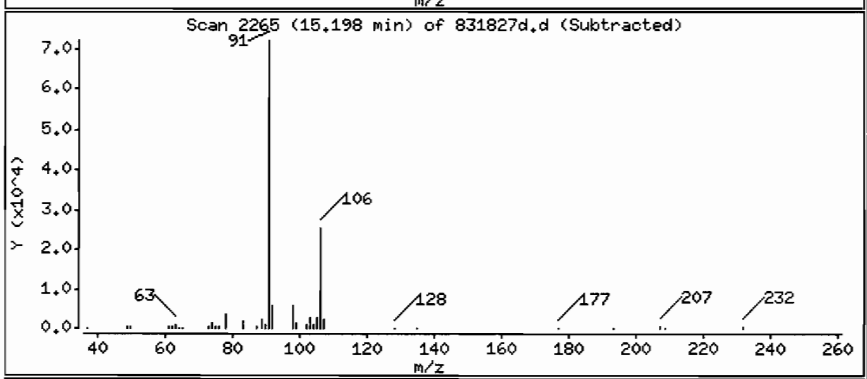
Purge Volume: 20.0 Operator: wrd

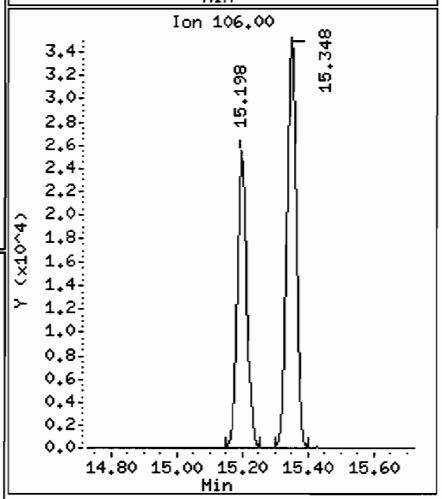
Column phase: RTX-624 Column diameter: 0.32

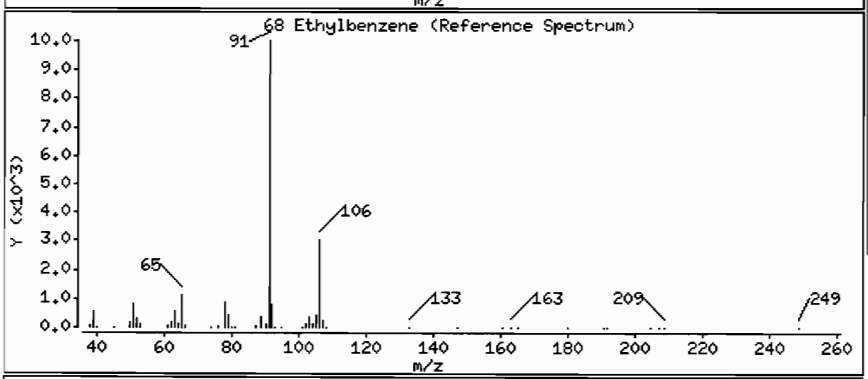
68 Ethylbenzene Concentration: 6.6 ppbv

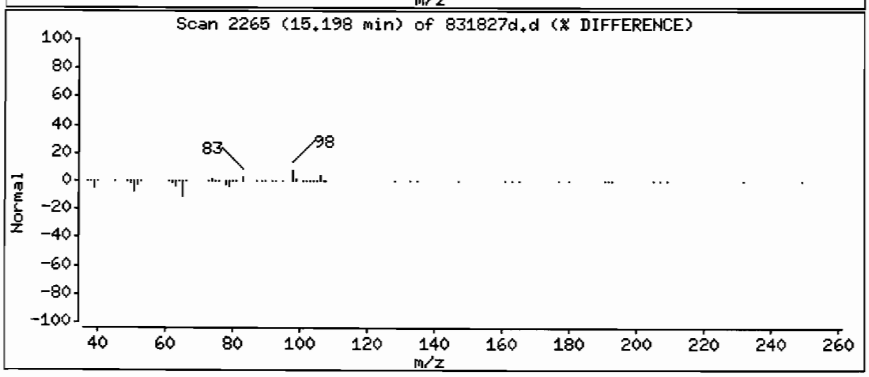












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

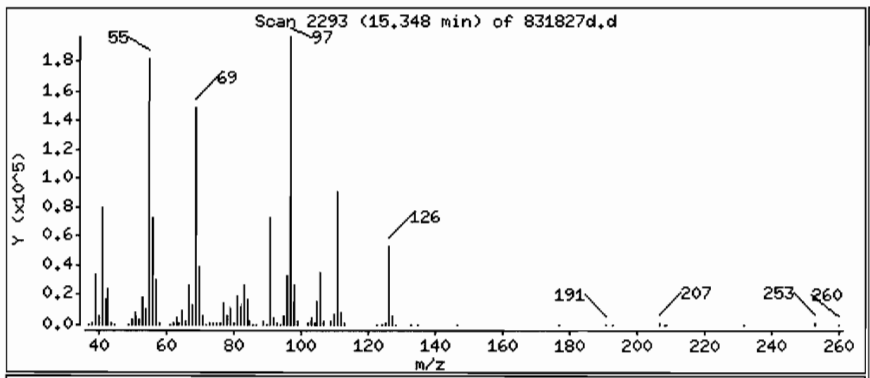
Client ID: CE-VAPOR-4 Instrument: F.i

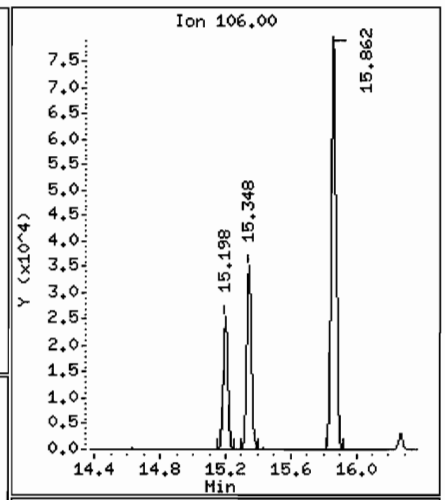
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

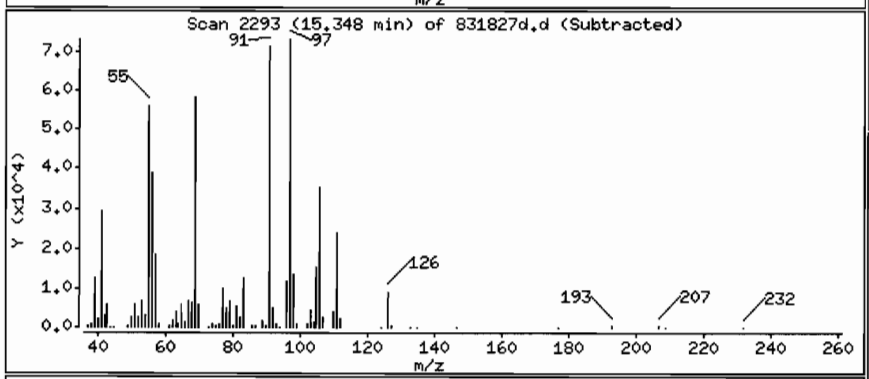
Purge Volume: 20.0 Operator: wrd

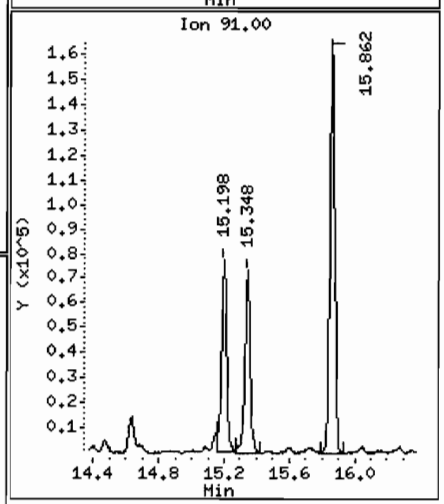
Column phase: RTX-624 Column diameter: 0.32

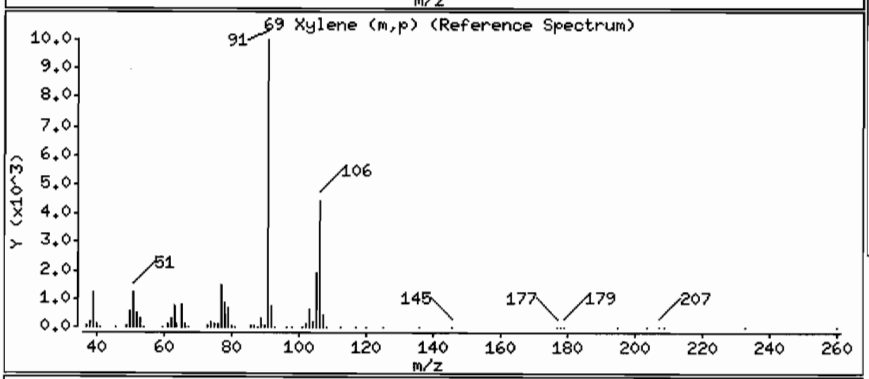
69 Xylene (m,p) Concentration: 6.9 ppbv

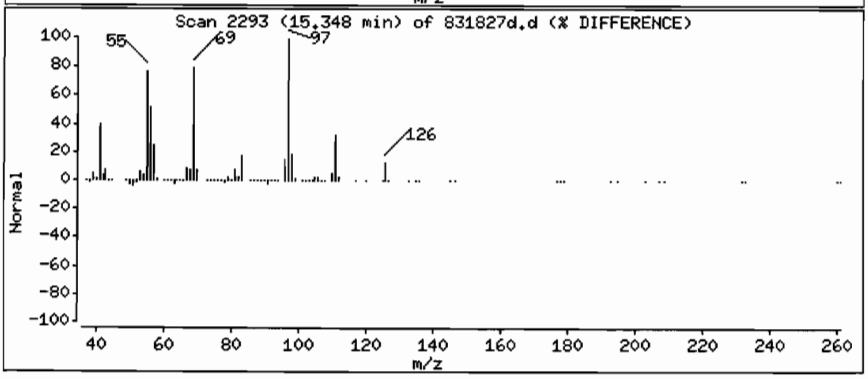












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

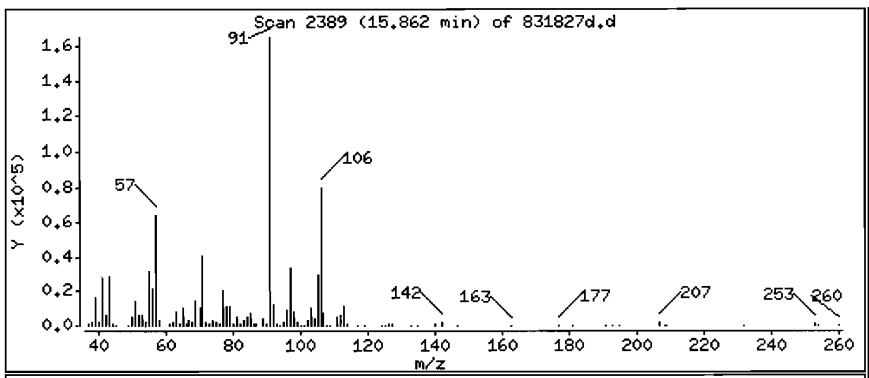
Client ID: CE-VAPOR-4 Instrument: F.i

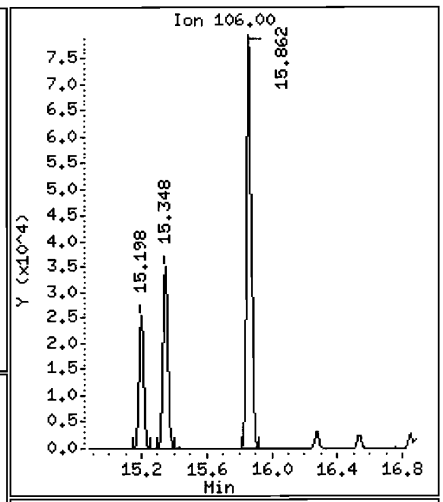
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

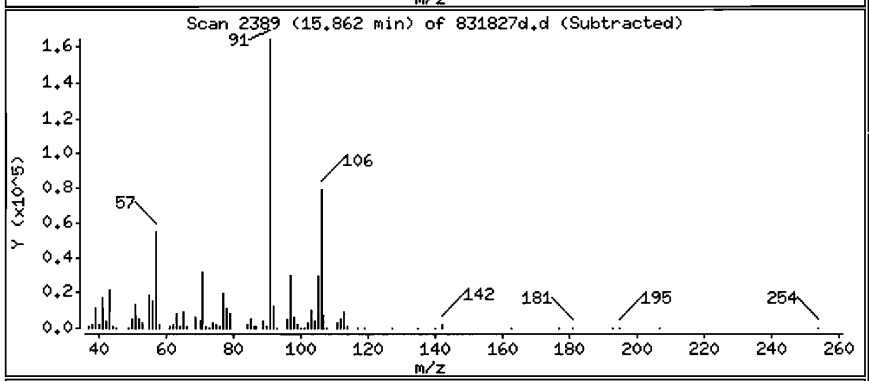
Purge Volume: 20.0 Operator: wrd

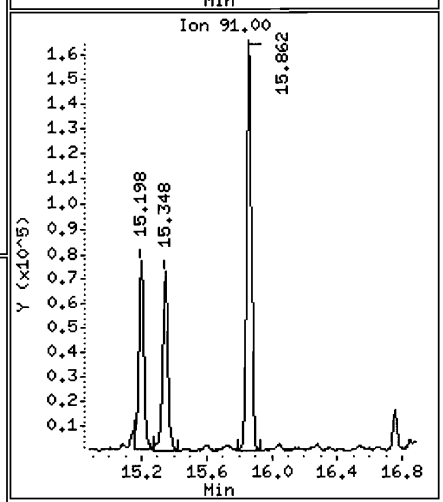
Column phase: RTX-624 Column diameter: 0.32

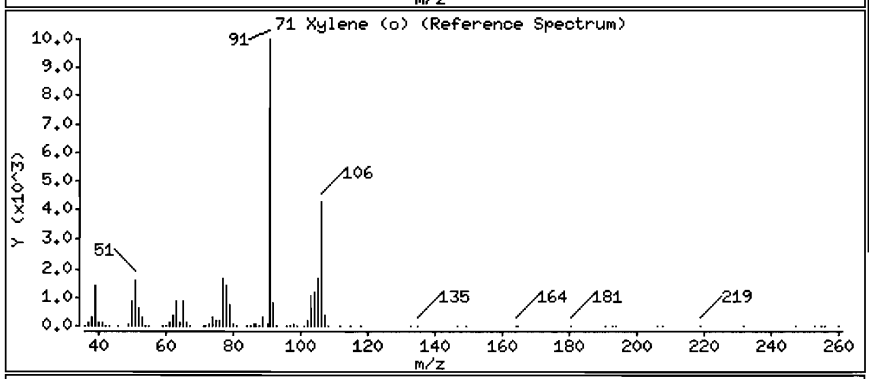
71 Xylene (o) Concentration: 15 ppbv

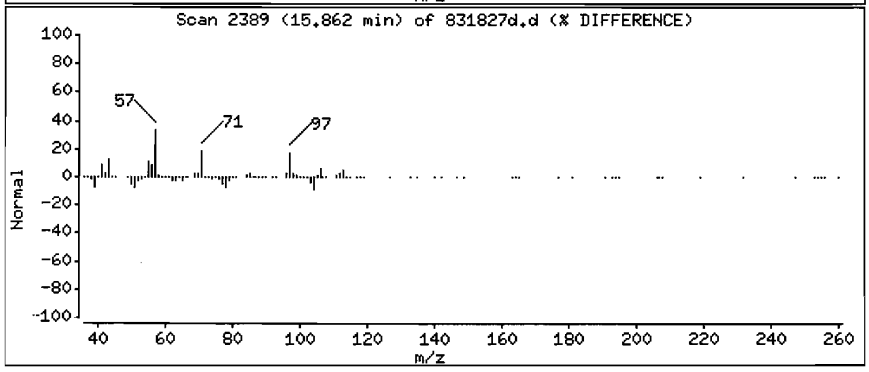












Data File: /chem/F.i/Fsvr.p/fdnast15.b/831827d.d

Date : 09-JUN-2010 20:49

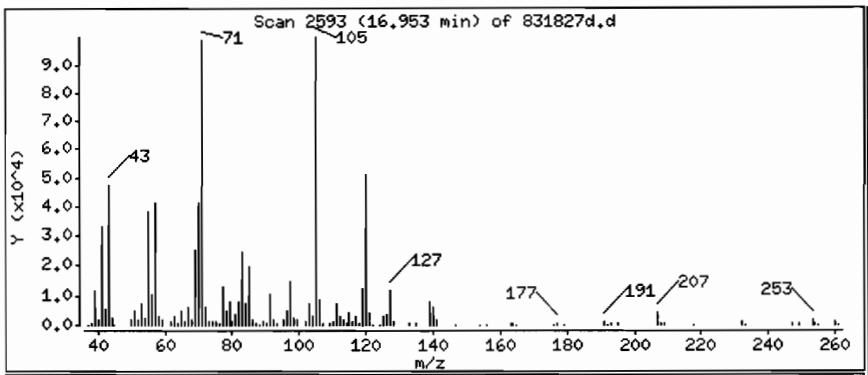
Client ID: CE-VAPOR-4 Instrument: F.i

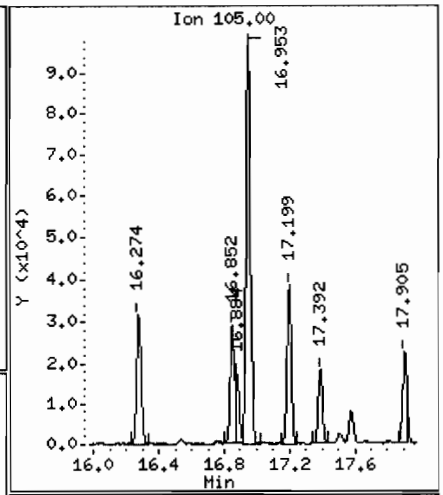
Sample Info: CE-VAPOR-4 :[ ]06/01/10 @1134(AIR)

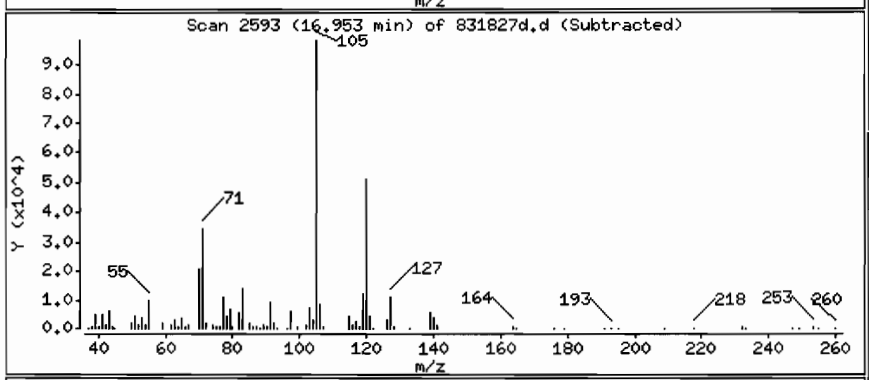
Purge Volume: 20.0 Operator: wrd

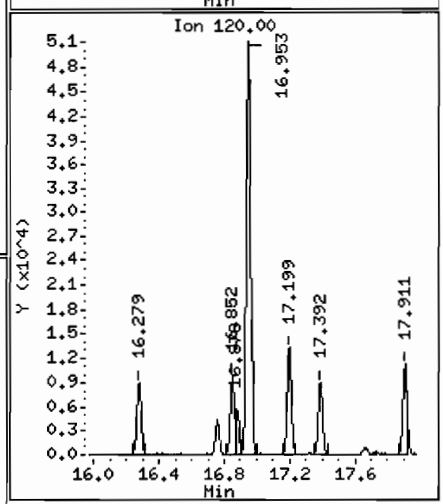
Column phase: RTX-624 Column diameter: 0.32

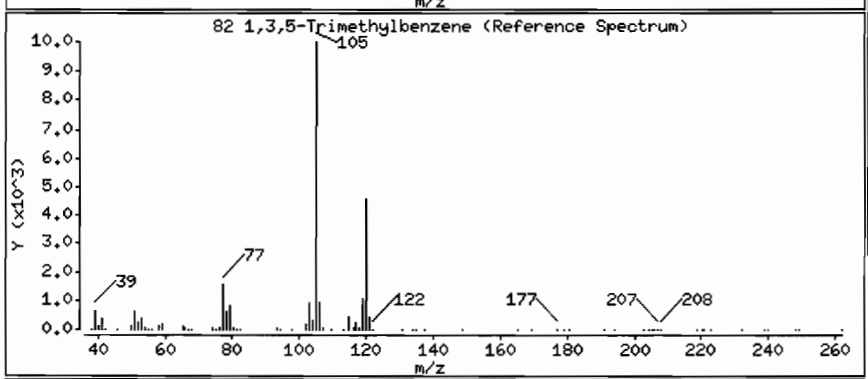
82 1,3,5-Trimethylbenzene Concentration: 7.1 ppbv

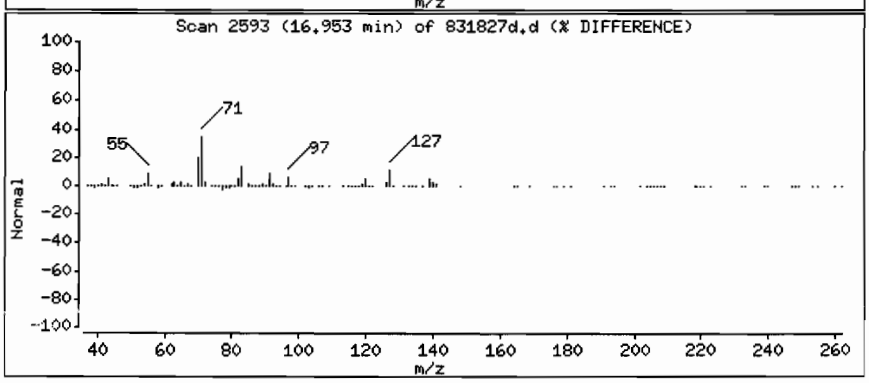












Standards – TO-15 Volatile

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
Dichlorodifluoromethane		2.339	2.320	2.300	2.118			
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234			
Chloromethane		0.773	0.723	0.716	0.657			
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882			
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668			
Bromomethane	1.089	1.072	1.040	1.018	1.009			
Chloroethane		0.591	0.571	0.565	0.547			
Bromoethene	1.101	1.096	1.068	1.051	1.054			
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766			
Freon TF	2.049	2.077	2.023	2.000	2.018			
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957			
Acetone			1.786	1.844	1.638			
Isopropyl Alcohol			1.362	1.316	1.279			
Carbon disulfide		3.110	3.157	3.096	3.102			
3-Chloropropene	1.307	1.316	1.372	1.370	1.316			
Methylene chloride		1.375	1.221	1.195	1.150			
tert-Butyl Alcohol			2.012	1.964	1.944			
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146			
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661			
n-Hexane	1.885	1.828	1.827	1.773	1.750			
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008			*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560			
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149			
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405			
Chloroform	2.426	2.346	2.363	2.327	2.300			
Tetrahydrofuran			0.256	0.254	0.248			
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496			
Cyclohexane	0.319	0.310	0.321	0.317	0.325			
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531			
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123			
Benzene	0.743	0.719	0.702	0.688	0.700			
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325			
n-Heptane	0.449	0.443	0.427	0.421	0.411			
Trichloroethene	0.322	0.314	0.315	0.313	0.319			
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265			
1,4-Dioxane			0.106	0.103	0.105			
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424			
Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530			
Toluene	0.562	0.536	0.532	0.532	0.561			
trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447			
1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272			
Tetrachloroethene	0.466	0.451	0.447	0.450	0.486			
Methyl Butyl Ketone		0.496	0.531	0.538	0.543			
Dibromochloromethane	0.506	0.498	0.544	0.562	0.600			
1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522			
Chlorobenzene *	0.766	0.749	0.735	0.741	0.779			*
Ethylbenzene	1.234	1.192	1.176	1.182	1.220			
Xylene (m,p)	0.488	0.481	0.478	0.487	0.506			
Xylene (o)	0.456	0.463	0.468	0.479	0.499			
Xylenes, Total	0.456	0.463	0.468	0.479	0.499			
Styrene	0.716	0.691	0.732	0.752	0.792			
Bromoform	0.472	0.477	0.576	0.606	0.656			
1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729			
4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460			
1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213			
2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309			
1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224			
1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876			
1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877			
1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823			
1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720			
Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642			

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

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

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

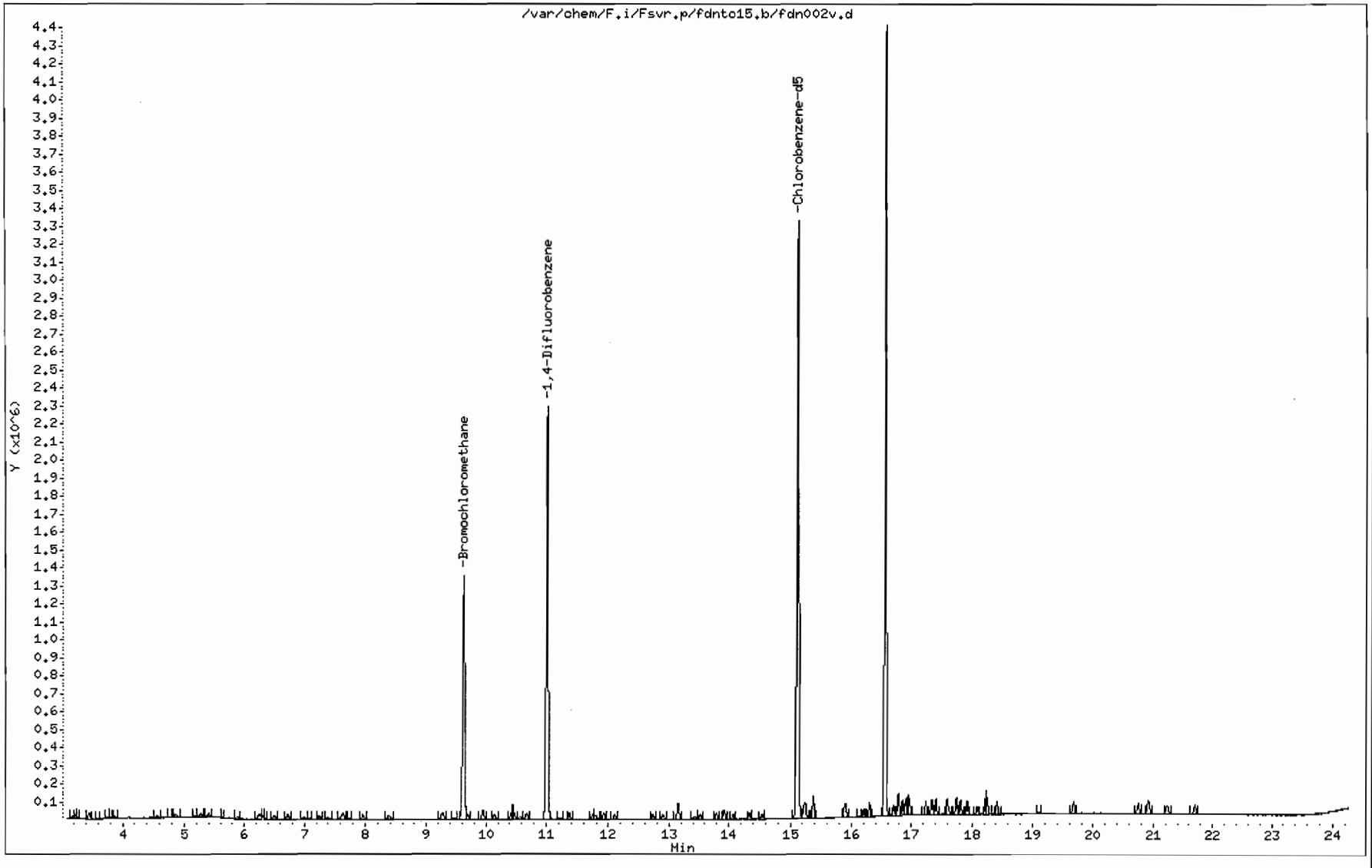
COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d
Date : 07-APR-2010 11:04
Client ID: ASTD0.2
Sample Info: ic 022289
Purge Volume: 200.0
Column phase: RTX-624

Page 4

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn002v.d
Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
Inj Date : 07-APR-2010 11:04
Operator : wrd Inst ID: F.i
Smp Info : ic 022289
Misc Info : ASTD0.2;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:04 Cal File: fdn002v.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	5378	0.20000	0.23(a)
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	23169	0.20000	0.22(a)
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	12804	0.20000	0.23(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.451	3.456	(0.359)	24158	0.20000	0.21
5 Chloromethane	50	3.590	3.584	(0.373)	7371	0.20000	0.22(a)
6 Butane	43	3.766	3.766	(0.392)	13220	0.20000	0.22(a)
7 Vinyl chloride	62	3.809	3.809	(0.396)	8928	0.20000	0.20
8 Butadiene	54	3.873	3.879	(0.403)	7298	0.20000	0.22(a)
9 Bromomethane	94	4.569	4.563	(0.475)	10700	0.20000	0.21
10 Chloroethane	64	4.788	4.788	(0.498)	5698	0.20000	0.21(a)
11 2-Methylbutane	43	4.863	4.868	(0.506)	13293	0.20000	0.23
12 Vinyl bromide	106	5.178	5.179	(0.538)	10812	0.20000	0.21
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	28698	0.20000	0.21
14 Pentane	43	5.398	5.403	(0.561)	19122	0.20000	0.23(a)
15 Ethanol	45	5.751	5.730	(0.598)	10369	0.20000	0.51(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	16 Ethyl ether	59	5.885	5.863	(0.612)	8041	0.20000	0.20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	20121	0.20000	0.20
	18 Acrolein	56	6.227	6.216	(0.647)	5765	0.20000	0.27(a)
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	9952	0.20000	0.21
	20 Acetone	43	6.505	6.489	(0.676)	38841	0.20000	0.48(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	31155	0.20000	0.21(a)
	22 Isopropyl alcohol	45	6.714	6.693	(0.698)	18533	0.20000	0.30(a)
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	12836	0.20000	0.20(a)
	24 Acetonitrile	41	7.094	7.078	(0.737)	8591	0.20000	0.22(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	15585	0.20000	0.27(a)
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	18929	0.20000	0.20(a)
	27 Methyl tert-butyl ether	73	7.613	7.602	(0.791)	31735	0.20000	0.21(a)
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	17029	0.20000	0.21
	29 Acrylonitrile	53	7.736	7.730	(0.804)	8318	0.20000	0.21(a)
	30 Hexane	57	7.966	7.966	(0.828)	18515	0.20000	0.21(a)
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	20551	0.20000	0.21
	32 Vinyl acetate	43	8.394	8.388	(0.873)	28511	0.20000	0.21(a)
M	33 1,2-Dichloroethene,Total	61				28705	0.40000	0.42
	34 cis-1,2-Dichloroethene	96	9.250	9.260	(0.962)	11676	0.20000	0.21
	35 Ethyl acetate	88	9.276	9.271	(0.964)	732	0.20000	0.15(aQ)
	36 2-Butanone(MEK)	72	9.276	9.260	(0.964)	5566	0.20000	0.21(aQ)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	491070	10.0000	
	38 Tetrahydrofuran	42	9.662	9.640	(0.878)	13355	0.20000	0.22(a)
	39 Chloroform	83	9.688	9.694	(1.007)	23830	0.20000	0.21
	40 Cyclohexane	84	9.950	9.956	(0.904)	15527	0.20000	0.20
	41 1,1,1-Trichloroethane	97	9.940	9.950	(0.903)	24634	0.20000	0.21
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	24712	0.20000	0.20
	43 Isooctane	57	10.432	10.432	(0.948)	56624	0.20000	0.21
	44 Benzene	78	10.469	10.475	(0.951)	36129	0.20000	0.21
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	15983	0.20000	0.20
	46 n-Heptane	43	10.678	10.678	(0.970)	21843	0.20000	0.21
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2432532	10.0000	
	48 n-Butanol	56	11.229	11.208	(1.020)	6706	0.20000	0.20(aQ)
	49 Trichloroethene	95	11.373	11.373	(1.033)	15682	0.20000	0.20
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	12840	0.20000	0.20
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	12492	0.20000	0.20(a)
	52 Dibromomethane	174	11.924	11.930	(1.083)	15114	0.20000	0.20
	53 1,4-Dioxane	88	11.914	11.882	(1.082)	5310	0.20000	0.21(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	24810	0.20000	0.20
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	19699	0.20000	0.20
	56 4-Methyl-2-pentanone(MIBK)	43	12.898	12.887	(1.172)	24181	0.20000	0.19(a)
	57 n-Octane	43	13.144	13.144	(1.194)	28501	0.20000	0.21
	58 Toluene	92	13.155	13.160	(0.870)	26144	0.20000	0.21
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	19584	0.20000	0.19(a)
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	13005	0.20000	0.21(Q)
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	21682	0.20000	0.20
	62 2-Hexanone	43	14.070	14.064	(0.931)	24308	0.20000	0.20(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	23571	0.20000	0.18(a)
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	23062	0.20000	0.20
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2327300	10.0000	
66	Chlorobenzene	112	15.150	15.150	(1.002)	35682	0.20000	0.20
67	n-Nonane	57	15.247	15.247	(1.009)	28786	0.20000	0.22
68	Ethylbenzene	91	15.220	15.225	(1.007)	57462	0.20000	0.21
69	Xylene (m,p)	106	15.370	15.375	(1.017)	45445	0.40000	0.40
M 70	Xylenes, Total	106				66674	0.20000	0.60
71	o-Xylene	106	15.883	15.883	(1.051)	21229	0.20000	0.19(a)
72	Styrene	104	15.910	15.910	(1.053)	33325	0.20000	0.19(a)
73	Bromoform	173	16.199	16.199	(1.072)	21968	0.20000	0.16(a)
74	Isopropylbenzene	105	16.300	16.301	(1.079)	63282	0.20000	0.20
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	32838	0.20000	0.20
77	n-Propylbenzene	91	16.777	16.782	(1.110)	76078	0.20000	0.20
78	1,2,3-Trichloropropane	75	16.787	16.793	(1.111)	26899	0.20000	0.21(a)
79	n-Decane	57	16.852	16.852	(1.115)	35318	0.20000	0.21(a)
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	65866	0.20000	0.20
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	60835	0.20000	0.21
82	1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	52538	0.20000	0.19(a)
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	25151	0.20000	0.18(a)
84	tert-butylbenzene	119	17.344	17.344	(1.148)	50774	0.20000	0.19(a)
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	54449	0.20000	0.20
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	74786	0.20000	0.19(a)
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	63662	0.20000	0.19(a)
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	37896	0.20000	0.19(a)
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	37382	0.20000	0.19(a)
90	Benzyl chloride	91	18.087	18.087	(1.197)	40170	0.20000	0.17(a)
91	Undecane	57	18.221	18.221	(1.206)	38583	0.20000	0.20(a)
92	n-Butylbenzene	91	18.253	18.253	(1.208)	58434	0.20000	0.19(a)
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	35525	0.20000	0.19(a)
94	Dodecane	57	19.671	19.671	(1.302)	34232	0.20000	0.18(a)
95	1,2,4-Trichlorobenzene	180	20.757	20.752	(1.373)	28390	0.20000	0.18(a)
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	27331	0.20000	0.19(a)
97	Naphthalene	128	21.228	21.233	(1.405)	66206	0.20000	0.20(a)
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	28844	0.20000	0.20

QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d

Page 4

Date : 07-APR-2010 11:57

Client ID: ASTD0.5

Instrument: F.i

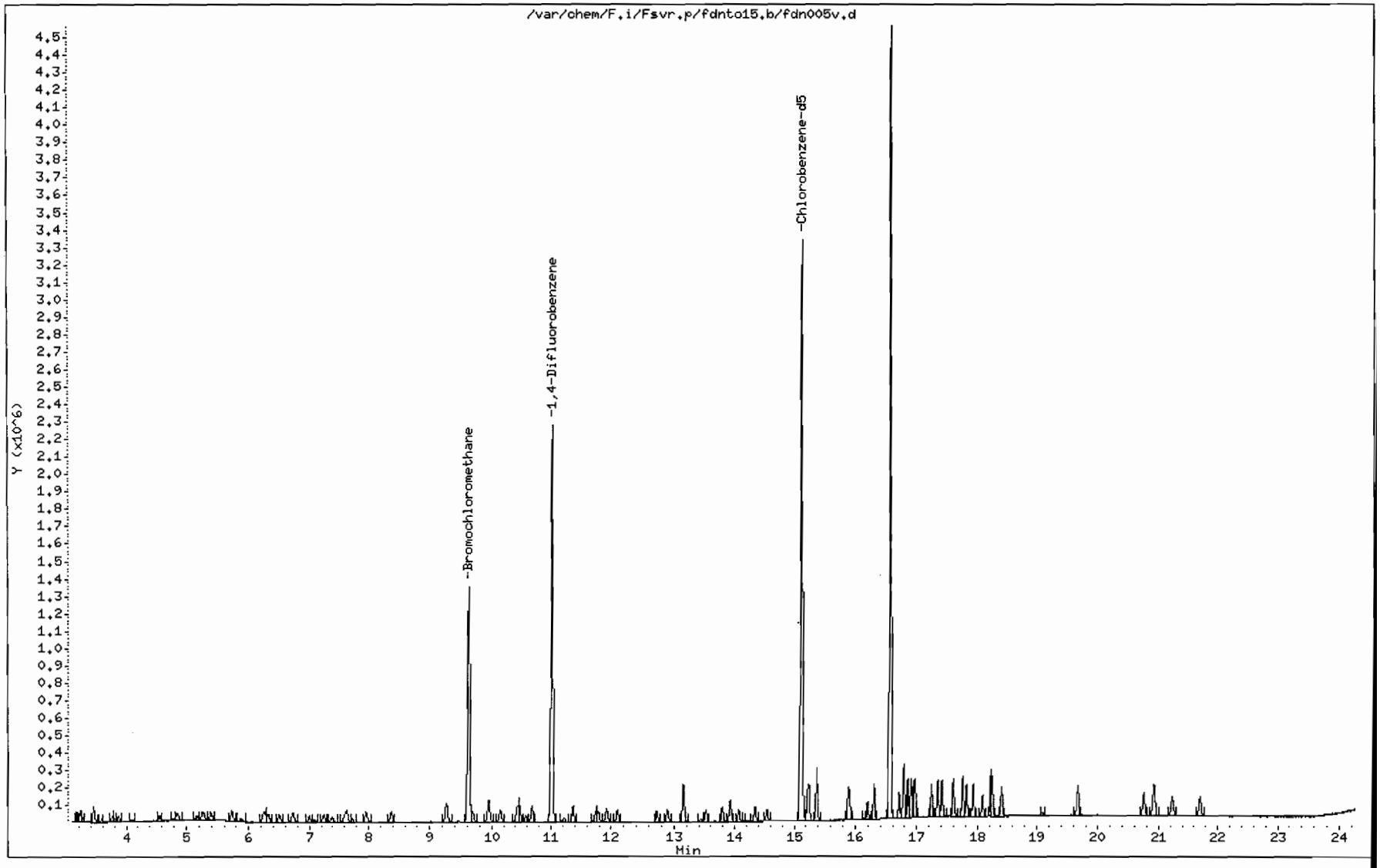
Sample Info: ic 022287

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn005v.d
Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
Inj Date : 07-APR-2010 11:57
Operator : wrd Inst ID: F.i
Smp Info : ic 022287
Misc Info : ASTD0.5;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 11:57 Cal File: fdn005v.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	12398	0.50000	0.55
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	55796	0.50000	0.54
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	31293	0.50000	0.57
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	59034	0.50000	0.54
5	Chloromethane	50	3.584	3.584	(0.373)	18436	0.50000	0.57
6	Butane	43	3.766	3.766	(0.392)	32899	0.50000	0.57
7	Vinyl chloride	62	3.804	3.809	(0.395)	22011	0.50000	0.52
8	Butadiene	54	3.878	3.879	(0.403)	17824	0.50000	0.54
9	Bromomethane	94	4.563	4.563	(0.474)	25577	0.50000	0.53
10	Chloroethane	64	4.788	4.788	(0.498)	14109	0.50000	0.54
11	2-Methylbutane	43	4.857	4.868	(0.505)	29030	0.50000	0.52
12	Vinyl bromide	106	5.178	5.179	(0.538)	26146	0.50000	0.52
13	Trichlorofluoromethane	101	5.264	5.275	(0.547)	70340	0.50000	0.53
14	Pentane	43	5.403	5.403	(0.562)	43789	0.50000	0.53
15	Ethanol	45	5.729	5.730	(0.596)	102301	5.00000	5.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.868	5.863	(0.610)	19856	0.50000	0.52
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	49548	0.50000	0.52
	18 Acrolein	56	6.227	6.216	(0.647)	12550	0.50000	0.60(a)
	19 1,1-Dichloroethene	96	6.318	6.323	(0.657)	23216	0.50000	0.50
	20 Acetone	43	6.500	6.489	(0.676)	71062	0.50000	0.89(a)
	21 Carbon disulfide	76	6.730	6.730	(0.700)	74213	0.50000	0.51
	22 Isopropyl alcohol	45	6.708	6.693	(0.697)	37735	0.50000	0.62(a)
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	31397	0.50000	0.50
	24 Acetonitrile	41	7.083	7.078	(0.736)	19504	0.50000	0.51(a)
	25 Methylene chloride	49	7.249	7.254	(0.754)	32813	0.50000	0.58
	26 2-Methyl-2-propanol	59	7.393	7.372	(0.769)	47826	0.50000	0.52(a)
	27 Methyl tert-butyl ether	73	7.607	7.602	(0.791)	75214	0.50000	0.50
	28 trans-1,2-Dichloroethene	61	7.639	7.645	(0.794)	40773	0.50000	0.51
	29 Acrylonitrile	53	7.730	7.730	(0.804)	18588	0.50000	0.49(a)
	30 Hexane	57	7.966	7.966	(0.828)	43602	0.50000	0.52
	31 1,1-Dichloroethane	63	8.367	8.372	(0.870)	49346	0.50000	0.51
	32 Vinyl acetate	43	8.388	8.388	(0.872)	63714	0.50000	0.49(a)
M	33 1,2-Dichloroethene,Total	61				68474	1.00000	1.0
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	27701	0.50000	0.51
	35 Ethyl acetate	88	9.276	9.271	(0.964)	2245	0.50000	0.48(aQ)
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	13457	0.50000	0.51
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	477162	10.0000	
	38 Tetrahydrofuran	42	9.656	9.640	(0.877)	31124	0.50000	0.53(a)
	39 Chloroform	83	9.694	9.694	(1.008)	55962	0.50000	0.51
	40 Cyclohexane	84	9.956	9.956	(0.904)	36900	0.50000	0.49
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.904)	57571	0.50000	0.49
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	59958	0.50000	0.48
	43 Isooctane	57	10.426	10.432	(0.947)	135189	0.50000	0.51
	44 Benzene	78	10.469	10.475	(0.951)	85424	0.50000	0.51
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	39545	0.50000	0.51
	46 n-Heptane	43	10.683	10.678	(0.970)	52623	0.50000	0.53
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2376868	10.0000	
	48 n-Butanol	56	11.224	11.208	(1.019)	16773	0.50000	0.52(a)
	49 Trichloroethene	95	11.368	11.373	(1.033)	37359	0.50000	0.50
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	32128	0.50000	0.51
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	29341	0.50000	0.47(a)
	52 Dibromomethane	174	11.930	11.930	(1.084)	34632	0.50000	0.48
	53 1,4-Dioxane	88	11.903	11.882	(1.081)	12540	0.50000	0.51(a)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	58589	0.50000	0.47
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	47343	0.50000	0.48
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.171)	60070	0.50000	0.49(a)
	57 n-Octane	43	13.144	13.144	(1.194)	73560	0.50000	0.55
	58 Toluene	92	13.160	13.160	(0.871)	61473	0.50000	0.49
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	49153	0.50000	0.48
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	29912	0.50000	0.49
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	51696	0.50000	0.48
	62 2-Hexanone	43	14.070	14.064	(0.931)	56916	0.50000	0.47(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	57147	0.50000	0.44
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	54786	0.50000	0.47
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2293887	10.0000	
66	Chlorobenzene	112	15.156	15.150	(1.003)	85951	0.50000	0.49
67	n-Nonane	57	15.247	15.247	(1.009)	68656	0.50000	0.53
68	Ethylbenzene	91	15.225	15.225	(1.007)	136686	0.50000	0.50
69	Xylene (m,p)	106	15.375	15.375	(1.017)	110277	1.00000	0.99
M 70	Xylenes, Total	106				163394	0.50000	1.5
71	o-Xylene	106	15.883	15.883	(1.051)	53117	0.50000	0.49
72	Styrene	104	15.910	15.910	(1.053)	79287	0.50000	0.46
73	Bromoform	173	16.199	16.199	(1.072)	54672	0.50000	0.40
74	Isopropylbenzene	105	16.300	16.301	(1.079)	150621	0.50000	0.48
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	80247	0.50000	0.49
77	n-Propylbenzene	91	16.777	16.782	(1.110)	185739	0.50000	0.50
78	1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	64879	0.50000	0.51
79	n-Decane	57	16.851	16.852	(1.115)	85828	0.50000	0.51
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	156224	0.50000	0.48
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	143743	0.50000	0.49
82	1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	129625	0.50000	0.49
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	62536	0.50000	0.44
84	tert-butylbenzene	119	17.344	17.344	(1.148)	123265	0.50000	0.48
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	127661	0.50000	0.47
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	185357	0.50000	0.49
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	156477	0.50000	0.47
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	89685	0.50000	0.46
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	88019	0.50000	0.46
90	Benzyl chloride	91	18.087	18.087	(1.197)	100215	0.50000	0.43
91	Undecane	57	18.221	18.221	(1.206)	96407	0.50000	0.52(a)
92	n-Butylbenzene	91	18.253	18.253	(1.208)	146863	0.50000	0.50
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	83117	0.50000	0.46
94	Dodecane	57	19.676	19.671	(1.302)	85596	0.50000	0.46(a)
95	1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	65715	0.50000	0.42(a)
96	Hexachlorobutadiene	225	20.917	20.923	(1.384)	63432	0.50000	0.45
97	Naphthalene	128	21.233	21.233	(1.405)	146232	0.50000	0.44(a)
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	62391	0.50000	0.43

QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d

Page 4

Date : 07-APR-2010 12:51

Client ID: ASTD05

Instrument: F.i

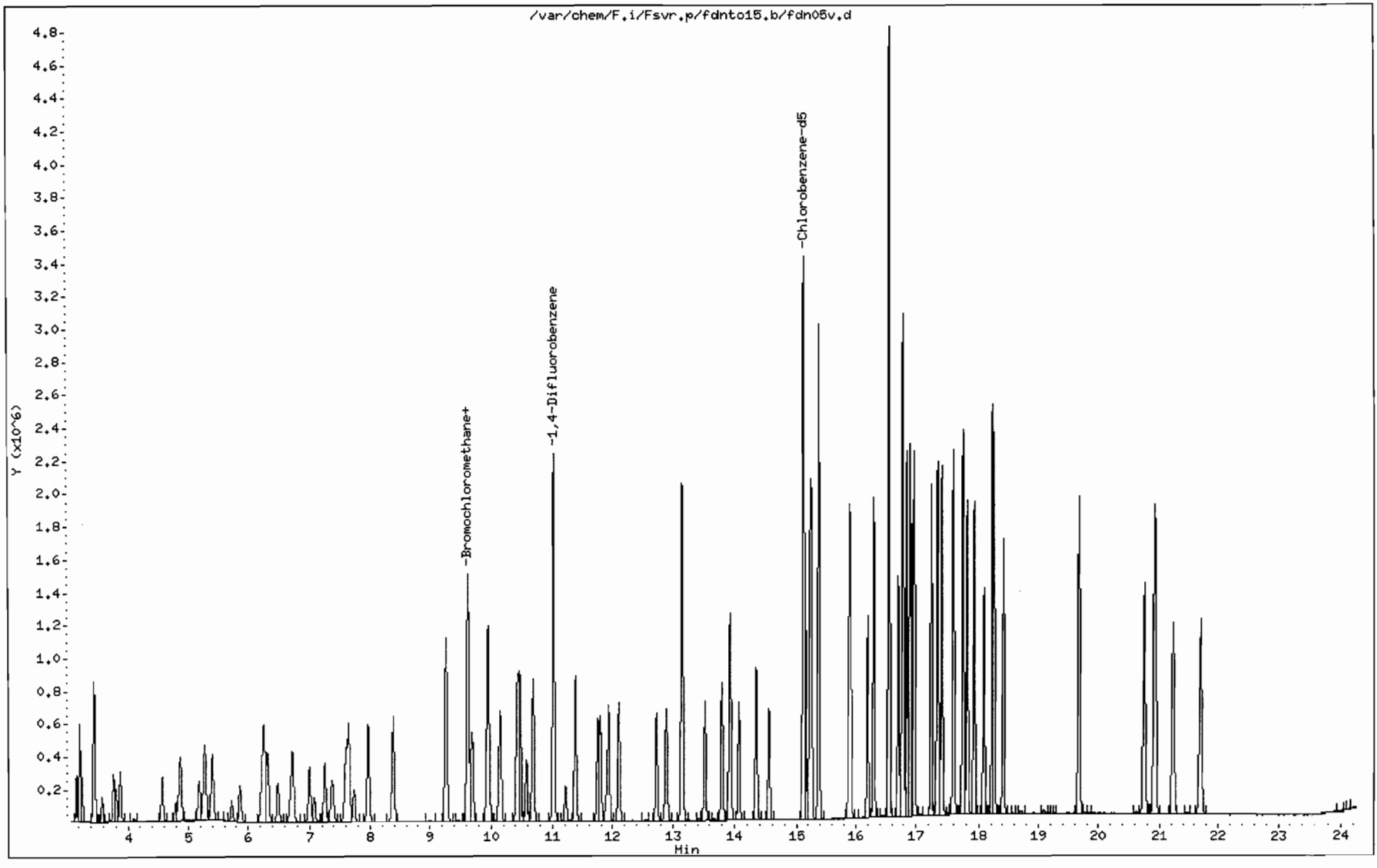
Sample Info: ic 021996

Purge Volume: 2000.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn05v.d
Lab Smp Id: ASTD05 Client Smp ID: ASTD05
Inj Date : 07-APR-2010 12:51
Operator : wrd Inst ID: F.i
Smp Info : ic 021996
Misc Info : ASTD05;040710FA;1;2000
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 12:51 Cal File: fdn05v.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	2000.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	120455	5.00000	5.4
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	548165	5.00000	5.4
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	289440	5.00000	5.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	579597	5.00000	5.3
5 Chloromethane	50	3.584	3.584	(0.373)	170971	5.00000	5.3
6 Butane	43	3.766	3.766	(0.392)	306245	5.00000	5.3
7 Vinyl chloride	62	3.804	3.809	(0.395)	224756	5.00000	5.4
8 Butadiene	54	3.878	3.879	(0.403)	168458	5.00000	5.2
9 Bromomethane	94	4.563	4.563	(0.474)	245707	5.00000	5.1
10 Chloroethane	64	4.788	4.788	(0.498)	134919	5.00000	5.2
11 2-Methylbutane	43	4.863	4.868	(0.506)	288954	5.00000	5.2
12 Vinyl bromide	106	5.178	5.179	(0.538)	252386	5.00000	5.1
13 Trichlorofluoromethane	101	5.269	5.275	(0.548)	682969	5.00000	5.1
14 Pentane	43	5.403	5.403	(0.562)	434881	5.00000	5.4
15 Ethanol	45	5.724	5.730	(0.595)	196300	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	192523	5.00000	5.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.254	6.259	(0.650)	478075	5.00000	5.0
	18 Acrolein	56	6.216	6.216	(0.646)	106758	5.00000	5.2
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	228752	5.00000	5.0
	20 Acetone	43	6.484	6.489	(0.674)	422110	5.00000	5.4
	21 Carbon disulfide	76	6.730	6.730	(0.700)	746114	5.00000	5.1
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	321946	5.00000	5.3
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	324353	5.00000	5.2
	24 Acetonitrile	41	7.078	7.078	(0.736)	198112	5.00000	5.2
	25 Methylene chloride	49	7.249	7.254	(0.754)	288649	5.00000	5.2
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	475605	5.00000	5.2
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	750109	5.00000	5.1
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	407444	5.00000	5.2
	29 Acrylonitrile	53	7.730	7.730	(0.804)	197279	5.00000	5.2
	30 Hexane	57	7.966	7.966	(0.828)	431741	5.00000	5.2
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	490055	5.00000	5.1
	32 Vinyl acetate	43	8.383	8.388	(0.872)	682110	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				681821	10.0000	10
	34 cis-1,2-Dichloroethene	96	9.255	9.260	(0.962)	274377	5.00000	5.1
	35 Ethyl acetate	88	9.271	9.271	(0.964)	23567	5.00000	5.0
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	133990	5.00000	5.2
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	472643	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	301671	5.00000	5.2
	39 Chloroform	83	9.694	9.694	(1.008)	558401	5.00000	5.1
	40 Cyclohexane	84	9.956	9.956	(0.904)	378045	5.00000	5.0
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	585330	5.00000	5.1
	42 Carbon tetrachloride	117	10.143	10.148	(0.921)	611713	5.00000	5.0
	43 Isooctane	57	10.432	10.432	(0.948)	1344495	5.00000	5.1
	44 Benzene	78	10.469	10.475	(0.951)	826438	5.00000	5.0
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	396228	5.00000	5.2
	46 n-Heptane	43	10.678	10.678	(0.970)	502371	5.00000	5.1
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2352647	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	156752	5.00000	4.9(a)
	49 Trichloroethene	95	11.373	11.373	(1.033)	370275	5.00000	5.0
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	314647	5.00000	5.1
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	308545	5.00000	5.0
	52 Dibromomethane	174	11.930	11.930	(1.084)	342271	5.00000	4.8
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	125122	5.00000	5.1
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	620283	5.00000	5.1
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	489727	5.00000	5.0
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	635184	5.00000	5.2
	57 n-Octane	43	13.144	13.144	(1.194)	705661	5.00000	5.4
	58 Toluene	92	13.160	13.160	(0.871)	624277	5.00000	4.9
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	519353	5.00000	5.1
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	307742	5.00000	4.9
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	524621	5.00000	4.7
	62 2-Hexanone	43	14.064	14.064	(0.931)	623611	5.00000	5.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
63	Chlorodibromomethane	129	14.342	14.343	(0.949)	638509	5.00000	4.8
64	Ethylene Dibromide	107	14.546	14.546	(0.962)	575142	5.00000	4.9
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2346886	10.0000	
66	Chlorobenzene	112	15.150	15.150	(1.002)	862730	5.00000	4.8
67	n-Nonane	57	15.247	15.247	(1.009)	690954	5.00000	5.2
68	Ethylbenzene	91	15.225	15.225	(1.007)	1380251	5.00000	4.9
69	Xylene (m,p)	106	15.375	15.375	(1.017)	1121283	10.0000	9.9
M 70	Xylenes, Total	106				1670952	5.00000	15
71	o-Xylene	106	15.883	15.883	(1.051)	549669	5.00000	4.9
72	Styrene	104	15.910	15.910	(1.053)	859103	5.00000	4.9
73	Bromoform	173	16.199	16.199	(1.072)	675972	5.00000	4.9
74	Isopropylbenzene	105	16.300	16.301	(1.079)	1552421	5.00000	4.9
76	1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	828909	5.00000	5.0
77	n-Propylbenzene	91	16.782	16.782	(1.110)	1908794	5.00000	5.1
78	1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	664142	5.00000	5.1
79	n-Decane	57	16.851	16.852	(1.115)	893274	5.00000	5.2
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	1618898	5.00000	4.9
81	2-Chlorotoluene	91	16.942	16.943	(1.121)	1485507	5.00000	5.0
82	1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	1342390	5.00000	4.9
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	704393	5.00000	4.9
84	tert-butylbenzene	119	17.344	17.344	(1.148)	1285604	5.00000	4.9
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	1357357	5.00000	4.9
86	sec-Butylbenzene	105	17.600	17.601	(1.165)	1929902	5.00000	5.0
87	4-Isopropyltoluene	119	17.750	17.750	(1.175)	1655193	5.00000	4.9
88	1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	944233	5.00000	4.8
89	1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	940972	5.00000	4.8
90	Benzyl chloride	91	18.087	18.087	(1.197)	1189712	5.00000	5.0
91	Undecane	57	18.221	18.221	(1.206)	1035060	5.00000	5.4
92	n-Butylbenzene	91	18.253	18.253	(1.208)	1538263	5.00000	5.1
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	895655	5.00000	4.8
94	Dodecane	57	19.671	19.671	(1.302)	1002055	5.00000	5.3
95	1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	752648	5.00000	4.7
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	692189	5.00000	4.8
97	Naphthalene	128	21.233	21.233	(1.405)	1617769	5.00000	4.7
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	705639	5.00000	4.8

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d

Page 4

Date : 07-APR-2010 14:37

Client ID: ASTD010

Instrument: F.i

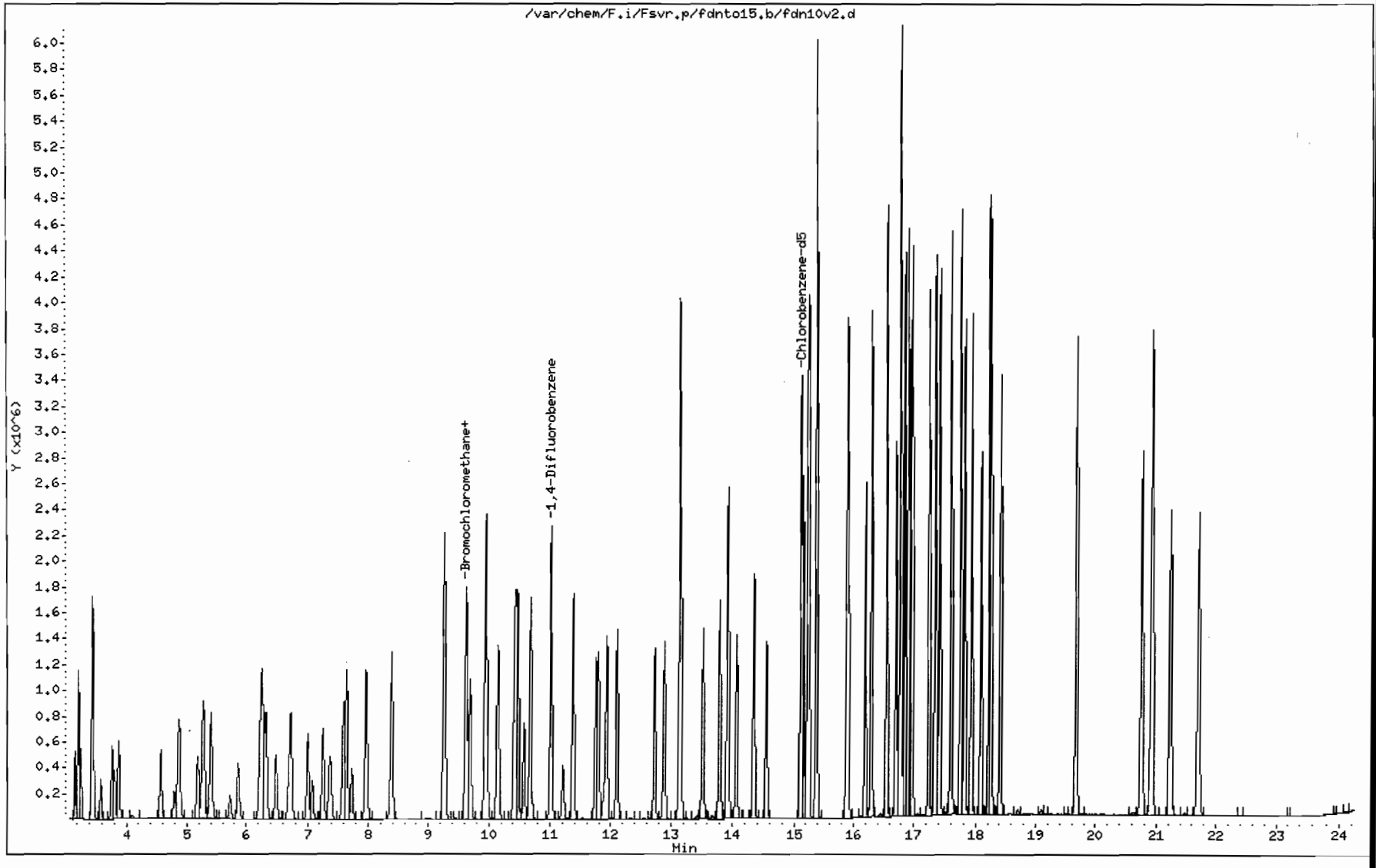
Sample Info: icis 021990

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10v2.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 07-APR-2010 14:37
Operator : wrd Inst ID: F.i
Smp Info : icis 021990
Misc Info : ASTD010;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 14:37 Cal File: fdn10v2.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	240620	10.0000	11
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1091350	10.0000	11
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	575040	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1151671	10.0000	11
5 Chloromethane	50	3.584	3.584	(0.373)	339790	10.0000	11
6 Butane	43	3.766	3.766	(0.392)	611086	10.0000	11
7 Vinyl chloride	62	3.809	3.809	(0.396)	443423	10.0000	11
8 Butadiene	54	3.879	3.879	(0.403)	336253	10.0000	10
9 Bromomethane	94	4.563	4.563	(0.474)	482917	10.0000	10
10 Chloroethane	64	4.788	4.788	(0.498)	267989	10.0000	10
11 2-Methylbutane	43	4.868	4.868	(0.506)	575947	10.0000	10
12 Vinyl bromide	106	5.179	5.179	(0.538)	498652	10.0000	9.9
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	1361163	10.0000	10
14 Pentane	43	5.403	5.403	(0.562)	864385	10.0000	11
15 Ethanol	45	5.730	5.730	(0.596)	291208	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	382581	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	948630	10.0000	9.9
	18 Acrolein	56	6.216	6.216	(0.646)	213282	10.0000	10
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	450638	10.0000	9.9
	20 Acetone	43	6.489	6.489	(0.675)	874961	10.0000	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1468703	10.0000	10
	22 Isopropyl alcohol	45	6.693	6.693	(0.696)	624296	10.0000	10
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	649832	10.0000	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	396271	10.0000	10
	25 Methylene chloride	49	7.254	7.254	(0.754)	566751	10.0000	10
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	931628	10.0000	10
	27 Methyl tert-butyl ether	73	7.602	7.602	(0.790)	1497963	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	805584	10.0000	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	392167	10.0000	10
	30 Hexane	57	7.966	7.966	(0.828)	841032	10.0000	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	974755	10.0000	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1363151	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1345063	20.0000	20
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	539479	10.0000	9.9
	35 Ethyl acetate	88	9.271	9.271	(0.964)	47006	10.0000	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	264497	10.0000	10
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	474417	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	597858	10.0000	10
	39 Chloroform	83	9.694	9.694	(1.008)	1104155	10.0000	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	746630	10.0000	10
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	1154883	10.0000	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	1224766	10.0000	10
	43 Isooctane	57	10.432	10.432	(0.947)	2655629	10.0000	10
	44 Benzene	78	10.475	10.475	(0.951)	1619131	10.0000	9.8
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	774436	10.0000	10
	46 n-Heptane	43	10.678	10.678	(0.969)	990057	10.0000	10
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2353546	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	308387	10.0000	9.7
	49 Trichloroethene	95	11.373	11.373	(1.033)	737740	10.0000	9.9
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	619430	10.0000	10
	51 Methyl methacrylate	69	11.791	11.791	(1.070)	619884	10.0000	10
	52 Dibromomethane	174	11.930	11.930	(1.083)	691331	10.0000	9.7
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	242636	10.0000	9.9(M)
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1244570	10.0000	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	986661	10.0000	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	1269724	10.0000	10
	57 n-Octane	43	13.144	13.144	(1.193)	1370578	10.0000	10
	58 Toluene	92	13.160	13.160	(0.871)	1235144	10.0000	9.8
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1049835	10.0000	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	605232	10.0000	9.7
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	1044696	10.0000	9.5
	62 2-Hexanone	43	14.064	14.064	(0.931)	1249114	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1303471	10.0000	10
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1150516	10.0000	9.8
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2319359	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1719380	10.0000	9.7
	67 n-Nonane	57	15.247	15.247	(1.009)	1346176	10.0000	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2742676	10.0000	9.9
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	2259205	20.0000	20
M	70 Xylenes, Total	106				3370890	10.0000	30
	71 o-Xylene	106	15.883	15.883	(1.051)	1111685	10.0000	10
	72 Styrene	104	15.910	15.910	(1.053)	1744658	10.0000	10
	73 Bromoform	173	16.199	16.199	(1.072)	1405091	10.0000	10
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3117984	10.0000	9.9
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1650741	10.0000	10
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	3807852	10.0000	10
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1319336	10.0000	10
	79 n-Decane	57	16.852	16.852	(1.115)	1751541	10.0000	10
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3258029	10.0000	10
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	2966867	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	2714936	10.0000	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1448201	10.0000	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2590746	10.0000	9.9
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2732382	10.0000	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	3882031	10.0000	10
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3349171	10.0000	10
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	1900807	10.0000	9.7
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	1903453	10.0000	9.8
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2422363	10.0000	10
	91 Undecane	57	18.221	18.221	(1.206)	1990871	10.0000	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3047504	10.0000	10
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1802359	10.0000	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	1928635	10.0000	10
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1505904	10.0000	9.5
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1372890	10.0000	9.6
	97 Naphthalene	128	21.233	21.233	(1.405)	3242066	10.0000	9.6
	98 1,2,3-Trichlorobenzene	180	21.704	21.704	(1.436)	1398488	10.0000	9.6

QC Flag Legend

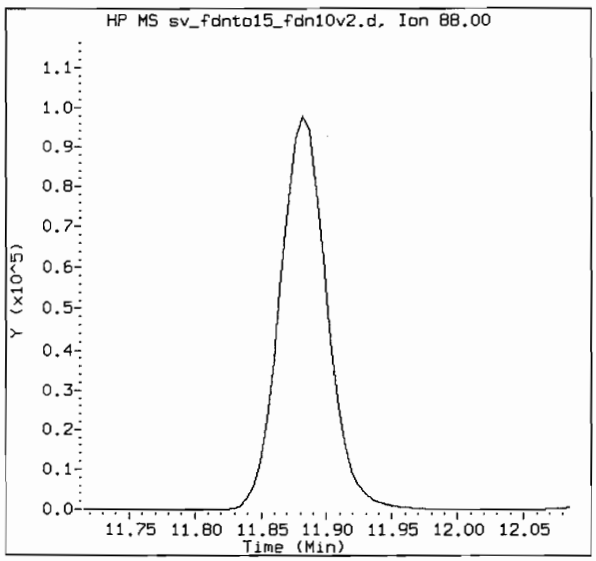
M - Compound response manually integrated.

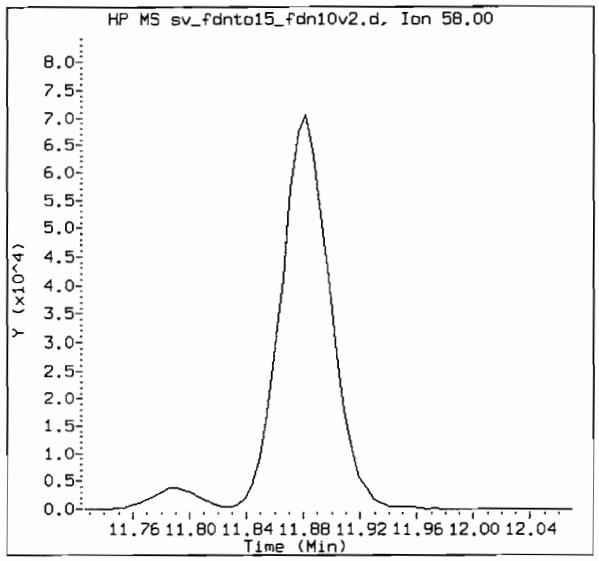
MANUAL INTEGRATION REPORT

Data File Name: fdn10v2.d
Client Sample ID: ASTD010
Compound Name: 1,4-Dioxane

Inj. Date and Time: 07-APR-2010 14:37
Instrument ID: F.i
CAS #: 123-91-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/12/2010 21:34





Original Integrations:

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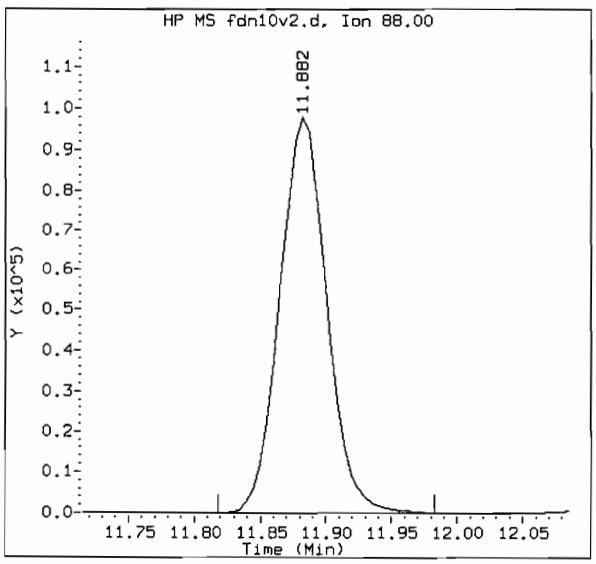
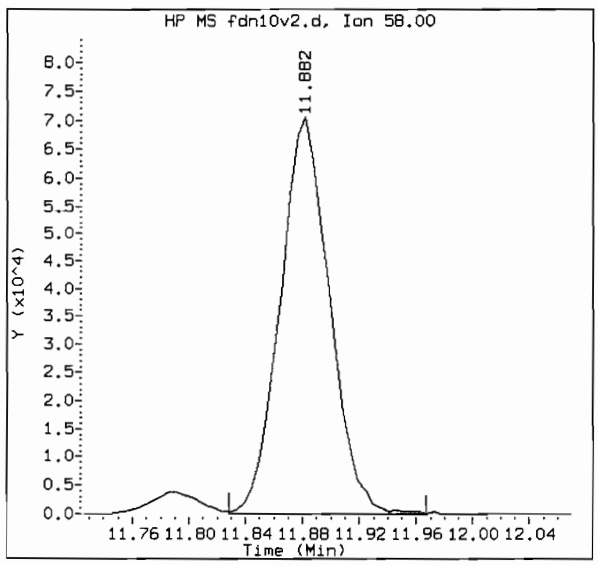
Area = 5815





Final Integrations:

Area = 242636

Area = 169510

Manual Integration Reason: MI3 - Mis-identification of peak

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d

Date : 07-APR-2010 15:28

Client ID: ASTD015

Instrument: F.i

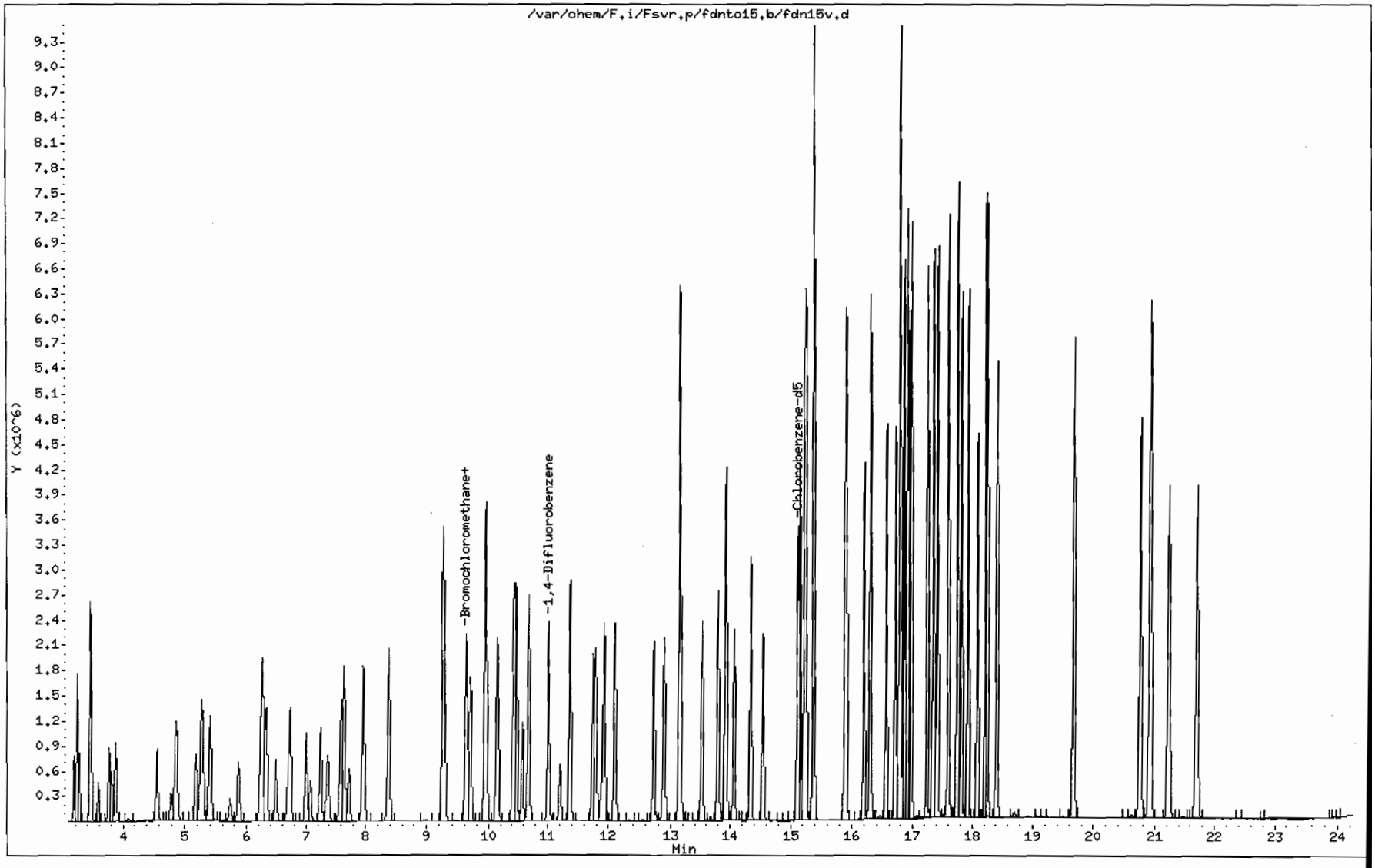
Sample Info: ic 021989

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 07-APR-2010 15:28
Operator : wrd Inst ID: F.i
Smp Info : ic 021989
Misc Info : ASTD015;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 15:28 Cal File: fdn15v.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Propene	41	3.167	3.167	(0.329)	361235	15.0000	15
2	Dichlorodifluoromethane	85	3.226	3.226	(0.335)	1658397	15.0000	15
3	Chlorodifluoromethane	51	3.263	3.263	(0.339)	865597	15.0000	14
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1749288	15.0000	15
5	Chloromethane	50	3.584	3.584	(0.373)	514703	15.0000	15
6	Butane	43	3.771	3.766	(0.392)	941152	15.0000	15
7	Vinyl chloride	62	3.809	3.809	(0.396)	690668	15.0000	15
8	Butadiene	54	3.878	3.879	(0.403)	523082	15.0000	15
9	Bromomethane	94	4.563	4.563	(0.474)	789696	15.0000	15
10	Chloroethane	64	4.788	4.788	(0.498)	428086	15.0000	15
11	2-Methylbutane	43	4.868	4.868	(0.506)	893758	15.0000	15
12	Vinyl bromide	106	5.178	5.179	(0.538)	825257	15.0000	15
13	Trichlorofluoromethane	101	5.275	5.275	(0.548)	2165828	15.0000	15
14	Pentane	43	5.408	5.403	(0.562)	1335402	15.0000	15
15	Ethanol	45	5.724	5.730	(0.595)	428930	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
16	Ethyl ether	59	5.863	5.863	(0.610)	624770	15.0000	15
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1580154	15.0000	15
18	Acrolein	56	6.216	6.216	(0.646)	348275	15.0000	15
19	1,1-Dichloroethene	96	6.323	6.323	(0.657)	749368	15.0000	15
20	Acetone	43	6.484	6.489	(0.674)	1282266	15.0000	15
21	Carbon disulfide	76	6.730	6.730	(0.700)	2428387	15.0000	15
22	Isopropyl alcohol	45	6.692	6.693	(0.696)	1001504	15.0000	15
23	3-Chloro-1-propene	41	7.003	7.003	(0.728)	1030309	15.0000	15
24	Acetonitrile	41	7.078	7.078	(0.736)	651530	15.0000	15
25	Methylene chloride	49	7.249	7.254	(0.754)	900655	15.0000	15
26	2-Methyl-2-propanol	59	7.372	7.372	(0.766)	1522078	15.0000	15
27	Methyl tert-butyl ether	73	7.596	7.602	(0.790)	2462865	15.0000	15
28	trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1300505	15.0000	15
29	Acrylonitrile	53	7.730	7.730	(0.804)	633448	15.0000	15
30	Hexane	57	7.966	7.966	(0.828)	1369805	15.0000	15
31	1,1-Dichloroethane	63	8.372	8.372	(0.870)	1571718	15.0000	15
32	Vinyl acetate	43	8.388	8.388	(0.872)	2189432	15.0000	15
M 33	1,2-Dichloroethene,Total	61				2200006	30.0000	30
34	cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	899501	15.0000	15
35	Ethyl acetate	88	9.271	9.271	(0.964)	78776	15.0000	15
36	2-Butanone(MEK)	72	9.260	9.260	(0.963)	438543	15.0000	15(Q)
* 37	Bromochloromethane	128	9.619	9.619	(1.000)	521911	10.0000	
38	Tetrahydrofuran	42	9.640	9.640	(0.875)	942646	15.0000	15
39	Chloroform	83	9.694	9.694	(1.008)	1801049	15.0000	15
40	Cyclohexane	84	9.956	9.956	(0.904)	1234905	15.0000	15
41	1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1886409	15.0000	15
42	Carbon tetrachloride	117	10.148	10.148	(0.921)	2019784	15.0000	15
43	Isooctane	57	10.432	10.432	(0.947)	4268865	15.0000	15
44	Benzene	78	10.469	10.475	(0.950)	2660923	15.0000	15
45	1,2-Dichloroethane	62	10.571	10.571	(0.960)	1234641	15.0000	15
46	n-Heptane	43	10.678	10.678	(0.969)	1563566	15.0000	15
* 47	1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2534933	10.0000	
48	n-Butanol	56	11.202	11.208	(1.017)	506776	15.0000	15
49	Trichloroethene	95	11.373	11.373	(1.033)	1211661	15.0000	15
50	1,2-Dichloropropane	63	11.748	11.748	(1.067)	1007076	15.0000	15
51	Methyl methacrylate	69	11.791	11.791	(1.070)	1018019	15.0000	15
52	Dibromomethane	174	11.930	11.930	(1.083)	1172958	15.0000	15
53	1,4-Dioxane	88	11.882	11.882	(1.079)	400417	15.0000	15
54	Dichlorobromomethane	83	12.101	12.101	(1.099)	2025058	15.0000	15
55	cis-1,3-Dichloropropene	75	12.727	12.727	(1.155)	1610977	15.0000	15
56	4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.170)	2014811	15.0000	15
57	n-Octane	43	13.144	13.144	(1.193)	2102484	15.0000	15
58	Toluene	92	13.160	13.160	(0.871)	2046030	15.0000	16
59	trans-1,3-Dichloropropene	75	13.519	13.519	(1.227)	1700672	15.0000	15
60	1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	992269	15.0000	15
61	Tetrachloroethene	166	13.925	13.925	(0.921)	1773493	15.0000	15
62	2-Hexanone	43	14.064	14.064	(0.931)	1981154	15.0000	15

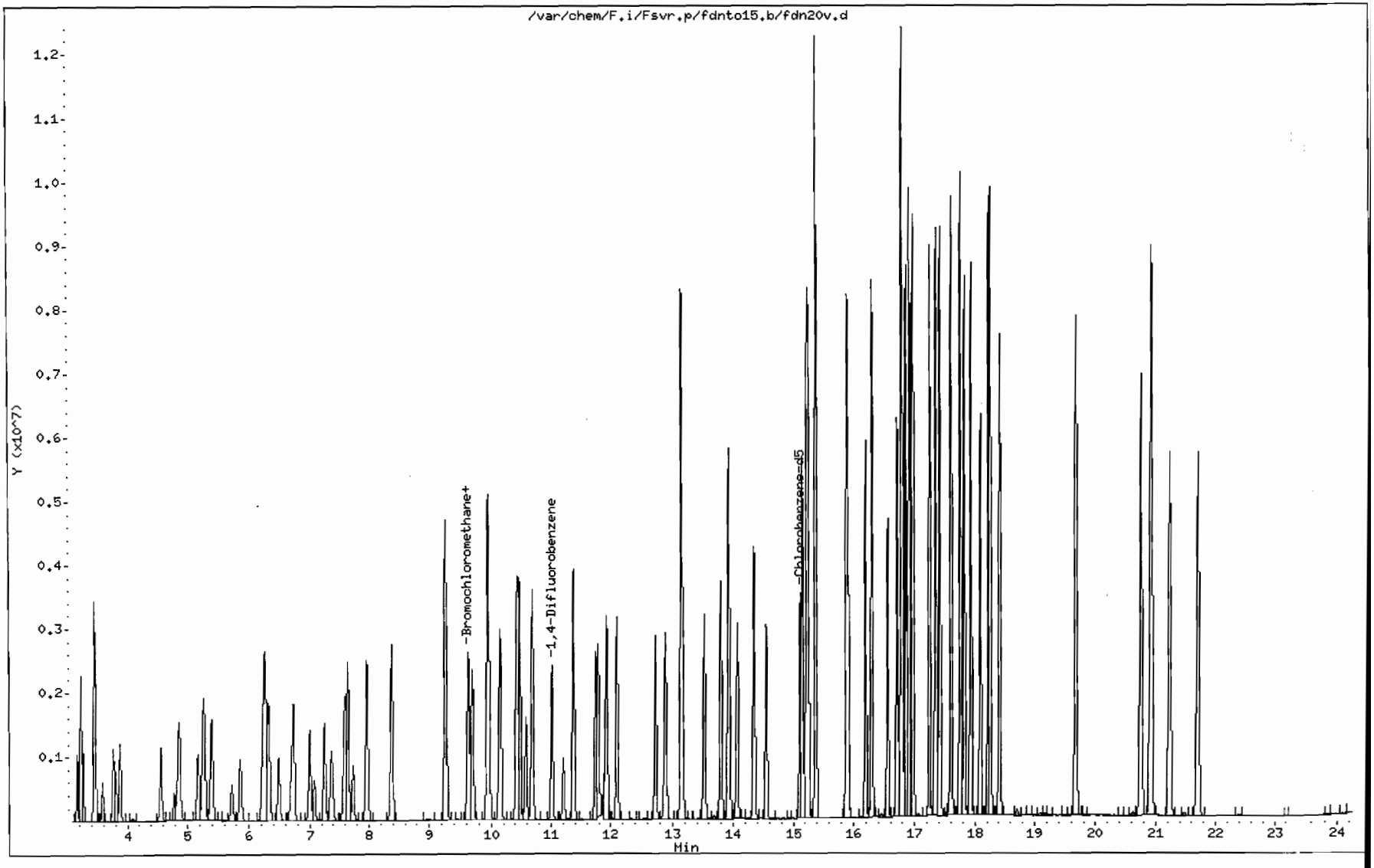
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	2188444	15.0000	16
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1901962	15.0000	16
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2431336	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	2839677	15.0000	15
	67 n-Nonane	57	15.247	15.247	(1.009)	2091135	15.0000	15
	68 Ethylbenzene	91	15.225	15.225	(1.007)	4451279	15.0000	15
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	3691522	30.0000	31
M	70 Xylenes, Total	106				5511262	15.0000	48
	71 o-Xylene	106	15.883	15.883	(1.051)	1819740	15.0000	16
	72 Styrene	104	15.910	15.910	(1.053)	2887048	15.0000	16
	73 Bromoform	173	16.199	16.199	(1.072)	2393201	15.0000	17
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	5100328	15.0000	15
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	2658458	15.0000	15
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	6084095	15.0000	16
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2083368	15.0000	16
	79 n-Decane	57	16.851	16.852	(1.115)	2732828	15.0000	15
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	5324368	15.0000	16
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	4774393	15.0000	15
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	4425084	15.0000	16
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	2402287	15.0000	16
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	4257116	15.0000	16
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	4463371	15.0000	16
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	6321904	15.0000	16
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	5527756	15.0000	16
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	3195164	15.0000	16
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	3197633	15.0000	16
	90 Benzyl chloride	91	18.087	18.087	(1.197)	4001884	15.0000	16
	91 Undecane	57	18.221	18.221	(1.206)	3074378	15.0000	16
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	4910757	15.0000	16
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	3001534	15.0000	16
	94 Dodecane	57	19.671	19.671	(1.302)	3013903	15.0000	15
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	2624964	15.0000	16
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	2342548	15.0000	16
	97 Naphthalene	128	21.233	21.233	(1.405)	5572421	15.0000	16
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	2400255	15.0000	16

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Date : 07-APR-2010 16:19
Client ID: ASTD020
Sample Info: ic 021985
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 07-APR-2010 16:19
Operator : wrd Inst ID: F.i
Smp Info : ic 021985
Misc Info : ASTD020;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 16:19 Cal File: fdn20v.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.162	3.167	(0.329)	476131	20.0000	19
2 Dichlorodifluoromethane	85	3.220	3.226	(0.335)	2177025	20.0000	19
3 Chlorodifluoromethane	51	3.258	3.263	(0.339)	1138844	20.0000	18
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.450	3.456	(0.359)	2284277	20.0000	19
5 Chloromethane	50	3.579	3.584	(0.372)	673334	20.0000	18
6 Butane	43	3.766	3.766	(0.392)	1199507	20.0000	18
7 Vinyl chloride	62	3.803	3.809	(0.395)	895058	20.0000	19
8 Butadiene	54	3.873	3.879	(0.403)	677621	20.0000	18
9 Bromomethane	94	4.558	4.563	(0.474)	1058955	20.0000	19
10 Chloroethane	64	4.782	4.788	(0.497)	562293	20.0000	19
11 2-Methylbutane	43	4.863	4.868	(0.506)	1145389	20.0000	18
12 Vinyl bromide	106	5.173	5.179	(0.538)	1111623	20.0000	20
13 Trichlorofluoromethane	101	5.269	5.275	(0.548)	2894054	20.0000	19
14 Pentane	43	5.398	5.403	(0.561)	1698195	20.0000	18
15 Ethanol	45	5.724	5.730	(0.595)	886257	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.858	5.863	(0.609)	848425	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	2149092	20.0000	20
	18 Acrolein	56	6.216	6.216	(0.646)	468687	20.0000	20
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	1032543	20.0000	20
	20 Acetone	43	6.484	6.489	(0.674)	1709195	20.0000	19
	21 Carbon disulfide	76	6.730	6.730	(0.700)	3275579	20.0000	20
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	1356455	20.0000	20
	23 3-Chloro-1-propene	41	6.997	7.003	(0.727)	1389802	20.0000	20
	24 Acetonitrile	41	7.077	7.078	(0.736)	855843	20.0000	20
	25 Methylene chloride	49	7.249	7.254	(0.754)	1205317	20.0000	19
	26 2-Methyl-2-propanol	59	7.366	7.372	(0.766)	2072328	20.0000	20
	27 Methyl tert-butyl ether	73	7.596	7.602	(0.790)	3344174	20.0000	20
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	1753358	20.0000	20
	29 Acrylonitrile	53	7.730	7.730	(0.804)	854100	20.0000	20
	30 Hexane	57	7.966	7.966	(0.828)	1849541	20.0000	19
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	2116897	20.0000	20
	32 Vinyl acetate	43	8.388	8.388	(0.872)	2911727	20.0000	20
M	33 1,2-Dichloroethene,Total	61				2977303	40.0000	39
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	1223945	20.0000	20
	35 Ethyl acetate	88	9.271	9.271	(0.964)	107337	20.0000	20
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	591167	20.0000	20(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	537032	10.0000	
	38 Tetrahydrofuran	42	9.635	9.640	(0.875)	1257158	20.0000	20
	39 Chloroform	83	9.693	9.694	(1.008)	2427216	20.0000	20
	40 Cyclohexane	84	9.956	9.956	(0.904)	1675115	20.0000	20
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	2549134	20.0000	20
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	2752690	20.0000	20
	43 Isooctane	57	10.432	10.432	(0.948)	5737620	20.0000	20
	44 Benzene	78	10.469	10.475	(0.951)	3595600	20.0000	20
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	1662109	20.0000	20
	46 n-Heptane	43	10.678	10.678	(0.970)	2086422	20.0000	19
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2588644	10.0000	
	48 n-Butanol	56	11.202	11.208	(1.017)	711880	20.0000	20
	49 Trichloroethene	95	11.373	11.373	(1.033)	1648629	20.0000	20
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	1352103	20.0000	20
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	1377664	20.0000	20
	52 Dibromomethane	174	11.930	11.930	(1.084)	1625567	20.0000	21
	53 1,4-Dioxane	88	11.876	11.882	(1.079)	540562	20.0000	20
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	2736009	20.0000	20
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	2175444	20.0000	20
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	2683571	20.0000	20
	57 n-Octane	43	13.144	13.144	(1.194)	2729726	20.0000	19
	58 Toluene	92	13.160	13.160	(0.871)	2740702	20.0000	21
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	2323489	20.0000	21
	60 1,1,2-Trichloroethane	83	13.791	13.792	(0.913)	1345960	20.0000	21
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	2455269	20.0000	21
	62 2-Hexanone	43	14.064	14.064	(0.931)	2644085	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	63 Chlorodibromomethane	129	14.342	14.343	(0.949)	3004728	20.0000	22
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	2598980	20.0000	21
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2432561	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	3872480	20.0000	21
	67 n-Nonane	57	15.246	15.247	(1.009)	2724462	20.0000	20
	68 Ethylbenzene	91	15.225	15.225	(1.007)	5956621	20.0000	21
	69 Xylene (m,p)	106	15.375	15.375	(1.017)	4942236	40.0000	42
M	70 Xylenes, Total	106				7396356	20.0000	64
	71 o-Xylene	106	15.883	15.883	(1.051)	2454120	20.0000	21
	72 Styrene	104	15.910	15.910	(1.053)	3911424	20.0000	22
	73 Bromoform	173	16.199	16.199	(1.072)	3323044	20.0000	23
	74 Isopropylbenzene	105	16.300	16.301	(1.079)	6925349	20.0000	21
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	3574383	20.0000	21
	77 n-Propylbenzene	91	16.782	16.782	(1.110)	8052835	20.0000	21
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	2741721	20.0000	20
	79 n-Decane	57	16.851	16.852	(1.115)	3605118	20.0000	20
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	7221362	20.0000	21
	81 2-Chlorotoluene	91	16.942	16.943	(1.121)	6401434	20.0000	21
	82 1,3,5-Trimethylbenzene	105	16.974	16.975	(1.123)	6001660	20.0000	21
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	3317835	20.0000	22
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	5809913	20.0000	21
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	6074357	20.0000	21
	86 sec-Butylbenzene	105	17.600	17.601	(1.165)	8554520	20.0000	21
	87 4-Isopropyltoluene	119	17.755	17.750	(1.175)	7529457	20.0000	22
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	4411702	20.0000	22
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	4432622	20.0000	22
	90 Benzyl chloride	91	18.087	18.087	(1.197)	5484366	20.0000	22
	91 Undecane	57	18.221	18.221	(1.206)	4031841	20.0000	20
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	6596316	20.0000	21
	93 1,2-Dichlorobenzene	146	18.413	18.414	(1.218)	4171857	20.0000	22
	94 Dodecane	57	19.671	19.671	(1.302)	4166547	20.0000	21
	95 1,2,4-Trichlorobenzene	180	20.751	20.752	(1.373)	3780922	20.0000	23
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	3371844	20.0000	22
	97 Naphthalene	128	21.233	21.233	(1.405)	7960253	20.0000	22
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	3481117	20.0000	23

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d

Date : 07-APR-2010 17:09

Client ID: ASTD040

Instrument: F.i

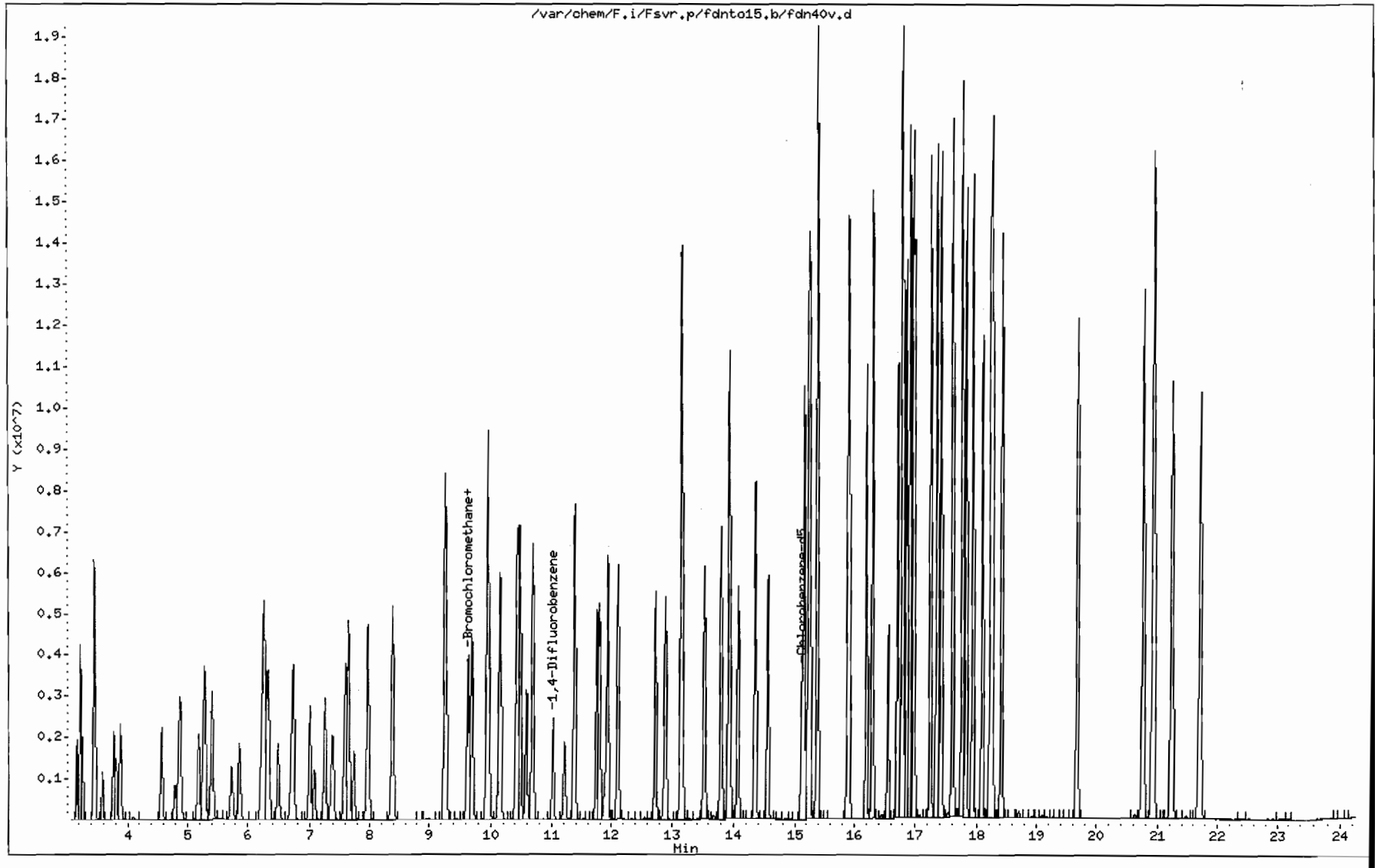
Sample Info: ic 021958

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 07-APR-2010 17:09
Operator : wrd Inst ID: F.i
Smp Info : ic 021958
Misc Info : ASTD040;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 9 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	904747	40.0000	34
2 Dichlorodifluoromethane	85	3.226	3.226	(0.335)	4110440	40.0000	34
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	2163372	40.0000	34
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	4227578	40.0000	33
5 Chloromethane	50	3.584	3.584	(0.372)	1305208	40.0000	34
6 Butane	43	3.772	3.766	(0.392)	2322666	40.0000	34
7 Vinyl chloride	62	3.809	3.809	(0.396)	1758485	40.0000	35
8 Butadiene	54	3.879	3.879	(0.403)	1335317	40.0000	35
9 Bromomethane	94	4.563	4.563	(0.474)	2083246	40.0000	36
10 Chloroethane	64	4.793	4.788	(0.498)	1123766	40.0000	37
11 2-Methylbutane	43	4.868	4.868	(0.506)	2281094	40.0000	35
12 Vinyl bromide	106	5.184	5.179	(0.539)	2214173	40.0000	37
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	5718122	40.0000	36
14 Pentane	43	5.409	5.403	(0.562)	3399354	40.0000	35
15 Ethanol	45	5.735	5.730	(0.596)	2195665	100.000	95

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.609)	1664050	40.0000	37
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.650)	4309459	40.0000	38
	18 Acrolein	56	6.216	6.216	(0.646)	913673	40.0000	37
	19 1,1-Dichloroethene	96	6.329	6.323	(0.658)	2066948	40.0000	38
	20 Acetone	43	6.489	6.489	(0.674)	3273240	40.0000	35
	21 Carbon disulfide	76	6.735	6.730	(0.700)	6490571	40.0000	38
	22 Isopropyl alcohol	45	6.703	6.693	(0.696)	2601631	40.0000	36
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	2713009	40.0000	37
	24 Acetonitrile	41	7.083	7.078	(0.736)	1659384	40.0000	37
	25 Methylene chloride	49	7.254	7.254	(0.754)	2347803	40.0000	35
	26 2-Methyl-2-propanol	59	7.377	7.372	(0.767)	4063835	40.0000	38
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.789)	6641655	40.0000	38
	28 trans-1,2-Dichloroethene	61	7.650	7.645	(0.795)	3417481	40.0000	37
	29 Acrylonitrile	53	7.736	7.730	(0.804)	1679146	40.0000	38
	30 Hexane	57	7.971	7.966	(0.828)	3567642	40.0000	36
	31 1,1-Dichloroethane	63	8.378	8.372	(0.870)	4115655	40.0000	37
	32 Vinyl acetate	43	8.394	8.388	(0.872)	5560478	40.0000	36
M	33 1,2-Dichloroethene,Total	61				5833151	80.0000	74
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.962)	2415670	40.0000	38
	35 Ethyl acetate	88	9.276	9.271	(0.964)	212297	40.0000	38
	36 2-Butanone(MEK)	72	9.266	9.260	(0.963)	1114613	40.0000	36(Q)
*	37 Bromochloromethane	128	9.624	9.619	(1.000)	559323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.875)	2408261	40.0000	37
	39 Chloroform	83	9.699	9.694	(1.008)	4808470	40.0000	37
	40 Cyclohexane	84	9.956	9.956	(0.904)	3279964	40.0000	39
	41 1,1,1-Trichloroethane	97	9.950	9.950	(0.903)	5022856	40.0000	39
	42 Carbon tetrachloride	117	10.148	10.148	(0.921)	5553161	40.0000	41(A)
	43 Isooctane	57	10.432	10.432	(0.947)	10848582	40.0000	37
	44 Benzene	78	10.475	10.475	(0.951)	7023898	40.0000	38
	45 1,2-Dichloroethane	62	10.576	10.571	(0.960)	3270399	40.0000	38
	46 n-Heptane	43	10.683	10.678	(0.970)	3908105	40.0000	36
*	47 1,4-Difluorobenzene	114	11.015	11.015	(1.000)	2617478	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.017)	1483077	40.0000	42(A)
	49 Trichloroethene	95	11.374	11.373	(1.033)	3255758	40.0000	39
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	2625479	40.0000	38
	51 Methyl methacrylate	69	11.796	11.791	(1.071)	2701090	40.0000	40
	52 Dibromomethane	174	11.930	11.930	(1.083)	3353385	40.0000	42(A)
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	1039828	40.0000	38
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	5401760	40.0000	40
	55 cis-1,3-Dichloropropene	75	12.732	12.727	(1.156)	4304364	40.0000	40
	56 4-Methyl-2-pentanone(MIBK)	43	12.893	12.887	(1.170)	5062934	40.0000	37
	57 n-Octane	43	13.144	13.144	(1.193)	4641650	40.0000	32
	58 Toluene	92	13.160	13.160	(0.871)	5057702	40.0000	38
	59 trans-1,3-Dichloropropene	75	13.524	13.519	(1.228)	4570105	40.0000	40(A)
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	2632924	40.0000	40
	61 Tetrachloroethene	166	13.925	13.925	(0.921)	5021679	40.0000	43(A)
	62 2-Hexanone	43	14.064	14.064	(0.931)	4980642	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
63	Chlorodibromomethane	129	14.348	14.343	(0.949)	6060180	40.0000	43 (A)
64	Ethylene Dibromide	107	14.551	14.546	(0.963)	5127664	40.0000	41 (A)
* 65	Chlorobenzene-d5	117	15.113	15.113	(1.000)	2482119	10.0000	
66	Chlorobenzene	112	15.156	15.150	(1.003)	7676263	40.0000	41 (A)
67	n-Nonane	57	15.252	15.247	(1.009)	4635956	40.0000	33
68	Ethylbenzene	91	15.225	15.225	(1.007)	10888115	40.0000	37
69	Xylene (m,p)	106	15.375	15.375	(1.017)	8674179	80.0000	72
M 70	Xylenes, Total	106				13319851	40.0000	110
71	o-Xylene	106	15.889	15.883	(1.051)	4645672	40.0000	39
72	Styrene	104	15.910	15.910	(1.053)	7370565	40.0000	40
73	Bromoform	173	16.199	16.199	(1.072)	6578548	40.0000	45 (A)
74	Isopropylbenzene	105	16.301	16.301	(1.079)	13098853	40.0000	39
76	1,1,2,2-Tetrachloroethane	83	16.713	16.707	(1.106)	6611291	40.0000	38
77	n-Propylbenzene	91	16.782	16.782	(1.110)	13682174	40.0000	34
78	1,2,3-Trichloropropane	75	16.798	16.793	(1.111)	4672380	40.0000	34
79	n-Decane	57	16.852	16.852	(1.115)	6115704	40.0000	34
80	4-Ethyltoluene	105	16.905	16.905	(1.119)	13453605	40.0000	38
81	2-Chlorotoluene	91	16.943	16.943	(1.121)	11808266	40.0000	37
82	1,3,5-Trimethylbenzene	105	16.975	16.975	(1.123)	11130226	40.0000	39
83	Alpha Methyl Styrene	118	17.242	17.242	(1.141)	6464250	40.0000	42 (A)
84	tert-butylbenzene	119	17.344	17.344	(1.148)	11143216	40.0000	40
85	1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	11443746	40.0000	39
86	sec-Butylbenzene	105	17.601	17.601	(1.165)	15783515	40.0000	38
87	4-Isopropyltoluene	119	17.756	17.750	(1.175)	14087614	40.0000	39
88	1,3-Dichlorobenzene	146	17.825	17.820	(1.179)	8775403	40.0000	42 (A)
89	1,4-Dichlorobenzene	146	17.938	17.932	(1.187)	8771340	40.0000	42 (A)
90	Benzyl chloride	91	18.087	18.087	(1.197)	10660350	40.0000	42 (A)
91	Undecane	57	18.227	18.221	(1.206)	6492917	40.0000	32
92	n-Butylbenzene	91	18.259	18.253	(1.208)	11651574	40.0000	36
93	1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	8308515	40.0000	42 (A)
94	Dodecane	57	19.671	19.671	(1.302)	6732921	40.0000	34
95	1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	7494777	40.0000	44 (A)
96	Hexachlorobutadiene	225	20.923	20.923	(1.384)	6581203	40.0000	43 (A)
97	Naphthalene	128	21.233	21.233	(1.405)	15214475	40.0000	42 (A)
98	1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	6602532	40.0000	42 (A)

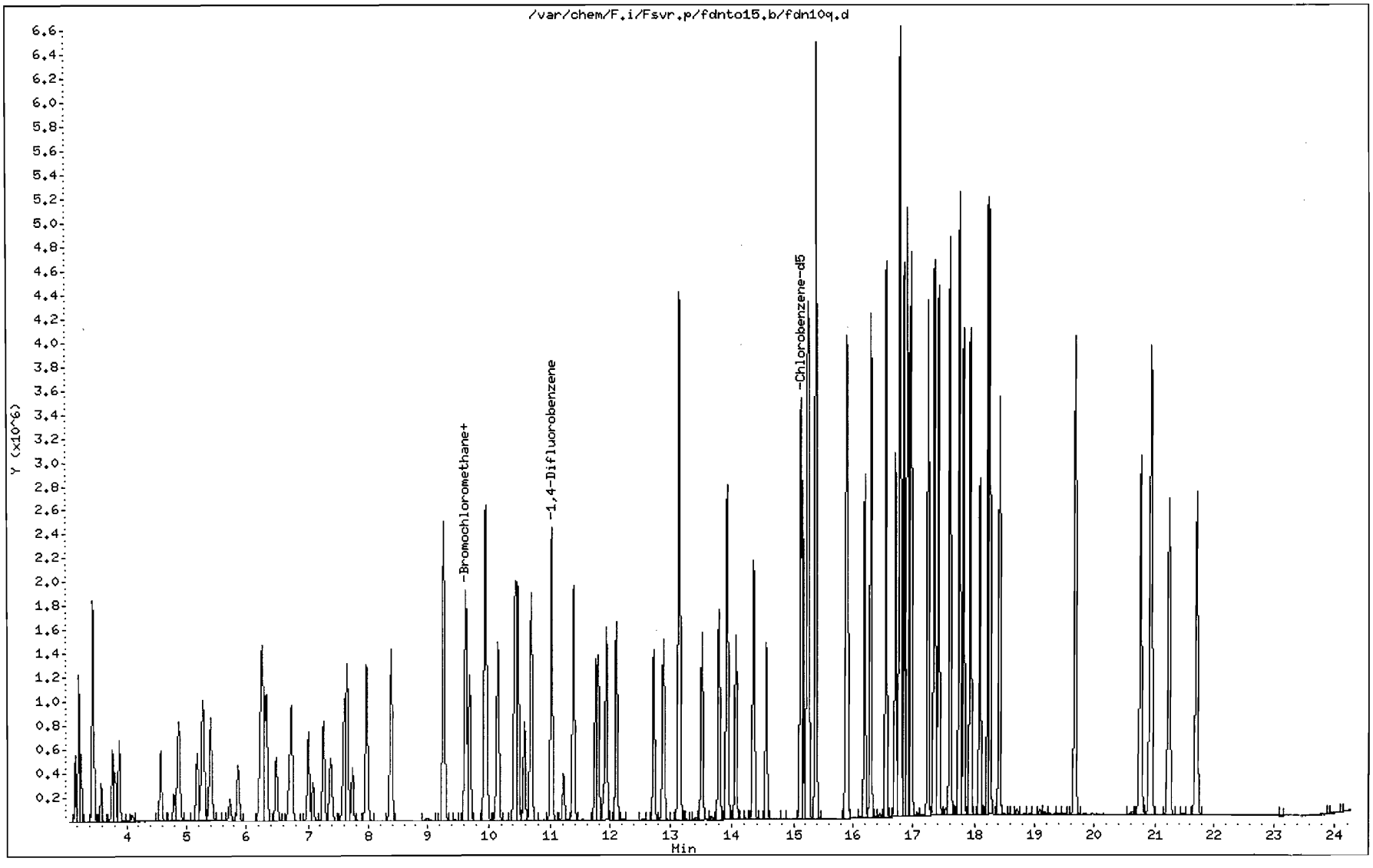
QC Flag Legend

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

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Date : 07-APR-2010 18:50
Client ID: FA040710ICV
Sample Info: icv 21407
Purge Volume: 200.0
Column phase: RTX-624

Page 7

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /var/chem/F.i/Fsvr.p/fdnto15.b/fdn10q.d
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Inj Date : 07-APR-2010 18:50
Operator : wrd Inst ID: F.i
Smp Info : icv 21407
Misc Info : ICV;040710FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Meth Date : 12-Apr-2010 21:34 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 10 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: full.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Propene	41	3.167	3.167	(0.329)	248586	9.79100	9.8
2 Dichlorodifluoromethane	85	3.231	3.226	(0.336)	1165594	10.0951	10
3 Chlorodifluoromethane	51	3.263	3.263	(0.339)	596369	9.71338	9.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.456	3.456	(0.359)	1233160	10.0374	10
5 Chloromethane	50	3.584	3.584	(0.373)	358619	9.85120	9.9
6 Butane	43	3.772	3.766	(0.392)	640229	9.80295	9.8
7 Vinyl chloride	62	3.809	3.809	(0.396)	488070	10.2624	10
8 Butadiene	54	3.879	3.879	(0.403)	380216	10.3414	10
9 Bromomethane	94	4.563	4.563	(0.474)	543092	9.93933	9.9
10 Chloroethane	64	4.788	4.788	(0.498)	295055	10.0219	10
11 2-Methylbutane	43	4.868	4.868	(0.506)	618955	9.82875	9.8
12 Vinyl bromide	106	5.179	5.179	(0.538)	590214	10.4370	10
13 Trichlorofluoromethane	101	5.275	5.275	(0.548)	1518045	10.1039	10
14 Pentane	43	5.403	5.403	(0.562)	919478	10.0017	10
15 Ethanol	45	5.730	5.730	(0.596)	286639	13.0102	13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	16 Ethyl ether	59	5.863	5.863	(0.610)	417836	9.74998	9.7
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.259	6.259	(0.651)	1199913	11.1330	11
	18 Acrolein	56	6.222	6.216	(0.647)	194739	8.30189	8.3
	19 1,1-Dichloroethene	96	6.323	6.323	(0.657)	582602	11.2919	11
	20 Acetone	43	6.489	6.489	(0.675)	947461	10.6328	11
	21 Carbon disulfide	76	6.730	6.730	(0.700)	1737777	10.5761	11
	22 Isopropyl alcohol	45	6.692	6.693	(0.696)	647193	9.46986	9.5
	23 3-Chloro-1-propene	41	7.003	7.003	(0.728)	720329	10.2518	10
	24 Acetonitrile	41	7.078	7.078	(0.736)	438938	10.1370	10
	25 Methylene chloride	49	7.249	7.254	(0.754)	676057	10.6522	11
	26 2-Methyl-2-propanol	59	7.372	7.372	(0.766)	997069	9.63424	9.6
	27 Methyl tert-butyl ether	73	7.597	7.602	(0.790)	1730652	10.3130	10
	28 trans-1,2-Dichloroethene	61	7.645	7.645	(0.795)	912167	10.2067	10
	29 Acrylonitrile	53	7.730	7.730	(0.804)	443079	10.3560	10
	30 Hexane	57	7.966	7.966	(0.828)	959063	10.1310	10
	31 1,1-Dichloroethane	63	8.372	8.372	(0.870)	1104128	10.2343	10
	32 Vinyl acetate	43	8.388	8.388	(0.872)	1488130	10.1067	10
M	33 1,2-Dichloroethene,Total	61				1556943	20.7242	21
	34 cis-1,2-Dichloroethene	96	9.260	9.260	(0.963)	644776	10.5176	11
	35 Ethyl acetate	88	9.271	9.271	(0.964)	53877	10.1813	10
	36 2-Butanone(MEK)	72	9.260	9.260	(0.963)	308537	10.4877	10(Q)
*	37 Bromochloromethane	128	9.619	9.619	(1.000)	535323	10.0000	
	38 Tetrahydrofuran	42	9.640	9.640	(0.876)	647954	10.0914	10
	39 Chloroform	83	9.694	9.694	(1.008)	1252128	10.1244	10
	40 Cyclohexane	84	9.956	9.956	(0.904)	859643	10.3494	10
	41 1,1,1-Trichloroethane	97	9.945	9.950	(0.903)	1297129	10.1014	10
	42 Carbon tetrachloride	117	10.148	10.148	(0.922)	1378723	10.1512	10
	43 Isooctane	57	10.432	10.432	(0.948)	3004130	10.2870	10
	44 Benzene	78	10.469	10.475	(0.951)	1848759	10.0936	10
	45 1,2-Dichloroethane	62	10.571	10.571	(0.960)	856907	10.0663	10
	46 n-Heptane	43	10.678	10.678	(0.970)	1096461	10.0565	10
*	47 1,4-Difluorobenzene	114	11.010	11.015	(1.000)	2607499	10.0000	
	48 n-Butanol	56	11.208	11.208	(1.018)	299013	8.47284	8.5
	49 Trichloroethene	95	11.373	11.373	(1.033)	829844	10.0668	10
	50 1,2-Dichloropropane	63	11.748	11.748	(1.067)	681459	9.93326	9.9
	51 Methyl methacrylate	69	11.791	11.791	(1.071)	680610	10.0111	10
	52 Dibromomethane	174	11.930	11.930	(1.084)	800264	10.0884	10
	53 1,4-Dioxane	88	11.882	11.882	(1.079)	238947	8.83699	8.8
	54 Dichlorobromomethane	83	12.101	12.101	(1.099)	1416105	10.4554	10
	55 cis-1,3-Dichloropropene	75	12.727	12.727	(1.156)	1072577	9.95026	10
	56 4-Methyl-2-pentanone(MIBK)	43	12.887	12.887	(1.171)	1392227	10.2788	10
	57 n-Octane	43	13.144	13.144	(1.194)	1480606	10.1643	10
	58 Toluene	92	13.155	13.160	(0.870)	1374636	10.3630	10
	59 trans-1,3-Dichloropropene	75	13.519	13.519	(1.228)	1129455	9.98630	10
	60 1,1,2-Trichloroethane	83	13.792	13.792	(0.913)	637643	9.71977	9.7
	61 Tetrachloroethene	166	13.920	13.925	(0.921)	1165126	10.0707	10
	62 2-Hexanone	43	14.064	14.064	(0.931)	1344599	10.4549	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	63 Chlorodibromomethane	129	14.343	14.343	(0.949)	1500313	10.9001	11
	64 Ethylene Dibromide	107	14.546	14.546	(0.962)	1248222	10.1146	10
*	65 Chlorobenzene-d5	117	15.113	15.113	(1.000)	2446135	10.0000	
	66 Chlorobenzene	112	15.150	15.150	(1.002)	1867970	10.0098	10
	67 n-Nonane	57	15.247	15.247	(1.009)	1454545	10.4410	10
	68 Ethylbenzene	91	15.225	15.225	(1.007)	2993086	10.2866	10
	69 Xylene (m,p)	106	15.370	15.375	(1.017)	2445906	20.6801	21
M	70 Xylenes, Total	106				3634330	31.1547	31
	71 o-Xylene	106	15.883	15.883	(1.051)	1188424	10.1876	10
	72 Styrene	104	15.910	15.910	(1.053)	1870455	10.2353	10
	73 Bromoform	173	16.199	16.199	(1.072)	1602107	11.0946	11
	74 Isopropylbenzene	105	16.301	16.301	(1.079)	3451365	10.4169	10
	76 1,1,2,2-Tetrachloroethane	83	16.707	16.707	(1.105)	1734505	10.0217	10
	77 n-Propylbenzene	91	16.777	16.782	(1.110)	4169630	10.6310	11
	78 1,2,3-Trichloropropane	75	16.793	16.793	(1.111)	1432857	10.6313	11
	79 n-Decane	57	16.852	16.852	(1.115)	1883991	10.5721	11
	80 4-Ethyltoluene	105	16.905	16.905	(1.119)	3651339	10.5964	11
	81 2-Chlorotoluene	91	16.943	16.943	(1.121)	3282394	10.5308	11
	82 1,3,5-Trimethylbenzene	105	16.969	16.975	(1.123)	2906024	10.2145	10
	83 Alpha Methyl Styrene	118	17.242	17.242	(1.141)	1572115	10.4576	10
	84 tert-butylbenzene	119	17.344	17.344	(1.148)	2887795	10.5112	11
	85 1,2,4-Trimethylbenzene	105	17.413	17.413	(1.152)	2897843	10.0606	10
	86 sec-Butylbenzene	105	17.601	17.601	(1.165)	4283502	10.5465	11
	87 4-Isopropyltoluene	119	17.750	17.750	(1.175)	3737005	10.6209	11
	88 1,3-Dichlorobenzene	146	17.820	17.820	(1.179)	2053586	9.98228	10
	89 1,4-Dichlorobenzene	146	17.932	17.932	(1.187)	2054690	10.0262	10
	90 Benzyl chloride	91	18.087	18.087	(1.197)	2463743	9.93943	9.9
	91 Undecane	57	18.221	18.221	(1.206)	2147572	10.7959	11
	92 n-Butylbenzene	91	18.253	18.253	(1.208)	3346134	10.5963	11
	93 1,2-Dichlorobenzene	146	18.414	18.414	(1.218)	1902048	9.81496	9.8
	94 Dodecane	57	19.671	19.671	(1.302)	2081978	10.5170	11
	95 1,2,4-Trichlorobenzene	180	20.752	20.752	(1.373)	1646531	9.81356	9.8
	96 Hexachlorobutadiene	225	20.923	20.923	(1.384)	1471737	9.74844	9.7
	97 Naphthalene	128	21.233	21.233	(1.405)	3692345	10.3530	10
	98 1,2,3-Trichlorobenzene	180	21.698	21.704	(1.436)	1626641	10.5633	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: fdnto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: FA040710ICV Client Smp ID: FA040710ICV
Level: LOW Operator: wrd
Data Type: MS DATA SampleType: METHSPIKE
SpikeList File: all.spk Quant Type: ISTD
Sublist File: full.sub
Method File: /chem/F.i/Fsvr.p/fdnto15.b/to15v4.m
Misc Info: ICV;040710FA;1;200

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1	Propene	10	9.8	97.91	70-130
2	Dichlorodifluorome	10	10	100.95	70-130
3	Chlorodifluorometh	10	9.7	97.13	70-130
4	1,2-Dichloro-1,1,2	10	10	100.37	70-130
5	Chloromethane	10	9.9	98.51	70-130
6	Butane	10	9.8	98.03	70-130
7	Vinyl chloride	10	10	102.62	70-130
8	Butadiene	10	10	103.41	70-130
9	Bromomethane	10	9.9	99.39	70-130
10	Chloroethane	10	10	100.22	70-130
11	2-Methylbutane	10	9.8	98.29	70-130
12	Vinyl bromide	10	10	104.37	70-130
13	Trichlorofluoromet	10	10	101.04	70-130
14	Pentane	10	10	100.02	70-130
15	Ethanol	15	13	86.73	70-130
16	Ethyl ether	10	9.7	97.50	70-130
18	Acrolein	10	8.3	83.02	70-130
17	1,1,2-Trichloro-1,	10	11	111.33	70-130
19	1,1-Dichloroethene	10	11	112.92	70-130
20	Acetone	10	11	106.33	70-130
22	Isopropyl alcohol	10	9.5	94.70	70-130
21	Carbon disulfide	10	11	105.76	70-130
23	3-Chloro-1-propene	10	10	102.52	70-130
24	Acetonitrile	10	10	101.37	70-130
25	Methylene chloride	10	11	106.52	70-130
26	2-Methyl-2-propano	10	9.6	96.34	70-130
27	Methyl tert-butyl	10	10	103.13	70-130
28	trans-1,2-Dichloro	10	10	102.07	70-130
29	Acrylonitrile	10	10	103.56	70-130
30	Hexane	10	10	101.31	70-130
32	Vinyl acetate	10	10	101.07	70-130
31	1,1-Dichloroethane	10	10	102.34	70-130
36	2-Butanone(MEK)	10	10	104.88	70-130

SPIKE		COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35	Ethyl acetate	10	10	101.81	70-130
	34	cis-1,2-Dichloroet	10	11	105.18	70-130
M	33	1,2-Dichloroethene	20	21	105.00	70-130
	39	Chloroform	10	10	101.24	70-130
	38	Tetrahydrofuran	10	10	100.91	70-130
	41	1,1,1-Trichloroeth	10	10	101.01	70-130
	40	Cyclohexane	10	10	103.49	70-130
	42	Carbon tetrachlori	10	10	101.51	70-130
	43	Isooctane	10	10	102.87	70-130
	44	Benzene	10	10	100.94	70-130
	45	1,2-Dichloroethane	10	10	100.66	70-130
	46	n-Heptane	10	10	100.57	70-130
	48	n-Butanol	10	8.5	84.73	70-130
	49	Trichloroethene	10	10	100.67	70-130
	51	Methyl methacrylat	10	10	100.11	70-130
	50	1,2-Dichloropropan	10	9.9	99.33	70-130
	53	1,4-Dioxane	10	8.8	88.37	70-130
	52	Dibromomethane	10	10	100.88	70-130
	54	Dichlorobromometha	10	10	104.55	70-130
	55	cis-1,3-Dichloropr	10	10	99.50	70-130
	56	4-Methyl-2-pentano	10	10	102.79	70-130
	57	n-Octane	10	10	101.64	70-130
	58	Toluene	10	10	103.63	70-130
	59	trans-1,3-Dichloro	10	10	99.86	70-130
	60	1,1,2-Trichloroeth	10	9.7	97.20	70-130
	61	Tetrachloroethene	10	10	100.71	70-130
	62	2-Hexanone	10	10	104.55	70-130
	63	Chlorodibromometha	10	11	109.00	70-130
	64	Ethylene Dibromide	10	10	101.15	70-130
	67	n-Nonane	10	10	104.41	70-130
	66	Chlorobenzene	10	10	100.10	70-130
	68	Ethylbenzene	10	10	102.87	70-130
	69	Xylene (m,p)	20	21	103.40	70-130
	71	o-Xylene	10	10	101.88	70-130
M	70	Xylenes, Total	30	31	103.85	70-130
	72	Styrene	10	10	102.35	70-130
	73	Bromoform	10	11	110.95	70-130
	74	Isopropylbenzene	10	10	104.17	70-130
	76	1,1,2,2-Tetrachlor	10	10	100.22	70-130
	79	n-Decane	10	11	105.72	70-130
	77	n-Propylbenzene	10	11	106.31	70-130
	78	1,2,3-Trichloropro	10	11	106.31	70-130
	80	4-Ethyltoluene	10	11	105.96	70-130
	82	1,3,5-Trimethylben	10	10	102.14	70-130
	81	2-Chlorotoluene	10	11	105.31	70-130
	83	Alpha Methyl Styre	10	10	104.58	70-130
	84	tert-butylbenzene	10	11	105.11	70-130

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
85	1,2,4-Trimethylben	10	10	100.61	70-130
86	sec-Butylbenzene	10	11	105.47	70-130
87	4-Isopropyltoluene	10	11	106.21	70-130
88	1,3-Dichlorobenzen	10	10	99.82	70-130
89	1,4-Dichlorobenzen	10	10	100.26	70-130
91	Undecane	10	11	107.96	70-130
90	Benzyl chloride	10	9.9	99.39	70-130
92	n-Butylbenzene	10	11	105.96	70-130
93	1,2-Dichlorobenzen	10	9.8	98.15	70-130
94	Dodecane	10	11	105.17	70-130
95	1,2,4-Trichloroben	10	9.8	98.14	70-130
96	Hexachlorobutadien	10	9.7	97.48	70-130
97	Naphthalene	10	10	103.53	70-130
98	1,2,3-Trichloroben	10	11	105.63	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.588	0.01	20.0	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.543	0.01	10.8	30.0
Chloromethane	0.680	0.603	0.01	11.3	30.0
Vinyl Chloride	0.888	0.828	0.01	6.8	30.0
1,3-Butadiene	0.687	0.616	0.01	10.3	30.0
Bromomethane	1.021	1.108	0.01	8.5	30.0
Chloroethane	0.550	0.523	0.01	4.9	30.0
Bromoethene	1.056	1.121	0.01	6.2	30.0
Trichlorofluoromethane	2.806	3.370	0.01	20.1	30.0
Freon TF	2.013	2.165	0.01	7.6	30.0
1,1-Dichloroethene	0.964	0.998	0.01	3.5	30.0
Acetone	1.664	1.717	0.01	3.2	30.0
Isopropyl Alcohol	1.277	1.198	0.01	6.2	30.0
Carbon disulfide	3.069	3.177	0.01	3.5	30.0
3-Chloropropene	1.312	1.193	0.01	9.1	30.0
Methylene chloride	1.185	1.092	0.01	7.8	30.0
tert-Butyl Alcohol	1.933	1.962	0.01	1.5	30.0
Methyl tert-Butyl Ether	3.135	3.240	0.01	3.3	30.0
trans-1,2-Dichloroethene	1.669	1.658	0.01	0.6	30.0
n-Hexane	1.768	1.619	0.01	8.4	30.0
1,1-Dichloroethane	2.015	1.990	0.1	1.2	30.0
Methyl Ethyl Ketone	0.550	0.533	0.01	3.1	30.0
cis-1,2-Dichloroethene	1.145	1.142	0.01	0.3	30.0
1,2-Dichloroethene,Total	1.407	1.400	0.01	0.5	30.0
Chloroform	2.310	2.504	0.01	8.4	30.0
Tetrahydrofuran	0.246	0.217	0.01	11.8	30.0
1,1,1-Trichloroethane	0.492	0.569	0.01	15.6	30.0
Cyclohexane	0.318	0.307	0.01	3.4	30.0
Carbon tetrachloride	0.521	0.607	0.01	16.5	30.0
2,2,4-Trimethylpentane	1.120	1.035	0.01	7.6	30.0
Benzene	0.702	0.683	0.01	2.7	30.0
1,2-Dichloroethane	0.326	0.342	0.01	4.9	30.0
n-Heptane	0.418	0.363	0.01	13.2	30.0
Trichloroethene	0.316	0.329	0.01	4.1	30.0
1,2-Dichloropropane	0.263	0.248	0.01	5.7	30.0
1,4-Dioxane	0.103	0.101	0.01	1.9	30.0
Bromodichloromethane	0.519	0.574	0.01	10.6	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

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

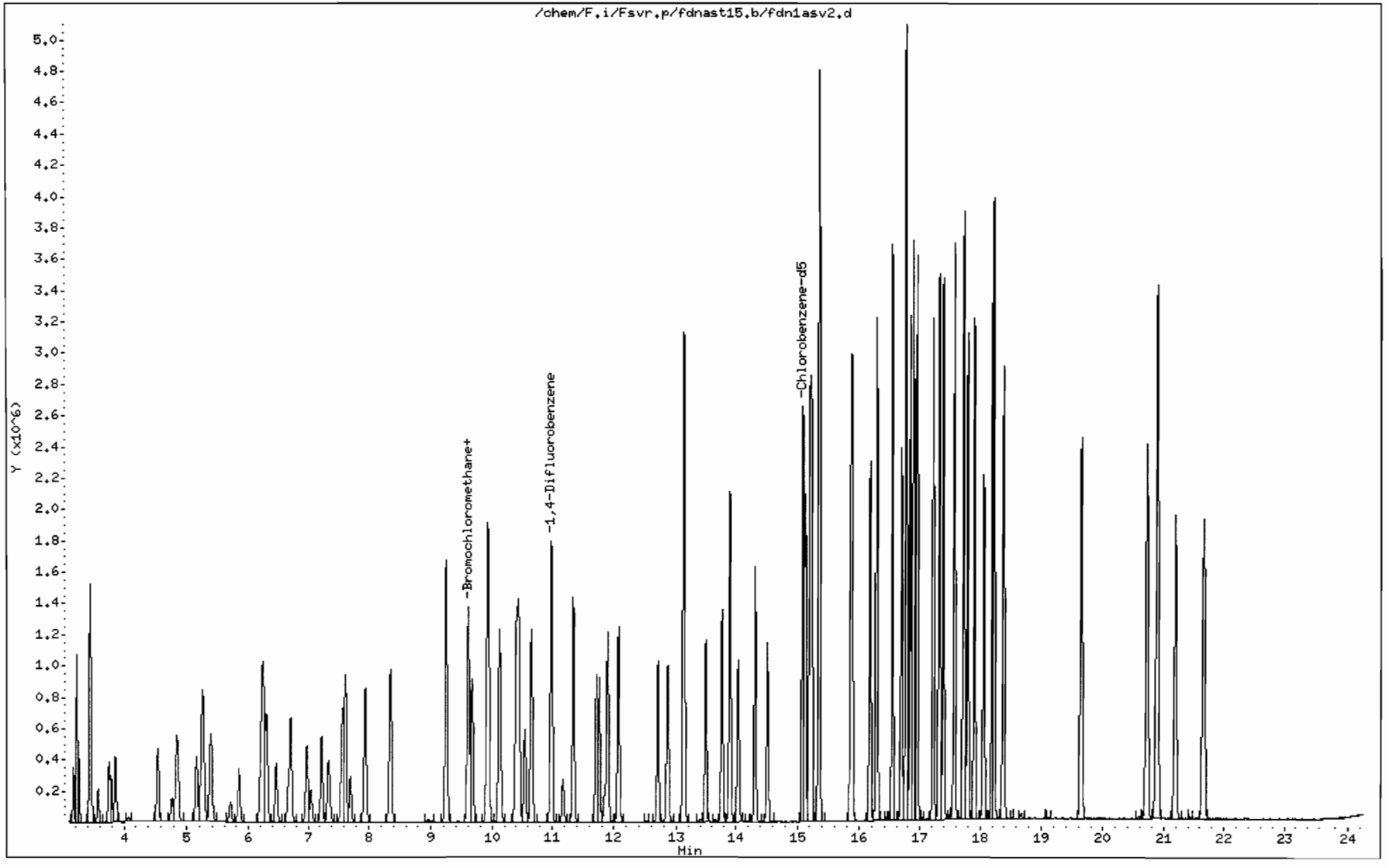
COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.412	0.01	0.2	30.0
Methyl Isobutyl Ketone	0.519	0.476	0.01	8.3	30.0
Toluene	0.542	0.531	0.01	2.0	30.0
trans-1,3-Dichloropropene	0.434	0.451	0.01	3.9	30.0
1,1,2-Trichloroethane	0.268	0.266	0.01	0.7	30.0
Tetrachloroethene	0.473	0.474	0.01	0.2	30.0
Methyl Butyl Ketone	0.526	0.478	0.01	9.1	30.0
Dibromochloromethane	0.562	0.614	0.01	9.2	30.0
1,2-Dibromoethane	0.504	0.527	0.01	4.6	30.0
Chlorobenzene	0.763	0.741	0.3	2.9	30.0
Ethylbenzene	1.189	1.225	0.01	3.0	30.0
Xylene (m,p)	0.484	0.480	0.01	0.8	30.0
Xylene (o)	0.477	0.473	0.01	0.8	30.0
Xylenes, Total	0.477	0.473	0.01	0.8	30.0
Styrene	0.747	0.734	0.01	1.7	30.0
Bromoform	0.590	0.679	0.01	15.1	30.0
1,1,2,2-Tetrachloroethane	0.708	0.730	0.01	3.1	30.0
4-Ethyltoluene	1.409	1.472	0.01	4.5	30.0
1,3,5-Trimethylbenzene	1.163	1.233	0.01	6.0	30.0
2-Chlorotoluene	1.274	1.371	0.01	7.6	30.0
1,2,4-Trimethylbenzene	1.178	1.245	0.01	5.7	30.0
1,3-Dichlorobenzene	0.841	0.883	0.01	5.0	30.0
1,4-Dichlorobenzene	0.838	0.888	0.01	6.0	30.0
1,2-Dichlorobenzene	0.792	0.852	0.01	7.6	30.0
1,2,4-Trichlorobenzene	0.686	0.713	0.01	3.9	30.0
Hexachlorobutadiene	0.617	0.705	0.01	14.3	30.0

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn1asv2.d
Date : 09-JUN-2010 11:52
Client ID: ASTD010
Sample Info: CCVIS 026276
Purge Volume: 200.0
Column phase: RTX-624

Page 6

Instrument: F.i

Operator: wrd
Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/fdn1asv2.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 09-JUN-2010 11:52
Operator : wrd Inst ID: F.i
Smp Info : CCVIS 026276
Misc Info : ASTD010;060910FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
2 Dichlorodifluoromethane	85	3.221	3.226	(0.336)	998143	10.0000	12
4 1,2-Dichlorotetrafluoroethane	85	3.445	3.456	(0.359)	980728	10.0000	11
5 Chloromethane	50	3.574	3.584	(0.373)	232649	10.0000	8.9
7 Vinyl Chloride	62	3.793	3.809	(0.395)	319393	10.0000	9.3
8 1,3-Butadiene	54	3.862	3.879	(0.403)	237783	10.0000	9.0
9 Bromomethane	94	4.547	4.563	(0.474)	427304	10.0000	11
10 Chloroethane	64	4.767	4.788	(0.497)	201876	10.0000	9.5
12 Bromoethene	106	5.162	5.179	(0.538)	432447	10.0000	11
13 Trichlorofluoromethane	101	5.253	5.275	(0.548)	1299855	10.0000	12
17 Freon TF	101	6.232	6.259	(0.650)	835034	10.0000	11
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	384851	10.0000	10
20 Acetone	43	6.457	6.489	(0.673)	662293	10.0000	10
22 Isopropyl Alcohol	45	6.666	6.693	(0.695)	462053	10.0000	9.4
21 Carbon disulfide	76	6.709	6.730	(0.699)	1225418	10.0000	10
23 3-Chloropropene	41	6.976	7.003	(0.727)	460256	10.0000	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	25 Methylene chloride	49	7.227	7.254	(0.753)	421192	10.0000	9.2
	26 tert-Butyl Alcohol	59	7.345	7.372	(0.766)	756821	10.0000	10
	27 Methyl tert-Butyl Ether	73	7.575	7.602	(0.790)	1249576	10.0000	10
	28 trans-1,2-Dichloroethene	61	7.618	7.645	(0.794)	639597	10.0000	9.9
	30 n-Hexane	57	7.944	7.966	(0.828)	624588	10.0000	9.2
	31 1,1-Dichloroethane	63	8.346	8.372	(0.870)	767356	10.0000	9.9
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.963)	205675	10.0000	9.7(Q)
	34 cis-1,2-Dichloroethene	96	9.234	9.260	(0.963)	440434	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1080031	20.0000	20
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	385677	10.0000	
	39 Chloroform	83	9.667	9.694	(1.008)	965784	10.0000	11
	38 Tetrahydrofuran	42	9.613	9.640	(0.875)	408803	10.0000	8.8
	41 1,1,1-Trichloroethane	97	9.924	9.950	(0.904)	1069655	10.0000	12
	40 Cyclohexane	84	9.929	9.956	(0.904)	577209	10.0000	9.6
	42 Carbon tetrachloride	117	10.122	10.148	(0.922)	1140872	10.0000	12
	43 2,2,4-Trimethylpentane	57	10.405	10.432	(0.947)	1946335	10.0000	9.2
	44 Benzene	78	10.443	10.475	(0.951)	1284918	10.0000	9.7
	45 1,2-Dichloroethane	62	10.544	10.571	(0.960)	644178	10.0000	10
	46 n-Heptane	43	10.657	10.678	(0.970)	682667	10.0000	8.7
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	1880491	10.0000	
	49 Trichloroethene	95	11.347	11.373	(1.033)	618817	10.0000	10
	50 1,2-Dichloropropane	63	11.716	11.748	(1.067)	466403	10.0000	9.4
	53 1,4-Dioxane	88	11.855	11.882	(1.079)	190284	10.0000	9.8
	54 Bromodichloromethane	83	12.069	12.101	(1.099)	1079925	10.0000	11
	55 cis-1,3-Dichloropropene	75	12.700	12.727	(1.156)	774330	10.0000	10
	56 Methyl Isobutyl Ketone	43	12.861	12.887	(1.171)	895157	10.0000	9.2
	58 Toluene	92	13.128	13.160	(0.870)	970022	10.0000	9.8
	59 trans-1,3-Dichloropropene	75	13.492	13.519	(1.228)	848079	10.0000	10
	60 1,1,2-Trichloroethane	83	13.759	13.792	(0.912)	486430	10.0000	9.9
	61 Tetrachloroethene	166	13.899	13.925	(0.921)	867058	10.0000	10
	62 Methyl Butyl Ketone	43	14.032	14.064	(0.930)	874513	10.0000	9.1
	63 Dibromochloromethane	129	14.316	14.343	(0.949)	1122372	10.0000	11
	64 1,2-Dibromoethane	107	14.519	14.546	(0.962)	963692	10.0000	10
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	1827895	10.0000	
	66 Chlorobenzene	112	15.124	15.150	(1.002)	1354477	10.0000	9.7
	68 Ethylbenzene	91	15.198	15.225	(1.007)	2239759	10.0000	10
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	1755058	20.0000	20
	71 Xylene (o)	106	15.862	15.883	(1.051)	864402	10.0000	9.9
M	70 Xylenes, Total	106				2619460	10.0000	30
	72 Styrene	104	15.883	15.910	(1.053)	1341935	10.0000	9.8
	73 Bromoform	173	16.172	16.199	(1.072)	1240455	10.0000	11
	76 1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1335059	10.0000	10
	80 4-Ethyltoluene	105	16.884	16.905	(1.119)	2690648	10.0000	10
	82 1,3,5-Trimethylbenzene	105	16.948	16.975	(1.123)	2253292	10.0000	11
	81 2-Chlorotoluene	91	16.916	16.943	(1.121)	2505551	10.0000	11
	85 1,2,4-Trimethylbenzene	105	17.392	17.413	(1.153)	2276166	10.0000	11
	88 1,3-Dichlorobenzene	146	17.798	17.820	(1.180)	1613890	10.0000	10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
89 1,4-Dichlorobenzene	146	17.905	17.932	(1.187)	1623077	10.0000	11
93 1,2-Dichlorobenzene	146	18.387	18.414	(1.219)	1556843	10.0000	11
95 1,2,4-Trichlorobenzene	180	20.714	20.752	(1.373)	1303505	10.0000	10
96 Hexachlorobutadiene	225	20.885	20.923	(1.384)	1289466	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Raw QC Data – TO-15 Volatile

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

Instrument: F.i

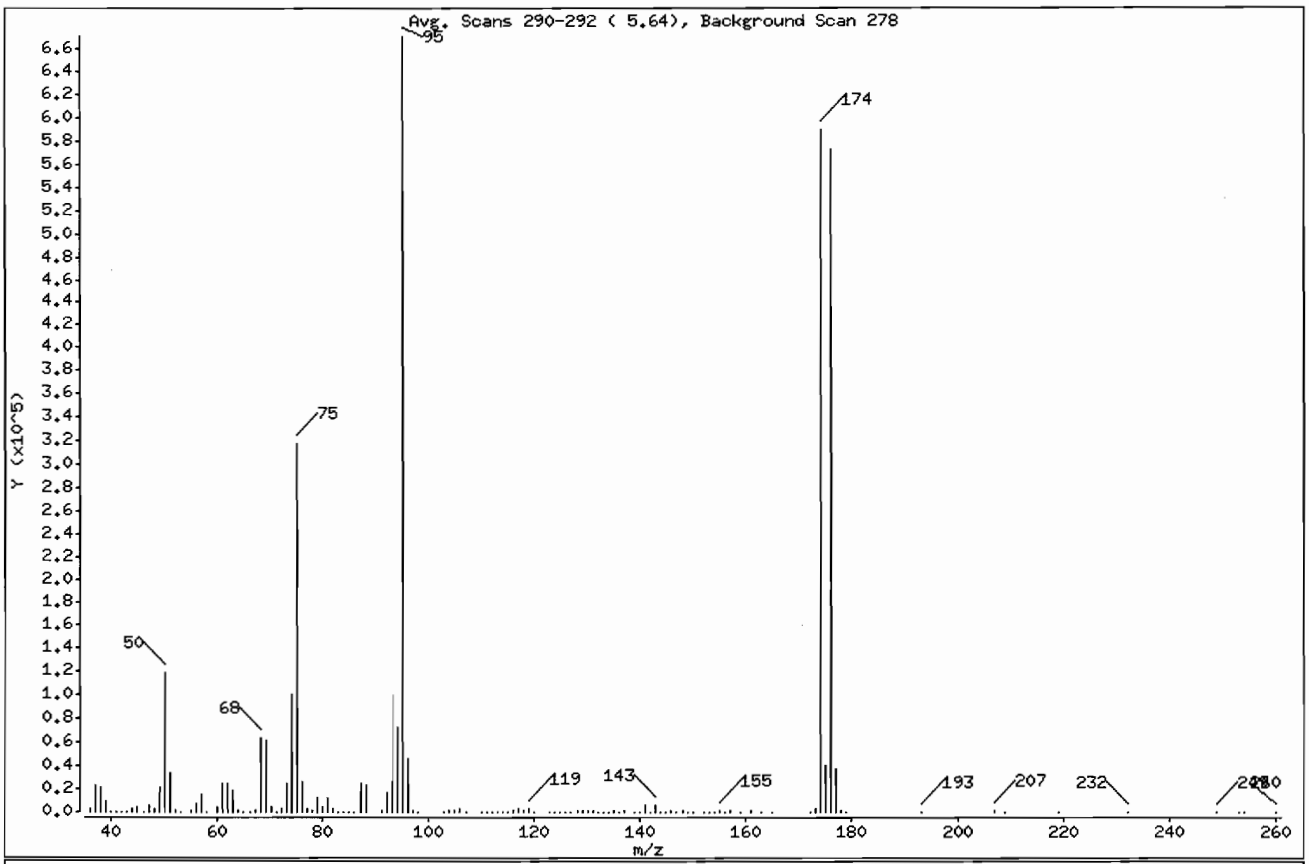
Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.62
75	30.00 - 66.00% of mass 95	47.44
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.46 (0.52)
174	50.00 - 120.00% of mass 95	87.89
175	4.00 - 9.00% of mass 174	6.08 (6.91)
176	93.00 - 101.00% of mass 174	85.33 (97.09)
177	5.00 - 9.00% of mass 176	5.53 (6.48)

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: fdn01pv.d
Spectrum: Avg. Scans 290-292 (5.64), Background Scan 278
Location of Maximum: 95.00
Number of points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3620	71.00	462	112.00	361	148.00	1630
37.00	22464	72.00	2733	113.00	453	149.00	493
38.00	20872	73.00	23928	114.00	209	150.00	672
39.00	8822	74.00	100760	115.00	747	152.00	212
40.00	104	75.00	318016	116.00	1927	153.00	513
41.00	77	76.00	26568	117.00	2778	154.00	422
42.00	32	77.00	3098	118.00	2186	155.00	1637
43.00	557	78.00	2190	119.00	2827	156.00	191
44.00	2385	79.00	11761	120.00	144	157.00	1133
45.00	4859	80.00	4154	123.00	166	159.00	684
46.00	300	81.00	12750	124.00	344	161.00	802
47.00	6727	82.00	2394	125.00	161	163.00	36
48.00	2984	83.00	306	126.00	331	165.00	145
49.00	21624	84.00	160	127.00	348	172.00	157
50.00	118120	85.00	259	128.00	2139	173.00	3075
51.00	34424	86.00	564	129.00	1067	174.00	589184
52.00	1412	87.00	24712	130.00	2214	175.00	40728
53.00	191	88.00	23840	131.00	1024	176.00	572032
55.00	1347	91.00	1667	132.00	68	177.00	37088
56.00	7387	92.00	16424	133.00	39	178.00	1062
57.00	15086	93.00	25512	134.00	269	179.00	82
58.00	708	94.00	72048	135.00	943	193.00	203
60.00	4720	95.00	670400	136.00	175	207.00	918
61.00	24832	96.00	45920	137.00	954	209.00	84
62.00	25216	97.00	1371	139.00	140	219.00	86
63.00	19152	98.00	70	140.00	408	232.00	175
64.00	1638	103.00	219	141.00	5406	249.00	253
65.00	240	104.00	2296	142.00	682	253.00	113
66.00	77	105.00	812	143.00	5878	254.00	72
67.00	1460	106.00	2318	144.00	371	260.00	114
68.00	63096	107.00	712	145.00	579		
69.00	62008	110.00	324	146.00	920		
70.00	4879	111.00	517	147.00	475		

Data File: /var/chem/F.i/Fsvr.p/fdnto15.b/fdn01pv.d

Date : 07-APR-2010 09:19

Client ID: FBFB

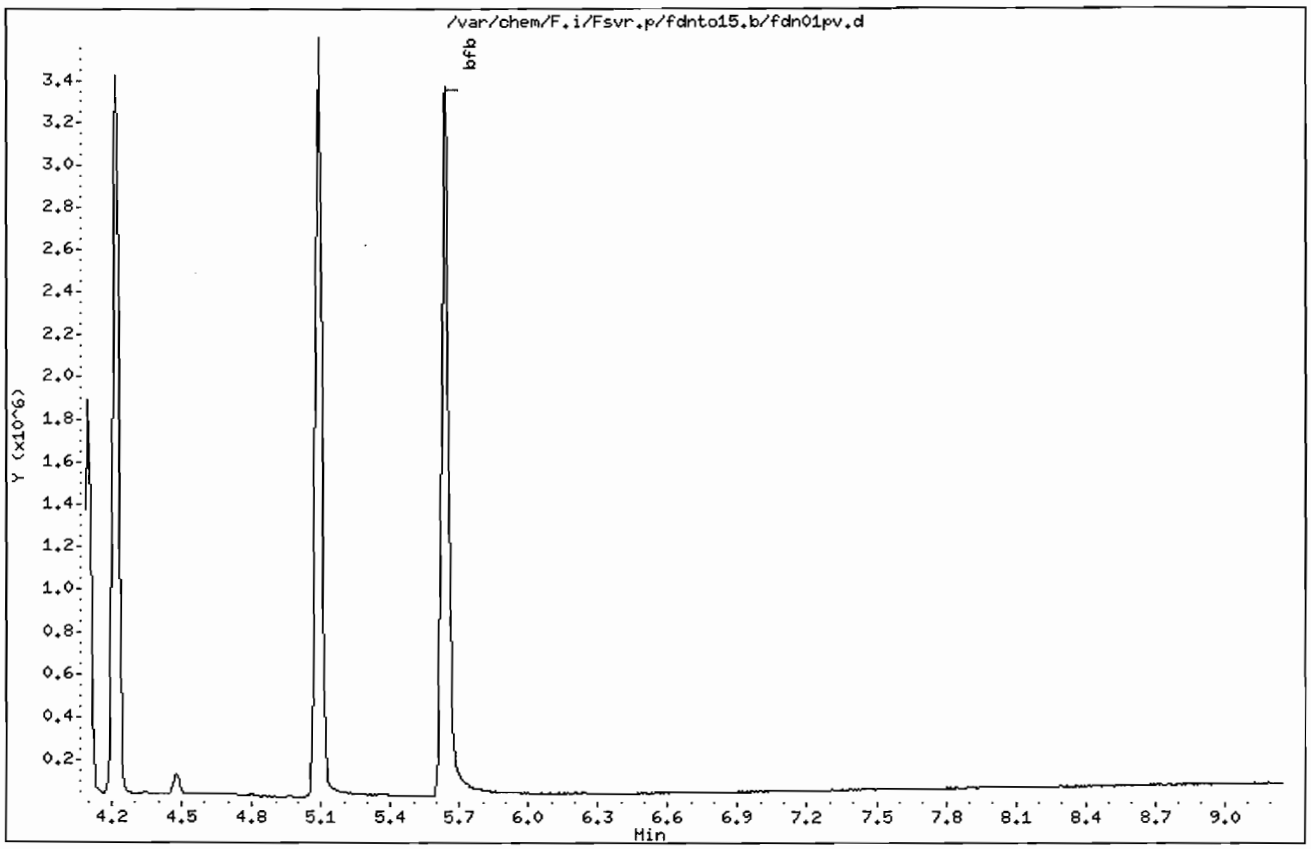
Instrument: F.i

Sample Info: FBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn46pv.d

Date : 09-JUN-2010 09:42

Client ID: VBFB

Instrument: F.i

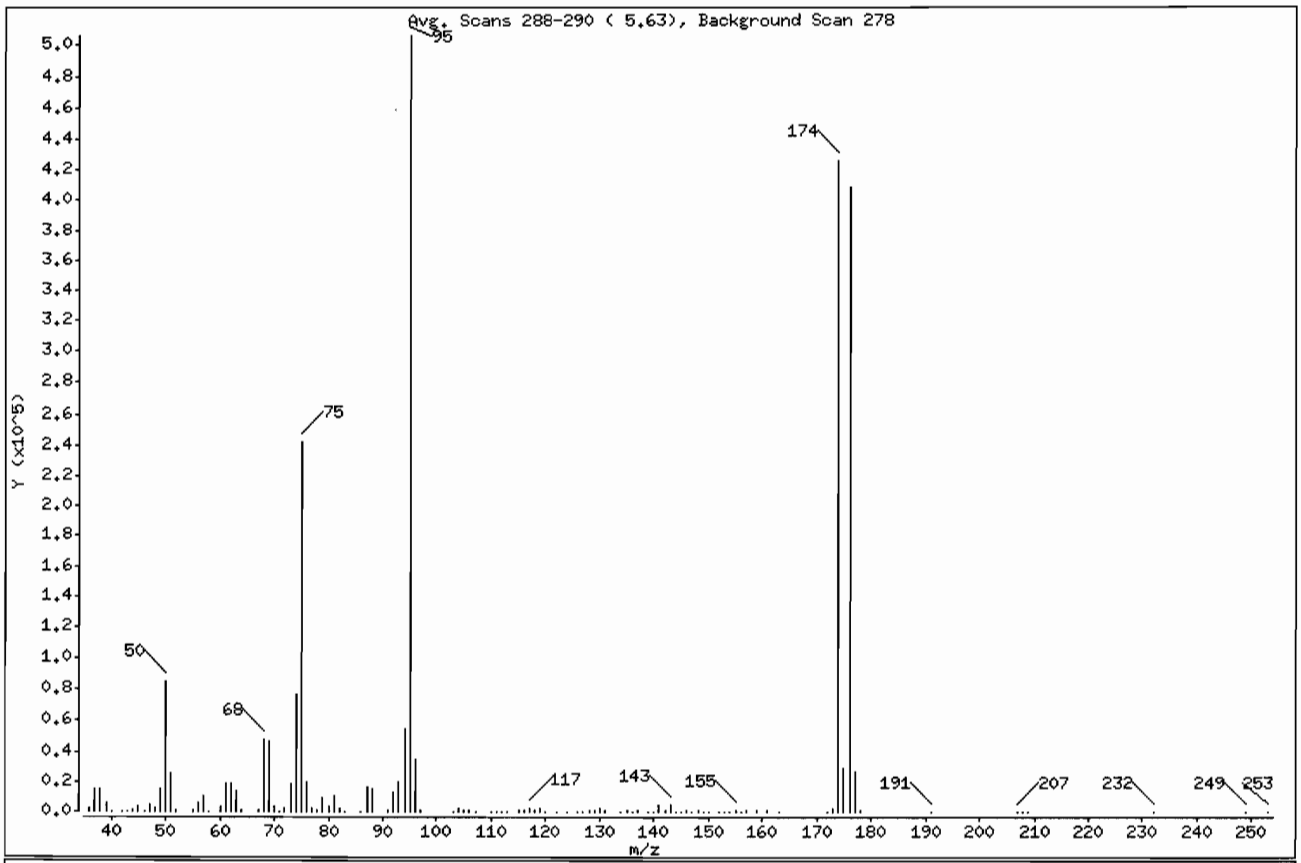
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.74
75	30.00 - 66.00% of mass 95	47.82
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.42 (0.50)
174	50.00 - 120.00% of mass 95	84.17
175	4.00 - 9.00% of mass 174	5.84 (6.94)
176	93.00 - 101.00% of mass 174	80.80 (95.99)
177	5.00 - 9.00% of mass 176	5.30 (6.56)

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn46pv.d

Date : 09-JUN-2010 09:42

Client ID: VBFB

Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: fdn46pv.d
Spectrum: Avg. Scans 288-290 (5.63), Background Scan 278
Location of Maximum: 95.00
Number of points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2632	71.00	84	111.00	281	147.00	345
37.00	15461	72.00	2043	112.00	178	148.00	1261
38.00	14737	73.00	18328	113.00	219	149.00	328
39.00	6095	74.00	76448	115.00	599	150.00	541
40.00	299	75.00	242112	116.00	1669	152.00	286
42.00	73	76.00	19656	117.00	2770	153.00	356
43.00	91	77.00	2442	118.00	1365	154.00	382
44.00	1385	78.00	1559	119.00	2259	155.00	1335
45.00	3540	79.00	9603	120.00	75	156.00	336
46.00	73	80.00	3515	122.00	81	157.00	862
47.00	4166	81.00	10659	124.00	330	159.00	637
48.00	2018	82.00	2585	126.00	188	161.00	717
49.00	15352	83.00	187	127.00	75	163.00	98
50.00	84760	86.00	392	128.00	1627	172.00	96
51.00	25584	87.00	16195	129.00	837	173.00	2137
52.00	869	88.00	15321	130.00	1778	174.00	426176
55.00	854	91.00	1698	131.00	650	175.00	29576
56.00	5478	92.00	12249	134.00	67	176.00	409088
57.00	10873	93.00	19296	135.00	607	177.00	26848
58.00	462	94.00	54856	136.00	80	178.00	669
60.00	3429	95.00	506304	137.00	823	191.00	68
61.00	18472	96.00	34544	139.00	98	207.00	427
62.00	18784	97.00	1000	140.00	245	208.00	261
63.00	14512	103.00	92	141.00	4613	209.00	184
64.00	1414	104.00	1826	142.00	588	232.00	179
67.00	1004	105.00	715	143.00	4844	249.00	80
68.00	47824	106.00	1681	144.00	239	253.00	24
69.00	47000	107.00	481	145.00	329		
70.00	3377	110.00	173	146.00	734		

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn46pv.d

Date : 09-JUN-2010 09:42

Client ID: VBFB

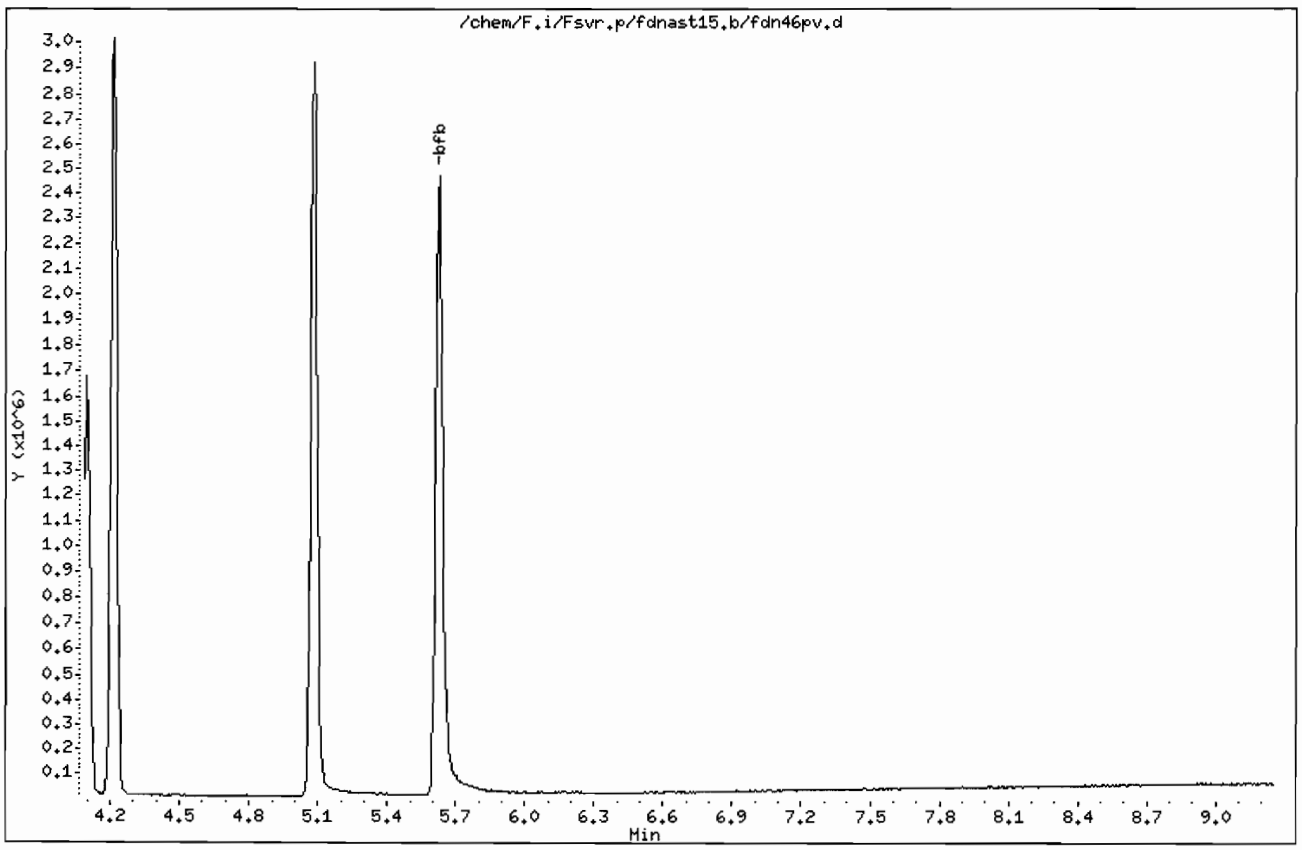
Instrument: F.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

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

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdnb01as.d

Page 4

Date : 09-JUN-2010 13:34

Client ID: MBLK060910FA

Instrument: F.i

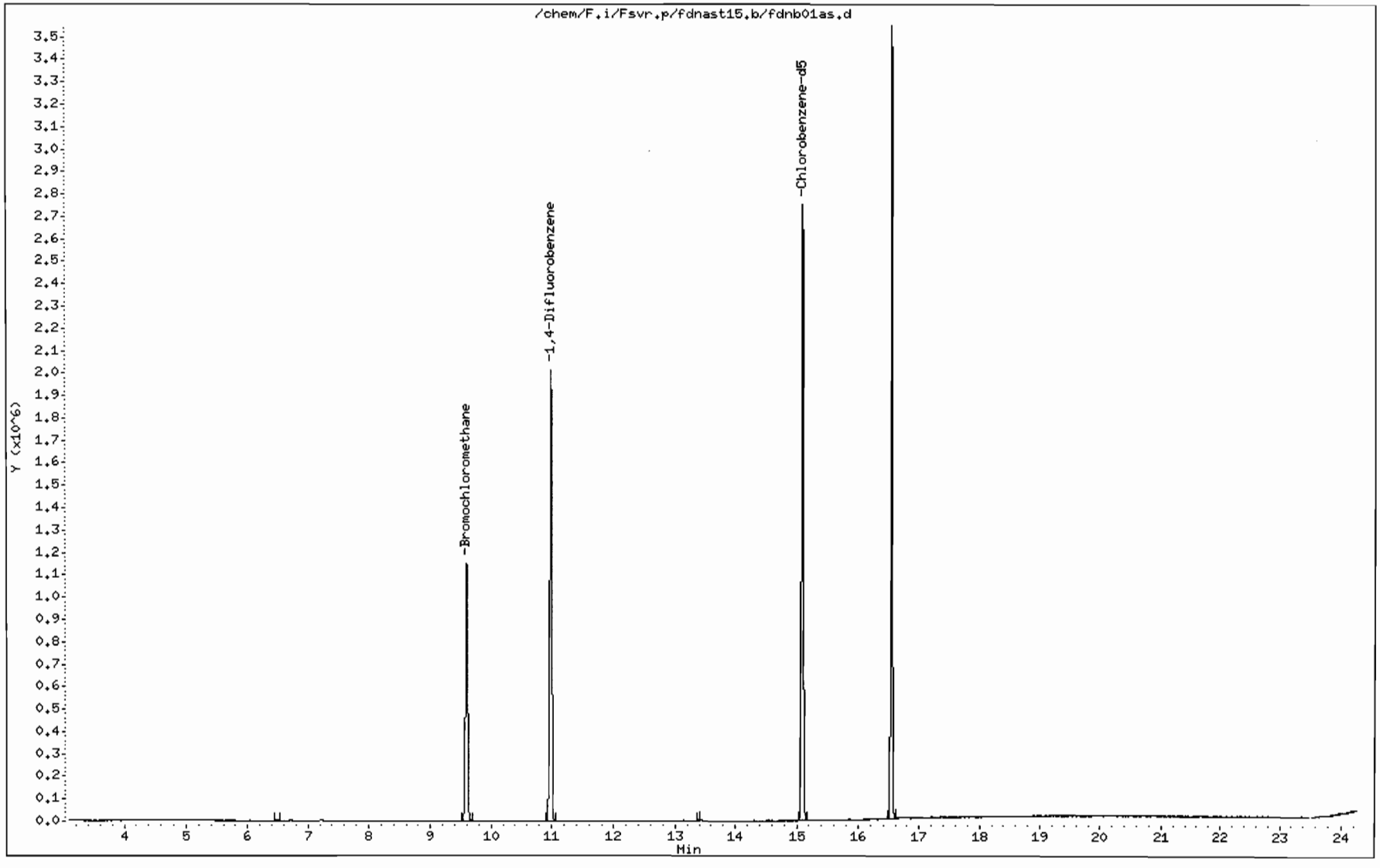
Sample Info: MB

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/fdnb01as.d
Lab Smp Id: MBLK060910FA Client Smp ID: MBLK060910FA
Inj Date : 09-JUN-2010 13:34
Operator : wrd Inst ID: F.i
Smp Info : MB
Misc Info : MBLK060910FA;060910FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl Chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 Freon TF	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
22 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
23 3-Chloropropene	41	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	Compound Not Detected.						
	26 tert-Butyl Alcohol	59	Compound Not Detected.						
	27 Methyl tert-Butyl Ether	73	Compound Not Detected.						
	28 trans-1,2-Dichloroethene	61	Compound Not Detected.						
	30 n-Hexane	57	Compound Not Detected.						
	31 1,1-Dichloroethane	63	Compound Not Detected.						
	36 Methyl Ethyl Ketone	72	Compound Not Detected.						
	34 cis-1,2-Dichloroethene	96	Compound Not Detected.						
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.						
*	37 Bromochloromethane	128	9.592	9.619	(1.000)	460219	10.0000		(Q)
	39 Chloroform	83	Compound Not Detected.						
	38 Tetrahydrofuran	42	Compound Not Detected.						
	41 1,1,1-Trichloroethane	97	Compound Not Detected.						
	40 Cyclohexane	84	Compound Not Detected.						
	42 Carbon tetrachloride	117	Compound Not Detected.						
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	44 Benzene	78	Compound Not Detected.						
	45 1,2-Dichloroethane	62	Compound Not Detected.						
	46 n-Heptane	43	Compound Not Detected.						
*	47 1,4-Difluorobenzene	114	10.983	11.015	(1.000)	2251786	10.0000		
	49 Trichloroethene	95	Compound Not Detected.						
	50 1,2-Dichloropropane	63	Compound Not Detected.						
	53 1,4-Dioxane	88	Compound Not Detected.						
	54 Bromodichloromethane	83	Compound Not Detected.						
	55 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	56 Methyl Isobutyl Ketone	43	Compound Not Detected.						
	58 Toluene	92	Compound Not Detected.						
	59 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	60 1,1,2-Trichloroethane	83	Compound Not Detected.						
	61 Tetrachloroethene	166	Compound Not Detected.						
	62 Methyl Butyl Ketone	43	Compound Not Detected.						
	63 Dibromochloromethane	129	Compound Not Detected.						
	64 1,2-Dibromoethane	107	Compound Not Detected.						
*	65 Chlorobenzene-d5	117	15.086	15.113	(1.000)	2065870	10.0000		
	66 Chlorobenzene	112	Compound Not Detected.						
	68 Ethylbenzene	91	Compound Not Detected.						
	69 Xylene (m,p)	106	Compound Not Detected.						
	71 Xylene (o)	106	Compound Not Detected.						
M	70 Xylenes, Total	106	Compound Not Detected.						
	72 Styrene	104	Compound Not Detected.						
	73 Bromoform	173	Compound Not Detected.						
	76 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	80 4-Ethyltoluene	105	Compound Not Detected.						
	82 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
	81 2-Chlorotoluene	91	Compound Not Detected.						
	85 1,2,4-Trimethylbenzene	105	Compound Not Detected.						
	88 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	Compound Not Detected.					
93 1,2-Dichlorobenzene	146	Compound Not Detected.					
95 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
96 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	10	
76-14-2	1,2-Dichlorotetrafluoroethan	9.8	
74-87-3	Chloromethane	7.6	
75-01-4	Vinyl Chloride	8.3	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.0	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	8.8	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.1	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.6	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.6	
71-43-2	Benzene	9.4	
107-06-2	1,2-Dichloroethane	9.7	
142-82-5	n-Heptane	7.9	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.6	
123-91-1	1,4-Dioxane	8.8	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.3	
108-10-1	Methyl Isobutyl Ketone	8.3	
108-88-3	Toluene	9.5	
10061-02-6	trans-1,3-Dichloropropene	9.6	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	10	
591-78-6	Methyl Butyl Ketone	8.2	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.6	
100-41-4	Ethylbenzene	9.9	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.6	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.5	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.3	
622-96-8	4-Ethyltoluene	10	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	9.9	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

Data File: /chem/F.i/Fsvr.p/fdnast15.b/fdn10asq.d

Page 4

Date : 09-JUN-2010 12:43

Client ID: FA060910LCS

Instrument: F.i

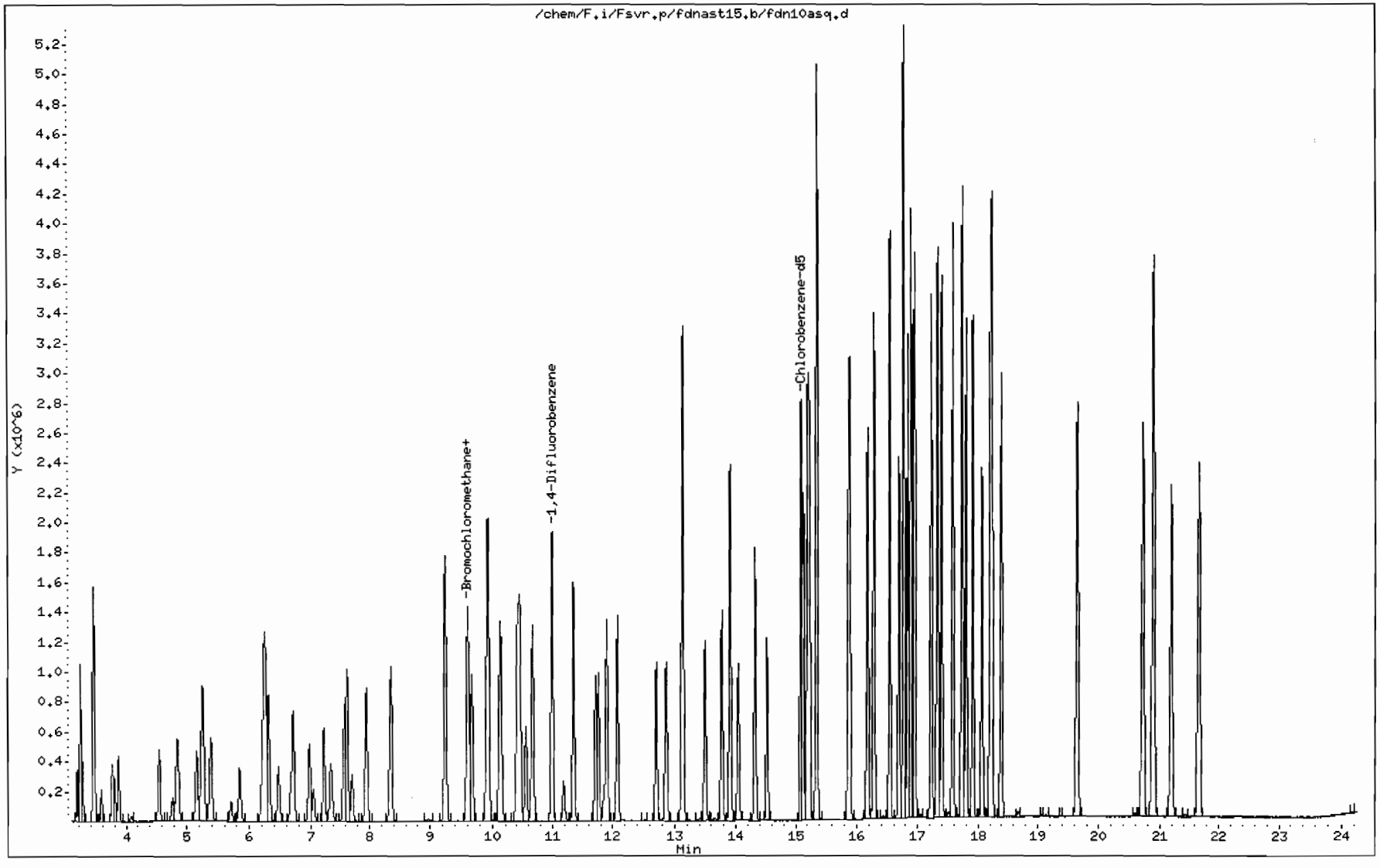
Sample Info: LCS 026272

Purge Volume: 200.0

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdnast15.b/fdn10asq.d
Lab Smp Id: FA060910LCS Client Smp ID: FA060910LCS
Inj Date : 09-JUN-2010 12:43
Operator : wrd Inst ID: F.i
Smp Info : LCS 026272
Misc Info : FA060910LCS;060910FA;1;200
Comment :
Method : /chem/F.i/Fsvr.p/fdnast15.b/to15v4.m
Meth Date : 22-Jun-2010 22:14 sv Quant Type: ISTD
Cal Date : 07-APR-2010 17:09 Cal File: fdn40v.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
2 Dichlorodifluoromethane	85	3.226	3.226	(0.336)	996242	10.4089	10
4 1,2-Dichlorotetrafluoroethane	85	3.451	3.456	(0.360)	994570	9.76586	9.8
5 Chloromethane	50	3.579	3.584	(0.373)	230612	7.64211	7.6
7 Vinyl Chloride	62	3.798	3.809	(0.396)	326300	8.27678	8.3
8 1,3-Butadiene	54	3.873	3.879	(0.404)	252326	8.27915	8.3
9 Bromomethane	94	4.553	4.563	(0.474)	444493	9.81350	9.8
10 Chloroethane	64	4.777	4.788	(0.498)	207748	8.51258	8.5
12 Bromoethene	106	5.163	5.179	(0.538)	491818	10.4917	10
13 Trichlorofluoromethane	101	5.259	5.275	(0.548)	1386284	11.1309	11
17 Freon TF	101	6.238	6.259	(0.650)	1033815	11.5713	12
19 1,1-Dichloroethene	96	6.302	6.323	(0.657)	492543	11.5163	12(Q)
20 Acetone	43	6.463	6.489	(0.673)	641504	8.68486	8.7
22 Isopropyl Alcohol	45	6.671	6.693	(0.695)	452818	7.99298	8.0
21 Carbon disulfide	76	6.714	6.730	(0.700)	1384878	10.1676	10
23 3-Chloropropene	41	6.981	7.003	(0.727)	482377	8.28190	8.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	25 Methylene chloride	49	7.228	7.254	(0.753)	466455	8.86626	8.9	
	26 tert-Butyl Alcohol	59	7.351	7.372	(0.766)	756427	8.81728	8.8	
	27 Methyl tert-Butyl Ether	73	7.575	7.602	(0.789)	1386555	9.96756	10	
	28 trans-1,2-Dichloroethene	61	7.623	7.645	(0.794)	677671	9.14754	9.1	
	30 n-Hexane	57	7.944	7.966	(0.828)	672367	8.56814	8.6	
	31 1,1-Dichloroethane	63	8.351	8.372	(0.870)	830504	9.28662	9.3	
	36 Methyl Ethyl Ketone	72	9.234	9.260	(0.962)	226501	9.28795	9.3	(Q)
	34 cis-1,2-Dichloroethene	96	9.234	9.260	(0.962)	518442	10.2019	10	
M	33 1,2-Dichloroethene,Total	61				1196113	19.3495	19	
*	37 Bromochloromethane	128	9.597	9.619	(1.000)	443752	10.0000		(Q)
	39 Chloroform	83	9.667	9.694	(1.007)	1056572	10.3061	10	
	38 Tetrahydrofuran	42	9.613	9.640	(0.875)	424362	8.05312	8.1	
	41 1,1,1-Trichloroethane	97	9.924	9.950	(0.903)	1166946	11.0730	11	
	40 Cyclohexane	84	9.934	9.956	(0.904)	651775	9.56123	9.6	
	42 Carbon tetrachloride	117	10.122	10.148	(0.921)	1259407	11.2986	11	
	43 2,2,4-Trimethylpentane	57	10.405	10.432	(0.947)	2070891	8.64061	8.6	
	44 Benzene	78	10.448	10.475	(0.951)	1420108	9.44727	9.4	
	45 1,2-Dichloroethane	62	10.550	10.571	(0.960)	679948	9.73269	9.7	
	46 n-Heptane	43	10.657	10.678	(0.970)	707194	7.90338	7.9	
*	47 1,4-Difluorobenzene	114	10.988	11.015	(1.000)	2139957	10.0000		
	49 Trichloroethene	95	11.347	11.373	(1.033)	688325	10.1744	10	
	50 1,2-Dichloropropane	63	11.721	11.748	(1.067)	487005	8.64977	8.6	
	53 1,4-Dioxane	88	11.855	11.882	(1.079)	195585	8.81368	8.8	
	54 Bromodichloromethane	83	12.074	12.101	(1.099)	1197830	10.7761	11	
	55 cis-1,3-Dichloropropene	75	12.700	12.727	(1.156)	825422	9.33042	9.3	
	56 Methyl Isobutyl Ketone	43	12.861	12.887	(1.170)	919856	8.27504	8.3	
	58 Toluene	92	13.134	13.160	(0.870)	1054295	9.45767	9.5	
	59 trans-1,3-Dichloropropene	75	13.492	13.519	(1.228)	891324	9.60263	9.6	
	60 1,1,2-Trichloroethane	83	13.765	13.792	(0.912)	504669	9.15401	9.2	
	61 Tetrachloroethene	166	13.899	13.925	(0.921)	1020474	10.4958	10	
	62 Methyl Butyl Ketone	43	14.038	14.064	(0.930)	881701	8.15783	8.2	
	63 Dibromochloromethane	129	14.316	14.343	(0.949)	1296709	11.2103	11	
	64 1,2-Dibromoethane	107	14.519	14.546	(0.962)	1049850	10.1231	10	
*	65 Chlorobenzene-d5	117	15.092	15.113	(1.000)	2055673	10.0000		
	66 Chlorobenzene	112	15.129	15.150	(1.002)	1505884	9.60223	9.6	
	68 Ethylbenzene	91	15.199	15.225	(1.007)	2420610	9.89928	9.9	
	69 Xylene (m,p)	106	15.348	15.375	(1.017)	1907727	19.1935	19	
	71 Xylene (o)	106	15.862	15.883	(1.051)	937895	9.56708	9.6	
M	70 Xylenes, Total	106				2845622	29.0270	29	
	72 Styrene	104	15.889	15.910	(1.053)	1462942	9.52593	9.5	
	73 Bromoform	173	16.172	16.199	(1.072)	1457020	12.0064	12	
	76 1,1,2,2-Tetrachloroethane	83	16.686	16.707	(1.106)	1358986	9.34347	9.3	
	80 4-Ethyltoluene	105	16.884	16.905	(1.119)	3007504	10.3858	10	
	82 1,3,5-Trimethylbenzene	105	16.953	16.975	(1.123)	2422705	10.1331	10	
	81 2-Chlorotoluene	91	16.921	16.943	(1.121)	2717674	10.3752	10	
	85 1,2,4-Trimethylbenzene	105	17.392	17.413	(1.152)	2407317	9.94511	9.9	
	88 1,3-Dichlorobenzene	146	17.799	17.820	(1.179)	1781722	10.3058	10	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
89 1,4-Dichlorobenzene	146	17.911	17.932	(1.187)	1799292	10.4476	10
93 1,2-Dichlorobenzene	146	18.387	18.414	(1.218)	1669941	10.2540	10
95 1,2,4-Trichlorobenzene	180	20.714	20.752	(1.373)	1500877	10.6446	11
96 Hexachlorobutadiene	225	20.885	20.923	(1.384)	1467254	11.5648	12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Sample Preparation – TO-15 Volatile

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. O. (MATT OLESKE)
Company: AKRF Inc.	Phone: 646.388.9525	1 of 1 COCs
Address: 440 PARK AVE SOUTH 7TH FLOOR	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: STEVE GRENS	
FAX: 212.726.0942	TA Contact: ERIN AREGATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: 40-22 College Pt. Blvd. Flushing, NY	Standard (Specify) X	
PO # 30141-0116	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-1	6/1/2010	11:06	11:36	-30	-6	4631	2730	X									X		
CE-VAPOR-2	6/1/2010	11:07	11:37	~~-30~~ -31	-12	4606	4545	X									X		
CE-VAPOR-3	6/1/2010	11:06	11:36	~~-31~~ -28	-4	4612	4211	X									X		
CE-VAPOR-4	6/1/2010	11:04	11:34	~~-28~~ -31	-4	4591	3160	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86.0	89.2
Stop	86.6	89.5

Pressure (inches of Hg)	Interior	Ambient
Start	29.78	29.78
Stop	29.78	29.78

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 6/1/2010 19:45	Samples Received by: 6/3/10 10:15
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
CEFLUS	NY137572	137572	6-4-10	1035	29.6	22	G5	J.J.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
831824	2730	-5.1	N	4631	Y	4922 FDNV	
831825	4545	-3.4	N	4606	Y	4922 FDNV	
831826	4211	-3.7	N	4612	Y	2641 FDNV	
831827	3160	-3.4	N	4591	Y	3160 CJCP	

6-4-2010 J.J.

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

TestAmerica Burlington - Manual Integration Summary
SDG: fdnto15 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD010	ASTD010	INIT. CALIB.	F	RTX-624	07-APR-2010 14:37	FDN10V2	
	11.882	1,4-Dioxane			MI3 - Mis-identification of peak	sv 04/12/10 21:32	sv 04/12/10

Summary Generated: sv 04/12/2010 21:38 Secondary Review(1): PAD | 4/12/10 Secondary Review(2): _____|_____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDN	Start Date: 4/7/10	Time: 0919	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 4/8/10	Time: 0919	CAL STD Lot #	see comment	Instrument: 5973
ICAL Date:	4/7/10	2009 75085		ICV / LCS Lot #	See Comment	Column Type: RTX-624

	Manager	Analyst WHP	Analyst	Analyst	Analyst
Name/Initial		William DeStefano			
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0919	FDN01P1V		BFB	NA			WHD	NA	NA	WHD	
1011	FDNB01	4983			1	200					
1104	FDNC02V	3366	Level 1		2				✓		22289
1157	FDN005V	3646	Level 2		3				✓		22287
1251	FDN05V	3142	Level 3		4				✓		21996
1345	FDN10V	3351	N/A		6						21990 Valve Closed
1437	FDN15V	3631	Level 5		7				✓		21989
1528	FDN20V	3535	Level 6		8				✓	WHD	21985
1709	FDN40V	2691	Level 7		9				✓		21958
1437	FDN10V2	3351	Level 4		6	200			✓	WHD	21990
1800	FDNB02	4983	IBLK		1	200				WHD	
1850	FDN10Q	3643	ICV		10	200		✓	✓		21407
1941	FDNB03	4983	MBLK		1	200		✓	✓		
2041	4223	NA	NA	0.16	11	1250		~~✓~~	~~✓~~	WHD	
2141	4591				12			✓	✓		
2241	3322				13			✓	✓		
2341	4279				14			✓	✓		
0041	2882				15			✓	✓		
0141	3351				16			✓	✓		
0241	2510				2			✓	✓		
0341	3296				3			✓	✓		
0441	4283				4			✓	✓		
0541	3405				5			✓	✓		
0642	2737				6			✓	✓		
0741	2866				7			✓	✓		
0841	4581	NA	NA	0.16	1	1250	NJR	✓	✓		
	3760			0.16	2	1250					4/8/10

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDNA5	Start Date: 6/9/10	Time: 0942	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 6/10/10	Time: 0942	CAL STD Lot #	26276	Instrument: 5973
ICAL Date:	4/7/10			ICV / LCS Lot #	26272	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0942	FDN46AV		BFB	NA	NA	NA	WRD	NA	NA	WRD	
1101	FDN16ASV	3544			1	200					long trace on trg 2
1152	FDN16ASV2	3544	CCV		1	200		NA	✓		AG
1243	FDN16BSD	2964	LCS		2			✓	✓		
1334	FDN8GIAS	4632	MBLK		3			✓	✓		
1454	831879D2	3259	137550	205	4	16		✓	✓	WRD	COF 16.4 C
1544	831880 D2	3015		5020	5	2050		✓	↑		COF 5.0 C120C66
1635	831946 D	2522	137602	2.5	6	80		✓	✓		C
1726	83A47D2	2683		40.4	7	21		✓	✓		COF 4.24 C
1817	831824D	2930	137572	10	8	20		✓	✓		High TICs C
1907	831825D	4545			9			✓	✓		C
1958	831826D	4211			10			✓	✓		C
2049	831827D	3160			11			✓	✓	WRD	C
2145	4161	NA	593	0.2	12	1000	WRD	✓	✓		
2240	3316		595		13			✓	✓		
2336	2967		506		14			✓	✓		
0027	831936	2509	137599	10	15	20		✓	✓		C
0118	831937	3150			16			✓	✓		C
0209	831938	2888			1			✓	✓		C
0300	831939	2784			2			✓	✓		C
0352	83168D3	3015	137550	100	5	26		✓	↓		COF 13.0
0443	832086D	Bag	137646	10	3	20		✓	✓		C High TICs
0534	832087			1	4	200		✓	✓		C
0625	832088	Bag	137647	1	6	200		✓	✓		C
0716	832089D			20	7	10		✓	✓		C High TICs
0807	832090 D			20	8	10		✓	✓	WRD	C
0858	83168D04	3015	137550	50	5	52	WRD	✓	✓		C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Sample Handling

From: Origin ID: JRAA (646) 388-9719
JoLayne Morneau
AKRF, Inc.
440 Park Avenue South, 7th Floor

New York, NY 10016

FedEx Express

J10181602220224

Ship Date: 01JUN10
ActWgt: 36.0 LB
CAD: 4800516/INET3010

Delivery Address Bar Code

SHIP TO: (646) 388-9864 **BILL SENDER**

Air Sample Receiving
TestAmerica Burlington
30 COMMUNITY DR STE 11

SOUTH BURLINGTON, VT 05403

Ref # 30141-0116
Invoice #
PO #
Dept #

TRK# 0201 7935 9481 4686

WED - 02 JUN AA
PRIORITY OVERNIGHT

05403
VT-US
BTV

ZF BTVA

505G1/22F2/5FE8

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

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TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: CEELUS	Date Received: 06/03/10	Log In Date: 06/03/10
ETR: 137572	Time Received: 1025	By:
SDG: NY137572	Received By: CK	Signature:
Project: 290060	# Coolers Received: 2 Boxes	PM Signature:
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 6/22/10
List Air bill Number(s) of Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact		X		
Custody seal numbers are present			X	
If yes, list custody seal numbers:				

Thermal Preservation Type: ☐ Wet Ice ☐ Blue Ice X None ☐ Other (specify)

IR Gun ID: 96 Correction Factor (CF) = -2 °C

Cooler 1: ATR	°C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures		X		Not relinquished
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X			
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

TestAmerica
South Burlington, VT

Sample Data Summary Package

NY137572

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

June 24, 2010

Ms. Kate Brenner
AKRF Inc.
440 Park Ave. South
New York, NY 10016

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY137572

Dear Ms. Brenner:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on June 3rd, 2010. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 06/03/10 ETR No: 137572		
831824	CE-VAPOR-1	06/01/10	AIR
831825	CE-VAPOR-2	06/01/10	AIR
831826	CE-VAPOR-3	06/01/10	AIR
831827	CE-VAPOR-4	06/01/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The volatile organics analyses for the vapor samples referenced above were accomplished at dilution based on screen analyses that showed concentrations of non-target analytes at concentrations sufficient to interfere with instrument operation if analyzed at full strength.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Don Dawicki
Project Manager

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831824

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0		2.0	8.2		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-1

Lab Name: TAL Burlington

SDG Number: NY137572

Lab Sample No.: 831824

Dilution Factor: 10.00

Date Analyzed: 06/09/10

Sample Matrix: AIR

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	3.3		2.0	14		8.7
Xylenes, Total	1330-20-7	3.3		2.0	14		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.7		2.0	18		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Lab Sample No.: 831825

Dilution Factor: 10.00

Date Analyzed: 06/09/10

Sample Matrix: AIR

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	4.6		2.0	21		9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	5.2		2.0	21		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-2

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831825

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	2.1		2.0	9.1		8.7
Xylenes, Total	1330-20-7	2.1		2.0	9.1		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.9		2.0	14		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Lab Sample No.: 831826

Dilution Factor: 10.00

Date Analyzed: 06/09/10

Sample Matrix: AIR

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.0	U	2.0	8.2	U	8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-3

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831826

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	2.9		2.0	13		8.7
Xylene (m,p)	1330-20-7	4.0	U	4.0	17	U	17
Xylene (o)	95-47-6	6.3		2.0	27		8.7
Xylenes, Total	1330-20-7	6.3		2.0	27		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	3.4		2.0	17		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Chloromethane	74-87-3	5.0	U	5.0	10	U	10
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
Freon TF	76-13-1	2.0	U	2.0	15	U	15
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
Acetone	67-64-1	50	U	50	120	U	120
Isopropyl Alcohol	67-63-0	50	U	50	120	U	120
Carbon disulfide	75-15-0	5.0	U	5.0	16	U	16
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene chloride	75-09-2	5.0	U	5.0	17	U	17
tert-Butyl Alcohol	75-65-0	50	U	50	150	U	150
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
Methyl Ethyl Ketone	78-93-3	5.0	U	5.0	15	U	15
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
1,2-Dichloroethene,Total	540-59-0	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
Tetrahydrofuran	109-99-9	50	U	50	150	U	150
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	3.7		2.0	15		8.2

TO-14/15
Result Summary

CLIENT SAMPLE NO.

CE-VAPOR-4

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 10.00

Sample Matrix: AIR

Lab Sample No.: 831827

Date Analyzed: 06/09/10

Date Received: 06/03/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
1,4-Dioxane	123-91-1	50	U	50	180	U	180
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Methyl Isobutyl Ketone	108-10-1	5.0	U	5.0	20	U	20
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	2.0	U	2.0	14	U	14
Methyl Butyl Ketone	591-78-6	5.0	U	5.0	20	U	20
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Chlorobenzene	108-90-7	2.0	U	2.0	9.2	U	9.2
Ethylbenzene	100-41-4	6.6		2.0	29		8.7
Xylene (m,p)	1330-20-7	6.9		4.0	30		17
Xylene (o)	95-47-6	15		2.0	65		8.7
Xylenes, Total	1330-20-7	22		2.0	96		8.7
Styrene	100-42-5	2.0	U	2.0	8.5	U	8.5
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	7.1		2.0	35		9.8
2-Chlorotoluene	95-49-8	2.0	U	2.0	10	U	10
1,2,4-Trimethylbenzene	95-63-6	2.0	U	2.0	9.8	U	9.8
1,3-Dichlorobenzene	541-73-1	2.0	U	2.0	12	U	12
1,4-Dichlorobenzene	106-46-7	2.0	U	2.0	12	U	12
1,2-Dichlorobenzene	95-50-1	2.0	U	2.0	12	U	12
1,2,4-Trichlorobenzene	120-82-1	5.0	U	5.0	37	U	37
Hexachlorobutadiene	87-68-3	2.0	U	2.0	21	U	21

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	10		0.50	49		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.8		0.20	69		1.4
Chloromethane	74-87-3	7.6		0.50	16		1.0
Vinyl Chloride	75-01-4	8.3		0.20	21		0.51
1,3-Butadiene	106-99-0	8.3		0.50	18		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	8.5		0.50	22		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	8.7		5.0	21		12
Isopropyl Alcohol	67-63-0	8.0		5.0	20		12
Carbon disulfide	75-15-0	10		0.50	31		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene chloride	75-09-2	8.9		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	8.8		5.0	27		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	9.1		0.20	36		0.79
n-Hexane	110-54-3	8.6		0.50	30		1.8
1,1-Dichloroethane	75-34-3	9.3		0.20	38		0.81
Methyl Ethyl Ketone	78-93-3	9.3		0.50	27		1.5
cis-1,2-Dichloroethene	156-59-2	10		0.20	40		0.79
1,2-Dichloroethene,Total	540-59-0	19		0.20	75		0.79
Chloroform	67-66-3	10		0.20	49		0.98
Tetrahydrofuran	109-99-9	8.1		5.0	24		15
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	9.6		0.20	33		0.69
Carbon tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.6		0.20	40		0.93
Benzene	71-43-2	9.4		0.20	30		0.64
1,2-Dichloroethane	107-06-2	9.7		0.20	39		0.81
n-Heptane	142-82-5	7.9		0.20	32		0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: FA060910

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	8.6		0.20	40		0.92
1,4-Dioxane	123-91-1	8.8		5.0	32		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	9.3		0.20	42		0.91
Methyl Isobutyl Ketone	108-10-1	8.3		0.50	34		2.0
Toluene	108-88-3	9.5		0.20	36		0.75
trans-1,3-Dichloropropene	10061-02-6	9.6		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	9.2		0.20	50		1.1
Tetrachloroethene	127-18-4	10		0.20	68		1.4
Methyl Butyl Ketone	591-78-6	8.2		0.50	34		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.9		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.40	83		1.7
Xylene (o)	95-47-6	9.6		0.20	42		0.87
Xylenes, Total	1330-20-7	29		0.20	130		0.87
Styrene	100-42-5	9.5		0.20	40		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.3		0.20	64		1.4
4-Ethyltoluene	622-96-8	10		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	9.9		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	10		0.20	60		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	11		0.50	82		3.7
Hexachlorobutadiene	87-68-3	12		0.20	130		2.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
Carbon disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethene,Total	540-59-0	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TAL Burlington

SDG Number: NY137572

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0609

Date Analyzed: 06/09/10

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylenes, Total	1330-20-7	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. O. (MATT OLESKE)	1 of 1 COCs
Company: AKRF INC.	Phone: 646.388.9525		
Address: 440 PARK AVE SOUTH 7TH FLOOR	Email: KBrunner@akrf.com		
City/State/Zip NEW YORK NY 10016			
Phone: 646.388.9525	Site Contact: STEVE GRENS		
FAX: 212.726.0942	TA Contact: ERIN ARESATE		
Project Name: CE FLUSHING	**Analysis Turnaround Time**		
Site: 40-22 College Pt. Blvd. Flushing, NY	Standard (Specify) X		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-1	6/1/2010	11:06	11:36	-30	-6	4631	2730	X									X		
CE-VAPOR-2	6/1/2010	11:07	11:37	~~-31~~ -30	-12	4606	4545	X									X		
CE-VAPOR-3	6/1/2010	11:06	11:36	~~-28~~ -31	-4	4612	4211	X									X		
CE-VAPOR-4	6/1/2010	11:04	11:34	~~-31~~ -28	-4	4591	3160	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86.0	89.2
Stop	86.6	89.5

Pressure (inches of Hg)	Interior	Ambient
Start	29.78	29.78
Stop	29.78	29.78

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 6/1/2010 19:45	Samples Received by: 1311025
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-1

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831824

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831824D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	3.3	
1330-20-7	Xylenes, Total	3.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.7	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	4.6	
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	5.2	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-2

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831825

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831825D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	2.1	
1330-20-7	Xylenes, Total	2.1	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2.9	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-3

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831826

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831826D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.9	
1330-20-7	Xylene (m,p)	4.0	U
95-47-6	Xylene (o)	6.3	
1330-20-7	Xylenes, Total	6.3	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	3.4	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	5.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	2.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	2.0	U
106-99-0	1,3-Butadiene	5.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	5.0	U
593-60-2	Bromoethene	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
76-13-1	Freon TF	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
67-64-1	Acetone	50	U
67-63-0	Isopropyl Alcohol	50	U
75-15-0	Carbon disulfide	5.0	U
107-05-1	3-Chloropropene	5.0	U
75-09-2	Methylene chloride	5.0	U
75-65-0	tert-Butyl Alcohol	50	U
1634-04-4	Methyl tert-Butyl Ether	5.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
110-54-3	n-Hexane	5.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	Methyl Ethyl Ketone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
540-59-0	1,2-Dichloroethene,Total	2.0	U
67-66-3	Chloroform	2.0	U
109-99-9	Tetrahydrofuran	50	U
71-55-6	1,1,1-Trichloroethane	2.0	U
110-82-7	Cyclohexane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
540-84-1	2,2,4-Trimethylpentane	2.0	U
71-43-2	Benzene	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
142-82-5	n-Heptane	3.7	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CEFLUS SAMPLE NO.

CE-VAPOR-4

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: 831827

Sample wt/vol: 20.00 (g/mL) ML Lab File ID: 831827D

Level: (low/med) LOW Date Received: 06/03/10

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 10.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
123-91-1	1,4-Dioxane	50	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
108-10-1	Methyl Isobutyl Ketone	5.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
591-78-6	Methyl Butyl Ketone	5.0	U
124-48-1	Dibromochloromethane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	6.6	
1330-20-7	Xylene (m,p)	6.9	
95-47-6	Xylene (o)	15	
1330-20-7	Xylenes, Total	22	
100-42-5	Styrene	2.0	U
75-25-2	Bromoform	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
622-96-8	4-Ethyltoluene	2.0	U
108-67-8	1,3,5-Trimethylbenzene	7.1	
95-49-8	2-Chlorotoluene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	2.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
76-13-1	Freon TF	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
75-15-0	Carbon disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene chloride	0.50	U
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
540-59-0	1,2-Dichloroethene,Total	0.20	U
67-66-3	Chloroform	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: MBLK060910FA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDNB01AS

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
123-91-1	1,4-Dioxane	5.0	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
591-78-6	Methyl Butyl Ketone	0.50	U
124-48-1	Dibromochloromethane	0.20	U
106-93-4	1,2-Dibromoethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.40	U
95-47-6	Xylene (o)	0.20	U
1330-20-7	Xylenes, Total	0.20	U
100-42-5	Styrene	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	10	
76-14-2	1,2-Dichlorotetrafluoroethan	9.8	
74-87-3	Chloromethane	7.6	
75-01-4	Vinyl Chloride	8.3	
106-99-0	1,3-Butadiene	8.3	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	8.5	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	8.7	
67-63-0	Isopropyl Alcohol	8.0	
75-15-0	Carbon disulfide	10	
107-05-1	3-Chloropropene	8.3	
75-09-2	Methylene chloride	8.9	
75-65-0	tert-Butyl Alcohol	8.8	
1634-04-4	Methyl tert-Butyl Ether	10	
156-60-5	trans-1,2-Dichloroethene	9.1	
110-54-3	n-Hexane	8.6	
75-34-3	1,1-Dichloroethane	9.3	
78-93-3	Methyl Ethyl Ketone	9.3	
156-59-2	cis-1,2-Dichloroethene	10	
540-59-0	1,2-Dichloroethene,Total	19	
67-66-3	Chloroform	10	
109-99-9	Tetrahydrofuran	8.1	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	9.6	
56-23-5	Carbon tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.6	
71-43-2	Benzene	9.4	
107-06-2	1,2-Dichloroethane	9.7	
142-82-5	n-Heptane	7.9	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FA060910LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix: (soil/water) AIR Lab Sample ID: FA060910LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: FDN10ASQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/09/10

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	8.6	
123-91-1	1,4-Dioxane	8.8	
75-27-4	Bromodichloromethane	11	
10061-01-5	cis-1,3-Dichloropropene	9.3	
108-10-1	Methyl Isobutyl Ketone	8.3	
108-88-3	Toluene	9.5	
10061-02-6	trans-1,3-Dichloropropene	9.6	
79-00-5	1,1,2-Trichloroethane	9.2	
127-18-4	Tetrachloroethene	10	
591-78-6	Methyl Butyl Ketone	8.2	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	9.6	
100-41-4	Ethylbenzene	9.9	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.6	
1330-20-7	Xylenes, Total	29	
100-42-5	Styrene	9.5	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	9.3	
622-96-8	4-Ethyltoluene	10	
108-67-8	1,3,5-Trimethylbenzene	10	
95-49-8	2-Chlorotoluene	10	
95-63-6	1,2,4-Trimethylbenzene	9.9	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	11	
87-68-3	Hexachlorobutadiene	12	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		10	100	70-130
1,2-Dichlorotetrafluoro	10		9.8	98	70-130
Chloromethane	10		7.6	76	70-130
Vinyl Chloride	10		8.3	83	70-130
1,3-Butadiene	10		8.3	83	70-130
Bromomethane	10		9.8	98	70-130
Chloroethane	10		8.5	85	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		8.7	87	70-130
Isopropyl Alcohol	10		8.0	80	70-130
Carbon disulfide	10		10	100	70-130
3-Chloropropene	10		8.3	83	70-130
Methylene chloride	10		8.9	89	70-130
tert-Butyl Alcohol	10		8.8	88	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
trans-1,2-Dichloroethen	10		9.1	91	70-130
n-Hexane	10		8.6	86	70-130
1,1-Dichloroethane	10		9.3	93	70-130
Methyl Ethyl Ketone	10		9.3	93	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
1,2-Dichloroethene,Tota	20		19	95	70-130
Chloroform	10		10	100	70-130
Tetrahydrofuran	10		8.1	81	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	10		9.6	96	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.6	86	70-130
Benzene	10		9.4	94	70-130
1,2-Dichloroethane	10		9.7	97	70-130
n-Heptane	10		7.9	79	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		8.6	86	70-130
1,4-Dioxane	10		8.8	88	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		9.3	93	70-130
Methyl Isobutyl Ketone	10		8.3	83	70-130
Toluene	10		9.5	95	70-130
trans-1,3-Dichloroprope	10		9.6	96	70-130
1,1,2-Trichloroethane	10		9.2	92	70-130
Tetrachloroethene	10		10	100	70-130
Methyl Butyl Ketone	10		8.2	82	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		9.6	96	70-130
Ethylbenzene	10		9.9	99	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.6	96	70-130
Xylenes, Total	30		29	97	70-130
Styrene	10		9.5	95	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		9.3	93	70-130
4-Ethyltoluene	10		10	100	70-130
1,3,5-Trimethylbenzene	10		10	100	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Matrix Spike - Sample No.: FA060910LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2-Chlorotoluene	10		10	100	70-130
1,2,4-Trimethylbenzene	10		9.9	99	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		10	100	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		11	110	70-130
Hexachlorobutadiene	10		12	120	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 63 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK060910FA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDNB01AS Lab Sample ID: MBLK060910FA

Date Analyzed: 06/09/10 Time Analyzed: 1334

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FA060910LCS	FA060910LCS	FDN10ASQ	1243
02	CE-VAPOR-1	831824	831824D	1817
03	CE-VAPOR-2	831825	831825D	1907
04	CE-VAPOR-3	831826	831826D	1958
05	CE-VAPOR-4	831827	831827D	2049
06				
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN01PV BFB Injection Date: 04/07/10

Instrument ID: F BFB Injection Time: 0919

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	87.9
175	4.0 - 9.0% of mass 174	6.1 (6.9)1
176	93.0 - 101.0% of mass 174	85.3 (97.1)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0.2	ASTD0.2	FDN002V	04/07/10	1104
02	ASTD0.5	ASTD0.5	FDN005V	04/07/10	1157
03	ASTD05	ASTD05	FDN05V	04/07/10	1251
04	ASTD010	ASTD010	FDN10V2	04/07/10	1437
05	ASTD015	ASTD015	FDN15V	04/07/10	1528
06	ASTD020	ASTD020	FDN20V	04/07/10	1619
07	ASTD040	ASTD040	FDN40V	04/07/10	1709
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID: FDN46PV BFB Injection Date: 06/09/10

Instrument ID: F BFB Injection Time: 0942

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.7
75	30.0 - 66.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	84.2
175	4.0 - 9.0% of mass 174	5.8 (6.9)1
176	93.0 - 101.0% of mass 174	80.8 (96.0)1
177	5.0 - 9.0% of mass 176	5.3 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	FDN1ASV2	06/09/10	1152
02	FA060910LCS	FA060910LCS	FDN10ASQ	06/09/10	1243
03	MBLK060910FA	MBLK060910FA	FDNB01AS	06/09/10	1334
04	CE-VAPOR-1	831824	831824D	06/09/10	1817
05	CE-VAPOR-2	831825	831825D	06/09/10	1907
06	CE-VAPOR-3	831826	831826D	06/09/10	1958
07	CE-VAPOR-4	831827	831827D	06/09/10	2049
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD	
Dichlorodifluoromethane		2.339	2.320	2.300	2.118			
1,2-Dichlorotetrafluoroethan	2.460	2.474	2.452	2.428	2.234			
Chloromethane		0.773	0.723	0.716	0.657			
Vinyl Chloride	0.909	0.922	0.951	0.935	0.882			
1,3-Butadiene	0.743	0.747	0.713	0.709	0.668			
Bromomethane	1.089	1.072	1.040	1.018	1.009			
Chloroethane		0.591	0.571	0.565	0.547			
Bromoethene	1.101	1.096	1.068	1.051	1.054			
Trichlorofluoromethane	2.922	2.948	2.890	2.869	2.766			
Freon TF	2.049	2.077	2.023	2.000	2.018			
1,1-Dichloroethene	1.013	0.973	0.968	0.950	0.957			
Acetone			1.786	1.844	1.638			
Isopropyl Alcohol			1.362	1.316	1.279			
Carbon disulfide		3.110	3.157	3.096	3.102			
3-Chloropropene	1.307	1.316	1.372	1.370	1.316			
Methylene chloride		1.375	1.221	1.195	1.150			
tert-Butyl Alcohol			2.012	1.964	1.944			
Methyl tert-Butyl Ether	3.231	3.152	3.174	3.157	3.146			
trans-1,2-Dichloroethene	1.734	1.709	1.724	1.698	1.661			
n-Hexane	1.885	1.828	1.827	1.773	1.750			
1,1-Dichloroethane *	2.092	2.068	2.074	2.055	2.008			*
Methyl Ethyl Ketone		0.564	0.567	0.558	0.560			
cis-1,2-Dichloroethene	1.189	1.161	1.161	1.137	1.149			
1,2-Dichloroethene,Total	1.461	1.435	1.442	1.418	1.405			
Chloroform	2.426	2.346	2.363	2.327	2.300			
Tetrahydrofuran			0.256	0.254	0.248			
1,1,1-Trichloroethane	0.506	0.484	0.498	0.491	0.496			
Cyclohexane	0.319	0.310	0.321	0.317	0.325			
Carbon tetrachloride	0.508	0.504	0.520	0.520	0.531			
2,2,4-Trimethylpentane	1.164	1.138	1.143	1.128	1.123			
Benzene	0.743	0.719	0.702	0.688	0.700			
1,2-Dichloroethane	0.328	0.333	0.337	0.329	0.325			
n-Heptane	0.449	0.443	0.427	0.421	0.411			
Trichloroethene	0.322	0.314	0.315	0.313	0.319			
1,2-Dichloropropane	0.264	0.270	0.267	0.263	0.265			
1,4-Dioxane			0.106	0.103	0.105			
Bromodichloromethane	0.510	0.493	0.527	0.529	0.532			

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=FDN002V RRF0.5=FDN005V
RRF5 =FDN05V RRF10 =FDN10V2 RRF15 =FDN15V

COMPOUND	RRF0.2	RRF0.5	RRF5	RRF10	RRF15	$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.405	0.398	0.416	0.419	0.424		
Methyl Isobutyl Ketone		0.505	0.540	0.539	0.530		
Toluene	0.562	0.536	0.532	0.532	0.561		
trans-1,3-Dichloropropene	0.402	0.414	0.442	0.446	0.447		
1,1,2-Trichloroethane	0.279	0.261	0.262	0.261	0.272		
Tetrachloroethene	0.466	0.451	0.447	0.450	0.486		
Methyl Butyl Ketone		0.496	0.531	0.538	0.543		
Dibromochloromethane	0.506	0.498	0.544	0.562	0.600		
1,2-Dibromoethane	0.495	0.478	0.490	0.496	0.522		
Chlorobenzene *	0.766	0.749	0.735	0.741	0.779		*
Ethylbenzene	1.234	1.192	1.176	1.182	1.220		
Xylene (m,p)	0.488	0.481	0.478	0.487	0.506		
Xylene (o)	0.456	0.463	0.468	0.479	0.499		
Xylenes, Total	0.456	0.463	0.468	0.479	0.499		
Styrene	0.716	0.691	0.732	0.752	0.792		
Bromoform	0.472	0.477	0.576	0.606	0.656		
1,1,2,2-Tetrachloroethane	0.705	0.700	0.706	0.712	0.729		
4-Ethyltoluene	1.415	1.362	1.380	1.405	1.460		
1,3,5-Trimethylbenzene	1.129	1.130	1.144	1.170	1.213		
2-Chlorotoluene	1.307	1.253	1.266	1.279	1.309		
1,2,4-Trimethylbenzene	1.170	1.113	1.157	1.178	1.224		
1,3-Dichlorobenzene	0.814	0.782	0.805	0.820	0.876		
1,4-Dichlorobenzene	0.803	0.767	0.802	0.821	0.877		
1,2-Dichlorobenzene	0.763	0.725	0.763	0.777	0.823		
1,2,4-Trichlorobenzene		0.573	0.641	0.649	0.720		
Hexachlorobutadiene	0.587	0.553	0.590	0.592	0.642		

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
Dichlorodifluoromethane	2.027	1.837				2.157	9.3
1,2-Dichlorotetrafluoroethan	2.127	1.890				2.295	9.7
Chloromethane	0.627	0.583				0.680	10.3
Vinyl Chloride	0.833	0.786				0.888	6.7
1,3-Butadiene	0.631	0.597				0.687	8.3
Bromomethane	0.986	0.931				1.021	5.2
Chloroethane	0.524	0.502				0.550	6.0
Bromoethene	1.035	0.990				1.056	3.6
Trichlorofluoromethane	2.694	2.556				2.806	5.1
Freon TF	2.001	1.926				2.013	2.3
1,1-Dichloroethene	0.961	0.924				0.964	2.8
Acetone	1.591	1.463				1.664	9.2
Isopropyl Alcohol	1.263	1.163				1.277	5.8
Carbon disulfide	3.050	2.901				3.069	2.9
3-Chloropropene	1.294	1.213				1.312	4.1
Methylene chloride	1.122	1.049				1.185	9.3
tert-Butyl Alcohol	1.929	1.816				1.933	3.7
Methyl tert-Butyl Ether	3.114	2.969				3.135	2.6
trans-1,2-Dichloroethene	1.632	1.528				1.669	4.3
n-Hexane	1.722	1.595				1.768	5.3
1,1-Dichloroethane *	1.971	1.840				2.015	4.4*
Methyl Ethyl Ketone	0.550	0.498				0.550	4.7
cis-1,2-Dichloroethene	1.140	1.080				1.145	2.9
1,2-Dichloroethene,Total	1.386	1.304				1.407	3.7
Chloroform	2.260	2.149				2.310	3.8
Tetrahydrofuran	0.243	0.230				0.246	4.3
1,1,1-Trichloroethane	0.492	0.480				0.492	1.8
Cyclohexane	0.324	0.313				0.318	1.7
Carbon tetrachloride	0.532	0.530				0.521	2.1
2,2,4-Trimethylpentane	1.108	1.036				1.120	3.6
Benzene	0.694	0.671				0.702	3.3
1,2-Dichloroethane	0.321	0.312				0.326	2.5
n-Heptane	0.403	0.373				0.418	6.1
Trichloroethene	0.318	0.311				0.316	1.2
1,2-Dichloropropane	0.261	0.251				0.263	2.4
1,4-Dioxane	0.104	0.099				0.103	2.6
Bromodichloromethane	0.528	0.516				0.519	2.7

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Calibration Time(s): 1104 1709

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF20 =FDN20V RRF40 =FDN40V

COMPOUND	RRF20	RRF40				$\overline{RRF}$	% RSD
cis-1,3-Dichloropropene	0.420	0.411				0.413	2.2
Methyl Isobutyl Ketone	0.518	0.484				0.519	4.2
Toluene	0.563	0.509				0.542	3.8
trans-1,3-Dichloropropene	0.449	0.436				0.434	4.2
1,1,2-Trichloroethane	0.277	0.265				0.268	2.9
Tetrachloroethene	0.505	0.506				0.473	5.4
Methyl Butyl Ketone	0.543	0.502				0.526	4.1
Dibromochloromethane	0.618	0.610				0.562	8.7
1,2-Dibromoethane	0.534	0.516				0.504	4.0
Chlorobenzene *	0.796	0.773				0.763	2.9*
Ethylbenzene	1.224	1.097				1.189	3.9
Xylene (m,p)	0.508	0.437				0.484	4.9
Xylene (o)	0.504	0.468				0.477	3.9
Xylenes, Total	0.504	0.468				0.477	3.9
Styrene	0.804	0.742				0.747	5.3
Bromoform	0.683	0.662				0.590	14.8
1,1,2,2-Tetrachloroethane	0.735	0.666				0.708	3.2
4-Ethyltoluene	1.484	1.355				1.409	3.5
1,3,5-Trimethylbenzene	1.234	1.121				1.163	3.8
2-Chlorotoluene	1.316	1.189				1.274	3.5
1,2,4-Trimethylbenzene	1.248	1.153				1.178	3.9
1,3-Dichlorobenzene	0.907	0.884				0.841	5.6
1,4-Dichlorobenzene	0.911	0.883				0.838	6.3
1,2-Dichlorobenzene	0.858	0.837				0.792	6.0
1,2,4-Trichlorobenzene	0.777	0.755				0.686	11.4
Hexachlorobutadiene	0.693	0.663				0.617	8.1

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.157	2.588	0.01	20.0	30.0
1,2-Dichlorotetrafluoroethan	2.295	2.543	0.01	10.8	30.0
Chloromethane	0.680	0.603	0.01	11.3	30.0
Vinyl Chloride	0.888	0.828	0.01	6.8	30.0
1,3-Butadiene	0.687	0.616	0.01	10.3	30.0
Bromomethane	1.021	1.108	0.01	8.5	30.0
Chloroethane	0.550	0.523	0.01	4.9	30.0
Bromoethene	1.056	1.121	0.01	6.2	30.0
Trichlorofluoromethane	2.806	3.370	0.01	20.1	30.0
Freon TF	2.013	2.165	0.01	7.6	30.0
1,1-Dichloroethene	0.964	0.998	0.01	3.5	30.0
Acetone	1.664	1.717	0.01	3.2	30.0
Isopropyl Alcohol	1.277	1.198	0.01	6.2	30.0
Carbon disulfide	3.069	3.177	0.01	3.5	30.0
3-Chloropropene	1.312	1.193	0.01	9.1	30.0
Methylene chloride	1.185	1.092	0.01	7.8	30.0
tert-Butyl Alcohol	1.933	1.962	0.01	1.5	30.0
Methyl tert-Butyl Ether	3.135	3.240	0.01	3.3	30.0
trans-1,2-Dichloroethene	1.669	1.658	0.01	0.6	30.0
n-Hexane	1.768	1.619	0.01	8.4	30.0
1,1-Dichloroethane	2.015	1.990	0.1	1.2	30.0
Methyl Ethyl Ketone	0.550	0.533	0.01	3.1	30.0
cis-1,2-Dichloroethene	1.145	1.142	0.01	0.3	30.0
1,2-Dichloroethene,Total	1.407	1.400	0.01	0.5	30.0
Chloroform	2.310	2.504	0.01	8.4	30.0
Tetrahydrofuran	0.246	0.217	0.01	11.8	30.0
1,1,1-Trichloroethane	0.492	0.569	0.01	15.6	30.0
Cyclohexane	0.318	0.307	0.01	3.4	30.0
Carbon tetrachloride	0.521	0.607	0.01	16.5	30.0
2,2,4-Trimethylpentane	1.120	1.035	0.01	7.6	30.0
Benzene	0.702	0.683	0.01	2.7	30.0
1,2-Dichloroethane	0.326	0.342	0.01	4.9	30.0
n-Heptane	0.418	0.363	0.01	13.2	30.0
Trichloroethene	0.316	0.329	0.01	4.1	30.0
1,2-Dichloropropane	0.263	0.248	0.01	5.7	30.0
1,4-Dioxane	0.103	0.101	0.01	1.9	30.0
Bromodichloromethane	0.519	0.574	0.01	10.6	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Instrument ID: F Calibration Date: 06/09/10 Time: 1152

Lab File ID: FDN1ASV2 Init. Calib. Date(s): 04/07/10 04/07/10

Heated Purge: (Y/N) N Init. Calib. Times: 1104 1709

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
cis-1,3-Dichloropropene	0.413	0.412	0.01	0.2	30.0
Methyl Isobutyl Ketone	0.519	0.476	0.01	8.3	30.0
Toluene	0.542	0.531	0.01	2.0	30.0
trans-1,3-Dichloropropene	0.434	0.451	0.01	3.9	30.0
1,1,2-Trichloroethane	0.268	0.266	0.01	0.7	30.0
Tetrachloroethene	0.473	0.474	0.01	0.2	30.0
Methyl Butyl Ketone	0.526	0.478	0.01	9.1	30.0
Dibromochloromethane	0.562	0.614	0.01	9.2	30.0
1,2-Dibromoethane	0.504	0.527	0.01	4.6	30.0
Chlorobenzene	0.763	0.741	0.3	2.9	30.0
Ethylbenzene	1.189	1.225	0.01	3.0	30.0
Xylene (m,p)	0.484	0.480	0.01	0.8	30.0
Xylene (o)	0.477	0.473	0.01	0.8	30.0
Xylenes, Total	0.477	0.473	0.01	0.8	30.0
Styrene	0.747	0.734	0.01	1.7	30.0
Bromoform	0.590	0.679	0.01	15.1	30.0
1,1,2,2-Tetrachloroethane	0.708	0.730	0.01	3.1	30.0
4-Ethyltoluene	1.409	1.472	0.01	4.5	30.0
1,3,5-Trimethylbenzene	1.163	1.233	0.01	6.0	30.0
2-Chlorotoluene	1.274	1.371	0.01	7.6	30.0
1,2,4-Trimethylbenzene	1.178	1.245	0.01	5.7	30.0
1,3-Dichlorobenzene	0.841	0.883	0.01	5.0	30.0
1,4-Dichlorobenzene	0.838	0.888	0.01	6.0	30.0
1,2-Dichlorobenzene	0.792	0.852	0.01	7.6	30.0
1,2,4-Trichlorobenzene	0.686	0.713	0.01	3.9	30.0
Hexachlorobutadiene	0.617	0.705	0.01	14.3	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY137572

Lab File ID (Standard): FDN1ASV2 Date Analyzed: 06/09/10

Instrument ID: F Time Analyzed: 1152

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	385677	9.59	1880491	10.98	1827895	15.09
	UPPER LIMIT	539948	9.92	2632687	11.31	2559053	15.42
	LOWER LIMIT	231406	9.26	1128295	10.65	1096737	14.76
	CLIENT SAMPLE NO.						
01	FA060910LCS	443752	9.60	2139957	10.99	2055673	15.09
02	MBLK060910FA	460219	9.59	2251786	10.98	2065870	15.09
03	CE-VAPOR-1	363919	9.59	1804176	10.98	1740937	15.09
04	CE-VAPOR-2	441695	9.59	2146033	10.98	2040032	15.09
05	CE-VAPOR-3	472881	9.59	2258252	10.98	2107067	15.09
06	CE-VAPOR-4	471363	9.59	2265109	10.98	2133409	15.09
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
AREA LOWER LIMIT = - 40% of internal standard area
RT UPPER LIMIT = + 0.33 minutes of internal standard RT
RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

AKRF, Inc.
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212-696-0670

Submitted to:

NYSDEC Division of Environmental Remediation
47-20 21st Street
Long Island City, NY 11101

QUARTERLY VAPOR MONITORING REPORT

Flushing Industrial Park

Parcel 2

Project Number: 30141

OCTOBER 2010

Flushing Industrial Park

Parcel 2

FLUSHING, NEW YORK

Quarterly Vapor Monitoring Report

August 2010 Sampling Event

AKRF Project Number: 30141

Prepared for:

NYSDEC – Region 2
Division of Environmental Remediation
47-20 21st Street
Long Island City, New York 11101

Prepared by:

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TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE 1
3.0 VAPOR MONITORING ACTIVITIES 2
3.1 SSDS Inspection 2
3.2 Vapor Sampling Methodology 2
4.0 FINDINGS AND CONCLUSIONS 3
4.1 Vapor Analytical Results 3
4.2 Continuation of Vapor Monitoring 3

TABLES

Table 1 Post-Remediation Vapor Sample Laboratory Analytical Results – VOCs

FIGURES

Figure 1 Site Location Map
Figure 2 Vapor Monitoring Sample Locations

APPENDICES

Appendix A Periodic Inspection Log
Appendix B Laboratory Analytical Results (CD)

1.0 INTRODUCTION

This Quarterly Vapor Monitoring Report has been prepared by AKRF, Inc. (AKRF) to summarize the sub-slab depressurization system (SSDS) vapor discharge monitoring performed at the Flushing Industrial Park (Western), Parcel 2 (BCP Site No. C241078) during the third quarter of 2010. This Parcel, in combination with Flushing Industrial Park (Eastern), Parcel 1 (BCP Site No. C241051), Flushing Industrial Park (Western Waterfront), Parcel 3 (BCP Site No. C241079), and Flushing Industrial Park (Flushing River), Parcel 4 (former BCP Site No. C241080), comprise approximately 13.6 acres located on the northwestern corner of College Point Boulevard and 40th Road, in Flushing, Queens, New York (collectively, the Property). The Property location is shown on Figure 1.

In 2001, C.E. Flushing, LLC (the initial Volunteer) entered into a Voluntary Cleanup Agreement with the New York State Department of Environmental Conservation (NYSDEC) with regard to the Property. By letter dated April 2, 2004, the Volunteer requested transition from the Voluntary Cleanup Program to the Brownfield Cleanup Program (BCP) for completion of the remedial program for the Property. In December 2004, the Volunteer entered into separate Brownfield Cleanup Agreements (BCAs) with NYSDEC for each of four Parcels – each one generally matching the former operable unit (OU). Amended BCAs to revise the Volunteers were executed in June 2005, December 2006, April 2007 and November 2007. In December 2007, Final Engineering Reports and Site Management Plans (SMPs) were submitted and NYSDEC granted Certificates of Completion for Parcels 1, 2 and 3. Under the SMPs, post-remediation vapor monitoring is to be performed on a quarterly basis after the start up of the SSDS.

2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE

Site remediation of Parcel 2 included the installation of a vapor mitigation system, comprised of an SSDS and a vapor barrier, under the western retail building of the property development. The vapor mitigation system design and installation oversight were conducted by Langan Engineering and Environmental Services, Inc. (Langan) of Elmwood Park, New Jersey. The SSDS construction was completed between October 30 and November 21, 2007, as documented in Langan's Engineering Controls (EC) Completion Report, dated November 28, 2007. The SSDS consists of eight parallel runs of six-inch diameter solid and perforated Schedule 80 PVC pipe installed within a continuous gravel layer beneath the vapor barrier and site cover. The piping connects together at two manifold locations to the north and south of the Parcel 2 western retail building footprint. The two manifolds each consist of four pipe risers (exhaust stacks) with independent inline vacuum fans and sixteen (16) pipe cleanouts, designated SP-1 through SP-16 at the perimeter of the building. The system consists of eight (8) exhaust stacks with sixteen (16) in-line fans (2 fans per exhaust stack, though initially only one per stack was installed), with sampling ports in the riser pipes beneath in each respective fan. See Figure 2 for the piping layout and the vapor sampling locations in the pipe risers (designated CE-VAPOR-1 to CE-VAPOR-8).

The vapor barrier is comprised of 60-millimeter thick linear low-density polyethylene geomembrane. The vapor barrier seams and perforations were sealed with double sided tape per manufacture specifications.

During the construction phase of the western retail building on Parcel 2, the active operation of the SSDS was temporarily suspended. Langan conducted confirmation (pilot) testing of the SSDS while in active operation on January 20, 2010 and concluded that the SSDS was operating effectively. As outlined in Langan's Soil Vapor Mitigation System Activation Status Memorandum dated January 22, 2010, which was submitted to NYSDEC as an attachment to the May 2010 *Quarterly Vapor Monitoring Report*, the

vapor mitigation measures have been modified since the submittal of the EC Completion Report and certification. These modifications included:

- The extension of the exhaust stacks to 6-stories above ground level;
- The addition of the second in-line fan to each stack on the 4th floor near the top of each stack;
- The reinstallation of the vapor barrier in the northern half of the western retail building footprint;
- The installation of a waterproofing course of Liquid Boot (a secondary vapor barrier) to the underside of the western retail building slab; and
- Modifications to the number and locations of clean-outs and sampling ports (SP).

To our knowledge, no additional modifications have been made to the SSDS since the January 20, 2010 activation.

3.0 VAPOR MONITORING ACTIVITIES

3.1 SSDS Inspection

The SSDS has been inspected regularly since the system was restarted on January 20, 2010. Inspections were conducted on a weekly basis during the first month and quarterly thereafter (as part of the quarterly vapor discharge sampling). These inspections consisted of measuring flow rates and vacuum readings to confirm that all of the fans are operational. The inspection performed on August 10, 2010 immediately prior to the quarterly sampling event indicated that all fans were operational and vacuum measurements at all the vapor sampling locations (both 1st floor and 4th floor locations) were within acceptable range. The inspection log is provided in Appendix A.

During the inspection, several of the cleanout ports (SP-2, 3, 4, 7, 13, and 16) were not present, apparently buried beneath pavement. The remaining cleanout ports (SP-1, 5, 6, 8, 9, 10, 11, 12, 14, and 15) were inspected for cap integrity, but not tested for vacuum pressures or vapor concentrations. All cleanout ports present and accessible for inspection had adequate seals via PVC cap, rubber gasket cap, or an adhesive plastic cap. The vacuum at these cleanouts are considered ancillary to those in the risers and these measurements are not necessary to evaluate system performance. The field screening readings would not be representative of sub-slab conditions, as the pipes are under vacuum during system operation.

3.2 Vapor Sampling Methodology

Vapor samples were collected for laboratory analysis below each of the upper (4th floor) fans on August 10, 2010 to confirm that emissions met the thresholds in the NYSDEC Division of Air Resources (DAR) publication "*Air Guide-1: Annual Guideline Concentrations (AGC)/Short-term Guideline Concentrations (SGC) Tables*", dated September 10, 2007. The vapor samples were collected directly from the sampling ports below the 4th floor SSDS fans. During sampling, the 1st floor fans were running but the 4th floor fans were turned off so there was no vacuum on the sampling port. Eight samples (designated CE-VAPOR-1 to CE-VAPOR-8) were collected with 6-liter Summa canisters equipped with flow regulators and vacuum gauges to allow sample collection over a 30-minute period. Vapors were also field screened by collecting samples in Tedlar® bags and using a photo-ionization detector (PID) to detect volatile organic compounds (VOCs) and a landfill gas meter to detect methane.

One ambient air sample (CE-AA) was collected on the central portion of the roof to determine background levels. Summa canisters were placed in a secure shipping container for pickup by the laboratory. Vapor samples were analyzed for VOCs using EPA Method TO-15 at TestAmerica, Inc. of South Burlington, Vermont, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Procedure (ELAP) certified laboratory.

Vapor sampling activities and other observations (e.g., field screening results, sampling personnel, and sample port integrity) were documented on the Periodic Inspection Logs presented in Appendix A.

4.0 FINDINGS AND CONCLUSIONS

4.1 Vapor Analytical Results

Field screening results at sampling ports at both the 1st floor and 4th floor locations indicated that vacuum pressures and field-screened vapor concentrations were within acceptable ranges. Low methane concentrations—a maximum of 0.1% methane, which is 2% of the lower explosive limit (LEL)—were detected in three of the lines in the 4th floor sampling ports. Consistent PID readings were noted in the sampling ports on the 1st and 4th floors of 2 to 5 parts per million (ppm); however, these levels were also detected in background air and around the ambient air sample. No PID readings were elevated above background air concentrations, which can be attributed to instrument variations due to humid conditions.

The laboratory analytical results for the samples collected below each of the 4th floor fans are summarized in Table 1, and the laboratory analytical reports are provided in Appendix B. The laboratory analytical reports include the chain of custody documentation, laboratory certification and laboratory quality assurance data. Vapor analytical results were compared to the corresponding NYSDEC DAR-1 SGCs. Analytical results for the eight soil vapor samples and the ambient air sample indicated the detection of twenty five compounds; however, none exceeded the SGCs and most were found at levels of only tens of micrograms per cubic meter at most. Detected compounds were 1,2,4-Trimethylbenzene, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 2,2,4-Trimethylpentane, 4-Ethyltoluene, Acetone, Benzene, Carbon Disulfide, Chloromethane, Cyclohexane, Ethylbenzene, 2-Hexanone, 2-Butanone, Methyl isobutyl ketone, n-Heptane, n-Hexane, Styrene, Tetrachloroethane, Tetrahydrofuran, Toluene, Trichlorofluoromethane, as well as Xylenes. Several of these compounds are potentially related to gasoline; however, they can also be attributed to construction chemicals such as primer, paints, and glues and many were also detected in the ambient air sample. The analytical results indicated that effluent treatment is not warranted as part of the vapor mitigation system.

In addition, the concentrations were well below the sub-slab vapor concentrations warranting mitigation based on the decision matrices for select target compounds identified in the NYSDOH October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. The potential for vapor intrusion from the low level concentrations of methane and VOCs in the sub-slab vapors is also mitigated by presence of two vapor barrier layers beneath the building.

4.2 Continuation of Vapor Monitoring

Vapor monitoring activities will continue on a quarterly basis (unless permission to discontinue is granted in writing by NYSDEC and NYSDOH) to determine whether emissions continue to meet the SGCs, and to evaluate system performance with the fans operating. In order to determine

whether the system can be converted to passive venting (i.e., without operating the in-line fans), a separate sampling protocol will be established for approval by NYSDEC and NYSDOH.

TABLES

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-1			CE-VAPOR-2		
Lab Sample ID	DAR-1 SGC	820120	831824	200-1086-2	820121	831825	200-1086-3
Date Sampled		2/8/2010	6/1/2010	8/10/2010	2/8/2010	6/1/2010	8/10/2010
Dilution		3.33	10	5	10	10	5
VOCs (µg/m³)	µg/m³						
1,1,1-Trichloroethane **	68,000	3.7 U	11 U	1 U	11 U	11 U	1 U
1,1,2,2-Tetrachloroethane	NS	4.6 U	14 U	1 U	14 U	14 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	5.1 U	15 U	1 U	15 U	15 U	1 U
1,1,2-Trichloroethane	NS	3.7 U	11 U	1 U	11 U	11 U	1 U
1,1-Dichloroethane	NS	2.7 U	8.1 U	1 U	8.1 U	8.1 U	1 U
1,1-Dichloroethene	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2,4-Trichlorobenzene	3,700	13 U	37 U	2.5 U	37 U	37 U	2.5 U
1,2,4-Trimethylbenzene	NS	15	9.8 U	1 U	9.8 U	9.8 U	1.2
1,2-Dibromoethane	NS	5.1 U	15 U	1 U	15 U	15 U	1 U
1,2-Dichlorobenzene	30,000	4 U	12 U	1 U	12 U	12 U	1 U
1,2-Dichloroethane	NS	2.7 U	8.1 U	1 U	8.1 U	8.1 U	1 U
1,2-Dichloroethene (cis)	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2-Dichloroethene (trans)	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2-Dichloroethene,Total	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2-Dichloropropane	NS	3.1 U	9.2 U	1 U	9.2 U	9.2 U	1 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	4.7 U	14 U	1 U	14 U	14 U	1 U
1,3,5-Trimethylbenzene	NS	24	18	2.1	29	14	2.7
1,3-Butadiene	NS	3.8 U	11 U	1 U	11 U	11 U	1 U
1,3-Dichlorobenzene	30,000	20	12 U	1 U	23	12 U	1 U
1,3-Dichloropropene (cis)	NS	3 U	9.1 U	1 U	9.1 U	9.1 U	1 U
1,3-Dichloropropene (trans)	NS	3 U	9.1 U	1 U	9.1 U	9.1 U	1 U
1,4-Dichlorobenzene	NS	4 U	12 U	1 U	12 U	12 U	1 U
1,4-Dioxane	3,000	61 U	180 U	25 U	180 U	180 U	25 U
2,2,4-Trimethylpentane	NS	3.1 U	9.3 U	1 U	40	21	1.6
2-Chlorotoluene (o-Chlorotoluene)	NS	3.5 U	10 U	1 U	10 U	10 U	1 U
3-Chloropropene (allyl chloride)	600	5.3 U	16 U	2.5 U	16 U	16 U	2.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	9.8	9.8 U	1 U	9.8 U	9.8 U	1.2
Acetone	180000	40 U	120 U	25 U	120 U	120 U	34
Benzene	1300	2.6	6.4 U	1 U	6.4 U	6.4 U	1
Bromodichloromethane	NS	4.5 U	13 U	1 U	13 U	13 U	1 U
Bromoform	NS	6.9 U	21 U	1 U	21 U	21 U	1 U
Bromomethane (Methyl bromide)	3,900	2.6 U	7.8 U	1 U	7.8 U	7.8 U	1 U
Carbon disulfide	6,200	5.3 U	16 U	2.5 U	16 U	16 U	2.5 U
Carbon tetrachloride	1,900	4.2 U	13 U	1 U	13 U	13 U	1 U
Chlorobenzene	NS	3.1 U	9.2 U	1 U	9.2 U	9.2 U	1 U
Chloroethane (ethyl chloride)	NS	4.5 U	13 U	2.5 U	20	13 U	2.5 U
Chloroform	150	3.3 U	9.8 U	1 U	9.8 U	9.8 U	1 U
Chloromethane (Methyl chloride)	22,000	3.5 U	10 U	2.5 U	10 U	10 U	2.5 U
Cyclohexane	NS	4.5	6.9 U	1 U	6.9	6.9 U	1 U
Dibromochloromethane	NS	5.7 U	17 U	1 U	17 U	17 U	1 U
Dichlorodifluoromethane	NS	8.4 U	25 U	2.5 U	25 U	25 U	2.5 U
Ethylbenzene	54,000	16	8.7 U	1 U	14	8.7 U	1 U
Hexachlorobutadiene	NS	7.1 U	21 U	1 U	21 U	21 U	1 U
Isopropanol	98,000	160	120 U	25 U	140	120 U	25 U
Methyl Butyl Ketone (2-Hexanone)	4,000	7 U	20 U	2.7	20 U	20 U	9.8
Methyl ethyl ketone (2-Butanone)	13,000	5 U	15 U	2.5 U	15 U	15 U	7
Methyl isobutyl ketone	31,000	7 U	20 U	2.5 U	20 U	20 U	2.5 U
Methylene Chloride	14,000	6.6	17 U	2.5 U	17 U	17 U	2.5 U
MTBE (Methyl tert-butyl ether)	NS	6.1 U	18 U	1 U	18 U	18 U	1 U
n-Heptane	210,000	27	8.2	1 U	30	21	4.3
n-Hexane	NS	6 U	18 U	1 U	18 U	18 U	1 U
Styrene	17,000	3.3	8.5 U	1 U	8.5 U	8.5 U	1 U
Tertiary butyl alcohol (TBA)	NS	52 U	150 U	25 U	150 U	150 U	25 U
Tetrachloroethene (PCE)	1,000	4.5 U	14 U	1 U	14 U	14 U	1
Tetrahydrofuran	30,000	50 U	150 U	25 U	150 U	150 U	25 U
Toluene **	37,000	16	7.5 U	1 U	9	7.5 U	1 U
Trichloroethene (TCE)	14,000	3.6 U	11 U	1 U	11 U	11 U	1 U
Trichlorofluoromethane (Freon 11)	68,000	3.8 U	11 U	1 U	11 U	11 U	1 U
Vinyl bromide	NS	2.9 U	8.7 U	1 U	8.7 U	8.7 U	1 U
Vinyl Chloride	180,000	1.7 U	5.1 U	1 U	5.1 U	5.1 U	1 U
Xylene (m&p)	4,300	52	14	3.5	23	9.1	2
Xylene (m,p)	4,300	30	17 U	2.5 U	17 U	17 U	2.5 U
Xylene (o)	4,300	23	14	1.9	23	9.1	1 U

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-3			CE-VAPOR-4		
Lab Sample ID	DAR-1 SGC	820122	831826	200-1086-4	820123	831827	200-1086-5
Date Sampled		2/8/2010	6/1/2010	8/10/2010	2/8/2010	6/1/2010	8/10/2010
Dilution		3.33	10	5	9.97	10	5
VOCs (µg/m³)	µg/m³						
1,1,1-Trichloroethane **	68,000	3.7 U	11 U	1 U	11 U	11 U	1 U
1,1,2,2-Tetrachloroethane	NS	4.6 U	14 U	1 U	14 U	14 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	5.1 U	15 U	1 U	15 U	15 U	1 U
1,1,2-Trichloroethane	NS	3.7 U	11 U	1 U	11 U	11 U	1 U
1,1-Dichloroethane	NS	2.7 U	8.1 U	1 U	8.1 U	8.1 U	1 U
1,1-Dichloroethene	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2,4-Trichlorobenzene	3,700	13 U	37 U	2.5 U	37 U	37 U	2.5 U
1,2,4-Trimethylbenzene	NS	10	9.8 U	1	9.8 U	9.8 U	1 U
1,2-Dibromoethane	NS	5.1 U	15 U	1 U	15 U	15 U	1 U
1,2-Dichlorobenzene	30,000	4 U	12 U	1 U	12 U	12 U	1 U
1,2-Dichloroethane	NS	2.7 U	8.1 U	1 U	8.1 U	8.1 U	1 U
1,2-Dichloroethene (cis)	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2-Dichloroethene (trans)	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2-Dichloroethene,Total	NS	2.7 U	7.9 U	1 U	7.9 U	7.9 U	1 U
1,2-Dichloropropane	NS	3.1 U	9.2 U	1 U	9.2 U	9.2 U	1 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	4.7 U	14 U	1 U	14 U	14 U	1 U
1,3,5-Trimethylbenzene	NS	6.4	17	7.2	9.8 U	35	4.3
1,3-Butadiene	NS	3.8 U	11 U	1 U	11 U	11 U	1 U
1,3-Dichlorobenzene	30,000	34	12 U	1 U	34	12 U	1 U
1,3-Dichloropropene (cis)	NS	3 U	9.1 U	1 U	9.1 U	9.1 U	1 U
1,3-Dichloropropene (trans)	NS	3 U	9.1 U	1 U	9.1 U	9.1 U	1 U
1,4-Dichlorobenzene	NS	4 U	12 U	1 U	12 U	12 U	1 U
1,4-Dioxane	3,000	61 U	180 U	25 U	180 U	180 U	25 U
2,2,4-Trimethylpentane	NS	3.1 U	9.3 U	1 U	9.3 U	9.3 U	1 U
2-Chlorotoluene (o-Chlorotoluene)	NS	3.5 U	10 U	1 U	10 U	10 U	1 U
3-Chloropropene (allyl chloride)	600	5.3 U	16 U	2.5 U	16 U	16 U	2.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	3.6	9.8 U	1 U	9.8 U	9.8 U	1 U
Acetone	180000	140	120 U	25 U	120 U	120 U	25 U
Benzene	1300	2.1 U	6.4 U	1 U	6.4 U	6.4 U	1.2
Bromodichloromethane	NS	4.5 U	13 U	1 U	13 U	13 U	1 U
Bromoform	NS	6.9 U	21 U	1 U	21 U	21 U	1 U
Bromomethane (Methyl bromide)	3,900	2.6 U	7.8 U	1 U	7.8 U	7.8 U	1 U
Carbon disulfide	6,200	5.3 U	16 U	2.5 U	16 U	16 U	2.5 U
Carbon tetrachloride	1,900	4.2 U	13 U	1 U	13 U	13 U	1 U
Chlorobenzene	NS	3.1 U	9.2 U	1 U	9.2 U	9.2 U	1 U
Chloroethane (ethyl chloride)	NS	4.5 U	13 U	2.5 U	13 U	13 U	2.5 U
Chloroform	150	3.3 U	9.8 U	1 U	9.8 U	9.8 U	1 U
Chloromethane (Methyl chloride)	22,000	3.5 U	10 U	2.5 U	10 U	10 U	2.5 U
Cyclohexane	NS	2.3 U	6.9 U	1.3	6.9 U	6.9 U	1.1
Dibromochloromethane	NS	5.7 U	17 U	1 U	17 U	17 U	1 U
Dichlorodifluoromethane	NS	8.4 U	25 U	2.5 U	25 U	25 U	2.5 U
Ethylbenzene	54,000	8.3	13	4.7	8.7 U	29	2.6
Hexachlorobutadiene	NS	7.1 U	21 U	1 U	21 U	21 U	1 U
Isopropanol	98,000	210	120 U	25 U	690	120 U	25 U
Methyl Butyl Ketone (2-Hexanone)	4,000	7 U	20 U	10	20 U	20 U	8.9
Methyl ethyl ketone (2-Butanone)	13,000	100	15 U	2.5 U	15 U	15 U	2.5 U
Methyl isobutyl ketone	31,000	7 U	20 U	2.5 U	20 U	20 U	2.5 U
Methylene Chloride	14,000	5.9 U	17 U	2.5 U	19	17 U	2.5 U
MTBE (Methyl tert-butyl ether)	NS	6.1 U	18 U	1 U	18 U	18 U	1 U
n-Heptane	210,000	3.6	8.2 U	5	8.6	15	2.8
n-Hexane	NS	6 U	18 U	1 U	18 U	18 U	1 U
Styrene	17,000	3.2	8.5 U	1 U	8.5 U	8.5 U	1 U
Tertiary butyl alcohol (TBA)	NS	52 U	150 U	25 U	150 U	150 U	25 U
Tetrachloroethene (PCE)	1,000	4.5	14 U	1 U	14 U	14 U	1 U
Tetrahydrofuran	30,000	62	150 U	25 U	150 U	150 U	25 U
Toluene **	37,000	14	7.5 U	1 U	26	7.5 U	1 U
Trichloroethene (TCE)	14,000	3.6 U	11 U	1 U	11 U	11 U	1 U
Trichlorofluoromethane (Freon 11)	68,000	3.8 U	11 U	1 U	11 U	11 U	1 U
Vinyl bromide	NS	2.9 U	8.7 U	1 U	8.7 U	8.7 U	1 U
Vinyl Chloride	180,000	1.7 U	5.1 U	1 U	5.1 U	5.1 U	1 U
Xylene (m&p)	4,300	38	27	13	36	96	9.4
Xylene (m,p)	4,300	24	17 U	2.6	24	30	2.5 U
Xylene (o)	4,300	13	27	11	11	65	7.3

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-5			CE-VAPOR-6		
Lab Sample ID	DAR-1 SGC	820125	831356	200-1085-6	820126	831357	200-1086-7
Date Sampled		2/8/2010	5/24/2010	8/10/2010	2/8/2010	5/24/2010	8/10/2010
Dilution		2.27	10	1	1	10	15.3
VOCs (µg/m³)	µg/m³						
1,1,1-Trichloroethane **	68,000	2.5 U	11 U	0.2 U	1.1 U	11 U	3.1 U
1,1,2,2-Tetrachloroethane	NS	3.1 U	14 U	0.2 U	1.4 U	14 U	3.1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	3.4 U	15 U	0.2 U	1.5 U	15 U	3.1 U
1,1,2-Trichloroethane	NS	2.5 U	11 U	0.2 U	1.1 U	11 U	3.1 U
1,1-Dichloroethane	NS	1.8 U	8.1 U	0.2 U	0.81 U	8.1 U	3.1 U
1,1-Dichloroethene	NS	1.8 U	7.9 U	0.2 U	0.79 U	7.9 U	3.1 U
1,2,4-Trichlorobenzene	3,700	8.2 U	37 U	0.5 U	3.7 U	37 U	7.6 U
1,2,4-Trimethylbenzene	NS	5.4	9.8 U	0.84	1.6	9.8 U	3.1 U
1,2-Dibromoethane	NS	3.5 U	15 U	0.2 U	1.5 U	15 U	3.1 U
1,2-Dichlorobenzene	30,000	2.7 U	12 U	0.2 U	1.2 U	12 U	3.1 U
1,2-Dichloroethane	NS	1.8 U	8.1 U	0.33	0.81 U	10	3.1 U
1,2-Dichloroethene (cis)	NS	1.8 U	7.9 U	0.2 U	0.79 U	7.9 U	3.1 U
1,2-Dichloroethene (trans)	NS	1.8 U	7.9 U	0.2 U	0.79 U	7.9 U	3.1 U
1,2-Dichloroethene,Total	NS	1.8 U	7.9 U	0.2 U	0.79 U	7.9 U	3.1 U
1,2-Dichloropropane	NS	2.1 U	9.2 U	0.2 U	0.92 U	9.2 U	3.1 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	3.1 U	14 U	0.2 U	1.4 U	14 U	3.1 U
1,3,5-Trimethylbenzene	NS	2.2 U	9.8 U	0.23	0.98 U	9.8 U	3.1 U
1,3-Butadiene	NS	2.4 U	11 U	0.2 U	1.1 U	11 U	3.1 U
1,3-Dichlorobenzene	30,000	22	12 U	0.2 U	2	12 U	3.1 U
1,3-Dichloropropene (cis)	NS	2 U	9.1 U	0.2 U	0.91 U	9.1 U	3.1 U
1,3-Dichloropropene (trans)	NS	2 U	9.1 U	0.2 U	0.91 U	9.1 U	3.1 U
1,4-Dichlorobenzene	NS	2.7 U	12 U	2.2	1.2 U	12 U	3.1 U
1,4-Dioxane	3,000	40 U	180 U	5 U	18 U	180 U	76 U
2,2,4-Trimethylpentane	NS	2.1 U	9.3 U	0.9	1.1	9.3 U	3.1 U
2-Chlorotoluene (o-Chlorotoluene)	NS	2.3 U	10 U	0.2 U	1 U	10 U	3.1 U
3-Chloropropene (allyl chloride)	600	3.4 U	16 U	0.5 U	1.6 U	16 U	7.6 U
4-Ethyltoluene (p-Ethyltoluene)	NS	2.2 U	9.8 U	0.2	0.98 U	9.8 U	3.1 U
Acetone	180000	71	120 U	10	62	120 U	76 U
Benzene	1300	3.1	6.4 U	1.3	1.4	6.4 U	3.1 U
Bromodichloromethane	NS	3 U	13 U	0.2 U	1.3 U	13 U	3.1 U
Bromoform	NS	4.7 U	21 U	0.2 U	2.1 U	21 U	3.1 U
Bromomethane (Methyl bromide)	3,900	1.7 U	7.8 U	0.2 U	0.78 U	7.8 U	3.1 U
Carbon disulfide	6,200	3.7	16 U	3	1.6 U	16 U	15
Carbon tetrachloride	1,900	2.8 U	13 U	0.2 U	1.3 U	13 U	3.1 U
Chlorobenzene	NS	2.1 U	9.2 U	0.2 U	0.92 U	9.2 U	3.1 U
Chloroethane (ethyl chloride)	NS	2.9 U	13 U	0.5 U	1.3 U	13 U	7.6 U
Chloroform	150	2.4	9.8 U	0.2 U	0.98 U	9.8 U	3.1 U
Chloromethane (Methyl chloride)	22,000	2.3 U	10 U	0.83	1.1	10 U	7.6 U
Cyclohexane	NS	1.5 U	6.9 U	0.89	0.93	6.9 U	3.1 U
Dibromochloromethane	NS	3.8 U	17 U	0.2 U	1.7 U	17 U	3.1 U
Dichlorodifluoromethane	NS	5.4 U	25 U	0.5 U	2.5	25 U	7.6 U
Ethylbenzene	54,000	4.3	8.7 U	1.8	2.3	8.7 U	3.1 U
Hexachlorobutadiene	NS	4.8 U	21 U	0.2 U	2.1 U	21 U	3.1 U
Isopropanol	98,000	150	120 U	5 U	24	120 U	76 U
Methyl Butyl Ketone (2-Hexanone)	4,000	4.5 U	20 U	0.5 U	2 U	20 U	7.6 U
Methyl ethyl ketone (2-Butanone)	13,000	8.6	32	4.1	1.5 U	68	180
Methyl isobutyl ketone	31,000	4.5 U	20 U	3.6	2 U	20 U	41
Methylene Chloride	14,000	3.8 U	17 U	0.5 U	1.7 U	17 U	7.6 U
MTBE (Methyl tert-butyl ether)	NS	4 U	18 U	0.2 U	1.8 U	18 U	3.1 U
n-Heptane	210,000	2.3	8.2 U	0.4	1.4	8.2 U	3.1 U
n-Hexane	NS	11	18 U	0.72	9.9	18 U	3.1 U
Styrene	17,000	60	12	1.4	1.3	13	4.1
Tertiary butyl alcohol (TBA)	NS	33 U	150 U	5 U	15 U	150 U	76 U
Tetrachloroethene (PCE)	1,000	3.1 U	14 U	0.2 U	1.4 U	14 U	3.1 U
Tetrahydrofuran	30,000	32 U	150 U	7.5	15 U	150	420
Toluene **	37,000	57	20	3.1	68	31	4.8
Trichloroethene (TCE)	14,000	2.4 U	11 U	0.2 U	1.1 U	11 U	3.1 U
Trichlorofluoromethane (Freon 11)	68,000	2.5 U	11 U	0.22	1.2	11 U	3.1 U
Vinyl bromide	NS	2 U	8.7 U	0.2 U	0.87 U	8.7 U	3.1 U
Vinyl Chloride	180,000	1.2 U	5.1 U	0.2 U	0.51 U	5.1 U	3.1 U
Xylene (m&p)	4,300	20	8.7 U	6.2	9.6	8.7 U	5.9
Xylene (m,p)	4,300	15	17 U	4.9	7.4	17 U	7.6 U
Xylene (o)	4,300	5.2	8.7 U	1.3	2	8.7 U	3.1 U

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-7			CE-VAPOR-8		
Lab Sample ID	DAR-1 SGC	820127	831358	200-1086-8	820128	831359	200-1086-9
Date Sampled		2/8/2010	5/24/2010	8/10/2010	2/8/2010	5/24/2010	8/10/2010
Dilution		4.55	10	25.3	1	10	20
VOCs (µg/m³)	µg/m³						
1,1,1-Trichloroethane **	68,000	5 U	11 U	5.1 U	1.1 U	11 U	4 U
1,1,2,2-Tetrachloroethane	NS	6.2 U	14 U	5.1 U	1.4 U	14 U	4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	7 U	15 U	5.1 U	1.5 U	15 U	4 U
1,1,2-Trichloroethane	NS	5 U	11 U	5.1 U	1.1 U	11 U	4 U
1,1-Dichloroethane	NS	3.7 U	8.1 U	5.1 U	0.81 U	8.1 U	4 U
1,1-Dichloroethene	NS	3.6 U	7.9 U	5.1 U	0.79 U	7.9 U	4 U
1,2,4-Trichlorobenzene	3,700	17 U	37 U	13 U	3.7 U	37 U	10 U
1,2,4-Trimethylbenzene	NS	4.9	9.8 U	5.1 U	3.9	9.8 U	4 U
1,2-Dibromoethane	NS	7 U	15 U	5.1 U	1.5 U	15 U	4 U
1,2-Dichlorobenzene	30,000	5.5 U	12 U	5.1 U	1.2 U	12 U	4 U
1,2-Dichloroethane	NS	3.7 U	8.1 U	5.1 U	0.81 U	8.5	4 U
1,2-Dichloroethene (cis)	NS	3.6 U	7.9 U	5.1 U	0.79 U	7.9 U	4 U
1,2-Dichloroethene (trans)	NS	3.6 U	7.9 U	5.1 U	0.79 U	7.9 U	4 U
1,2-Dichloroethene,Total	NS	3.6 U	7.9 U	5.1 U	0.79 U	7.9 U	4 U
1,2-Dichloropropane	NS	4.2 U	9.2 U	5.1 U	0.92 U	9.2 U	4 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	6.4 U	14 U	5.1 U	1.4 U	14 U	4 U
1,3,5-Trimethylbenzene	NS	4.5 U	9.8 U	5.1 U	1.2	9.8 U	4 U
1,3-Butadiene	NS	5.1 U	11 U	5.1 U	1.1 U	11 U	4 U
1,3-Dichlorobenzene	30,000	16	12 U	5.1 U	15	12 U	4 U
1,3-Dichloropropene (cis)	NS	4.1 U	9.1 U	5.1 U	0.91 U	9.1 U	4 U
1,3-Dichloropropene (trans)	NS	4.1 U	9.1 U	5.1 U	0.91 U	9.1 U	4 U
1,4-Dichlorobenzene	NS	5.5 U	12 U	5.1 U	1.2 U	12 U	4 U
1,4-Dioxane	3,000	83 U	180 U	130 U	18 U	180 U	100 U
2,2,4-Trimethylpentane	NS	4.3 U	9.3 U	5.1 U	1.5	9.3 U	4 U
2-Chlorotoluene (o-Chlorotoluene)	NS	4.7 U	10 U	5.1 U	1 U	10 U	4 U
3-Chloropropene (allyl chloride)	600	7.2 U	16 U	13 U	1.6 U	16 U	10 U
4-Ethyltoluene (p-Ethyltoluene)	NS	4.5 U	9.8 U	5.1 U	1.3	9.8 U	4 U
Acetone	180000	55 U	120 U	130 U	76	120 U	100 U
Benzene	1300	5.1	6.4 U	5.1 U	1.7	6.4 U	4 U
Bromodichloromethane	NS	6.1 U	13 U	5.1 U	1.3 U	13 U	4 U
Bromoform	NS	9.4 U	21 U	5.1 U	2.1 U	21 U	4 U
Bromomethane (Methyl bromide)	3,900	3.5 U	7.8 U	5.1 U	0.78 U	7.8 U	4 U
Carbon disulfide	6,200	9.3	16 U	13 U	1.6 U	16 U	17
Carbon tetrachloride	1,900	5.7 U	13 U	5.1 U	1.3 U	13 U	4 U
Chlorobenzene	NS	4.2 U	9.2 U	5.1 U	0.92 U	9.2 U	4 U
Chloroethane (ethyl chloride)	NS	6.1 U	13 U	13 U	1.3 U	13 U	10 U
Chloroform	150	4.4 U	9.8 U	5.1 U	0.98 U	9.8 U	4 U
Chloromethane (Methyl chloride)	22,000	4.7 U	10 U	13 U	1.4	10 U	10 U
Cyclohexane	NS	3.1 U	6.9 U	5.1 U	1.1	6.9 U	5.2
Dibromochloromethane	NS	7.8 U	17 U	5.1 U	1.7 U	17 U	4 U
Dichlorodifluoromethane	NS	11 U	25 U	13 U	2.5 U	25 U	10 U
Ethylbenzene	54,000	4.8	8.7 U	5.1 U	3.6	8.7 U	4 U
Hexachlorobutadiene	NS	9.7 U	21 U	5.1 U	2.1 U	21 U	4 U
Isopropanol	98,000	76	120 U	130 U	69	120 U	100 U
Methyl Butyl Ketone (2-Hexanone)	4,000	9.4 U	20 U	13 U	2 U	20 U	10 U
Methyl ethyl ketone (2-Butanone)	13,000	38	380	380	2.7	120	200
Methyl isobutyl ketone	31,000	9.4 U	34	44	2 U	20 U	28
Methylene Chloride	14,000	8 U	17 U	13 U	2	17 U	10 U
MTBE (Methyl tert-butyl ether)	NS	8.3 U	18 U	5.1 U	1.8 U	18 U	4 U
n-Heptane	210,000	3.7 U	8.2 U	5.1 U	1.8	8.2 U	4 U
n-Hexane	NS	8.1 U	18 U	5.1 U	12	18 U	4 U
Styrene	17,000	510	51	9.8	29	27	5.8
Tertiary butyl alcohol (TBA)	NS	70 U	150 U	130 U	15 U	150 U	100 U
Tetrachloroethene (PCE)	1,000	6.2 U	14 U	5.1 U	1.4 U	14 U	4 U
Tetrahydrofuran	30,000	68	530	770	15 U	230	560
Toluene **	37,000	32	14	5.1 U	79	26	4.9
Trichloroethene (TCE)	14,000	4.9 U	11 U	5.1 U	1.1 U	11 U	4 U
Trichlorofluoromethane (Freon 11)	68,000	5.1 U	11 U	5.1 U	1.4	11 U	4 U
Vinyl bromide	NS	4 U	8.7 U	5.1 U	0.87 U	8.7 U	4 U
Vinyl Chloride	180,000	2.3 U	5.1 U	5.1 U	0.51 U	5.1 U	4 U
Xylene (m&p)	4,300	21	8.7 U	6.4	16	8.7 U	6.3
Xylene (m,p)	4,300	13	17 U	13 U	12	17 U	10 U
Xylene (o)	4,300	7.4	8.7 U	5.1 U	3.8	8.7 U	4 U

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-AA		
Lab Sample ID	DAR-1 SGC	820124	831360	200-1086-1
Date Sampled		2/8/2010	5/24/2010	8/10/2010
Dilution		1	1	1
VOCs (µg/m³)	µg/m³			
1,1,1-Trichloroethane **	68,000	1.1 U	1.1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	1.4 U	1.4 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	1.5 U	1.5 U	0.2 U
1,1,2-Trichloroethane	NS	1.1 U	1.1 U	0.2 U
1,1-Dichloroethane	NS	0.81 U	0.81 U	0.2 U
1,1-Dichloroethene	NS	0.79 U	0.79 U	0.2 U
1,2,4-Trichlorobenzene	3,700	3.7 U	3.7 U	0.5 U
1,2,4-Trimethylbenzene	NS	0.98 U	0.98 U	0.2 U
1,2-Dibromoethane	NS	1.5 U	1.5 U	0.2 U
1,2-Dichlorobenzene	30,000	1.2 U	1.2 U	0.2 U
1,2-Dichloroethane	NS	0.81 U	0.81 U	0.2 U
1,2-Dichloroethene (cis)	NS	0.79 U	0.79 U	0.2 U
1,2-Dichloroethene (trans)	NS	0.79 U	0.79 U	0.2 U
1,2-Dichloroethene,Total	NS	0.79 U	0.79 U	0.2 U
1,2-Dichloropropane	NS	0.92 U	0.92 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	1.4 U	1.4 U	0.2 U
1,3,5-Trimethylbenzene	NS	0.98 U	0.98 U	0.2 U
1,3-Butadiene	NS	1.1 U	1.1 U	0.2 U
1,3-Dichlorobenzene	30,000	1.2 U	1.2 U	0.2 U
1,3-Dichloropropene (cis)	NS	0.91 U	0.91 U	0.2 U
1,3-Dichloropropene (trans)	NS	0.91 U	0.91 U	0.2 U
1,4-Dichlorobenzene	NS	1.2 U	1.2 U	0.2 U
1,4-Dioxane	3,000	18 U	18 U	5 U
2,2,4-Trimethylpentane	NS	0.93 U	0.93 U	0.2
2-Chlorotoluene (o-Chlorotoluene)	NS	1 U	1 U	0.2 U
3-Chloropropene (allyl chloride)	600	1.6 U	1.6 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	0.98 U	0.98 U	0.2 U
Acetone	180000	12	12 U	28
Benzene	1300	1	0.64 U	0.23
Bromodichloromethane	NS	1.3 U	1.3 U	0.2 U
Bromoform	NS	2.1 U	2.1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	0.78 U	0.78 U	0.2 U
Carbon disulfide	6,200	1.6 U	1.6 U	0.5 U
Carbon tetrachloride	1,900	1.3 U	1.3 U	0.2 U
Chlorobenzene	NS	0.92 U	0.92 U	0.2 U
Chloroethane (ethyl chloride)	NS	1.3 U	1.3 U	0.5 U
Chloroform	150	0.98 U	0.98 U	0.2 U
Chloromethane (Methyl chloride)	22,000	1.3	1 U	0.51
Cyclohexane	NS	0.69 U	0.69 U	0.2 U
Dibromochloromethane	NS	1.7 U	1.7 U	0.2 U
Dichlorodifluoromethane	NS	2.5 U	2.5 U	0.5 U
Ethylbenzene	54,000	0.91	0.87 U	0.2 U
Hexachlorobutadiene	NS	2.1 U	2.1 U	0.2 U
Isopropanol	98,000	12 U	12 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	2 U	2 U	0.56
Methyl ethyl ketone (2-Butanone)	13,000	1.5 U	1.6	4.2
Methyl isobutyl ketone	31,000	2 U	2 U	0.5 U
Methylene Chloride	14,000	8	1.7 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	1.8 U	1.8 U	0.2 U
n-Heptane	210,000	0.82 U	0.82 U	0.29
n-Hexane	NS	3.3	1.8 U	0.27
Styrene	17,000	0.85 U	0.85 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	15 U	15 U	5 U
Tetrachloroethene (PCE)	1,000	1.4 U	1.4 U	0.2 U
Tetrahydrofuran	30,000	15 U	15 U	5 U
Toluene **	37,000	5.3	3	0.67
Trichloroethene (TCE)	14,000	1.1 U	1.1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	1.5	1.4	0.24
Vinyl bromide	NS	0.87 U	0.87 U	0.2 U
Vinyl Chloride	180,000	0.51 U	0.51 U	0.2 U
Xylene (m&p)	4,300	2.9	1.8	0.23
Xylene (m,p)	4,300	2.9	1.8	0.5 U
Xylene (o)	4,300	0.87 U	0.87 U	0.2 U

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Soil Vapor Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

U : The analyte was not detected at the indicated concentration.

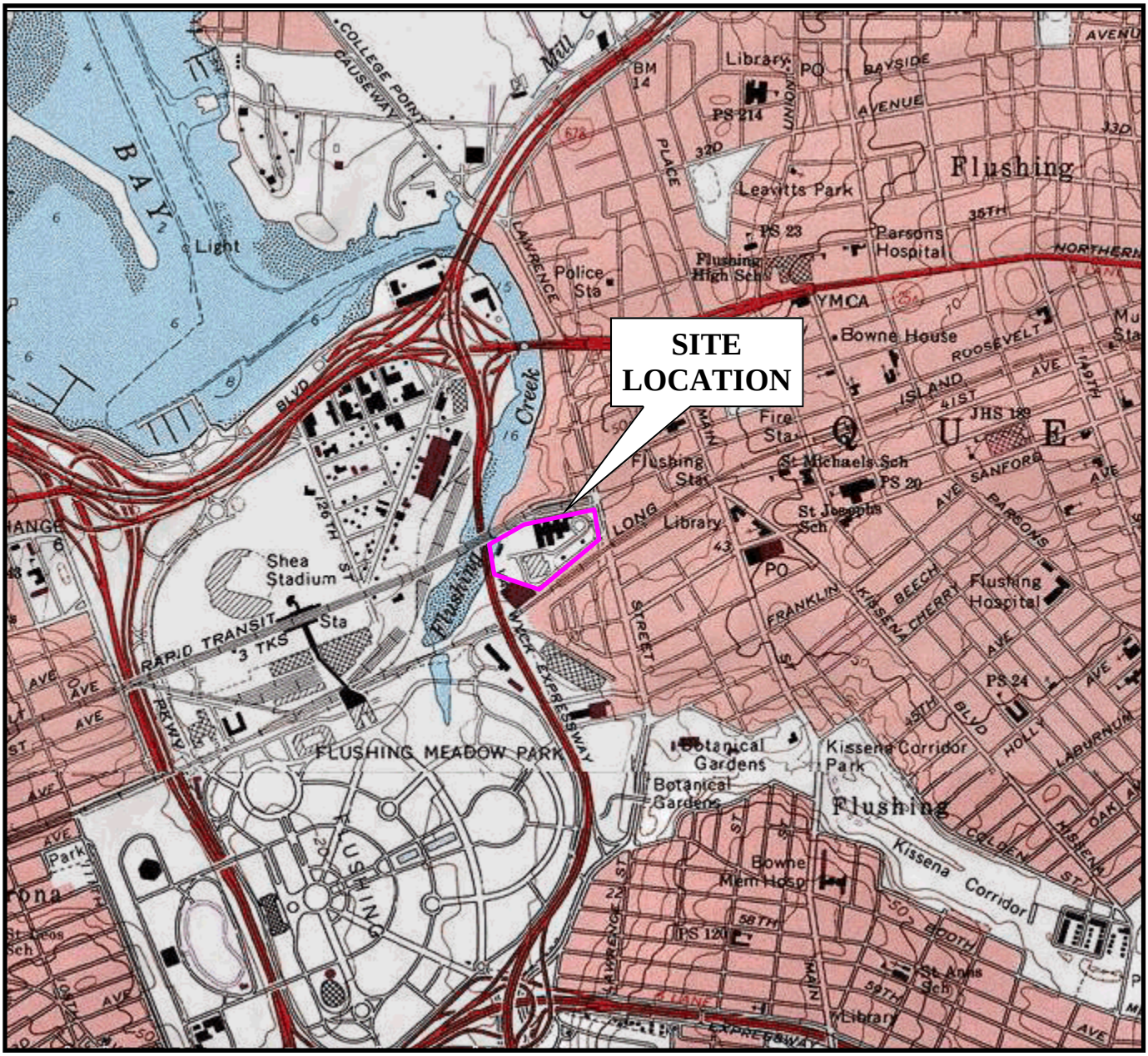
Exceedences are highlighted in bold font.

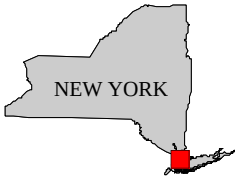
AIR

DAR-1 SGC : To satisfy the requirements described in 6 NYCRR Part 212.9(a) Table 1, the NYSDEC established a listing of non-criteria air contaminants with acceptable ambient air concentrations to help the user of DAR-1 make an appropriate Environmental Rating determination. The acceptable air concentrations, in micrograms per cubic meter, are listed for annual emission rates called Annual Guideline Concentrations (AGC) and for hourly emission rates called Short-Term Guideline Concentrations (SGC). A listing of AGC/SGCs were incorporated into the 1991 Draft version of Air Guide-1 (DAR-1) under Appendix C and revised in 1995, 2000, 2003 and 2007

$\mu g/m^3$: micrograms per cubic meter of air

FIGURES

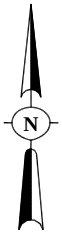




SCALE IN FEET

0’ 1000’ 2000’ 4000’

SCALE: 1”=2000’



SOURCE:

7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP
QUADRANGLE: FLUSHING, NY 1995

FLUSHING INDUSTRIAL PARK, PARCELS 1-4
FLUSHING, NEW YORK

PROJECT SITE LOCATION

AKRF

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE **11.21.06**
PROJECT No. **30141**
SCALE **AS SHOWN**
FIGURE **1**

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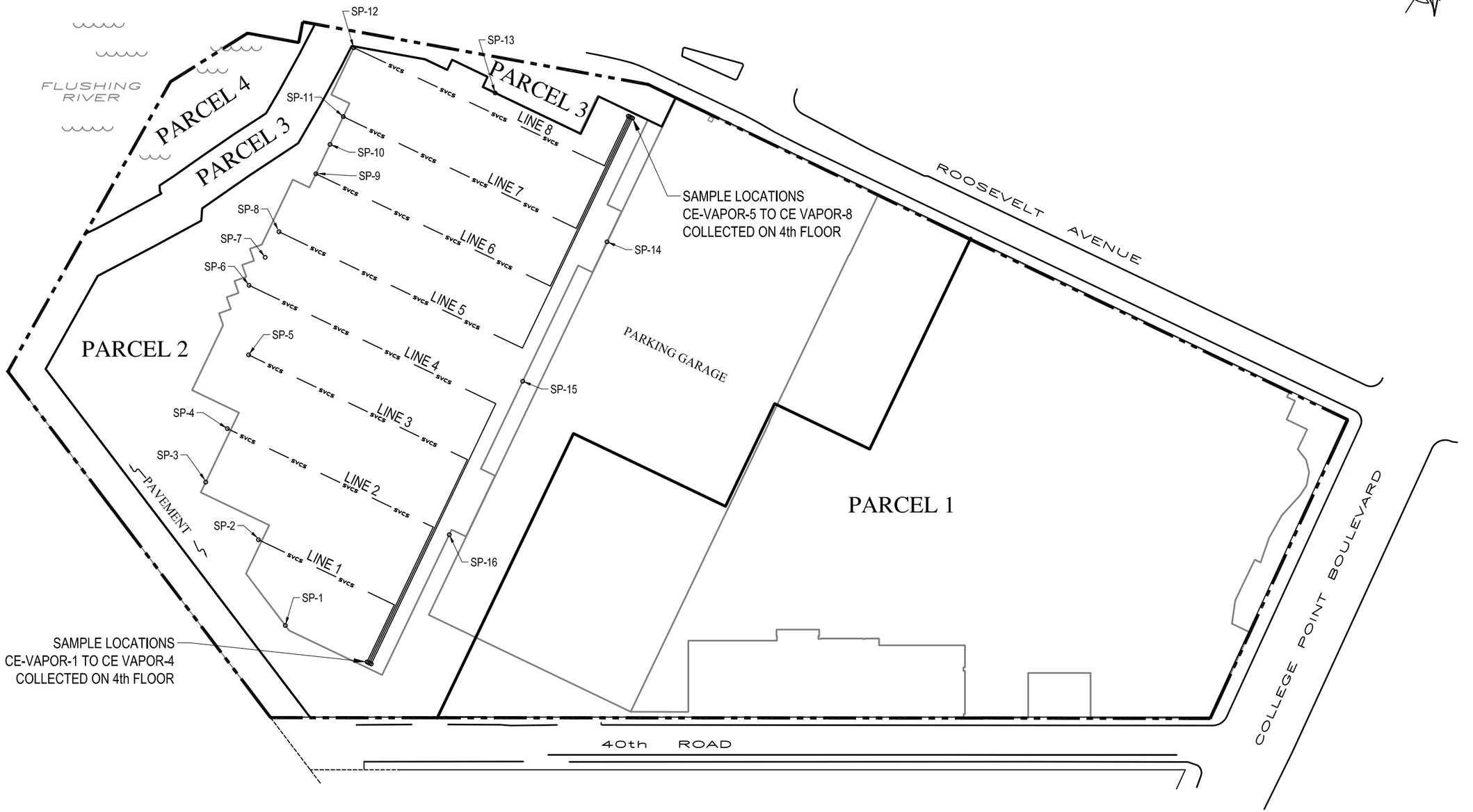

Legend:

- PLANNED BUILDING LINE
- PARCEL BOUNDARY
- PROPERTY BOUNDARY

SCALE IN FEET
0' 50' 100' 200'
SCALE: 1"=100'

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AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FLUSHING INDUSTRIAL PARK, PARCELS 1 - 4
Flushing, New York

VAPOR MONITORING SAMPLE LOCATIONS

DATE
5.18.10

SCALE
1"=100'

PROJECT No.
30141

FIGURE No.
2

APPENDIX A

PERIODIC INSPECTION LOG

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM
Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

Inspector Name: MATT OLESKE	**Date:** 8/10/2010
Time IN: 0730	**Time OUT:** 1600

GENERAL

Weather: 90°F Humid, light intermittent drizzle. | Temperature: | Barometric Pressure: 29.83 " Hg.

When was the last rain event?
AM DRIZZLE 8/10/2010 + PM RAIN 8/9/2010

Are all system fans operating? (Yes) No (circle one)

If no, please list:

Any evidence of system tampering, vandalism or damage? NO.

Were all cleanout/sampling port caps securely attached prior to system testing?
SAMPLING PORTS: Fans 1A-8A missing barbed fittings. 1B-8B ARE OKAY.
CLEANOUTS: SP's-9, 11, 12, 14, 15, 16 HAVE PENETRATIONS INTO CAP (PVC OR RUBBER GASKET)
If no, please list location and corrective action:
USED DUCT TAPE TO SEAL PENETRATIONS. MANHOLE (FLUSH MOUNT) ON SP-15 IS BROKEN INTO 3 PIECES.

FAN OPERATIONS - 1st Floor

1st Floor Locations (Lines 1A - 8A)	Vacuum Below Fan [1] "H_2O	PID ppb	Methane [2] %	LEL %	Notes
SVCS Line 1	1.6	2.0	0.1%	0.0	STEADY VACCUM
SVCS Line 2	1.6	~~NR~~ 2.0	0.0%	0.0	STEADY VACUUM
SVCS Line 3	2.5-8.5	2.0	0.0%	0.0	FLUCTUATING VACUUM (PULSING)
SVCS Line 4	3.5-4.0	2.0	0.0%	0.0	FLUCTUATING SLIGHTLY (VACUUM)
SVCS Line 5	5.4	5.0	0.0%	0.0	STEADY VACUUM
SVCS Line 6	5.2	3.0	0.0%	0.0	STEADY "
SVCS Line 7	5.4	3.0	0.0%	0.0	STEADY "
SVCS Line 8	5.2	3.0	0.0%	0.0	STEADY "

Comments:
PID IN AMBIENT OF 2.0 (IN FAN Rm.)

FAN OPERATIONS - 4th Floor

4th Floor Locations (Lines 1B - 8B)	Vacuum Below Fan [1] "H_2O	PID ppb	Methane [2] %	LEL %	Notes
SVCS Line 1	1.0	3.0	0.0 %	0.0 %	STEADY
SVCS Line 2	1.0	3.0	0.0 %	0.0 %	STEADY
SVCS Line 3	1.4-4.6	2.0	0.0 %	0.0 %	FLUCTUATING VACUUM
SVCS Line 4	1.6	3.0	0.0 %	0.0 %	STEADY "
SVCS Line 5	2.8	2.0	0.0	0.0	" "
SVCS Line 6	2.8	2.0	0.0	0.0	" "
SVCS Line 7	2.6	3.0	0.0	0.0	" "
SVCS Line 8	2.6	2.0	0.0	0.0	" "

FAN LIGHT OUT FOR SVC 2B, FAN IS WORKING.

3 NO FAN LIGHTS INSTALLED.

Comments:
PID IN AMBIENT OF 2.0 (IN FAN Rm.)

Notes:
1. Normal system vacuums range between 0.400" and 1.000" H2O. If outside this range, contact Langan.
2. Any methane levels above 3% should be reported to Langan immediately.

Revised 05/17/10

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM
Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

VAPOR SAMPLES (Quarterly)

Location	Start Time	Start Vacuum	End Time	End Vacuum	Flow Cont. ID	Summa ID	Notes
Ambient Air	13:33	-31	14:03	~~-31~~ -6	4684	5058	ROOF
SVCS Line 1	13:27	-29	13:57	-4	4686	4304	
SVCS Line 2	13:27	-30	13:57	-4	4582	5057	
SVCS Line 3	13:27	-28	13:57	-8	4590	3733	
SVCS Line 4	13:26	-31	13:56	-6	4596	4349	
SVCS Line 5	13:17	-30	13:47	-4	4622	3405	
SVCS Line 6	13:18	-30	13:48	-4	4970	2953	
SVCS Line 7	13:19	-30	13:49	-6	4597	4322	
SVCS Line 8	13:19	-30	13:49	-4	4603	3655	

Comments:
PID of 2.0 IN AMBIENT AIR SAMPLE LOCATION (ROOF)

Note: Samples to be collected at Line B - 4th Floor, unless otherwise indicated.

Emergency Contact Information

Name	Title	Contact Number
Vasos Michael	Skyview Parc Project Executive	718-358-7100
Marcus Simons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)
Marshall King/ Steven Ciambruschini	Langan Project Engineers	201-794-6900 (office) 201-981-8555 (King cell)

APPENDIX B

LABORATORY ANALYTICAL RESULTS (CD)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 200-1086-1

Job Description: CE Flushing College Point

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Don C Dawicki
Project Manager II
8/31/2010 3:43 PM

Don C Dawicki
Project Manager II
don.dawicki@testamericainc.com
08/31/2010

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

Table of Contents

Cover Title Page 1

Data Summaries 4

- Report Narrative 4
- Manual Integration Summary 5
- Sample Summary 7
- Executive Summary 8
- Method Summary 14
- Method / Analyst Summary 15
- Sample Datasheets 16
- QC Data Summary 43
- Data Qualifiers 55
- QC Association Summary 56
- Lab Chronicle 57

Organic Sample Data 60

- Air - GC/MS VOA 60
  - Method TO15 60
    - Method TO15 QC Summary 61
    - Method TO15 Sample Data 73
    - Standards Data 246
      - Method TO15 ICAL Data 246
      - Method TO15 CCAL Data 284
    - Raw QC Data 305
      - Method TO15 Tune Data 305
      - Method TO15 Blank Data 317
      - Method TO15 LCS/LCSD Data 333
    - Method TO15 Run Logs 345

Table of Contents

Method TO15 Prep Data 352

Air Canister Dilution 353

Pre-shipment Certification 354

LCS Data 355

Blank Data 357

Tune Data 365

IS/RT Data 367

Clean Canister Data 369

ICAL Data 376

ICV/CCV Data 386

Run Logs 392

Shipping and Receiving Documents 397

Client Chain of Custody 398

Sample Receipt Checklist 401

CASE NARRATIVE

Client: AKRF Inc

Project: CE Flushing College Point

Report Number: 200-1086-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 08/12/2010; the samples arrived in good condition.

Volatile Organics
The analyses for several of the samples in this delivery group were accomplished at dilution based on screen analyses that showed the presence of non-target analytes at concentrations sufficient to interfere with instrument operation in full strength analyses.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Analysis Batch Number: 5588

Lab Sample ID: 200-1086-1 Client Sample ID: CE-AA

Date Analyzed: 08/25/10 08:54 Lab File ID: fdtj021.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.22	Baseline event	wrd	08/25/10 09:54
Isopropyl alcohol	6.65	Peak not found by the data system	wrd	08/25/10 09:54

Lab Sample ID: 200-1086-3 Client Sample ID: CE-VAPOR-2

Date Analyzed: 08/25/10 10:36 Lab File ID: fdtj023.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.91	Baseline event	wrd	08/25/10 12:17

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Analysis Batch Number: 5661

Lab Sample ID: 200-1086-6 Client Sample ID: CE-VAPOR-5

Date Analyzed: 08/25/10 19:50 Lab File ID: fdtk007.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.21	Baseline event	wrd	08/26/10 09:14
Isopropyl alcohol	6.65	Analyte misidentified by the data system	wrd	08/26/10 09:15
4-Ethyltoluene	16.86	Baseline event	wrd	08/26/10 09:17

Lab Sample ID: 200-1086-9 Client Sample ID: CE-VAPOR-8

Date Analyzed: 08/25/10 22:22 Lab File ID: fdtk010.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	9.89	Baseline event	wrd	08/26/10 09:23

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-1086-1	CE-AA	Air	08/10/2010 1403	08/12/2010 0820
200-1086-2	CE-VAPOR-1	Air	08/10/2010 1357	08/12/2010 0820
200-1086-3	CE-VAPOR-2	Air	08/10/2010 1357	08/12/2010 0820
200-1086-4	CE-VAPOR-3	Air	08/10/2010 1357	08/12/2010 0820
200-1086-5	CE-VAPOR-4	Air	08/10/2010 1356	08/12/2010 0820
200-1086-6	CE-VAPOR-5	Air	08/10/2010 1347	08/12/2010 0820
200-1086-7	CE-VAPOR-6	Air	08/10/2010 1348	08/12/2010 0820
200-1086-8	CE-VAPOR-7	Air	08/10/2010 1349	08/12/2010 0820
200-1086-9	CE-VAPOR-8	Air	08/10/2010 1349	08/12/2010 0820

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-1	**CE-AA**				
Chloromethane		0.51	0.50	ppb v/v	TO-15
Chloromethane		1.1	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.24	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Acetone		28	5.0	ppb v/v	TO-15
Acetone		67	12	ug/m3	TO-15
n-Hexane		0.27	0.20	ppb v/v	TO-15
n-Hexane		0.96	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		4.2	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		12	1.5	ug/m3	TO-15
2,2,4-Trimethylpentane		0.20	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.92	0.93	ug/m3	TO-15
Benzene		0.23	0.20	ppb v/v	TO-15
Benzene		0.74	0.64	ug/m3	TO-15
n-Heptane		0.29	0.20	ppb v/v	TO-15
n-Heptane		1.2	0.82	ug/m3	TO-15
Toluene		0.67	0.20	ppb v/v	TO-15
Toluene		2.5	0.75	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		0.56	0.50	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		2.3	2.0	ug/m3	TO-15
Xylene (total)		0.23	0.20	ppb v/v	TO-15
Xylene (total)		1.0	0.87	ug/m3	TO-15
200-1086-2	**CE-VAPOR-1**				
Methyl Butyl Ketone (2-Hexanone)		2.7	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		11	10	ug/m3	TO-15
Xylene, o-		1.9	1.0	ppb v/v	TO-15
Xylene, o-		8.2	4.3	ug/m3	TO-15
Xylene (total)		3.5	1.0	ppb v/v	TO-15
Xylene (total)		15	4.3	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.1	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		10	4.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-3	**CE-VAPOR-2**				
Acetone		34	25	ppb v/v	TO-15
Acetone		81	59	ug/m3	TO-15
Methyl Ethyl Ketone		7.0	2.5	ppb v/v	TO-15
Methyl Ethyl Ketone		21	7.4	ug/m3	TO-15
2,2,4-Trimethylpentane		1.6	1.0	ppb v/v	TO-15
2,2,4-Trimethylpentane		7.5	4.7	ug/m3	TO-15
Benzene		1.0	1.0	ppb v/v	TO-15
Benzene		3.3	3.2	ug/m3	TO-15
n-Heptane		4.3	1.0	ppb v/v	TO-15
n-Heptane		18	4.1	ug/m3	TO-15
Tetrachloroethene		1.0	1.0	ppb v/v	TO-15
Tetrachloroethene		6.9	6.8	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		9.8	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		40	10	ug/m3	TO-15
Xylene (total)		2.0	1.0	ppb v/v	TO-15
Xylene (total)		8.8	4.3	ug/m3	TO-15
4-Ethyltoluene		1.2	1.0	ppb v/v	TO-15
4-Ethyltoluene		5.8	4.9	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.7	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		13	4.9	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.2	1.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		5.7	4.9	ug/m3	TO-15
200-1086-4	**CE-VAPOR-3**				
Cyclohexane		1.3	1.0	ppb v/v	TO-15
Cyclohexane		4.4	3.4	ug/m3	TO-15
n-Heptane		5.0	1.0	ppb v/v	TO-15
n-Heptane		20	4.1	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		10	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		42	10	ug/m3	TO-15
Ethylbenzene		4.7	1.0	ppb v/v	TO-15
Ethylbenzene		21	4.3	ug/m3	TO-15
m,p-Xylene		2.6	2.5	ppb v/v	TO-15
m,p-Xylene		11	11	ug/m3	TO-15
Xylene, o-		11	1.0	ppb v/v	TO-15
Xylene, o-		47	4.3	ug/m3	TO-15
Xylene (total)		13	1.0	ppb v/v	TO-15
Xylene (total)		58	4.3	ug/m3	TO-15
1,3,5-Trimethylbenzene		7.2	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		36	4.9	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.0	1.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		5.0	4.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-5	**CE-VAPOR-4**				
Cyclohexane		1.1	1.0	ppb v/v	TO-15
Cyclohexane		3.6	3.4	ug/m3	TO-15
Benzene		1.2	1.0	ppb v/v	TO-15
Benzene		3.7	3.2	ug/m3	TO-15
n-Heptane		2.8	1.0	ppb v/v	TO-15
n-Heptane		12	4.1	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		8.9	2.5	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		36	10	ug/m3	TO-15
Ethylbenzene		2.6	1.0	ppb v/v	TO-15
Ethylbenzene		11	4.3	ug/m3	TO-15
Xylene, o-		7.3	1.0	ppb v/v	TO-15
Xylene, o-		32	4.3	ug/m3	TO-15
Xylene (total)		9.4	1.0	ppb v/v	TO-15
Xylene (total)		41	4.3	ug/m3	TO-15
1,3,5-Trimethylbenzene		4.3	1.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		21	4.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-6	**CE-VAPOR-5**				
Chloromethane		0.83	0.50	ppb v/v	TO-15
Chloromethane		1.7	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.22	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.2	1.1	ug/m3	TO-15
Acetone		10	5.0	ppb v/v	TO-15
Acetone		24	12	ug/m3	TO-15
Carbon disulfide		3.0	0.50	ppb v/v	TO-15
Carbon disulfide		9.3	1.6	ug/m3	TO-15
n-Hexane		0.72	0.20	ppb v/v	TO-15
n-Hexane		2.6	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		4.1	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		12	1.5	ug/m3	TO-15
Tetrahydrofuran		7.5	5.0	ppb v/v	TO-15
Tetrahydrofuran		22	15	ug/m3	TO-15
Cyclohexane		0.89	0.20	ppb v/v	TO-15
Cyclohexane		3.1	0.69	ug/m3	TO-15
2,2,4-Trimethylpentane		0.90	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		4.2	0.93	ug/m3	TO-15
Benzene		1.3	0.20	ppb v/v	TO-15
Benzene		4.3	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.33	0.20	ppb v/v	TO-15
1,2-Dichloroethane		1.3	0.81	ug/m3	TO-15
n-Heptane		0.40	0.20	ppb v/v	TO-15
n-Heptane		1.6	0.82	ug/m3	TO-15
methyl isobutyl ketone		3.6	0.50	ppb v/v	TO-15
methyl isobutyl ketone		15	2.0	ug/m3	TO-15
Toluene		3.1	0.20	ppb v/v	TO-15
Toluene		12	0.75	ug/m3	TO-15
Ethylbenzene		1.8	0.20	ppb v/v	TO-15
Ethylbenzene		7.8	0.87	ug/m3	TO-15
m,p-Xylene		4.9	0.50	ppb v/v	TO-15
m,p-Xylene		21	2.2	ug/m3	TO-15
Xylene, o-		1.3	0.20	ppb v/v	TO-15
Xylene, o-		5.7	0.87	ug/m3	TO-15
Xylene (total)		6.2	0.20	ppb v/v	TO-15
Xylene (total)		27	0.87	ug/m3	TO-15
Styrene		1.4	0.20	ppb v/v	TO-15
Styrene		5.9	0.85	ug/m3	TO-15
4-Ethyltoluene		0.20	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.98	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.23	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.1	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.84	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		4.1	0.98	ug/m3	TO-15
1,4-Dichlorobenzene		2.2	0.20	ppb v/v	TO-15
1,4-Dichlorobenzene		13	1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-7	**CE-VAPOR-6**				
Carbon disulfide		15	7.6	ppb v/v	TO-15
Carbon disulfide		48	24	ug/m3	TO-15
Methyl Ethyl Ketone		180	7.6	ppb v/v	TO-15
Methyl Ethyl Ketone		530	23	ug/m3	TO-15
Tetrahydrofuran		420	76	ppb v/v	TO-15
Tetrahydrofuran		1200	230	ug/m3	TO-15
methyl isobutyl ketone		41	7.6	ppb v/v	TO-15
methyl isobutyl ketone		170	31	ug/m3	TO-15
Toluene		4.8	3.1	ppb v/v	TO-15
Toluene		18	12	ug/m3	TO-15
Xylene (total)		5.9	3.1	ppb v/v	TO-15
Xylene (total)		26	13	ug/m3	TO-15
Styrene		4.1	3.1	ppb v/v	TO-15
Styrene		18	13	ug/m3	TO-15
200-1086-8	**CE-VAPOR-7**				
Methyl Ethyl Ketone		380	13	ppb v/v	TO-15
Methyl Ethyl Ketone		1100	37	ug/m3	TO-15
Tetrahydrofuran		770	130	ppb v/v	TO-15
Tetrahydrofuran		2300	370	ug/m3	TO-15
methyl isobutyl ketone		44	13	ppb v/v	TO-15
methyl isobutyl ketone		180	52	ug/m3	TO-15
Xylene (total)		6.4	5.1	ppb v/v	TO-15
Xylene (total)		28	22	ug/m3	TO-15
Styrene		9.8	5.1	ppb v/v	TO-15
Styrene		42	22	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 200-1086-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-1086-9	**CE-VAPOR-8**				
Carbon disulfide		17	10	ppb v/v	TO-15
Carbon disulfide		52	31	ug/m3	TO-15
Methyl Ethyl Ketone		200	10	ppb v/v	TO-15
Methyl Ethyl Ketone		600	29	ug/m3	TO-15
Tetrahydrofuran		560	100	ppb v/v	TO-15
Tetrahydrofuran		1600	290	ug/m3	TO-15
Cyclohexane		5.2	4.0	ppb v/v	TO-15
Cyclohexane		18	14	ug/m3	TO-15
methyl isobutyl ketone		28	10	ppb v/v	TO-15
methyl isobutyl ketone		120	41	ug/m3	TO-15
Toluene		4.9	4.0	ppb v/v	TO-15
Toluene		18	15	ug/m3	TO-15
Xylene (total)		6.3	4.0	ppb v/v	TO-15
Xylene (total)		27	17	ug/m3	TO-15
Styrene		5.8	4.0	ppb v/v	TO-15
Styrene		25	17	ug/m3	TO-15

METHOD SUMMARY

Client: AKRF Inc

Job Number: 200-1086-1

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 200-1086-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-AA**

Lab Sample ID: 200-1086-1
Client Matrix: Air

Date Sampled: 08/10/2010 1403
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	08/25/2010 0854		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0854		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.51		0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.24		0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	28		0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	0.50	U	0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.27		0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	4.2		0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	5.0	U	0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.20	U	0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.20		0.013	0.20
Benzene	0.23		0.050	0.20
1,2-Dichloroethane	0.20	U	0.015	0.20
n-Heptane	0.29		0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	0.50	U	0.064	0.50
Toluene	0.67		0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20
Methyl Butyl Ketone (2-Hexanone)	0.56		0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-AA**

Lab Sample ID: 200-1086-1
Client Matrix: Air

Date Sampled: 08/10/2010 1403
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	08/25/2010 0854		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0854		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	0.20	U	0.014	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.050	0.20
Xylene (total)	0.23		0.15	0.20
Styrene	0.20	U	0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20	U	0.064	0.20
1,3,5-Trimethylbenzene	0.20	U	0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.20	U	0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	0.20	U	0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.1		0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.4		0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	67		2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	1.6	U	0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	0.96		0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	12		0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	15	U	0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-AA**

Lab Sample ID: 200-1086-1
Client Matrix: Air

Date Sampled: 08/10/2010 1403
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	08/25/2010 0854		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0854		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	0.69	U	0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	0.92		0.061	0.93
Benzene	0.74		0.16	0.64
1,2-Dichloroethane	0.81	U	0.061	0.81
n-Heptane	1.2		0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	2.0	U	0.26	2.0
Toluene	2.5		0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4
Methyl Butyl Ketone (2-Hexanone)	2.3		0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	0.87	U	0.061	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.22	0.87
Xylene (total)	1.0		0.65	0.87
Styrene	0.85	U	0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98	U	0.31	0.98
1,3,5-Trimethylbenzene	0.98	U	0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	0.98	U	0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	1.2	U	0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 200-1086-2
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj022.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 0945		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0945		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	25	U	5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	2.5	U	0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.0	U	0.065	1.0
Benzene	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0	U	0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	2.7		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 200-1086-2
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtj022.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 0945			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 0945			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	1.0	U	0.070	1.0
m,p-Xylene	2.5	U	0.12	2.5
Xylene, o-	1.9		0.25	1.0
Xylene (total)	3.5		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.0	U	0.32	1.0
1,3,5-Trimethylbenzene	2.1		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.0	U	0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	59	U	12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	7.4	U	0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 200-1086-2
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj022.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 0945		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 0945		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.4	U	0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	4.7	U	0.30	4.7
Benzene	3.2	U	0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	4.1	U	0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.8	U	0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	11		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	4.3	U	0.30	4.3
m,p-Xylene	11	U	0.50	11
Xylene, o-	8.2		1.1	4.3
Xylene (total)	15		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	4.9	U	1.6	4.9
1,3,5-Trimethylbenzene	10		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	4.9	U	1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-2**

Lab Sample ID: 200-1086-3
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj023.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 1036		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 1036		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	34		5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	7.0		0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.6		0.065	1.0
Benzene	1.0		0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	4.3		0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0		0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	9.8		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-2**

Lab Sample ID: 200-1086-3
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtj023.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1036			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1036			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	1.0	U	0.070	1.0
m,p-Xylene	2.5	U	0.12	2.5
Xylene, o-	1.0	U	0.25	1.0
Xylene (total)	2.0		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.2		0.32	1.0
1,3,5-Trimethylbenzene	2.7		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.2		0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	81		12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	21		0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-2**

Lab Sample ID: 200-1086-3
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i
Preparation:	Summa Canister		Lab File ID:	fdtj023.d
Dilution:	5.0		Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1036		Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1036		Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.4	U	0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	7.5		0.30	4.7
Benzene	3.3		0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	18		0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.9		0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	40		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	4.3	U	0.30	4.3
m,p-Xylene	11	U	0.50	11
Xylene, o-	4.3	U	1.1	4.3
Xylene (total)	8.8		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	5.8		1.6	4.9
1,3,5-Trimethylbenzene	13		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	5.7		1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 200-1086-4
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtj026.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 1309		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 1309		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	25	U	5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	2.5	U	0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.3		0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.0	U	0.065	1.0
Benzene	1.0	U	0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	5.0		0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0	U	0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	10		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 200-1086-4
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtj026.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1309			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1309			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	4.7		0.070	1.0
m,p-Xylene	2.6		0.12	2.5
Xylene, o-	11		0.25	1.0
Xylene (total)	13		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.0	U	0.32	1.0
1,3,5-Trimethylbenzene	7.2		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.0		0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	59	U	12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	7.4	U	0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 200-1086-4
Client Matrix: Air

Date Sampled: 08/10/2010 1357
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5588	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtj026.d
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	08/25/2010 1309		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 1309		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	4.4		0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	4.7	U	0.30	4.7
Benzene	3.2	U	0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	20		0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.8	U	0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	42		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	21		0.30	4.3
m,p-Xylene	11		0.50	11
Xylene, o-	47		1.1	4.3
Xylene (total)	58		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	4.9	U	1.6	4.9
1,3,5-Trimethylbenzene	36		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	5.0		1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-4**

Lab Sample ID: 200-1086-5
Client Matrix: Air

Date Sampled: 08/10/2010 1356
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk006.d	
Dilution:	5.0		Initial Weight/Volume:	40	mL
Date Analyzed:	08/25/2010 1859		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 1859		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.060	2.5
1,2-Dichlorotetrafluoroethane	1.0	U	0.060	1.0
Chloromethane	2.5	U	0.10	2.5
Vinyl chloride	1.0	U	0.12	1.0
1,3-Butadiene	1.0	U	0.14	1.0
Bromomethane	1.0	U	0.070	1.0
Chloroethane	2.5	U	0.50	2.5
Bromoethene(Vinyl Bromide)	1.0	U	0.25	1.0
Trichlorofluoromethane	1.0	U	0.25	1.0
Freon TF	1.0	U	0.25	1.0
1,1-Dichloroethene	1.0	U	0.075	1.0
Acetone	25	U	5.0	25
Isopropyl alcohol	25	U	0.22	25
Carbon disulfide	2.5	U	0.25	2.5
3-Chloropropene	2.5	U	0.14	2.5
Methylene Chloride	2.5	U	0.15	2.5
tert-Butyl alcohol	25	U	0.50	25
Methyl tert-butyl ether	1.0	U	0.065	1.0
trans-1,2-Dichloroethene	1.0	U	0.25	1.0
n-Hexane	1.0	U	0.12	1.0
1,1-Dichloroethane	1.0	U	0.065	1.0
Methyl Ethyl Ketone	2.5	U	0.32	2.5
cis-1,2-Dichloroethene	1.0	U	0.25	1.0
1,2-Dichloroethene, Total	1.0	U	0.50	1.0
Chloroform	1.0	U	0.25	1.0
Tetrahydrofuran	25	U	0.50	25
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.1		0.060	1.0
Carbon tetrachloride	1.0	U	0.25	1.0
2,2,4-Trimethylpentane	1.0	U	0.065	1.0
Benzene	1.2		0.25	1.0
1,2-Dichloroethane	1.0	U	0.075	1.0
n-Heptane	2.8		0.14	1.0
Trichloroethene	1.0	U	0.070	1.0
1,2-Dichloropropane	1.0	U	0.080	1.0
1,4-Dioxane	25	U	0.18	25
Bromodichloromethane	1.0	U	0.25	1.0
cis-1,3-Dichloropropene	1.0	U	0.25	1.0
methyl isobutyl ketone	2.5	U	0.32	2.5
Toluene	1.0	U	0.25	1.0
trans-1,3-Dichloropropene	1.0	U	0.32	1.0
1,1,2-Trichloroethane	1.0	U	0.25	1.0
Tetrachloroethene	1.0	U	0.085	1.0
Methyl Butyl Ketone (2-Hexanone)	8.9		0.14	2.5
Dibromochloromethane	1.0	U	0.25	1.0
1,2-Dibromoethane	1.0	U	0.060	1.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-4**

Lab Sample ID: 200-1086-5
Client Matrix: Air

Date Sampled: 08/10/2010 1356
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk006.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	08/25/2010 1859			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1859			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	1.0	U	0.25	1.0
Ethylbenzene	2.6		0.070	1.0
m,p-Xylene	2.5	U	0.12	2.5
Xylene, o-	7.3		0.25	1.0
Xylene (total)	9.4		0.75	1.0
Styrene	1.0	U	0.25	1.0
Bromoform	1.0	U	0.25	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0
4-Ethyltoluene	1.0	U	0.32	1.0
1,3,5-Trimethylbenzene	4.3		0.32	1.0
2-Chlorotoluene	1.0	U	0.32	1.0
1,2,4-Trimethylbenzene	1.0	U	0.32	1.0
1,3-Dichlorobenzene	1.0	U	0.090	1.0
1,4-Dichlorobenzene	1.0	U	0.10	1.0
1,2-Dichlorobenzene	1.0	U	0.085	1.0
1,2,4-Trichlorobenzene	2.5	U	0.16	2.5
Hexachlorobutadiene	1.0	U	0.11	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	12	U	0.30	12
1,2-Dichlorotetrafluoroethane	7.0	U	0.42	7.0
Chloromethane	5.2	U	0.22	5.2
Vinyl chloride	2.6	U	0.32	2.6
1,3-Butadiene	2.2	U	0.30	2.2
Bromomethane	3.9	U	0.27	3.9
Chloroethane	6.6	U	1.3	6.6
Bromoethene(Vinyl Bromide)	4.4	U	1.1	4.4
Trichlorofluoromethane	5.6	U	1.4	5.6
Freon TF	7.7	U	1.9	7.7
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	59	U	12	59
Isopropyl alcohol	61	U	0.53	61
Carbon disulfide	7.8	U	0.78	7.8
3-Chloropropene	7.8	U	0.45	7.8
Methylene Chloride	8.7	U	0.52	8.7
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.6	U	0.23	3.6
trans-1,2-Dichloroethene	4.0	U	0.99	4.0
n-Hexane	3.5	U	0.41	3.5
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	7.4	U	0.94	7.4
cis-1,2-Dichloroethene	4.0	U	0.99	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.9	U	1.2	4.9
Tetrahydrofuran	74	U	1.5	74
1,1,1-Trichloroethane	5.5	U	1.4	5.5

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-4**

Lab Sample ID: 200-1086-5
Client Matrix: Air

Date Sampled: 08/10/2010 1356
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk006.d
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	08/25/2010 1859		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 1859		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.6		0.21	3.4
Carbon tetrachloride	6.3	U	1.6	6.3
2,2,4-Trimethylpentane	4.7	U	0.30	4.7
Benzene	3.7		0.80	3.2
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	12		0.55	4.1
Trichloroethene	5.4	U	0.38	5.4
1,2-Dichloropropane	4.6	U	0.37	4.6
1,4-Dioxane	90	U	0.63	90
Bromodichloromethane	6.7	U	1.7	6.7
cis-1,3-Dichloropropene	4.5	U	1.1	4.5
methyl isobutyl ketone	10	U	1.3	10
Toluene	3.8	U	0.94	3.8
trans-1,3-Dichloropropene	4.5	U	1.5	4.5
1,1,2-Trichloroethane	5.5	U	1.4	5.5
Tetrachloroethene	6.8	U	0.58	6.8
Methyl Butyl Ketone (2-Hexanone)	36		0.57	10
Dibromochloromethane	8.5	U	2.1	8.5
1,2-Dibromoethane	7.7	U	0.46	7.7
Chlorobenzene	4.6	U	1.1	4.6
Ethylbenzene	11		0.30	4.3
m,p-Xylene	11	U	0.50	11
Xylene, o-	32		1.1	4.3
Xylene (total)	41		3.3	4.3
Styrene	4.3	U	1.1	4.3
Bromoform	10	U	2.6	10
1,1,2,2-Tetrachloroethane	6.9	U	1.7	6.9
4-Ethyltoluene	4.9	U	1.6	4.9
1,3,5-Trimethylbenzene	21		1.6	4.9
2-Chlorotoluene	5.2	U	1.7	5.2
1,2,4-Trimethylbenzene	4.9	U	1.6	4.9
1,3-Dichlorobenzene	6.0	U	0.54	6.0
1,4-Dichlorobenzene	6.0	U	0.63	6.0
1,2-Dichlorobenzene	6.0	U	0.51	6.0
1,2,4-Trichlorobenzene	19	U	1.2	19
Hexachlorobutadiene	11	U	1.2	11

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 200-1086-6
Client Matrix: Air

Date Sampled: 08/10/2010 1347
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1950			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1950			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.83		0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.22		0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	10		0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	3.0		0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.72		0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	4.1		0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	7.5		0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.89		0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.90		0.013	0.20
Benzene	1.3		0.050	0.20
1,2-Dichloroethane	0.33		0.015	0.20
n-Heptane	0.40		0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	3.6		0.064	0.50
Toluene	3.1		0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 200-1086-6
Client Matrix: Air

Date Sampled: 08/10/2010 1347
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk007.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	08/25/2010 1950		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 1950		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	1.8		0.014	0.20
m,p-Xylene	4.9		0.023	0.50
Xylene, o-	1.3		0.050	0.20
Xylene (total)	6.2		0.15	0.20
Styrene	1.4		0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20		0.064	0.20
1,3,5-Trimethylbenzene	0.23		0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.84		0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	2.2		0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.7		0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.2		0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	24		2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	9.3		0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	2.6		0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	12		0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	22		0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 200-1086-6
Client Matrix: Air

Date Sampled: 08/10/2010 1347
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1950			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1950			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	3.1		0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	4.2		0.061	0.93
Benzene	4.3		0.16	0.64
1,2-Dichloroethane	1.3		0.061	0.81
n-Heptane	1.6		0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	15		0.26	2.0
Toluene	12		0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	7.8		0.061	0.87
m,p-Xylene	21		0.10	2.2
Xylene, o-	5.7		0.22	0.87
Xylene (total)	27		0.65	0.87
Styrene	5.9		0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98		0.31	0.98
1,3,5-Trimethylbenzene	1.1		0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	4.1		0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	13		0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 200-1086-7
Client Matrix: Air

Date Sampled: 08/10/2010 1348
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk008.d	
Dilution:	15.3		Initial Weight/Volume:	58	mL
Date Analyzed:	08/25/2010 2041		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2041		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	7.6	U	0.18	7.6
1,2-Dichlorotetrafluoroethane	3.1	U	0.18	3.1
Chloromethane	7.6	U	0.32	7.6
Vinyl chloride	3.1	U	0.38	3.1
1,3-Butadiene	3.1	U	0.41	3.1
Bromomethane	3.1	U	0.21	3.1
Chloroethane	7.6	U	1.5	7.6
Bromoethene(Vinyl Bromide)	3.1	U	0.76	3.1
Trichlorofluoromethane	3.1	U	0.76	3.1
Freon TF	3.1	U	0.76	3.1
1,1-Dichloroethene	3.1	U	0.23	3.1
Acetone	76	U	15	76
Isopropyl alcohol	76	U	0.66	76
Carbon disulfide	15		0.76	7.6
3-Chloropropene	7.6	U	0.44	7.6
Methylene Chloride	7.6	U	0.46	7.6
tert-Butyl alcohol	76	U	1.5	76
Methyl tert-butyl ether	3.1	U	0.20	3.1
trans-1,2-Dichloroethene	3.1	U	0.76	3.1
n-Hexane	3.1	U	0.35	3.1
1,1-Dichloroethane	3.1	U	0.20	3.1
Methyl Ethyl Ketone	180		0.98	7.6
cis-1,2-Dichloroethene	3.1	U	0.76	3.1
1,2-Dichloroethene, Total	3.1	U	1.5	3.1
Chloroform	3.1	U	0.76	3.1
Tetrahydrofuran	420		1.5	76
1,1,1-Trichloroethane	3.1	U	0.76	3.1
Cyclohexane	3.1	U	0.18	3.1
Carbon tetrachloride	3.1	U	0.76	3.1
2,2,4-Trimethylpentane	3.1	U	0.20	3.1
Benzene	3.1	U	0.76	3.1
1,2-Dichloroethane	3.1	U	0.23	3.1
n-Heptane	3.1	U	0.41	3.1
Trichloroethene	3.1	U	0.21	3.1
1,2-Dichloropropane	3.1	U	0.24	3.1
1,4-Dioxane	76	U	0.54	76
Bromodichloromethane	3.1	U	0.76	3.1
cis-1,3-Dichloropropene	3.1	U	0.76	3.1
methyl isobutyl ketone	41		0.98	7.6
Toluene	4.8		0.76	3.1
trans-1,3-Dichloropropene	3.1	U	0.98	3.1
1,1,2-Trichloroethane	3.1	U	0.76	3.1
Tetrachloroethene	3.1	U	0.26	3.1
Methyl Butyl Ketone (2-Hexanone)	7.6	U	0.43	7.6
Dibromochloromethane	3.1	U	0.76	3.1
1,2-Dibromoethane	3.1	U	0.18	3.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 200-1086-7
Client Matrix: Air

Date Sampled: 08/10/2010 1348
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk008.d
Dilution:	15.3			Initial Weight/Volume:	58 mL
Date Analyzed:	08/25/2010 2041			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 2041			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	3.1	U	0.76	3.1
Ethylbenzene	3.1	U	0.21	3.1
m,p-Xylene	7.6	U	0.35	7.6
Xylene, o-	3.1	U	0.76	3.1
Xylene (total)	5.9		2.3	3.1
Styrene	4.1		0.76	3.1
Bromoform	3.1	U	0.76	3.1
1,1,2,2-Tetrachloroethane	3.1	U	0.76	3.1
4-Ethyltoluene	3.1	U	0.98	3.1
1,3,5-Trimethylbenzene	3.1	U	0.98	3.1
2-Chlorotoluene	3.1	U	0.98	3.1
1,2,4-Trimethylbenzene	3.1	U	0.98	3.1
1,3-Dichlorobenzene	3.1	U	0.28	3.1
1,4-Dichlorobenzene	3.1	U	0.32	3.1
1,2-Dichlorobenzene	3.1	U	0.26	3.1
1,2,4-Trichlorobenzene	7.6	U	0.49	7.6
Hexachlorobutadiene	3.1	U	0.34	3.1

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	38	U	0.91	38
1,2-Dichlorotetrafluoroethane	21	U	1.3	21
Chloromethane	16	U	0.66	16
Vinyl chloride	7.8	U	0.98	7.8
1,3-Butadiene	6.8	U	0.91	6.8
Bromomethane	12	U	0.83	12
Chloroethane	20	U	4.0	20
Bromoethene(Vinyl Bromide)	13	U	3.3	13
Trichlorofluoromethane	17	U	4.3	17
Freon TF	23	U	5.9	23
1,1-Dichloroethene	12	U	0.91	12
Acetone	180	U	36	180
Isopropyl alcohol	190	U	1.6	190
Carbon disulfide	48		2.4	24
3-Chloropropene	24	U	1.4	24
Methylene Chloride	27	U	1.6	27
tert-Butyl alcohol	230	U	4.6	230
Methyl tert-butyl ether	11	U	0.72	11
trans-1,2-Dichloroethene	12	U	3.0	12
n-Hexane	11	U	1.2	11
1,1-Dichloroethane	12	U	0.81	12
Methyl Ethyl Ketone	530		2.9	23
cis-1,2-Dichloroethene	12	U	3.0	12
1,2-Dichloroethene, Total	12	U	6.1	12
Chloroform	15	U	3.7	15
Tetrahydrofuran	1200		4.5	230
1,1,1-Trichloroethane	17	U	4.2	17

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 200-1086-7
Client Matrix: Air

Date Sampled: 08/10/2010 1348
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk008.d	
Dilution:	15.3		Initial Weight/Volume:	58	mL
Date Analyzed:	08/25/2010 2041		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2041		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	11	U	0.63	11
Carbon tetrachloride	19	U	4.8	19
2,2,4-Trimethylpentane	14	U	0.93	14
Benzene	9.8	U	2.4	9.8
1,2-Dichloroethane	12	U	0.93	12
n-Heptane	13	U	1.7	13
Trichloroethene	16	U	1.2	16
1,2-Dichloropropane	14	U	1.1	14
1,4-Dioxane	280	U	1.9	280
Bromodichloromethane	21	U	5.1	21
cis-1,3-Dichloropropene	14	U	3.5	14
methyl isobutyl ketone	170		4.0	31
Toluene	18		2.9	12
trans-1,3-Dichloropropene	14	U	4.4	14
1,1,2-Trichloroethane	17	U	4.2	17
Tetrachloroethene	21	U	1.8	21
Methyl Butyl Ketone (2-Hexanone)	31	U	1.8	31
Dibromochloromethane	26	U	6.5	26
1,2-Dibromoethane	24	U	1.4	24
Chlorobenzene	14	U	3.5	14
Ethylbenzene	13	U	0.93	13
m,p-Xylene	33	U	1.5	33
Xylene, o-	13	U	3.3	13
Xylene (total)	26		10	13
Styrene	18		3.3	13
Bromoform	32	U	7.9	32
1,1,2,2-Tetrachloroethane	21	U	5.3	21
4-Ethyltoluene	15	U	4.8	15
1,3,5-Trimethylbenzene	15	U	4.8	15
2-Chlorotoluene	16	U	5.1	16
1,2,4-Trimethylbenzene	15	U	4.8	15
1,3-Dichlorobenzene	18	U	1.7	18
1,4-Dichlorobenzene	18	U	1.9	18
1,2-Dichlorobenzene	18	U	1.6	18
1,2,4-Trichlorobenzene	57	U	3.6	57
Hexachlorobutadiene	33	U	3.6	33

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 200-1086-8
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk009.d	
Dilution:	25.3		Initial Weight/Volume:	35	mL
Date Analyzed:	08/25/2010 2132		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2132		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	13	U	0.30	13
1,2-Dichlorotetrafluoroethane	5.1	U	0.30	5.1
Chloromethane	13	U	0.53	13
Vinyl chloride	5.1	U	0.63	5.1
1,3-Butadiene	5.1	U	0.68	5.1
Bromomethane	5.1	U	0.35	5.1
Chloroethane	13	U	2.5	13
Bromoethene(Vinyl Bromide)	5.1	U	1.3	5.1
Trichlorofluoromethane	5.1	U	1.3	5.1
Freon TF	5.1	U	1.3	5.1
1,1-Dichloroethene	5.1	U	0.38	5.1
Acetone	130	U	25	130
Isopropyl alcohol	130	U	1.1	130
Carbon disulfide	13	U	1.3	13
3-Chloropropene	13	U	0.73	13
Methylene Chloride	13	U	0.76	13
tert-Butyl alcohol	130	U	2.5	130
Methyl tert-butyl ether	5.1	U	0.33	5.1
trans-1,2-Dichloroethene	5.1	U	1.3	5.1
n-Hexane	5.1	U	0.58	5.1
1,1-Dichloroethane	5.1	U	0.33	5.1
Methyl Ethyl Ketone	380		1.6	13
cis-1,2-Dichloroethene	5.1	U	1.3	5.1
1,2-Dichloroethene, Total	5.1	U	2.5	5.1
Chloroform	5.1	U	1.3	5.1
Tetrahydrofuran	770		2.5	130
1,1,1-Trichloroethane	5.1	U	1.3	5.1
Cyclohexane	5.1	U	0.30	5.1
Carbon tetrachloride	5.1	U	1.3	5.1
2,2,4-Trimethylpentane	5.1	U	0.33	5.1
Benzene	5.1	U	1.3	5.1
1,2-Dichloroethane	5.1	U	0.38	5.1
n-Heptane	5.1	U	0.68	5.1
Trichloroethene	5.1	U	0.35	5.1
1,2-Dichloropropane	5.1	U	0.40	5.1
1,4-Dioxane	130	U	0.89	130
Bromodichloromethane	5.1	U	1.3	5.1
cis-1,3-Dichloropropene	5.1	U	1.3	5.1
methyl isobutyl ketone	44		1.6	13
Toluene	5.1	U	1.3	5.1
trans-1,3-Dichloropropene	5.1	U	1.6	5.1
1,1,2-Trichloroethane	5.1	U	1.3	5.1
Tetrachloroethene	5.1	U	0.43	5.1
Methyl Butyl Ketone (2-Hexanone)	13	U	0.71	13
Dibromochloromethane	5.1	U	1.3	5.1
1,2-Dibromoethane	5.1	U	0.30	5.1

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 200-1086-8
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk009.d
Dilution:	25.3			Initial Weight/Volume:	35 mL
Date Analyzed:	08/25/2010 2132			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 2132			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	5.1	U	1.3	5.1
Ethylbenzene	5.1	U	0.35	5.1
m,p-Xylene	13	U	0.58	13
Xylene, o-	5.1	U	1.3	5.1
Xylene (total)	6.4		3.8	5.1
Styrene	9.8		1.3	5.1
Bromoform	5.1	U	1.3	5.1
1,1,2,2-Tetrachloroethane	5.1	U	1.3	5.1
4-Ethyltoluene	5.1	U	1.6	5.1
1,3,5-Trimethylbenzene	5.1	U	1.6	5.1
2-Chlorotoluene	5.1	U	1.6	5.1
1,2,4-Trimethylbenzene	5.1	U	1.6	5.1
1,3-Dichlorobenzene	5.1	U	0.46	5.1
1,4-Dichlorobenzene	5.1	U	0.53	5.1
1,2-Dichlorobenzene	5.1	U	0.43	5.1
1,2,4-Trichlorobenzene	13	U	0.81	13
Hexachlorobutadiene	5.1	U	0.56	5.1

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	63	U	1.5	63
1,2-Dichlorotetrafluoroethane	35	U	2.1	35
Chloromethane	26	U	1.1	26
Vinyl chloride	13	U	1.6	13
1,3-Butadiene	11	U	1.5	11
Bromomethane	20	U	1.4	20
Chloroethane	33	U	6.7	33
Bromoethene(Vinyl Bromide)	22	U	5.5	22
Trichlorofluoromethane	28	U	7.1	28
Freon TF	39	U	9.7	39
1,1-Dichloroethene	20	U	1.5	20
Acetone	300	U	59	300
Isopropyl alcohol	310	U	2.7	310
Carbon disulfide	39	U	3.9	39
3-Chloropropene	40	U	2.3	40
Methylene Chloride	44	U	2.6	44
tert-Butyl alcohol	380	U	7.7	380
Methyl tert-butyl ether	18	U	1.2	18
trans-1,2-Dichloroethene	20	U	5.0	20
n-Hexane	18	U	2.1	18
1,1-Dichloroethane	20	U	1.3	20
Methyl Ethyl Ketone	1100		4.8	37
cis-1,2-Dichloroethene	20	U	5.0	20
1,2-Dichloroethene, Total	20	U	10	20
Chloroform	25	U	6.2	25
Tetrahydrofuran	2300		7.5	370
1,1,1-Trichloroethane	28	U	6.9	28

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 200-1086-8
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID:	F.i	
Preparation:	Summa Canister		Lab File ID:	fdtk009.d	
Dilution:	25.3		Initial Weight/Volume:	35	mL
Date Analyzed:	08/25/2010 2132		Final Weight/Volume:	200	mL
Date Prepared:	08/25/2010 2132		Injection Volume:	200	mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	17	U	1.0	17
Carbon tetrachloride	32	U	8.0	32
2,2,4-Trimethylpentane	24	U	1.5	24
Benzene	16	U	4.0	16
1,2-Dichloroethane	20	U	1.5	20
n-Heptane	21	U	2.8	21
Trichloroethene	27	U	1.9	27
1,2-Dichloropropane	23	U	1.9	23
1,4-Dioxane	460	U	3.2	460
Bromodichloromethane	34	U	8.5	34
cis-1,3-Dichloropropene	23	U	5.7	23
methyl isobutyl ketone	180		6.6	52
Toluene	19	U	4.8	19
trans-1,3-Dichloropropene	23	U	7.3	23
1,1,2-Trichloroethane	28	U	6.9	28
Tetrachloroethene	34	U	2.9	34
Methyl Butyl Ketone (2-Hexanone)	52	U	2.9	52
Dibromochloromethane	43	U	11	43
1,2-Dibromoethane	39	U	2.3	39
Chlorobenzene	23	U	5.8	23
Ethylbenzene	22	U	1.5	22
m,p-Xylene	55	U	2.5	55
Xylene, o-	22	U	5.5	22
Xylene (total)	28		16	22
Styrene	42		5.4	22
Bromoform	52	U	13	52
1,1,2,2-Tetrachloroethane	35	U	8.7	35
4-Ethyltoluene	25	U	8.0	25
1,3,5-Trimethylbenzene	25	U	8.0	25
2-Chlorotoluene	26	U	8.4	26
1,2,4-Trimethylbenzene	25	U	8.0	25
1,3-Dichlorobenzene	30	U	2.7	30
1,4-Dichlorobenzene	30	U	3.2	30
1,2-Dichlorobenzene	30	U	2.6	30
1,2,4-Trichlorobenzene	94	U	6.0	94
Hexachlorobutadiene	54	U	5.9	54

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 200-1086-9
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk010.d
Dilution:	20		Initial Weight/Volume: 44 mL
Date Analyzed:	08/25/2010 2222		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 2222		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Dichlorodifluoromethane	10	U	0.24	10
1,2-Dichlorotetrafluoroethane	4.0	U	0.24	4.0
Chloromethane	10	U	0.42	10
Vinyl chloride	4.0	U	0.50	4.0
1,3-Butadiene	4.0	U	0.54	4.0
Bromomethane	4.0	U	0.28	4.0
Chloroethane	10	U	2.0	10
Bromoethene(Vinyl Bromide)	4.0	U	1.0	4.0
Trichlorofluoromethane	4.0	U	1.0	4.0
Freon TF	4.0	U	1.0	4.0
1,1-Dichloroethene	4.0	U	0.30	4.0
Acetone	100	U	20	100
Isopropyl alcohol	100	U	0.86	100
Carbon disulfide	17		1.0	10
3-Chloropropene	10	U	0.58	10
Methylene Chloride	10	U	0.60	10
tert-Butyl alcohol	100	U	2.0	100
Methyl tert-butyl ether	4.0	U	0.26	4.0
trans-1,2-Dichloroethene	4.0	U	1.0	4.0
n-Hexane	4.0	U	0.46	4.0
1,1-Dichloroethane	4.0	U	0.26	4.0
Methyl Ethyl Ketone	200		1.3	10
cis-1,2-Dichloroethene	4.0	U	1.0	4.0
1,2-Dichloroethene, Total	4.0	U	2.0	4.0
Chloroform	4.0	U	1.0	4.0
Tetrahydrofuran	560		2.0	100
1,1,1-Trichloroethane	4.0	U	1.0	4.0
Cyclohexane	5.2		0.24	4.0
Carbon tetrachloride	4.0	U	1.0	4.0
2,2,4-Trimethylpentane	4.0	U	0.26	4.0
Benzene	4.0	U	1.0	4.0
1,2-Dichloroethane	4.0	U	0.30	4.0
n-Heptane	4.0	U	0.54	4.0
Trichloroethene	4.0	U	0.28	4.0
1,2-Dichloropropane	4.0	U	0.32	4.0
1,4-Dioxane	100	U	0.70	100
Bromodichloromethane	4.0	U	1.0	4.0
cis-1,3-Dichloropropene	4.0	U	1.0	4.0
methyl isobutyl ketone	28		1.3	10
Toluene	4.9		1.0	4.0
trans-1,3-Dichloropropene	4.0	U	1.3	4.0
1,1,2-Trichloroethane	4.0	U	1.0	4.0
Tetrachloroethene	4.0	U	0.34	4.0
Methyl Butyl Ketone (2-Hexanone)	10	U	0.56	10
Dibromochloromethane	4.0	U	1.0	4.0
1,2-Dibromoethane	4.0	U	0.24	4.0

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 200-1086-9
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661		Instrument ID:	F.i
Preparation:	Summa Canister			Lab File ID:	fdtk010.d
Dilution:	20			Initial Weight/Volume:	44 mL
Date Analyzed:	08/25/2010 2222			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 2222			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Chlorobenzene	4.0	U	1.0	4.0
Ethylbenzene	4.0	U	0.28	4.0
m,p-Xylene	10	U	0.46	10
Xylene, o-	4.0	U	1.0	4.0
Xylene (total)	6.3		3.0	4.0
Styrene	5.8		1.0	4.0
Bromoform	4.0	U	1.0	4.0
1,1,2,2-Tetrachloroethane	4.0	U	1.0	4.0
4-Ethyltoluene	4.0	U	1.3	4.0
1,3,5-Trimethylbenzene	4.0	U	1.3	4.0
2-Chlorotoluene	4.0	U	1.3	4.0
1,2,4-Trimethylbenzene	4.0	U	1.3	4.0
1,3-Dichlorobenzene	4.0	U	0.36	4.0
1,4-Dichlorobenzene	4.0	U	0.42	4.0
1,2-Dichlorobenzene	4.0	U	0.34	4.0
1,2,4-Trichlorobenzene	10	U	0.64	10
Hexachlorobutadiene	4.0	U	0.44	4.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Dichlorodifluoromethane	49	U	1.2	49
1,2-Dichlorotetrafluoroethane	28	U	1.7	28
Chloromethane	21	U	0.87	21
Vinyl chloride	10	U	1.3	10
1,3-Butadiene	8.8	U	1.2	8.8
Bromomethane	16	U	1.1	16
Chloroethane	26	U	5.3	26
Bromoethene(Vinyl Bromide)	17	U	4.4	17
Trichlorofluoromethane	22	U	5.6	22
Freon TF	31	U	7.7	31
1,1-Dichloroethene	16	U	1.2	16
Acetone	240	U	47	240
Isopropyl alcohol	250	U	2.1	250
Carbon disulfide	52		3.1	31
3-Chloropropene	31	U	1.8	31
Methylene Chloride	35	U	2.1	35
tert-Butyl alcohol	300	U	6.1	300
Methyl tert-butyl ether	14	U	0.94	14
trans-1,2-Dichloroethene	16	U	4.0	16
n-Hexane	14	U	1.6	14
1,1-Dichloroethane	16	U	1.1	16
Methyl Ethyl Ketone	600		3.8	29
cis-1,2-Dichloroethene	16	U	4.0	16
1,2-Dichloroethene, Total	16	U	7.9	16
Chloroform	20	U	4.9	20
Tetrahydrofuran	1600		5.9	290
1,1,1-Trichloroethane	22	U	5.5	22

Client: AKRF Inc

Job Number: 200-1086-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 200-1086-9
Client Matrix: Air

Date Sampled: 08/10/2010 1349
Date Received: 08/12/2010 0820

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-5661	Instrument ID: F.i
Preparation:	Summa Canister		Lab File ID: fdtk010.d
Dilution:	20		Initial Weight/Volume: 44 mL
Date Analyzed:	08/25/2010 2222		Final Weight/Volume: 200 mL
Date Prepared:	08/25/2010 2222		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Cyclohexane	18		0.83	14
Carbon tetrachloride	25	U	6.3	25
2,2,4-Trimethylpentane	19	U	1.2	19
Benzene	13	U	3.2	13
1,2-Dichloroethane	16	U	1.2	16
n-Heptane	16	U	2.2	16
Trichloroethene	21	U	1.5	21
1,2-Dichloropropane	18	U	1.5	18
1,4-Dioxane	360	U	2.5	360
Bromodichloromethane	27	U	6.7	27
cis-1,3-Dichloropropene	18	U	4.5	18
methyl isobutyl ketone	120		5.2	41
Toluene	18		3.8	15
trans-1,3-Dichloropropene	18	U	5.8	18
1,1,2-Trichloroethane	22	U	5.5	22
Tetrachloroethene	27	U	2.3	27
Methyl Butyl Ketone (2-Hexanone)	41	U	2.3	41
Dibromochloromethane	34	U	8.5	34
1,2-Dibromoethane	31	U	1.8	31
Chlorobenzene	18	U	4.6	18
Ethylbenzene	17	U	1.2	17
m,p-Xylene	43	U	2.0	43
Xylene, o-	17	U	4.3	17
Xylene (total)	27		13	17
Styrene	25		4.3	17
Bromoform	41	U	10	41
1,1,2,2-Tetrachloroethane	27	U	6.9	27
4-Ethyltoluene	20	U	6.3	20
1,3,5-Trimethylbenzene	20	U	6.3	20
2-Chlorotoluene	21	U	6.6	21
1,2,4-Trimethylbenzene	20	U	6.3	20
1,3-Dichlorobenzene	24	U	2.2	24
1,4-Dichlorobenzene	24	U	2.5	24
1,2-Dichlorobenzene	24	U	2.0	24
1,2,4-Trichlorobenzene	74	U	4.7	74
Hexachlorobutadiene	43	U	4.7	43

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5588/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1825
Date Prepared: 08/24/2010 1825

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtj004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.50	U	0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.20	U	0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	5.0	U	0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	0.50	U	0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	0.50	U	0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	5.0	U	0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.20	U	0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.20	U	0.013	0.20
Benzene	0.20	U	0.050	0.20
1,2-Dichloroethane	0.20	U	0.015	0.20
n-Heptane	0.20	U	0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	0.50	U	0.064	0.50
Toluene	0.20	U	0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5588/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1825
Date Prepared: 08/24/2010 1825

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtj004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	0.20	U	0.014	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.050	0.20
Xylene (total)	0.20	U	0.15	0.20
Styrene	0.20	U	0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20	U	0.064	0.20
1,3,5-Trimethylbenzene	0.20	U	0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.20	U	0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	0.20	U	0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5588/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1825
Date Prepared: 08/24/2010 1825

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ug/m3

Instrument ID: F.i
Lab File ID: fdtj004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.0	U	0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.1	U	0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	12	U	2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	1.6	U	0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	0.70	U	0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	1.5	U	0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	15	U	0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1
Cyclohexane	0.69	U	0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	0.93	U	0.061	0.93
Benzene	0.64	U	0.16	0.64
1,2-Dichloroethane	0.81	U	0.061	0.81
n-Heptane	0.82	U	0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	2.0	U	0.26	2.0
Toluene	0.75	U	0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-5588/3	Analysis Batch:	200-5588	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtj004.d
Dilution:	1.0	Units:	ug/m3	Initial Weight/Volume:	200 mL
Date Analyzed:	08/24/2010 1825			Final Weight/Volume:	200 mL
Date Prepared:	08/24/2010 1825			Injection Volume:	200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	0.87	U	0.061	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.22	0.87
Xylene (total)	0.87	U	0.65	0.87
Styrene	0.85	U	0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98	U	0.31	0.98
1,3,5-Trimethylbenzene	0.98	U	0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	0.98	U	0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	1.2	U	0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-5588/2
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/24/2010 1734
Date Prepared: 08/24/2010 1734

Analysis Batch: 200-5588
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtj003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.51	95	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.00	90	70 - 130	
Chloromethane	10.0	8.87	89	70 - 130	
Vinyl chloride	10.0	9.61	96	70 - 130	
1,3-Butadiene	10.0	9.72	97	70 - 130	
Bromomethane	10.0	9.22	92	70 - 130	
Chloroethane	10.0	9.28	93	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.1	101	70 - 130	
Trichlorofluoromethane	10.0	9.43	94	70 - 130	
Freon TF	10.0	10.8	108	70 - 130	
1,1-Dichloroethene	10.0	11.4	114	70 - 130	
Acetone	10.0	8.88	89	70 - 130	
Isopropyl alcohol	10.0	8.86	89	70 - 130	
Carbon disulfide	10.0	9.95	100	70 - 130	
3-Chloropropene	10.0	8.76	88	70 - 130	
Methylene Chloride	10.0	9.61	96	70 - 130	
tert-Butyl alcohol	10.0	8.94	89	70 - 130	
Methyl tert-butyl ether	10.0	9.73	97	70 - 130	
trans-1,2-Dichloroethene	10.0	9.36	94	70 - 130	
n-Hexane	10.0	9.41	94	70 - 130	
1,1-Dichloroethane	10.0	9.53	95	70 - 130	
Methyl Ethyl Ketone	10.0	9.83	98	70 - 130	
cis-1,2-Dichloroethene	10.0	10.8	108	70 - 130	
Chloroform	10.0	9.59	96	70 - 130	
Tetrahydrofuran	10.0	9.79	98	70 - 130	
1,1,1-Trichloroethane	10.0	9.53	95	70 - 130	
Cyclohexane	10.0	10.1	101	70 - 130	
Carbon tetrachloride	10.0	9.64	96	70 - 130	
2,2,4-Trimethylpentane	10.0	9.49	95	70 - 130	
Benzene	10.0	9.06	91	70 - 130	
1,2-Dichloroethane	10.0	9.14	91	70 - 130	
n-Heptane	10.0	9.11	91	70 - 130	
Trichloroethene	10.0	9.74	97	70 - 130	
1,2-Dichloropropane	10.0	9.25	93	70 - 130	
1,4-Dioxane	10.0	9.77	98	70 - 130	
Bromodichloromethane	10.0	10.4	104	70 - 130	
cis-1,3-Dichloropropene	10.0	9.44	94	70 - 130	
methyl isobutyl ketone	10.0	9.61	96	70 - 130	
Toluene	10.0	9.94	99	70 - 130	
trans-1,3-Dichloropropene	10.0	9.19	92	70 - 130	
1,1,2-Trichloroethane	10.0	9.62	96	70 - 130	
Tetrachloroethene	10.0	9.44	94	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70 - 130	
Dibromochloromethane	10.0	10.6	106	70 - 130	

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5588

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-5588/2	Analysis Batch:	200-5588	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtj003.d
Dilution:	1.0	Units:	ppb v/v	Initial Weight/Volume:	200 mL
Date Analyzed:	08/24/2010 1734			Final Weight/Volume:	200 mL
Date Prepared:	08/24/2010 1734			Injection Volume:	200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromoethane	10.0	10.0	100	70 - 130	
Chlorobenzene	10.0	9.47	95	70 - 130	
Ethylbenzene	10.0	9.79	98	70 - 130	
m,p-Xylene	20.0	19.5	98	70 - 130	
Xylene, o-	10.0	9.54	95	70 - 130	
Styrene	10.0	10.1	101	70 - 130	
Bromoform	10.0	9.57	96	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.27	93	70 - 130	
4-Ethyltoluene	10.0	9.68	97	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.46	95	70 - 130	
2-Chlorotoluene	10.0	9.66	97	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.24	92	70 - 130	
1,3-Dichlorobenzene	10.0	8.66	87	70 - 130	
1,4-Dichlorobenzene	10.0	8.60	86	70 - 130	
1,2-Dichlorobenzene	10.0	8.63	86	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.56	76	70 - 130	
Hexachlorobutadiene	10.0	7.34	73	70 - 130	

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-5661/4	Analysis Batch:	200-5661	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtk004.d
Dilution:	1.0	Units:	ppb v/v	Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1717			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1717			Injection Volume:	200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.50	U	0.012	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.012	0.20
Chloromethane	0.50	U	0.021	0.50
Vinyl chloride	0.20	U	0.025	0.20
1,3-Butadiene	0.20	U	0.027	0.20
Bromomethane	0.20	U	0.014	0.20
Chloroethane	0.50	U	0.10	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.050	0.20
Trichlorofluoromethane	0.20	U	0.050	0.20
Freon TF	0.20	U	0.050	0.20
1,1-Dichloroethene	0.20	U	0.015	0.20
Acetone	5.0	U	0.99	5.0
Isopropyl alcohol	5.0	U	0.043	5.0
Carbon disulfide	0.50	U	0.050	0.50
3-Chloropropene	0.50	U	0.029	0.50
Methylene Chloride	0.50	U	0.030	0.50
tert-Butyl alcohol	5.0	U	0.10	5.0
Methyl tert-butyl ether	0.20	U	0.013	0.20
trans-1,2-Dichloroethene	0.20	U	0.050	0.20
n-Hexane	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.013	0.20
Methyl Ethyl Ketone	0.50	U	0.064	0.50
cis-1,2-Dichloroethene	0.20	U	0.050	0.20
1,2-Dichloroethene, Total	0.20	U	0.10	0.20
Chloroform	0.20	U	0.050	0.20
Tetrahydrofuran	5.0	U	0.10	5.0
1,1,1-Trichloroethane	0.20	U	0.050	0.20
Cyclohexane	0.20	U	0.012	0.20
Carbon tetrachloride	0.20	U	0.050	0.20
2,2,4-Trimethylpentane	0.20	U	0.013	0.20
Benzene	0.20	U	0.050	0.20
1,2-Dichloroethane	0.20	U	0.015	0.20
n-Heptane	0.20	U	0.027	0.20
Trichloroethene	0.20	U	0.014	0.20
1,2-Dichloropropane	0.20	U	0.016	0.20
1,4-Dioxane	5.0	U	0.035	5.0
Bromodichloromethane	0.20	U	0.050	0.20
cis-1,3-Dichloropropene	0.20	U	0.050	0.20
methyl isobutyl ketone	0.50	U	0.064	0.50
Toluene	0.20	U	0.050	0.20
trans-1,3-Dichloropropene	0.20	U	0.064	0.20
1,1,2-Trichloroethane	0.20	U	0.050	0.20
Tetrachloroethene	0.20	U	0.017	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5661/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/25/2010 1717
Date Prepared: 08/25/2010 1717

Analysis Batch: 200-5661
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtk004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.028	0.50
Dibromochloromethane	0.20	U	0.050	0.20
1,2-Dibromoethane	0.20	U	0.012	0.20
Chlorobenzene	0.20	U	0.050	0.20
Ethylbenzene	0.20	U	0.014	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.050	0.20
Xylene (total)	0.20	U	0.15	0.20
Styrene	0.20	U	0.050	0.20
Bromoform	0.20	U	0.050	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.050	0.20
4-Ethyltoluene	0.20	U	0.064	0.20
1,3,5-Trimethylbenzene	0.20	U	0.064	0.20
2-Chlorotoluene	0.20	U	0.064	0.20
1,2,4-Trimethylbenzene	0.20	U	0.064	0.20
1,3-Dichlorobenzene	0.20	U	0.018	0.20
1,4-Dichlorobenzene	0.20	U	0.021	0.20
1,2-Dichlorobenzene	0.20	U	0.017	0.20
1,2,4-Trichlorobenzene	0.50	U	0.032	0.50
Hexachlorobutadiene	0.20	U	0.022	0.20

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-5661/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/25/2010 1717
Date Prepared: 08/25/2010 1717

Analysis Batch: 200-5661
Prep Batch: N/A
Units: ug/m3

Instrument ID: F.i
Lab File ID: fdtk004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	2.5	U	0.059	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	0.084	1.4
Chloromethane	1.0	U	0.043	1.0
Vinyl chloride	0.51	U	0.064	0.51
1,3-Butadiene	0.44	U	0.060	0.44
Bromomethane	0.78	U	0.054	0.78
Chloroethane	1.3	U	0.26	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.22	0.87
Trichlorofluoromethane	1.1	U	0.28	1.1
Freon TF	1.5	U	0.38	1.5
1,1-Dichloroethene	0.79	U	0.059	0.79
Acetone	12	U	2.4	12
Isopropyl alcohol	12	U	0.11	12
Carbon disulfide	1.6	U	0.16	1.6
3-Chloropropene	1.6	U	0.091	1.6
Methylene Chloride	1.7	U	0.10	1.7
tert-Butyl alcohol	15	U	0.30	15
Methyl tert-butyl ether	0.72	U	0.047	0.72
trans-1,2-Dichloroethene	0.79	U	0.20	0.79
n-Hexane	0.70	U	0.081	0.70
1,1-Dichloroethane	0.81	U	0.053	0.81
Methyl Ethyl Ketone	1.5	U	0.19	1.5
cis-1,2-Dichloroethene	0.79	U	0.20	0.79
1,2-Dichloroethene, Total	0.79	U	0.40	0.79
Chloroform	0.98	U	0.24	0.98
Tetrahydrofuran	15	U	0.29	15
1,1,1-Trichloroethane	1.1	U	0.27	1.1
Cyclohexane	0.69	U	0.041	0.69
Carbon tetrachloride	1.3	U	0.31	1.3
2,2,4-Trimethylpentane	0.93	U	0.061	0.93
Benzene	0.64	U	0.16	0.64
1,2-Dichloroethane	0.81	U	0.061	0.81
n-Heptane	0.82	U	0.11	0.82
Trichloroethene	1.1	U	0.075	1.1
1,2-Dichloropropane	0.92	U	0.074	0.92
1,4-Dioxane	18	U	0.13	18
Bromodichloromethane	1.3	U	0.34	1.3
cis-1,3-Dichloropropene	0.91	U	0.23	0.91
methyl isobutyl ketone	2.0	U	0.26	2.0
Toluene	0.75	U	0.19	0.75
trans-1,3-Dichloropropene	0.91	U	0.29	0.91
1,1,2-Trichloroethane	1.1	U	0.27	1.1
Tetrachloroethene	1.4	U	0.12	1.4

Client: AKRF Inc

Job Number: 200-1086-1

Method Blank - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	MB 200-5661/4	Analysis Batch:	200-5661	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtk004.d
Dilution:	1.0	Units:	ug/m3	Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1717			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1717			Injection Volume:	200 mL

Analyte	Result	Qual	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.11	2.0
Dibromochloromethane	1.7	U	0.43	1.7
1,2-Dibromoethane	1.5	U	0.092	1.5
Chlorobenzene	0.92	U	0.23	0.92
Ethylbenzene	0.87	U	0.061	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.22	0.87
Xylene (total)	0.87	U	0.65	0.87
Styrene	0.85	U	0.21	0.85
Bromoform	2.1	U	0.52	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.34	1.4
4-Ethyltoluene	0.98	U	0.31	0.98
1,3,5-Trimethylbenzene	0.98	U	0.31	0.98
2-Chlorotoluene	1.0	U	0.33	1.0
1,2,4-Trimethylbenzene	0.98	U	0.31	0.98
1,3-Dichlorobenzene	1.2	U	0.11	1.2
1,4-Dichlorobenzene	1.2	U	0.13	1.2
1,2-Dichlorobenzene	1.2	U	0.10	1.2
1,2,4-Trichlorobenzene	3.7	U	0.24	3.7
Hexachlorobutadiene	2.1	U	0.23	2.1

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID:	LCS 200-5661/3	Analysis Batch:	200-5661	Instrument ID:	F.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	fdtk003.d
Dilution:	1.0	Units:	ppb v/v	Initial Weight/Volume:	200 mL
Date Analyzed:	08/25/2010 1627			Final Weight/Volume:	200 mL
Date Prepared:	08/25/2010 1627			Injection Volume:	200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.92	99	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.81	98	70 - 130	
Chloromethane	10.0	8.74	87	70 - 130	
Vinyl chloride	10.0	9.59	96	70 - 130	
1,3-Butadiene	10.0	9.61	96	70 - 130	
Bromomethane	10.0	9.12	91	70 - 130	
Chloroethane	10.0	9.26	93	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	9.89	99	70 - 130	
Trichlorofluoromethane	10.0	9.32	93	70 - 130	
Freon TF	10.0	10.9	109	70 - 130	
1,1-Dichloroethene	10.0	11.4	114	70 - 130	
Acetone	10.0	8.71	87	70 - 130	
Isopropyl alcohol	10.0	8.58	86	70 - 130	
Carbon disulfide	10.0	9.86	99	70 - 130	
3-Chloropropene	10.0	8.76	88	70 - 130	
Methylene Chloride	10.0	9.38	94	70 - 130	
tert-Butyl alcohol	10.0	8.80	88	70 - 130	
Methyl tert-butyl ether	10.0	9.69	97	70 - 130	
trans-1,2-Dichloroethene	10.0	9.32	93	70 - 130	
n-Hexane	10.0	9.28	93	70 - 130	
1,1-Dichloroethane	10.0	9.50	95	70 - 130	
Methyl Ethyl Ketone	10.0	9.75	98	70 - 130	
cis-1,2-Dichloroethene	10.0	10.9	109	70 - 130	
Chloroform	10.0	9.58	96	70 - 130	
Tetrahydrofuran	10.0	9.68	97	70 - 130	
1,1,1-Trichloroethane	10.0	9.51	95	70 - 130	
Cyclohexane	10.0	10.0	100	70 - 130	
Carbon tetrachloride	10.0	9.72	97	70 - 130	
2,2,4-Trimethylpentane	10.0	9.37	94	70 - 130	
Benzene	10.0	9.01	90	70 - 130	
1,2-Dichloroethane	10.0	9.02	90	70 - 130	
n-Heptane	10.0	9.00	90	70 - 130	
Trichloroethene	10.0	9.70	97	70 - 130	
1,2-Dichloropropane	10.0	9.14	91	70 - 130	
1,4-Dioxane	10.0	9.67	97	70 - 130	
Bromodichloromethane	10.0	10.4	104	70 - 130	
cis-1,3-Dichloropropene	10.0	9.24	92	70 - 130	
methyl isobutyl ketone	10.0	9.42	94	70 - 130	
Toluene	10.0	10.0	100	70 - 130	
trans-1,3-Dichloropropene	10.0	9.08	91	70 - 130	
1,1,2-Trichloroethane	10.0	9.66	97	70 - 130	
Tetrachloroethene	10.0	9.54	95	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70 - 130	
Dibromochloromethane	10.0	10.7	107	70 - 130	

Client: AKRF Inc

Job Number: 200-1086-1

Lab Control Sample - Batch: 200-5661

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-5661/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 08/25/2010 1627
Date Prepared: 08/25/2010 1627

Analysis Batch: 200-5661
Prep Batch: N/A
Units: ppb v/v

Instrument ID: F.i
Lab File ID: fdtk003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromoethane	10.0	10.1	101	70 - 130	
Chlorobenzene	10.0	9.65	97	70 - 130	
Ethylbenzene	10.0	9.87	99	70 - 130	
m,p-Xylene	20.0	19.8	99	70 - 130	
Xylene, o-	10.0	9.78	98	70 - 130	
Styrene	10.0	10.4	104	70 - 130	
Bromoform	10.0	10.1	101	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.42	94	70 - 130	
4-Ethyltoluene	10.0	10.0	100	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.71	97	70 - 130	
2-Chlorotoluene	10.0	9.86	99	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.44	94	70 - 130	
1,3-Dichlorobenzene	10.0	9.03	90	70 - 130	
1,4-Dichlorobenzene	10.0	8.91	89	70 - 130	
1,2-Dichlorobenzene	10.0	8.75	88	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.87	79	70 - 130	
Hexachlorobutadiene	10.0	7.81	78	70 - 130	

DATA REPORTING QUALIFIERS

Client: AKRF Inc

Job Number: 200-1086-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: AKRF Inc

Job Number: 200-1086-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-5588					
LCS 200-5588/2	Lab Control Sample	T	Air	TO-15	
MB 200-5588/3	Method Blank	T	Air	TO-15	
200-1086-1	CE-AA	T	Air	TO-15	
200-1086-2	CE-VAPOR-1	T	Air	TO-15	
200-1086-3	CE-VAPOR-2	T	Air	TO-15	
200-1086-4	CE-VAPOR-3	T	Air	TO-15	
Analysis Batch:200-5661					
LCS 200-5661/3	Lab Control Sample	T	Air	TO-15	
MB 200-5661/4	Method Blank	T	Air	TO-15	
200-1086-5	CE-VAPOR-4	T	Air	TO-15	
200-1086-6	CE-VAPOR-5	T	Air	TO-15	
200-1086-7	CE-VAPOR-6	T	Air	TO-15	
200-1086-8	CE-VAPOR-7	T	Air	TO-15	
200-1086-9	CE-VAPOR-8	T	Air	TO-15	

Report Basis
T = Total

Client: AKRF Inc

Job Number: 200-1086-1

Laboratory Chronicle

Lab ID: 200-1086-1 **Client ID:** CE-AA

Sample Date/Time: 08/10/2010 14:03 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-1		200-5588		08/25/2010 08:54	1	TAL BUR	WRD
A:TO-15	200-1086-A-1		200-5588		08/25/2010 08:54	1	TAL BUR	WRD

Lab ID: 200-1086-2 **Client ID:** CE-VAPOR-1

Sample Date/Time: 08/10/2010 13:57 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-2		200-5588		08/25/2010 09:45	5	TAL BUR	WRD
A:TO-15	200-1086-A-2		200-5588		08/25/2010 09:45	5	TAL BUR	WRD

Lab ID: 200-1086-3 **Client ID:** CE-VAPOR-2

Sample Date/Time: 08/10/2010 13:57 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-3		200-5588		08/25/2010 10:36	5	TAL BUR	WRD
A:TO-15	200-1086-A-3		200-5588		08/25/2010 10:36	5	TAL BUR	WRD

Lab ID: 200-1086-4 **Client ID:** CE-VAPOR-3

Sample Date/Time: 08/10/2010 13:57 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-4		200-5588		08/25/2010 13:09	5	TAL BUR	WRD
A:TO-15	200-1086-A-4		200-5588		08/25/2010 13:09	5	TAL BUR	WRD

Lab ID: 200-1086-5 **Client ID:** CE-VAPOR-4

Sample Date/Time: 08/10/2010 13:56 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-5		200-5661		08/25/2010 18:59	5	TAL BUR	WRD
A:TO-15	200-1086-A-5		200-5661		08/25/2010 18:59	5	TAL BUR	WRD

Client: AKRF Inc

Job Number: 200-1086-1

Laboratory Chronicle

Lab ID: 200-1086-6 **Client ID:** CE-VAPOR-5

Sample Date/Time: 08/10/2010 13:47 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-6		200-5661		08/25/2010 19:50	1	TAL BUR	WRD
A:TO-15	200-1086-A-6		200-5661		08/25/2010 19:50	1	TAL BUR	WRD

Lab ID: 200-1086-7 **Client ID:** CE-VAPOR-6

Sample Date/Time: 08/10/2010 13:48 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-7		200-5661		08/25/2010 20:41	15.3	TAL BUR	WRD
A:TO-15	200-1086-A-7		200-5661		08/25/2010 20:41	15.3	TAL BUR	WRD

Lab ID: 200-1086-8 **Client ID:** CE-VAPOR-7

Sample Date/Time: 08/10/2010 13:49 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-8		200-5661		08/25/2010 21:32	25.3	TAL BUR	WRD
A:TO-15	200-1086-A-8		200-5661		08/25/2010 21:32	25.3	TAL BUR	WRD

Lab ID: 200-1086-9 **Client ID:** CE-VAPOR-8

Sample Date/Time: 08/10/2010 13:49 Received Date/Time: 08/12/2010 08:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-1086-A-9		200-5661		08/25/2010 22:22	20	TAL BUR	WRD
A:TO-15	200-1086-A-9		200-5661		08/25/2010 22:22	20	TAL BUR	WRD

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-5588/3		200-5588		08/24/2010 18:25	1	TAL BUR	WRD
A:TO-15	MB 200-5588/3		200-5588		08/24/2010 18:25	1	TAL BUR	WRD
P:Summa Canister	MB 200-5661/4		200-5661		08/25/2010 17:17	1	TAL BUR	WRD
A:TO-15	MB 200-5661/4		200-5661		08/25/2010 17:17	1	TAL BUR	WRD

Client: AKRF Inc

Job Number: 200-1086-1

Laboratory Chronicle

Lab ID: **LCS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-5588/2		200-5588		08/24/2010 17:34	1	TAL BUR	WRD
A:TO-15	LCS 200-5588/2		200-5588		08/24/2010 17:34	1	TAL BUR	WRD
P:Summa Canister	LCS 200-5661/3		200-5661		08/25/2010 16:27	1	TAL BUR	WRD
A:TO-15	LCS 200-5661/3		200-5661		08/25/2010 16:27	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Method TO15

Volatile Organic Compounds (GC/MS)
by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtj003.d

Lab ID: LCS 200-5588/2 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.51	95	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.00	90	70-130	
Chloromethane	10.0	8.87	89	70-130	
Vinyl chloride	10.0	9.61	96	70-130	
1,3-Butadiene	10.0	9.72	97	70-130	
Bromomethane	10.0	9.22	92	70-130	
Chloroethane	10.0	9.28	93	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.1	101	70-130	
Trichlorofluoromethane	10.0	9.43	94	70-130	
Freon TF	10.0	10.8	108	70-130	
1,1-Dichloroethene	10.0	11.4	114	70-130	
Acetone	10.0	8.88	89	70-130	
Isopropyl alcohol	10.0	8.86	89	70-130	
Carbon disulfide	10.0	9.95	100	70-130	
3-Chloropropene	10.0	8.76	88	70-130	
Methylene Chloride	10.0	9.61	96	70-130	
tert-Butyl alcohol	10.0	8.94	89	70-130	
Methyl tert-butyl ether	10.0	9.73	97	70-130	
trans-1,2-Dichloroethene	10.0	9.36	94	70-130	
n-Hexane	10.0	9.41	94	70-130	
1,1-Dichloroethane	10.0	9.53	95	70-130	
Methyl Ethyl Ketone	10.0	9.83	98	70-130	
cis-1,2-Dichloroethene	10.0	10.8	108	70-130	
Chloroform	10.0	9.59	96	70-130	
Tetrahydrofuran	10.0	9.79	98	70-130	
1,1,1-Trichloroethane	10.0	9.53	95	70-130	
Cyclohexane	10.0	10.1	101	70-130	
Carbon tetrachloride	10.0	9.64	96	70-130	
2,2,4-Trimethylpentane	10.0	9.49	95	70-130	
Benzene	10.0	9.06	91	70-130	
1,2-Dichloroethane	10.0	9.14	91	70-130	
n-Heptane	10.0	9.11	91	70-130	
Trichloroethene	10.0	9.74	97	70-130	
1,2-Dichloropropane	10.0	9.25	93	70-130	
1,4-Dioxane	10.0	9.77	98	70-130	
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.44	94	70-130	
methyl isobutyl ketone	10.0	9.61	96	70-130	
Toluene	10.0	9.94	99	70-130	
trans-1,3-Dichloropropene	10.0	9.19	92	70-130	
1,1,2-Trichloroethane	10.0	9.62	96	70-130	
Tetrachloroethene	10.0	9.44	94	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtj003.d

Lab ID: LCS 200-5588/2 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70-130	
Dibromochloromethane	10.0	10.6	106	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Chlorobenzene	10.0	9.47	95	70-130	
Ethylbenzene	10.0	9.79	98	70-130	
m,p-Xylene	20.0	19.5	98	70-130	
Xylene, o-	10.0	9.54	95	70-130	
Styrene	10.0	10.1	101	70-130	
Bromoform	10.0	9.57	96	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.27	93	70-130	
4-Ethyltoluene	10.0	9.68	97	70-130	
1,3,5-Trimethylbenzene	10.0	9.46	95	70-130	
2-Chlorotoluene	10.0	9.66	97	70-130	
1,2,4-Trimethylbenzene	10.0	9.24	92	70-130	
1,3-Dichlorobenzene	10.0	8.66	87	70-130	
1,4-Dichlorobenzene	10.0	8.60	86	70-130	
1,2-Dichlorobenzene	10.0	8.63	86	70-130	
1,2,4-Trichlorobenzene	10.0	7.56	76	70-130	
Hexachlorobutadiene	10.0	7.34	73	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtk003.d

Lab ID: LCS 200-5661/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.92	99	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.81	98	70-130	
Chloromethane	10.0	8.74	87	70-130	
Vinyl chloride	10.0	9.59	96	70-130	
1,3-Butadiene	10.0	9.61	96	70-130	
Bromomethane	10.0	9.12	91	70-130	
Chloroethane	10.0	9.26	93	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.89	99	70-130	
Trichlorofluoromethane	10.0	9.32	93	70-130	
Freon TF	10.0	10.9	109	70-130	
1,1-Dichloroethene	10.0	11.4	114	70-130	
Acetone	10.0	8.71	87	70-130	
Isopropyl alcohol	10.0	8.58	86	70-130	
Carbon disulfide	10.0	9.86	99	70-130	
3-Chloropropene	10.0	8.76	88	70-130	
Methylene Chloride	10.0	9.38	94	70-130	
tert-Butyl alcohol	10.0	8.80	88	70-130	
Methyl tert-butyl ether	10.0	9.69	97	70-130	
trans-1,2-Dichloroethene	10.0	9.32	93	70-130	
n-Hexane	10.0	9.28	93	70-130	
1,1-Dichloroethane	10.0	9.50	95	70-130	
Methyl Ethyl Ketone	10.0	9.75	98	70-130	
cis-1,2-Dichloroethene	10.0	10.9	109	70-130	
Chloroform	10.0	9.58	96	70-130	
Tetrahydrofuran	10.0	9.68	97	70-130	
1,1,1-Trichloroethane	10.0	9.51	95	70-130	
Cyclohexane	10.0	10.0	100	70-130	
Carbon tetrachloride	10.0	9.72	97	70-130	
2,2,4-Trimethylpentane	10.0	9.37	94	70-130	
Benzene	10.0	9.01	90	70-130	
1,2-Dichloroethane	10.0	9.02	90	70-130	
n-Heptane	10.0	9.00	90	70-130	
Trichloroethene	10.0	9.70	97	70-130	
1,2-Dichloropropane	10.0	9.14	91	70-130	
1,4-Dioxane	10.0	9.67	97	70-130	
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.24	92	70-130	
methyl isobutyl ketone	10.0	9.42	94	70-130	
Toluene	10.0	10.0	100	70-130	
trans-1,3-Dichloropropene	10.0	9.08	91	70-130	
1,1,2-Trichloroethane	10.0	9.66	97	70-130	
Tetrachloroethene	10.0	9.54	95	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Matrix: Air Level: Low Lab File ID: fdtk003.d

Lab ID: LCS 200-5661/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	10.2	102	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	10.1	101	70-130	
Chlorobenzene	10.0	9.65	97	70-130	
Ethylbenzene	10.0	9.87	99	70-130	
m,p-Xylene	20.0	19.8	99	70-130	
Xylene, o-	10.0	9.78	98	70-130	
Styrene	10.0	10.4	104	70-130	
Bromoform	10.0	10.1	101	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.42	94	70-130	
4-Ethyltoluene	10.0	10.0	100	70-130	
1,3,5-Trimethylbenzene	10.0	9.71	97	70-130	
2-Chlorotoluene	10.0	9.86	99	70-130	
1,2,4-Trimethylbenzene	10.0	9.44	94	70-130	
1,3-Dichlorobenzene	10.0	9.03	90	70-130	
1,4-Dichlorobenzene	10.0	8.91	89	70-130	
1,2-Dichlorobenzene	10.0	8.75	88	70-130	
1,2,4-Trichlorobenzene	10.0	7.87	79	70-130	
Hexachlorobutadiene	10.0	7.81	78	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtj004.d Lab Sample ID: MB 200-5588/3

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: F.i Date Analyzed: 08/24/2010 18:25

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-5588/2	fdtj003.d	08/24/2010 17:34
CE-AA	200-1086-1	fdtj021.d	08/25/2010 08:54
CE-VAPOR-1	200-1086-2	fdtj022.d	08/25/2010 09:45
CE-VAPOR-2	200-1086-3	fdtj023.d	08/25/2010 10:36
CE-VAPOR-3	200-1086-4	fdtj026.d	08/25/2010 13:09

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtk004.d Lab Sample ID: MB 200-5661/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: F.i Date Analyzed: 08/25/2010 17:17

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-5661/3	fdtk003.d	08/25/2010 16:27
CE-VAPOR-4	200-1086-5	fdtk006.d	08/25/2010 18:59
CE-VAPOR-5	200-1086-6	fdtk007.d	08/25/2010 19:50
CE-VAPOR-6	200-1086-7	fdtk008.d	08/25/2010 20:41
CE-VAPOR-7	200-1086-8	fdtk009.d	08/25/2010 21:32
CE-VAPOR-8	200-1086-9	fdtk010.d	08/25/2010 22:22

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdt001.d BFB Injection Date: 08/12/2010

Instrument ID: F.i BFB Injection Time: 16:52

Analysis Batch No.: 5141

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.1	
75	30.0 - 66.0% of mass 95	44.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.4	(0.6)1
174	50.0 - 120.0% of mass 95	72.2	
175	4.0 - 9.0 % of mass 174	5.0	(6.9)1
176	93.0 - 101.0% of mass 174	69.7	(96.5)1
177	5.0 - 9.0% of mass 176	4.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-5141/3	fdt003.d	08/12/2010	19:27
	IC 200-5141/4	fdt004.d	08/12/2010	20:19
	IC 200-5141/5	fdt005.d	08/12/2010	21:09
	ICIS 200-5141/6	fdt006.d	08/12/2010	22:01
	IC 200-5141/7	fdt007.d	08/12/2010	22:51
	IC 200-5141/8	fdt008.d	08/12/2010	23:42
	IC 200-5141/9	fdt009.d	08/13/2010	00:33
	ICV 200-5141/11	fdt011.d	08/13/2010	02:15

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtj001.d BFB Injection Date: 08/24/2010

Instrument ID: F.i BFB Injection Time: 15:53

Analysis Batch No.: 5588

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.6	
75	30.0 - 66.0% of mass 95	44.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.4	(0.6)1
174	50.0 - 120.0% of mass 95	64.3	
175	4.0 - 9.0 % of mass 174	4.3	(6.7)1
176	93.0 - 101.0% of mass 174	61.9	(96.3)1
177	5.0 - 9.0% of mass 176	4.0	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-5588/26	fdtj002.d	08/24/2010	16:43
	LCS 200-5588/2	fdtj003.d	08/24/2010	17:34
	MB 200-5588/3	fdtj004.d	08/24/2010	18:25
CE-AA	200-1086-1	fdtj021.d	08/25/2010	08:54
CE-VAPOR-1	200-1086-2	fdtj022.d	08/25/2010	09:45
CE-VAPOR-2	200-1086-3	fdtj023.d	08/25/2010	10:36
CE-VAPOR-3	200-1086-4	fdtj026.d	08/25/2010	13:09

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab File ID: fdtk001.d BFB Injection Date: 08/25/2010

Instrument ID: F.i BFB Injection Time: 14:49

Analysis Batch No.: 5661

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.7	
75	30.0 - 66.0% of mass 95	43.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.4	(0.5)1
174	50.0 - 120.0% of mass 95	69.9	
175	4.0 - 9.0 % of mass 174	4.8	(6.9)1
176	93.0 - 101.0% of mass 174	67.3	(96.3)1
177	5.0 - 9.0% of mass 176	4.3	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-5661/2	fdtk002.d	08/25/2010	15:36
	LCS 200-5661/3	fdtk003.d	08/25/2010	16:27
	MB 200-5661/4	fdtk004.d	08/25/2010	17:17
CE-VAPOR-4	200-1086-5	fdtk006.d	08/25/2010	18:59
CE-VAPOR-5	200-1086-6	fdtk007.d	08/25/2010	19:50
CE-VAPOR-6	200-1086-7	fdtk008.d	08/25/2010	20:41
CE-VAPOR-7	200-1086-8	fdtk009.d	08/25/2010	21:32
CE-VAPOR-8	200-1086-9	fdtk010.d	08/25/2010	22:22

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Sample No.: ICIS 200-5141/6 Date Analyzed: 08/12/2010 22:01

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): fdt006.d Heated Purge: (Y/N) N

Calibration ID: 1849

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		355666	9.58	1768833	10.97	1758871	15.08
UPPER LIMIT		497932	9.91	2476366	11.30	2462419	15.41
LOWER LIMIT		213400	9.25	1061300	10.64	1055323	14.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-5141/11		424799	9.58	1992538	10.97	1732704	15.08

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Sample No.: CCVIS 200-5588/26 Date Analyzed: 08/24/2010 16:43

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): fdtj002.d Heated Purge: (Y/N) N

Calibration ID: 1849

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		478642	9.57	2373214	10.97	2205171	15.07
UPPER LIMIT		670099	9.90	3322500	11.30	3087239	15.40
LOWER LIMIT		287185	9.24	1423928	10.64	1323103	14.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-5588/2		480713	9.57	2367622	10.97	2205891	15.07
MB 200-5588/3		479821	9.57	2352829	10.96	2148238	15.07
200-1086-1	CE-AA	439109	9.57	1949321	10.96	1912622	15.07
200-1086-2	CE-VAPOR-1	438535	9.57	2164315	10.96	2017713	15.07
200-1086-3	CE-VAPOR-2	445649	9.58	2197864	10.97	1979206	15.07
200-1086-4	CE-VAPOR-3	426333	9.57	2072065	10.96	1721869	15.07

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Sample No.: CCVIS 200-5661/2 Date Analyzed: 08/25/2010 15:36

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): fdtk002.d Heated Purge: (Y/N) N

Calibration ID: 1849

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		506144	9.57	2487883	10.96	2264908	15.07
UPPER LIMIT		708602	9.90	3483036	11.29	3170871	15.40
LOWER LIMIT		303686	9.24	1492730	10.63	1358945	14.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-5661/3		492684	9.58	2427417	10.97	2227043	15.07
MB 200-5661/4		484386	9.57	2403893	10.96	2200469	15.06
200-1086-5	CE-VAPOR-4	435855	9.57	2185951	10.96	2023957	15.07
200-1086-6	CE-VAPOR-5	438264	9.57	2152695	10.96	1634310	15.06
200-1086-7	CE-VAPOR-6	471698	9.57	2369907	10.96	2037360	15.07
200-1086-8	CE-VAPOR-7	474757	9.57	2368828	10.96	1830149	15.07
200-1086-9	CE-VAPOR-8	467166	9.57	2332423	10.97	2013705	15.07

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.51		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	28		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.27		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	4.2		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20		0.20	0.013
71-43-2	Benzene	78.11	0.23		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.29		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.67		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.56		0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.23		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.1		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	67		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.96		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	12		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.92		0.93	0.061
71-43-2	Benzene	78.11	0.74		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	1.2		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 200-1086-1

Matrix: Air Lab File ID: fdtj021.d

Analysis Method: TO-15 Date Collected: 08/10/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	2.5		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.3		2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	1.0		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-1
Client Smp ID: CE-AA
Inj Date : 25-AUG-2010 08:54
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-1
Misc Info : 200,1,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	42379	0.44953	0.45(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.568	3.574	(0.373)	13936	0.50984	0.51
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	28047	0.24223	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	6778	0.07885	0.079(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.436	6.446	(0.672)	1578047	28.2521	28
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	6.655	6.655	(0.695)	73760	1.85678	1.9(aM)
23 Allyl chloride	41	Compound Not Detected.					

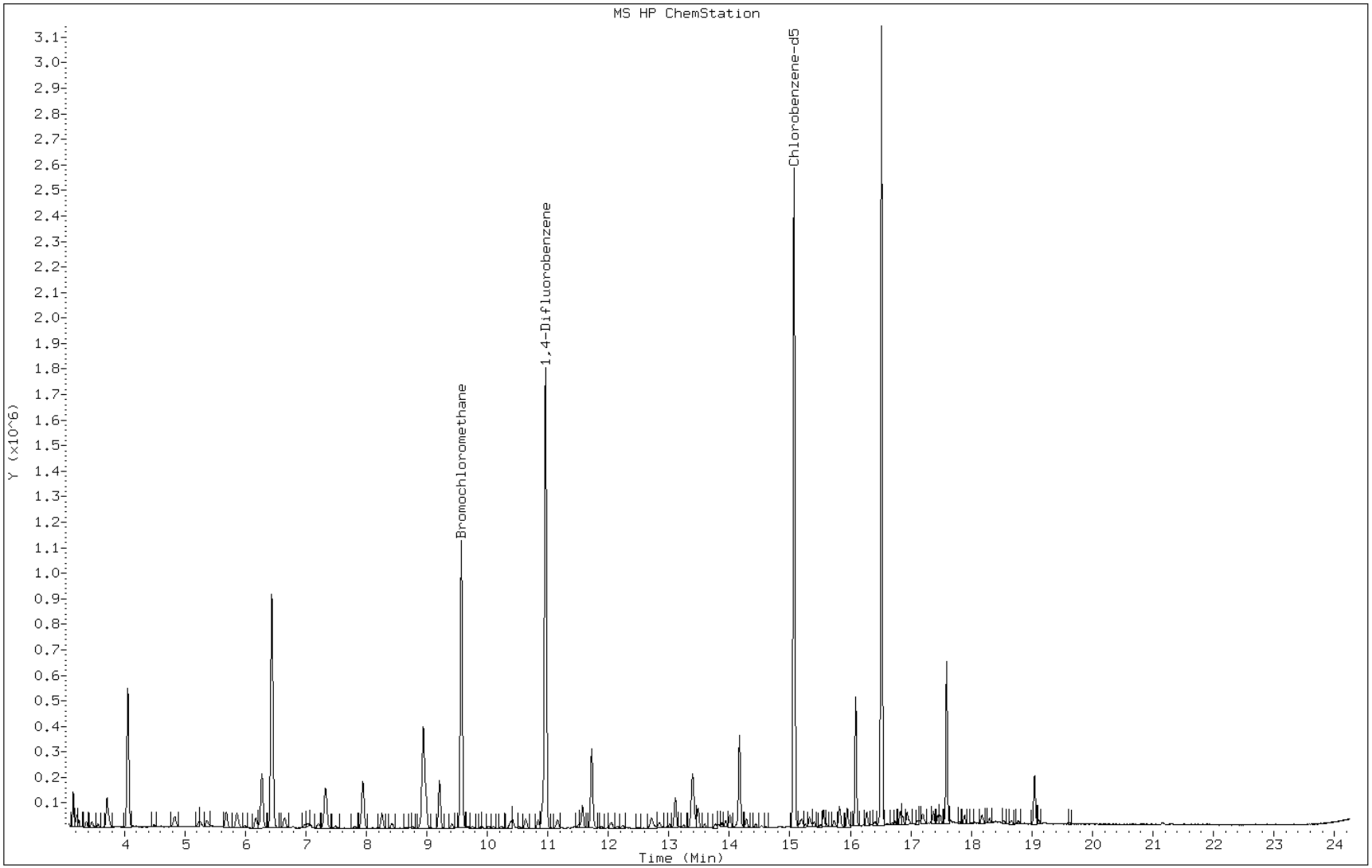
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
25	Methylene chloride	49	7.206	7.211	(0.753)	9771	0.24985	0.25(a)
26	Tert-butyl alcohol	59	7.324	7.329	(0.765)	311540	4.33032	4.3(a)
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	7.928	7.934	(0.828)	16931	0.27270	0.27
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	89729	4.22050	4.2(Q)
* 37	Bromochloromethane	128	9.571	9.581	(1.000)	439109	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	10.100	10.111	(0.921)	6995	0.07819	0.078(aQ)
43	2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	33479	0.19738	0.20
44	Benzene	78	10.421	10.432	(0.951)	30602	0.23207	0.23
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	10.635	10.641	(0.970)	16051	0.29382	0.29(Q)
* 47	1,4-Difluorobenzene	114	10.961	10.972	(1.000)	1949321	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	12.839	12.839	(1.171)	17850	0.26350	0.26(a)
58	Toluene	92	13.107	13.118	(0.870)	63284	0.67034	0.67
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	13.872	13.883	(0.920)	8612	0.11424	0.11(a)
62	2-Hexanone	43	14.011	14.022	(0.930)	36998	0.56467	0.56
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	1912622	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	15.182	15.188	(1.007)	18079	0.08423	0.084(a)
69	Xylene (m,p)	106	15.327	15.332	(1.017)	13940	0.16743	0.17(a)
M 70	Xylenes, Total	106				19390	0.23311	0.23
71	Xylene (o)	106	15.846	15.846	(1.051)	5450	0.06568	0.066(aH)
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	12374	0.04850	0.049(a)
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	30187	0.14109	0.14(a)
87	1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	8786	0.05881	0.059(a)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File:	fdtj021.d	Date:	25-AUG-2010 08:54
Client ID:	CE-AA	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-1		
Lab Sample ID:	200-1086-1		



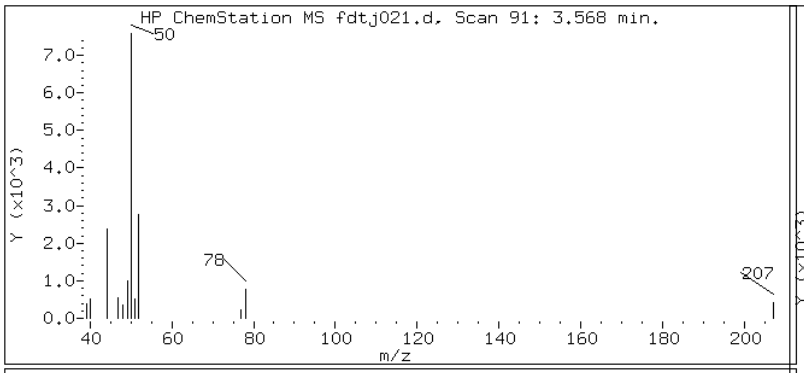
Data File: fdtj021.d

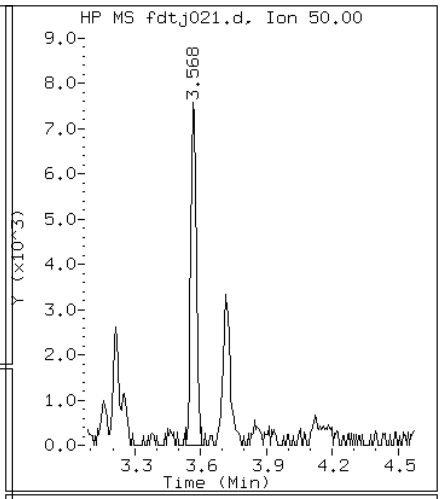
Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

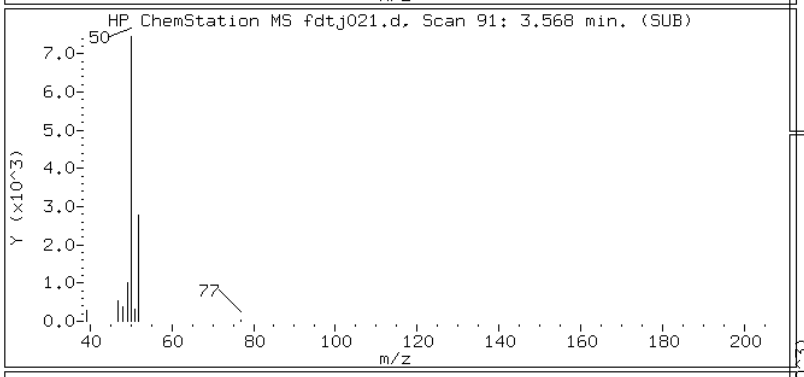
Client ID: CE-AA Instrument: F.i

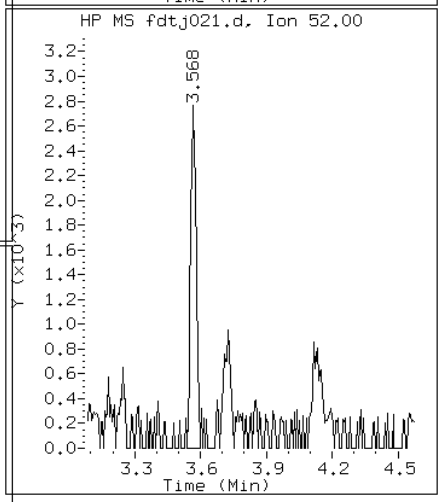
Sample Info: 200-1086-A-1 Operator: wrd

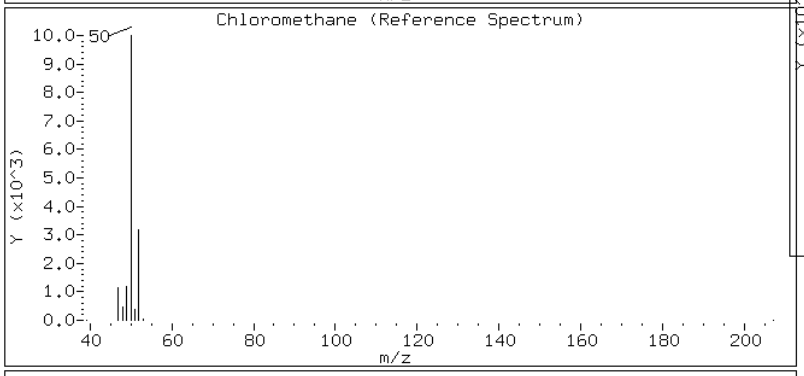
5 Chloromethane

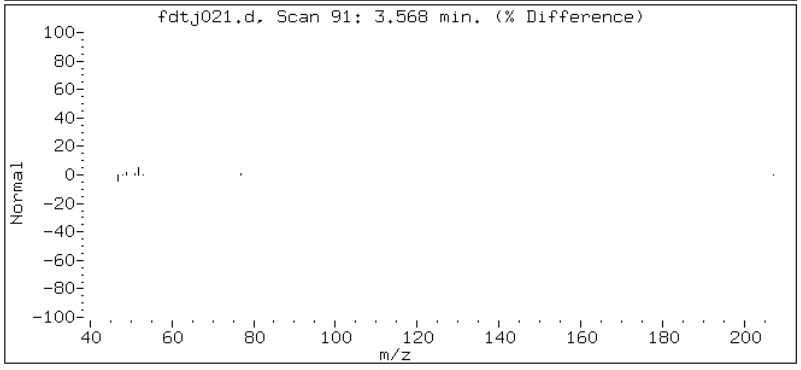












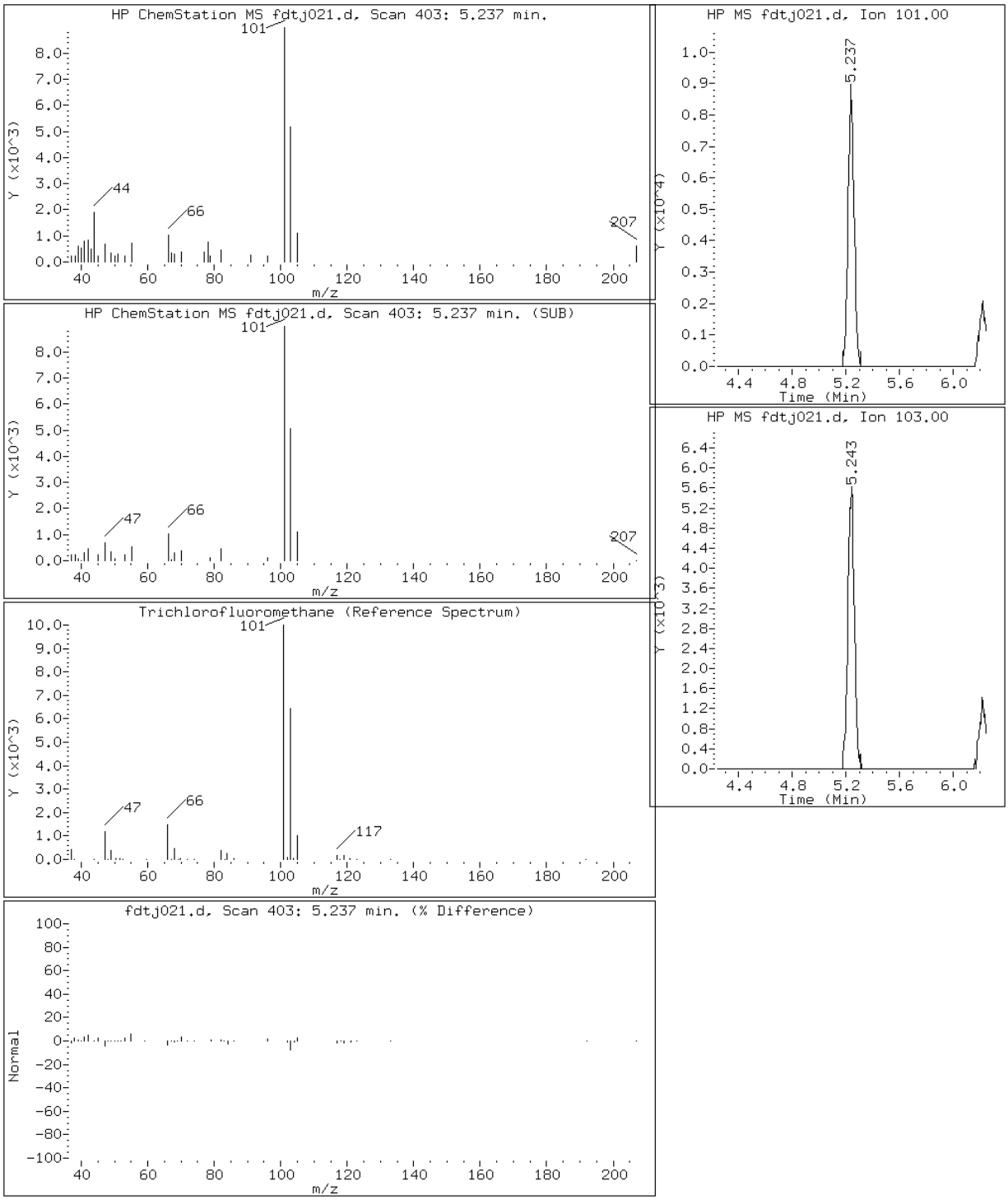
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

13 Trichlorofluoromethane



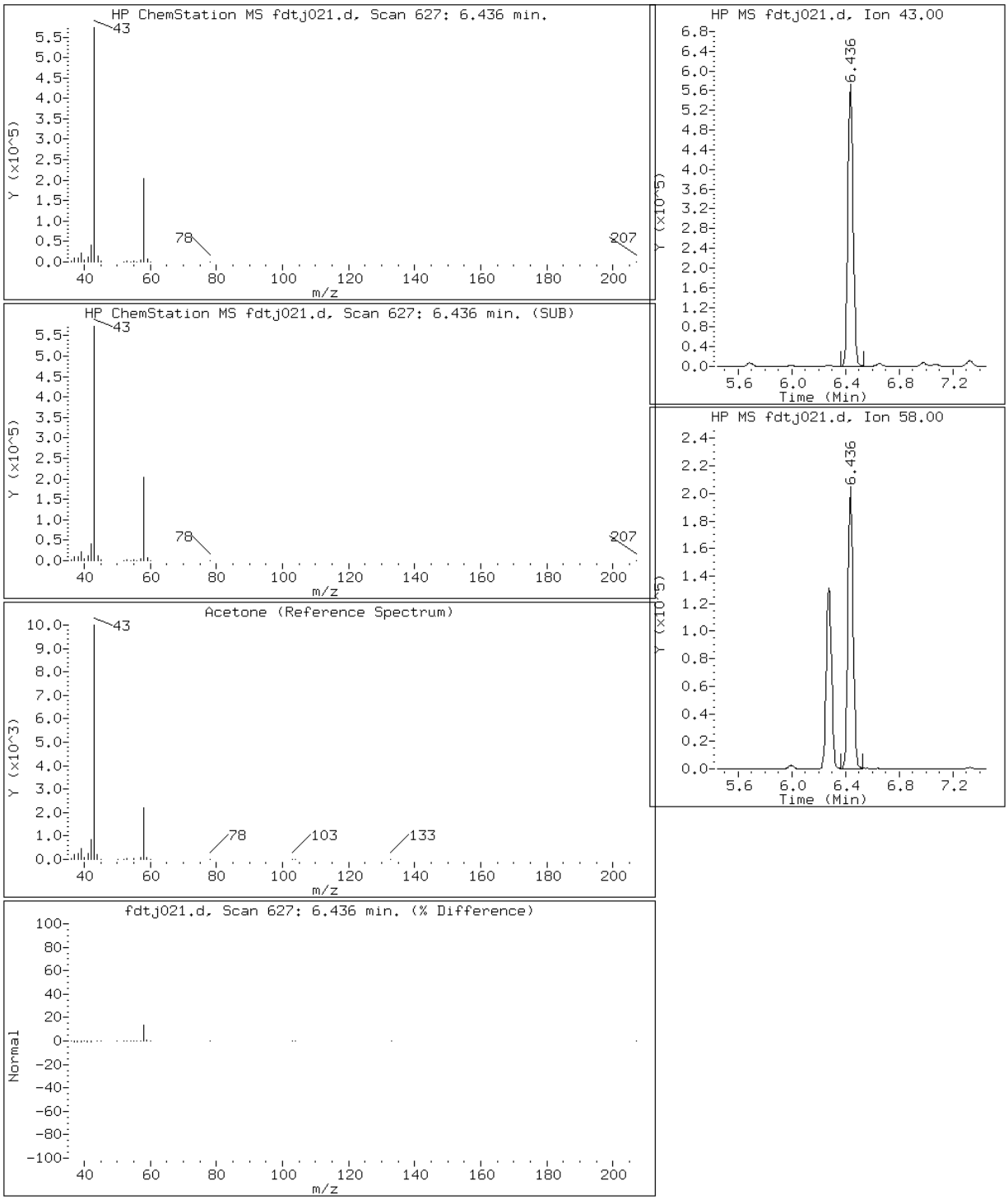
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

20 Acetone



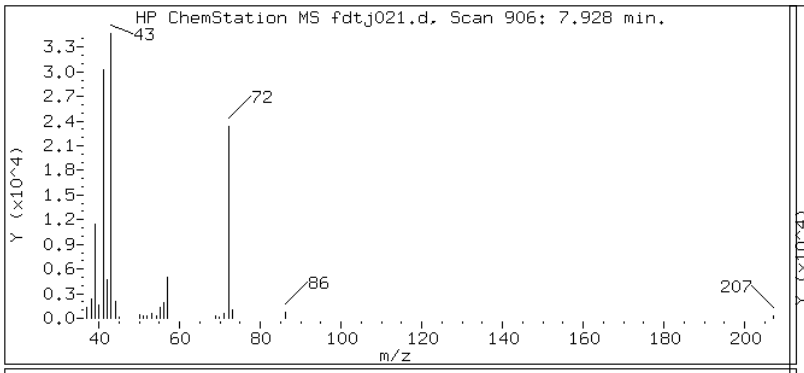
Data File: fdtj021.d

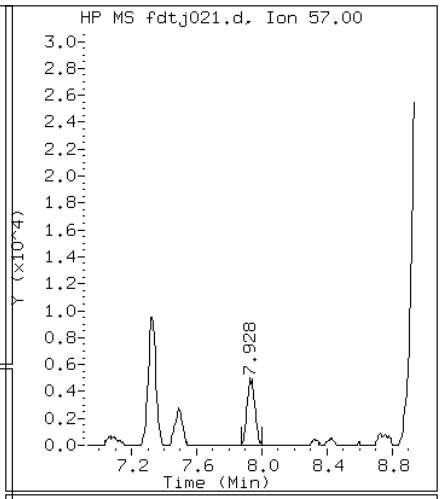
Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

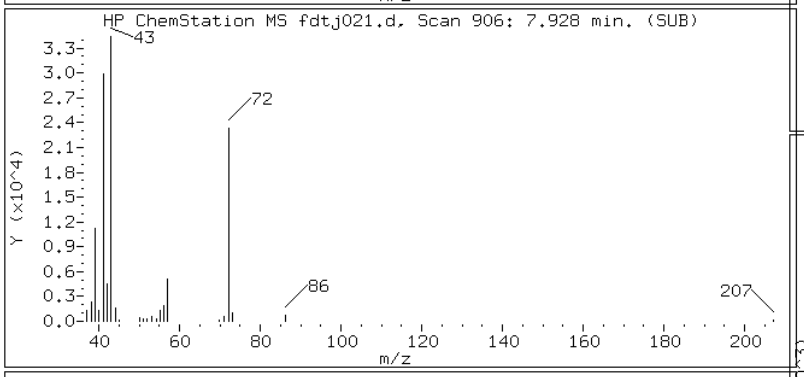
Client ID: CE-AA Instrument: F.i

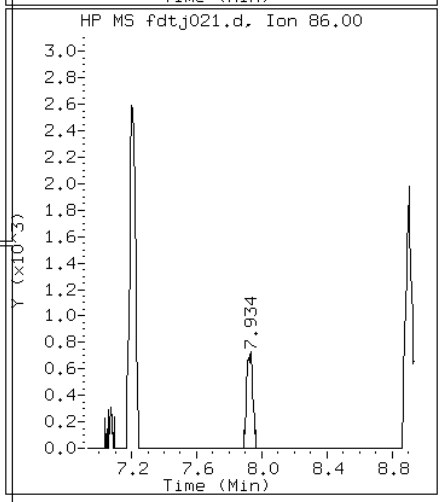
Sample Info: 200-1086-A-1 Operator: wrd

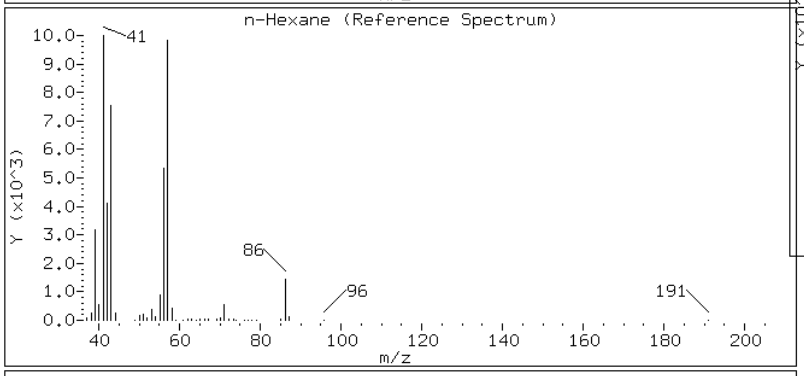
30 n-Hexane

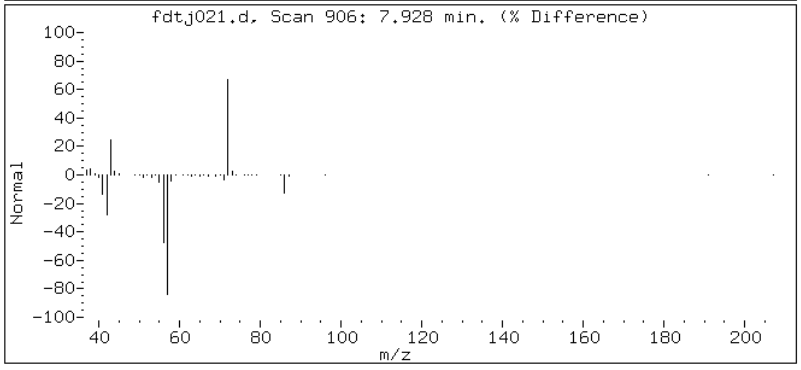












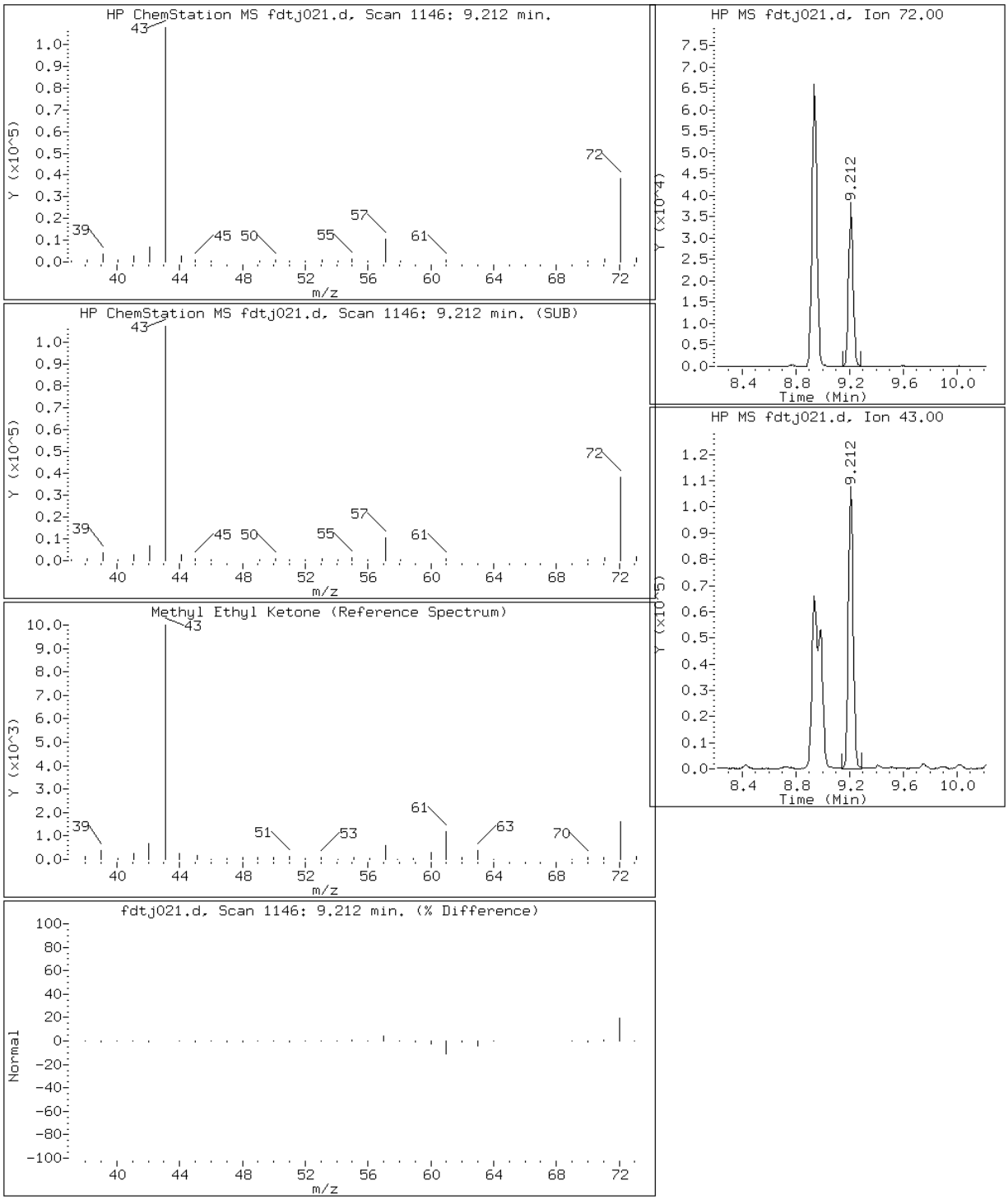
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

36 Methyl Ethyl Ketone



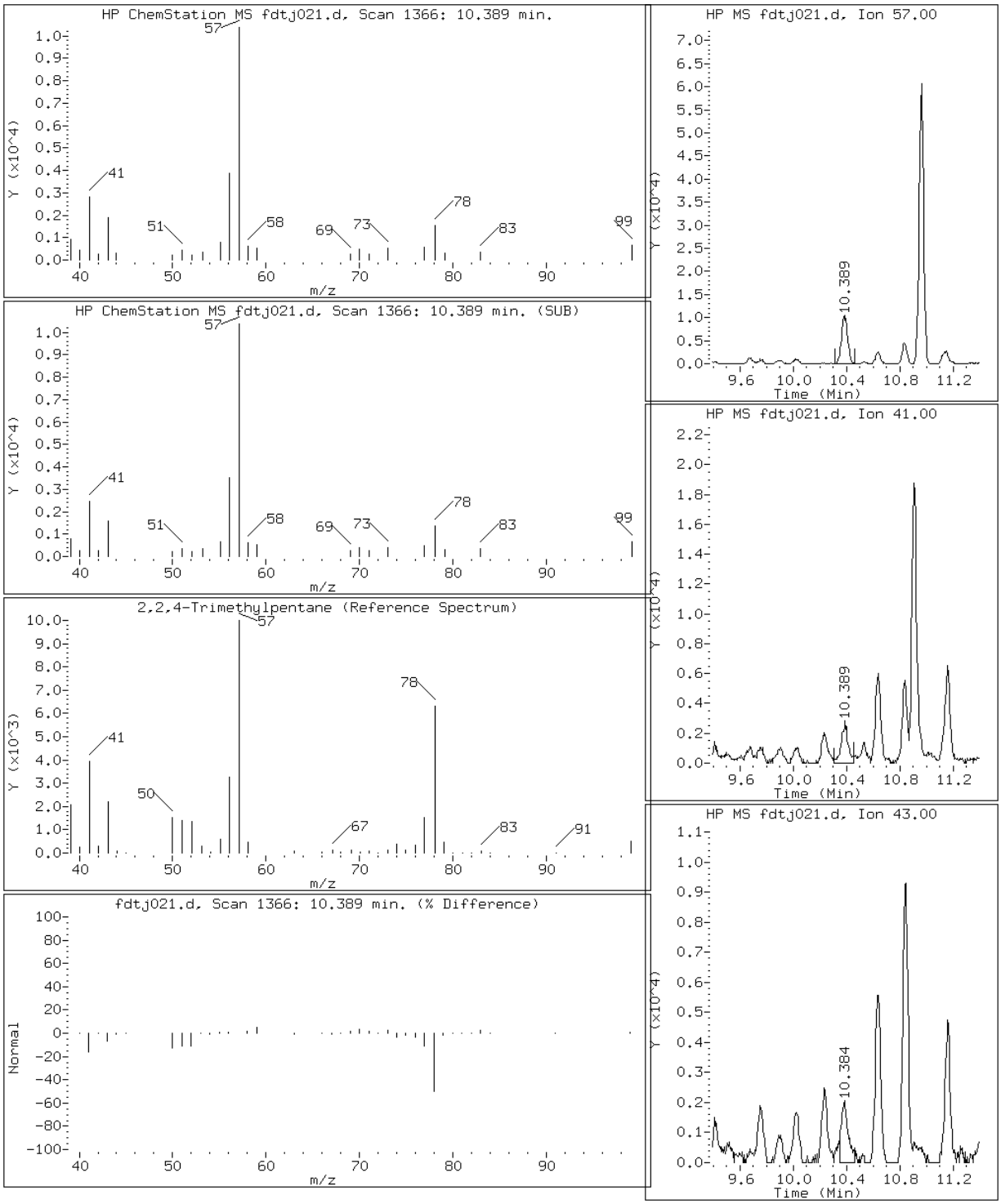
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

43 2,2,4-Trimethylpentane



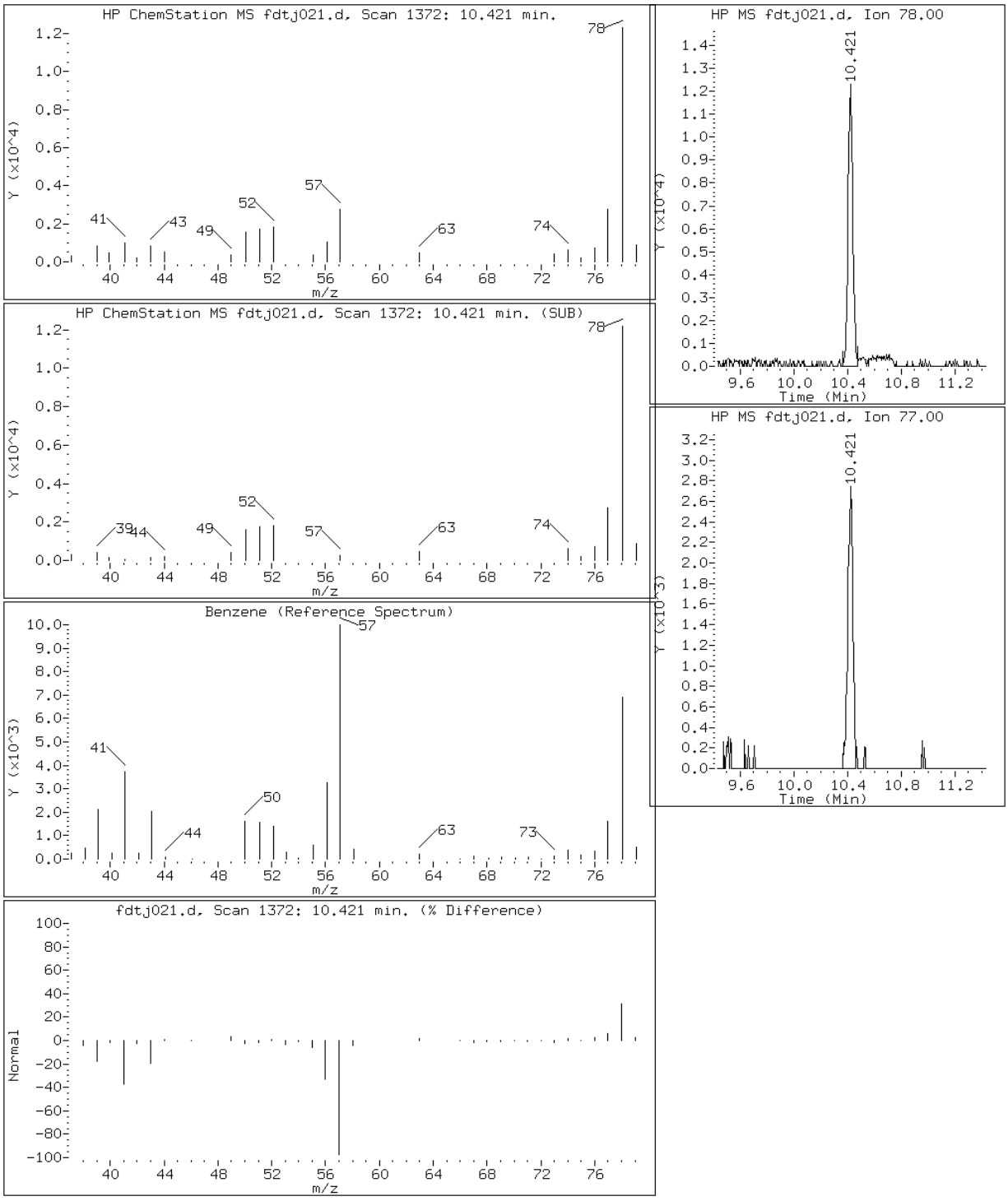
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

44 Benzene



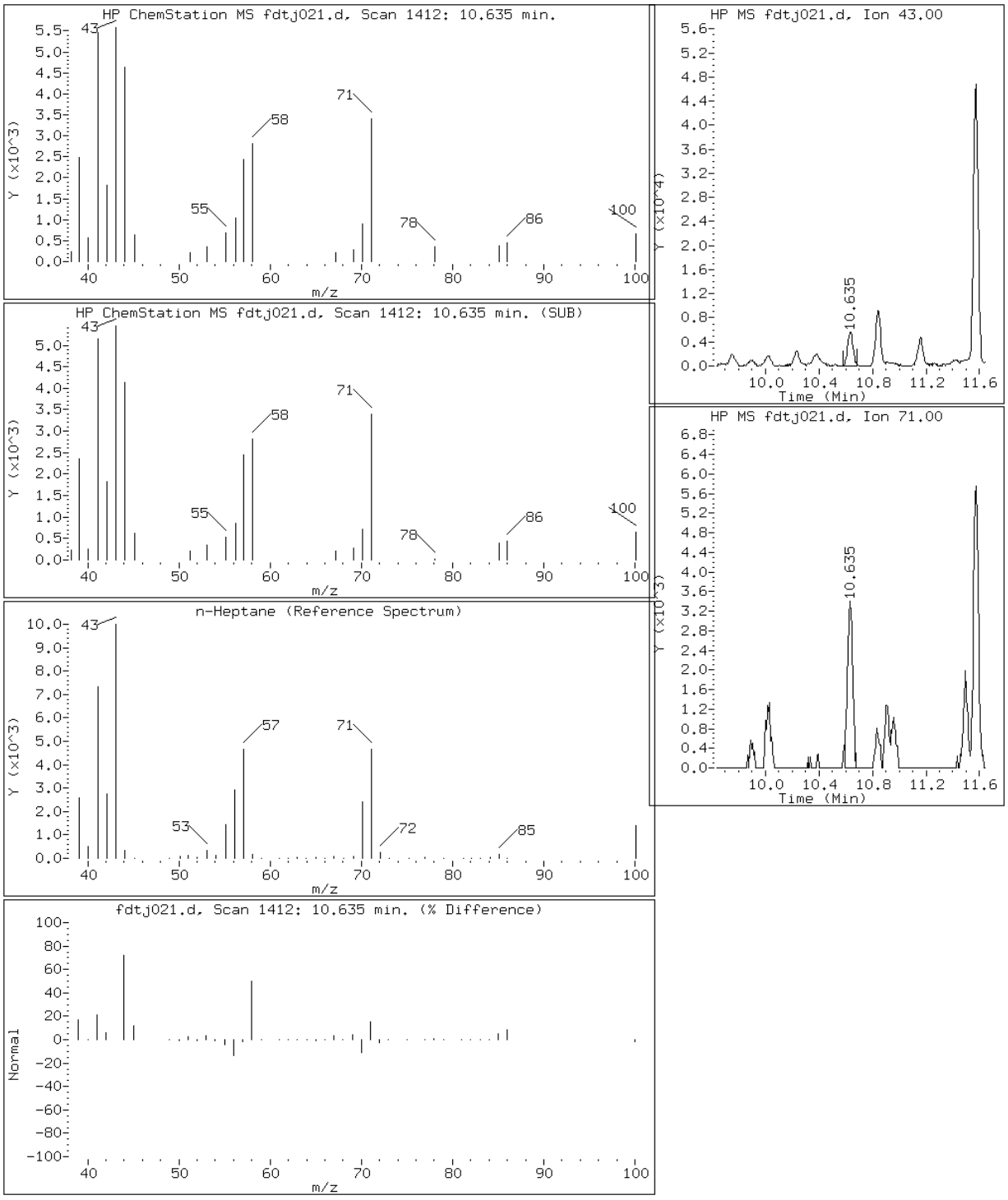
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

46 n-Heptane



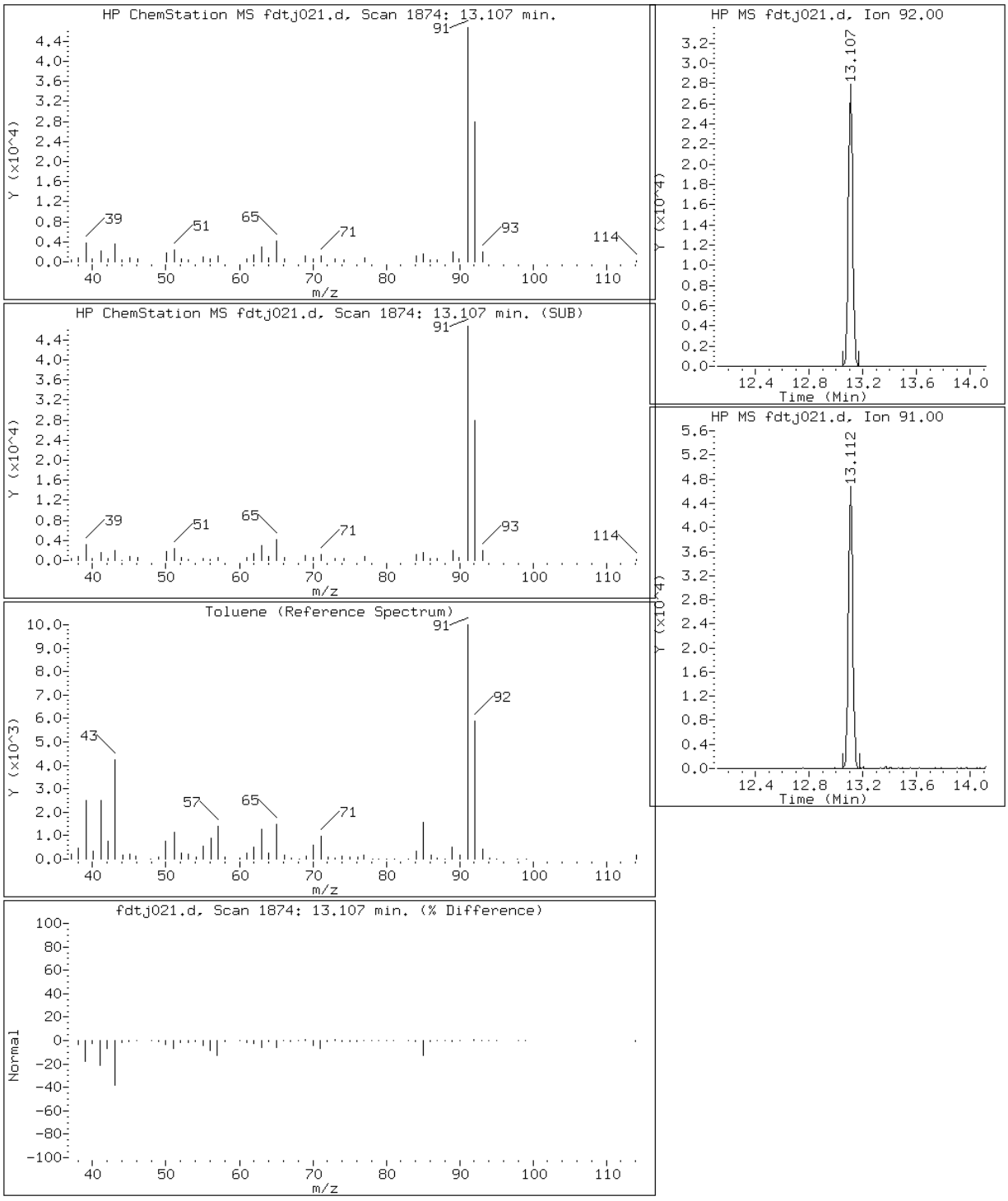
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

58 Toluene



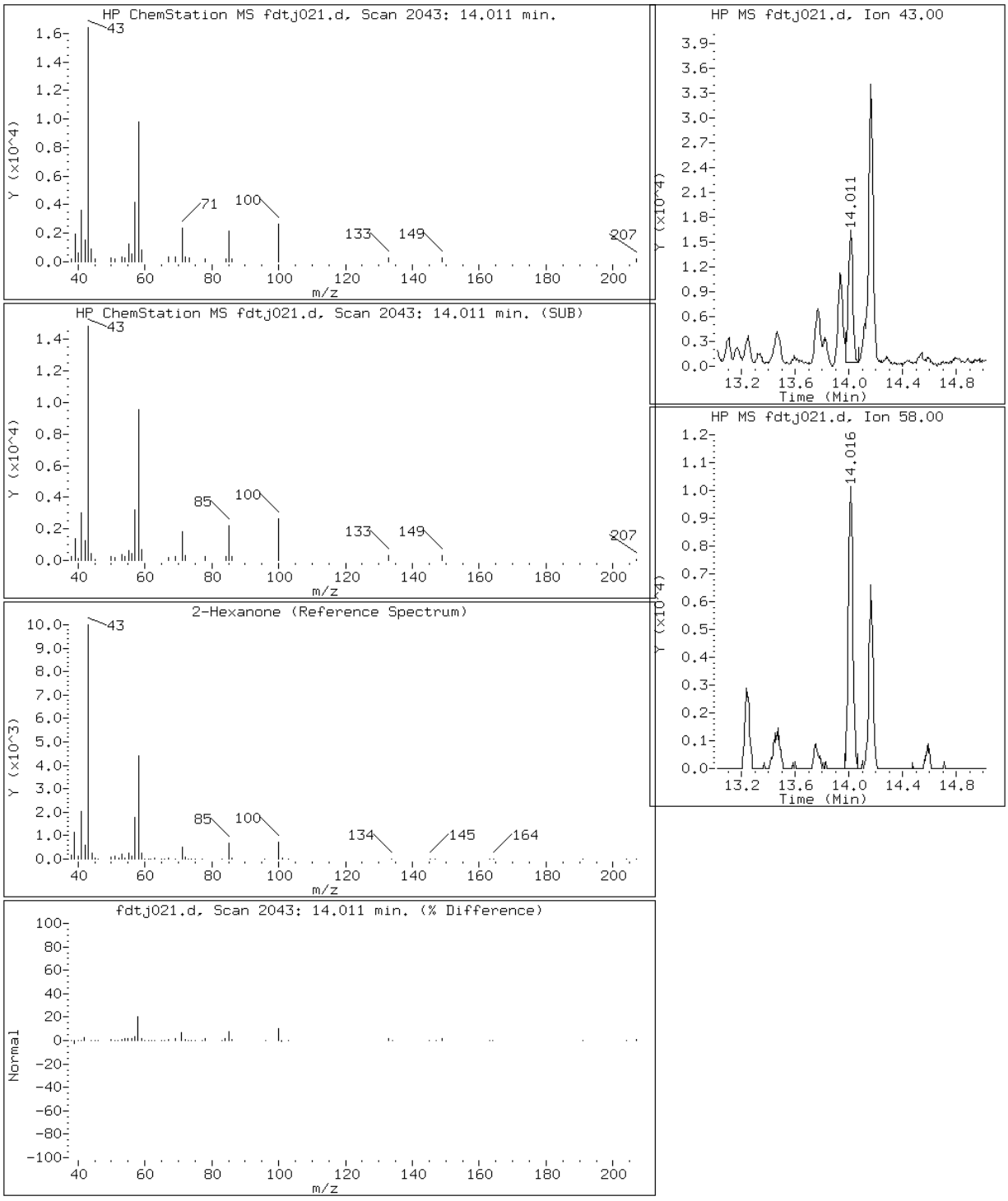
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

62 2-Hexanone



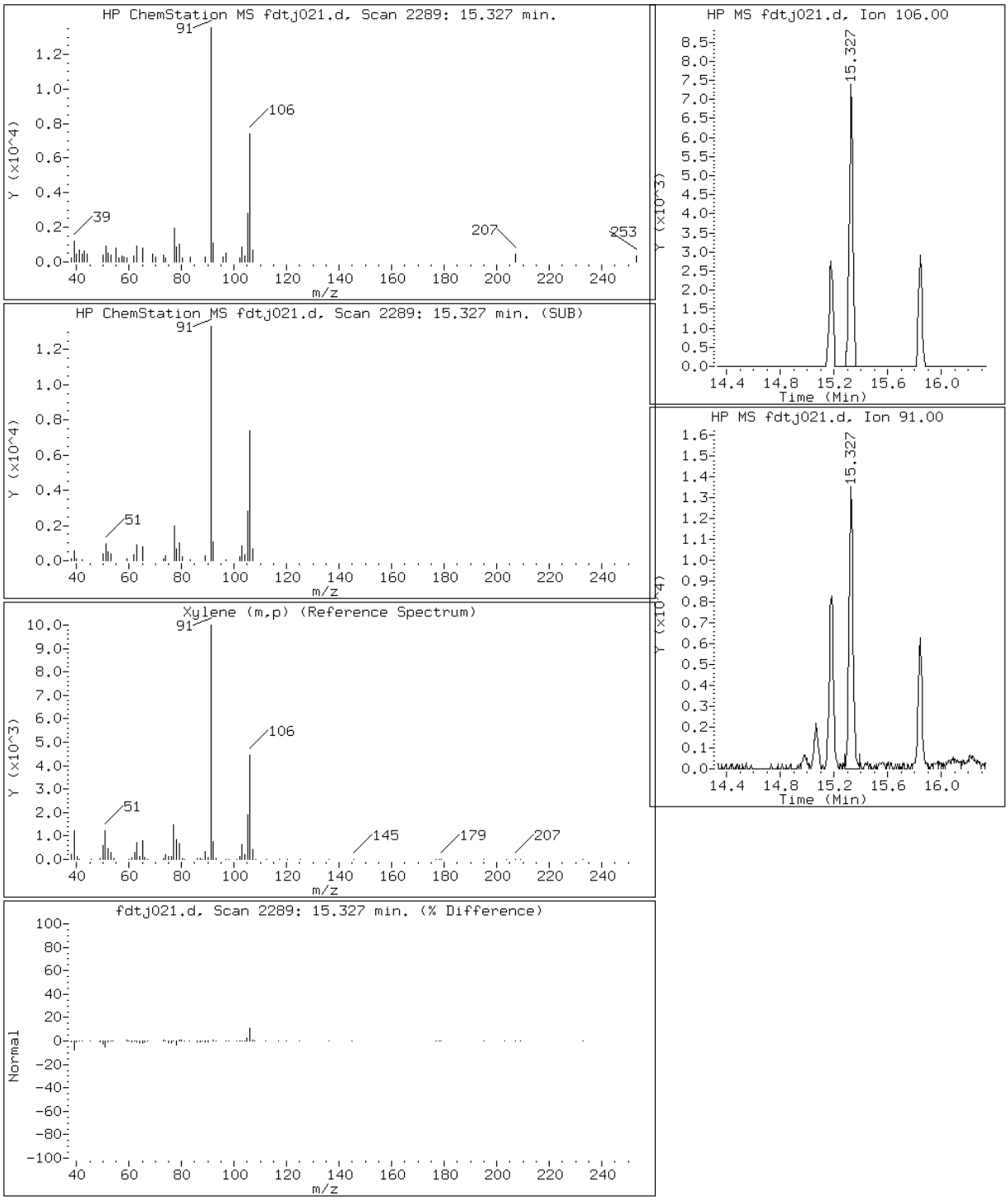
Data File: fdtj021.d

Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

Client ID: CE-AA Instrument: F.i

Sample Info: 200-1086-A-1 Operator: wrd

69 Xylene (m,p)



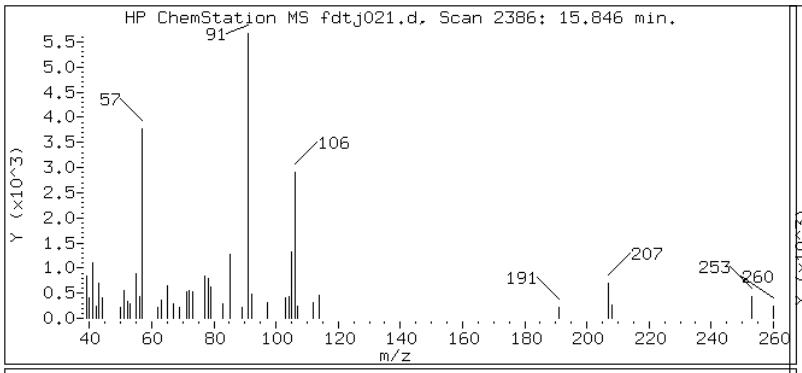
Data File: fdtj021.d

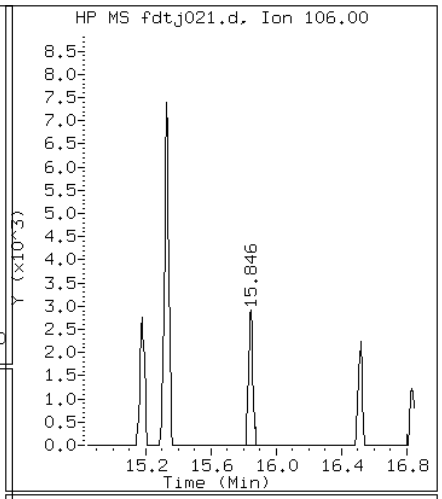
Lab Sample ID: 200-1086-1 Date: 25-AUG-2010 08:54

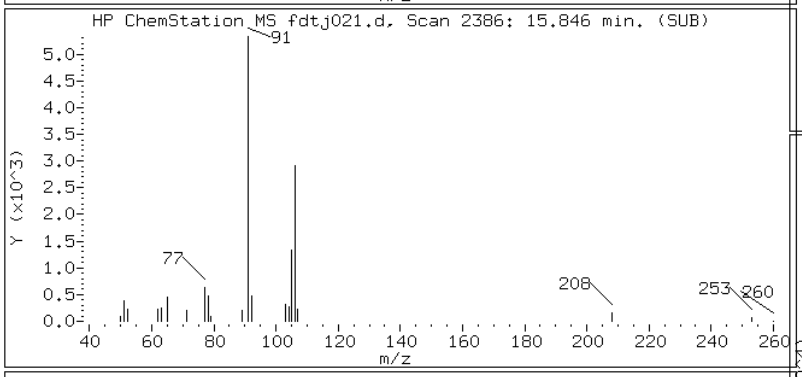
Client ID: CE-AA Instrument: F.i

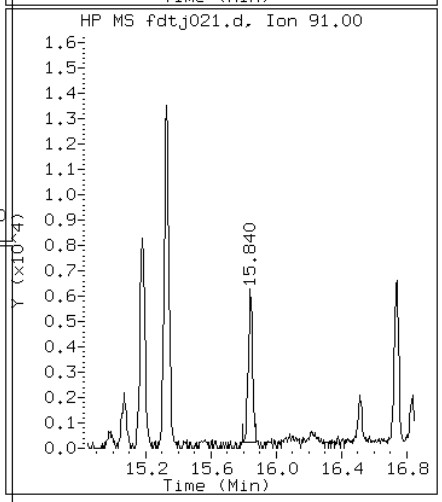
Sample Info: 200-1086-A-1 Operator: wrd

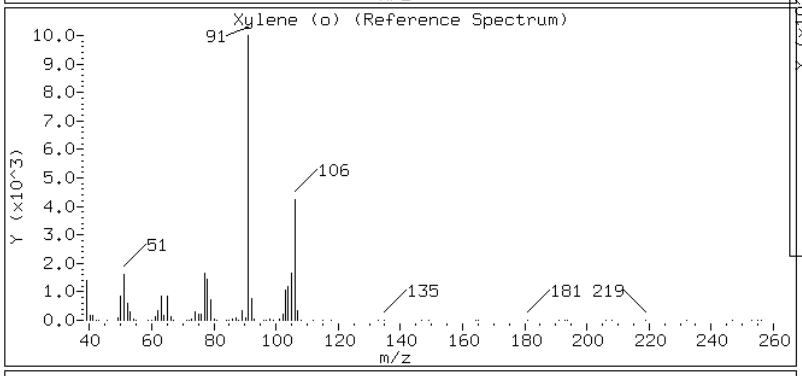
71 Xylene (o)

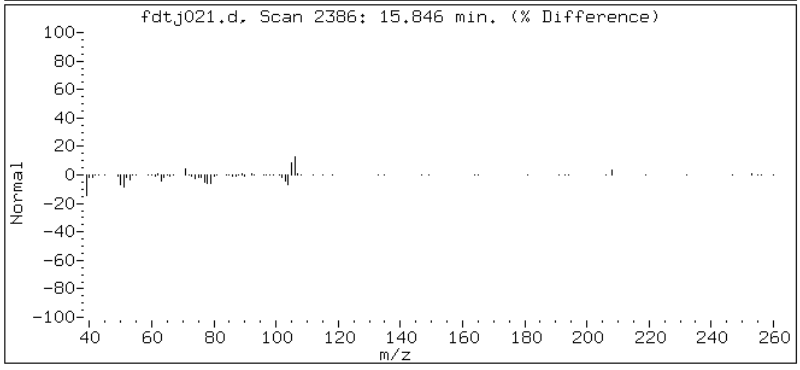












Manual Integration Report

Data File: fdtj021.d
Lab Sample ID: 200-1086-1
Inj. Date and Time: 25-AUG-2010 08:54
Instrument ID: F.i
Client ID: CE-AA
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 08/26/2010

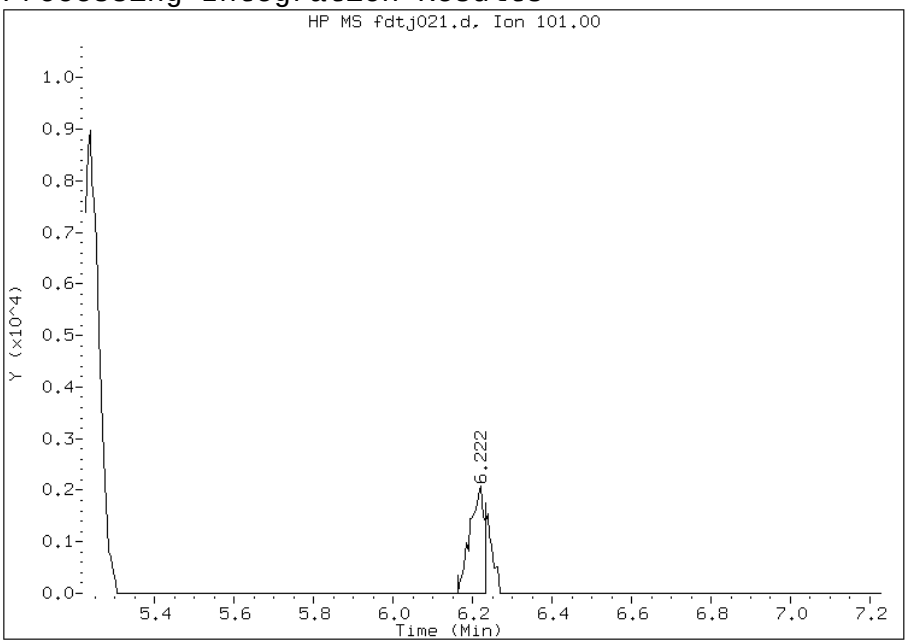
Processing Integration Results

RT: 6.22

Response: 5135

Amount: 0.059738

Conc: 0.059738



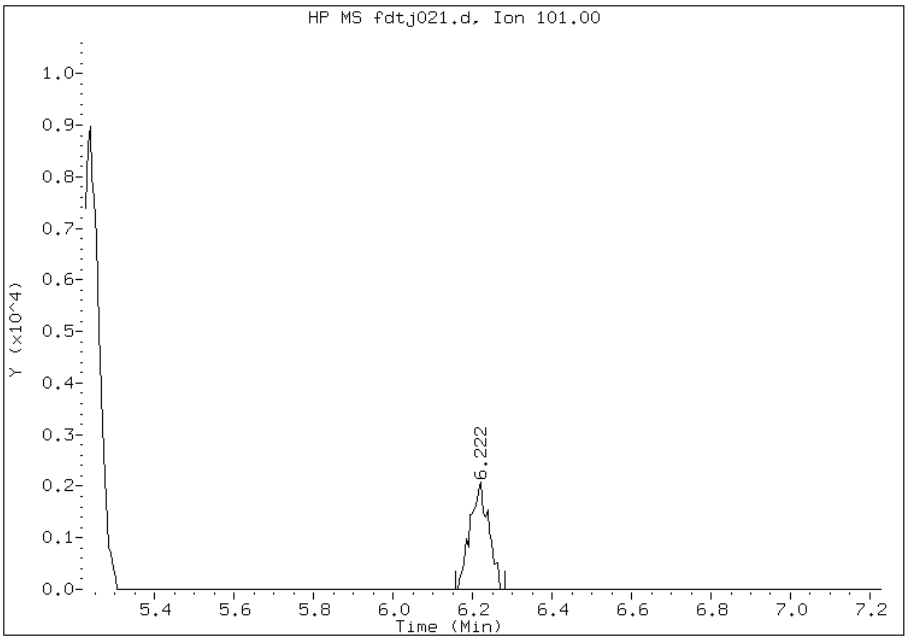
Manual Integration Results

RT: 6.22

Response: 6778

Amount: 0.078851

Conc: 0.078851



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	25	U	25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.065
71-43-2	Benzene	78.11	1.0	U	1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	1.0	U	1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0	U	1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.7		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	1.0	U	1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.5	U	2.5	0.12
95-47-6	Xylene, o-	106.17	1.9		1.0	0.25
1330-20-7	Xylene (total)	106.17	3.5		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	2.1		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0	U	1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	59	U	59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	3.4	U	3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.30
71-43-2	Benzene	78.11	3.2	U	3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	4.1	U	4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 200-1086-2

Matrix: Air Lab File ID: fdtj022.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 09:45

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.8	U	6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	4.3	U	4.3	0.30
179601-23-1	m,p-Xylene	106.17	11	U	11	0.50
95-47-6	Xylene, o-	106.17	8.2		4.3	1.1
1330-20-7	Xylene (total)	106.17	15		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	10		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	4.9	U	4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-2
Client Smp ID: CE-VAPOR-1
Inj Date : 25-AUG-2010 09:45
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-2
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 5
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	9958	0.10577	0.53(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	6542	0.05657	0.28(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
21 Carbon disulfide	76	6.698	6.698	(0.700)	26580	0.20600	1.0(a)
22 Isopropanol	45	Compound Not Detected.					

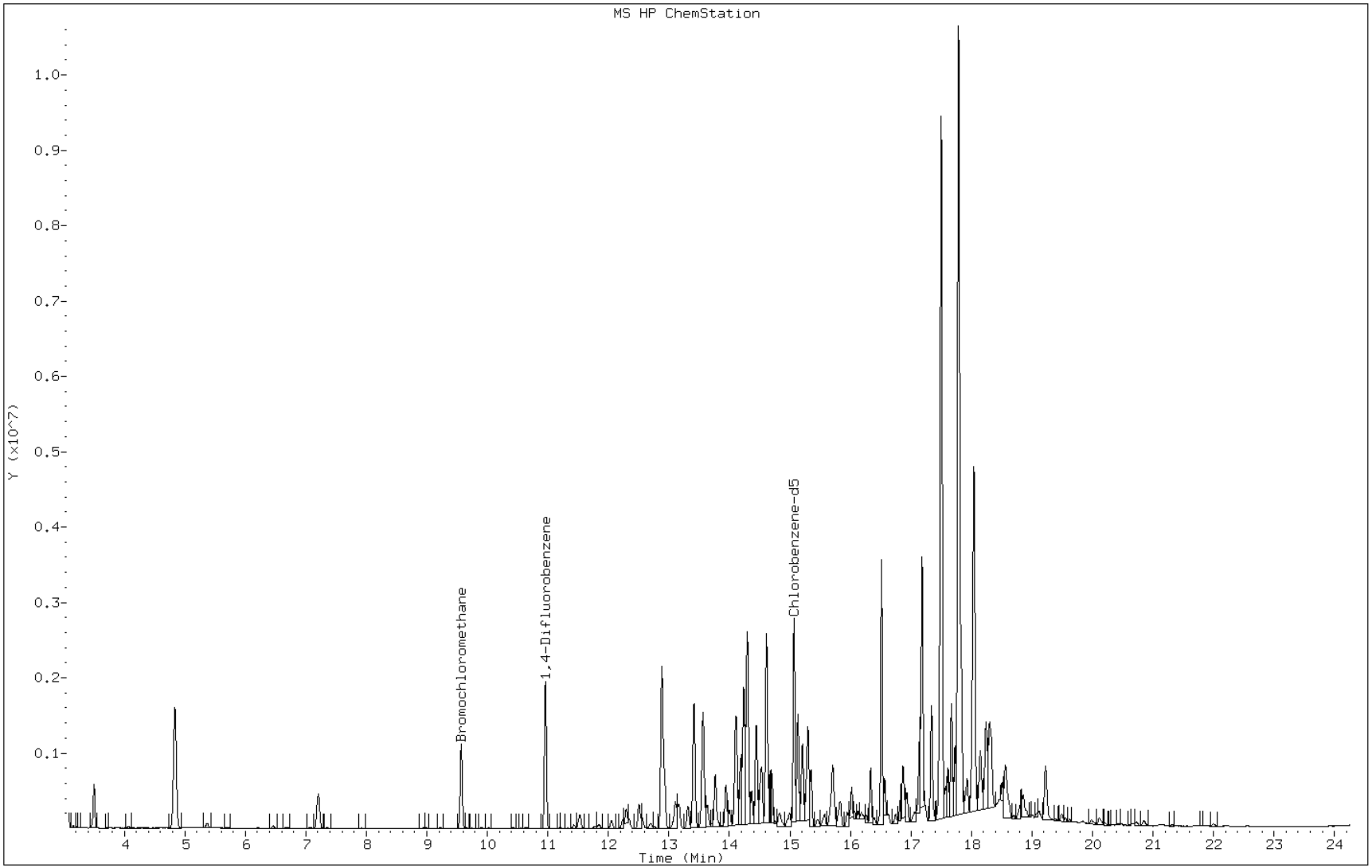
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.201	7.211	(0.752)	5525	0.14146	0.71(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	4107	0.06624	0.33(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.964)	4017	0.18919	0.95(aQ)
*	37 Bromochloromethane	128	9.570	9.581	(1.000)	438535	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.645	9.651	(1.008)	12320	0.12475	0.62(a)
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.421	10.432	(0.951)	11329	0.07738	0.39(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.640	10.641	(0.971)	8746	0.14420	0.72(a)
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2164315	10.0000	
	49 Trichloroethene	95	11.325	11.331	(1.033)	3468	0.05466	0.27(aQ)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.107	13.118	(0.870)	12258	0.12308	0.62(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	14282	0.17959	0.90(a)
	62 2-Hexanone	43	14.005	14.022	(0.929)	37563	0.54343	2.7(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2017713	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	43339	0.19140	0.96(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	27512	0.31323	1.6(aQ)
M	70 Xylenes, Total	106				60538	0.69049	3.5
	71 Xylene (o)	106	15.846	15.846	(1.051)	33026	0.37726	1.9
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	26682	0.09914	0.50(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	91640	0.41539	2.1
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	40776	0.18066	0.90(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	fdtj022.d	Date:	25-AUG-2010 09:45
Client ID:	CE-VAPOR-1	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-2		
Lab Sample ID:	200-1086-2		



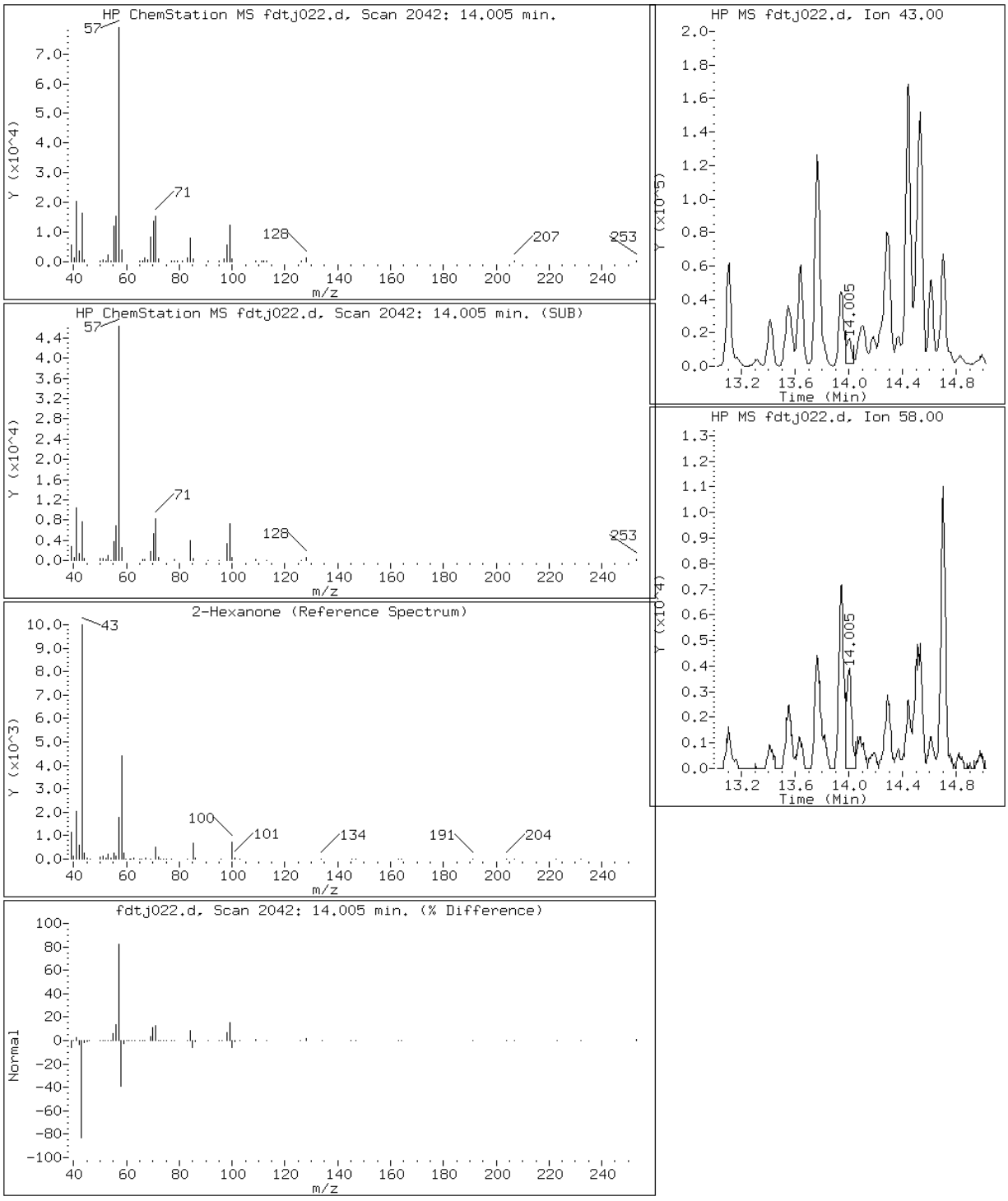
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

62 2-Hexanone



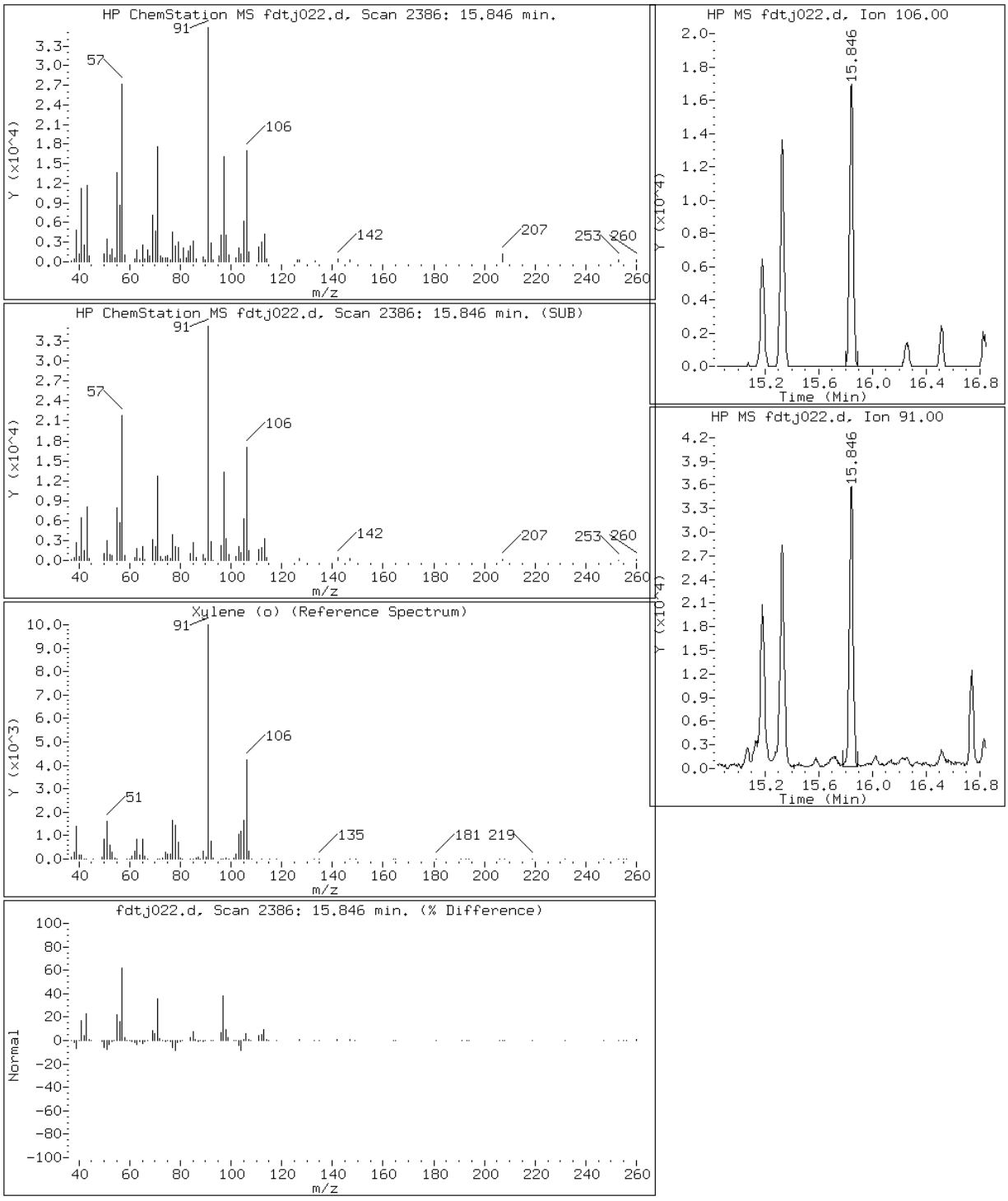
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

71 Xylene (o)



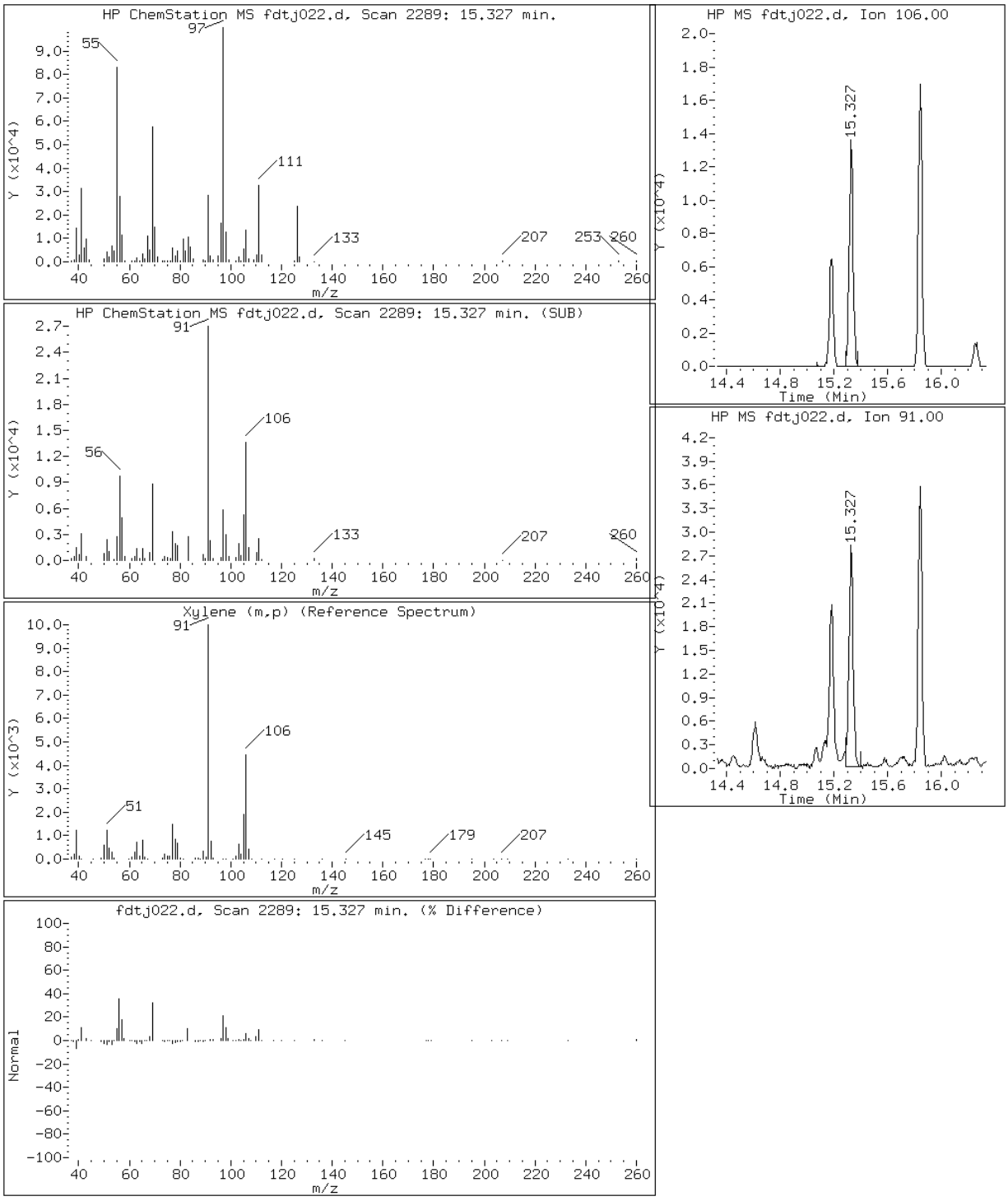
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

69 Xylene (m,p)



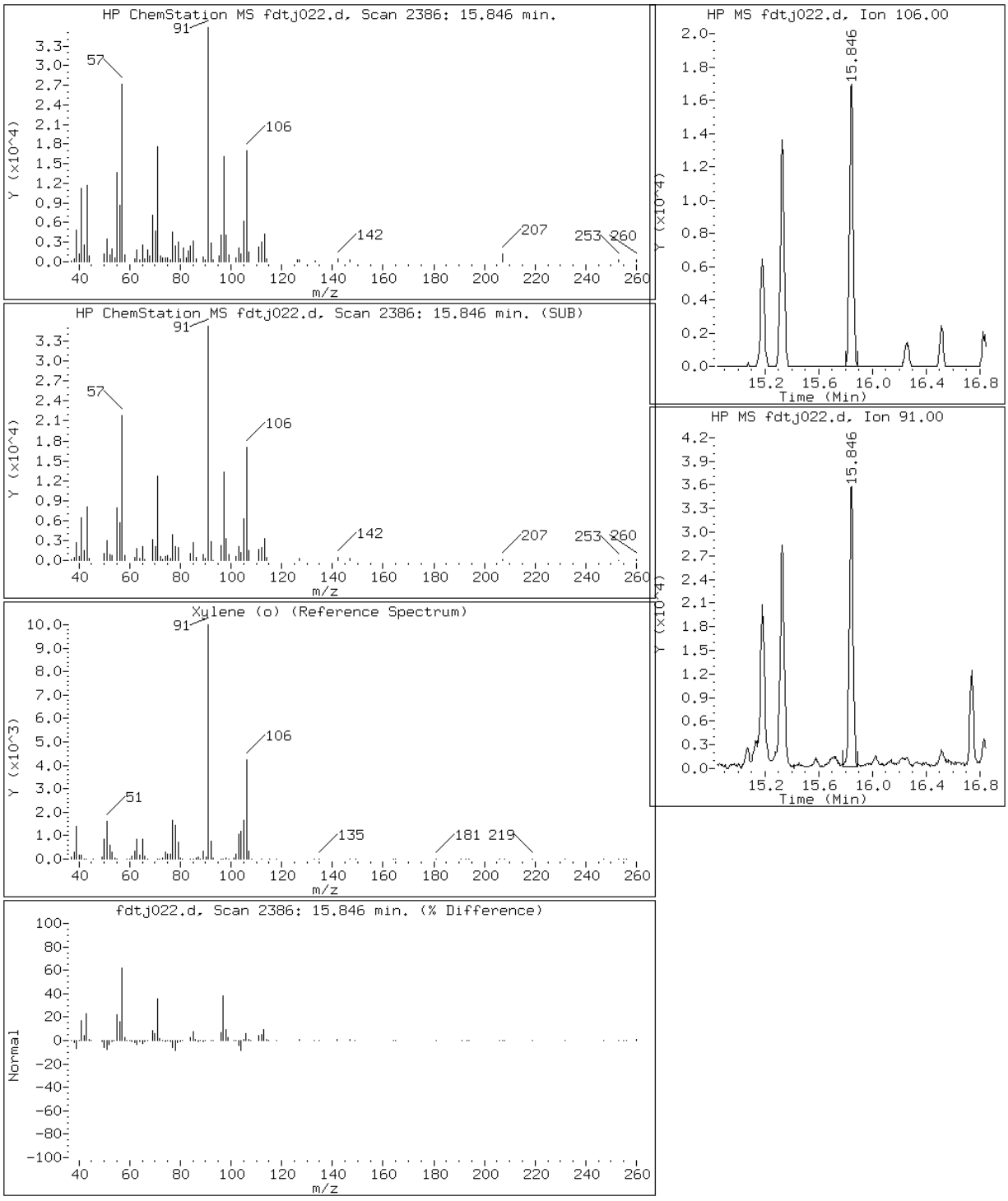
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

71 Xylene (o)



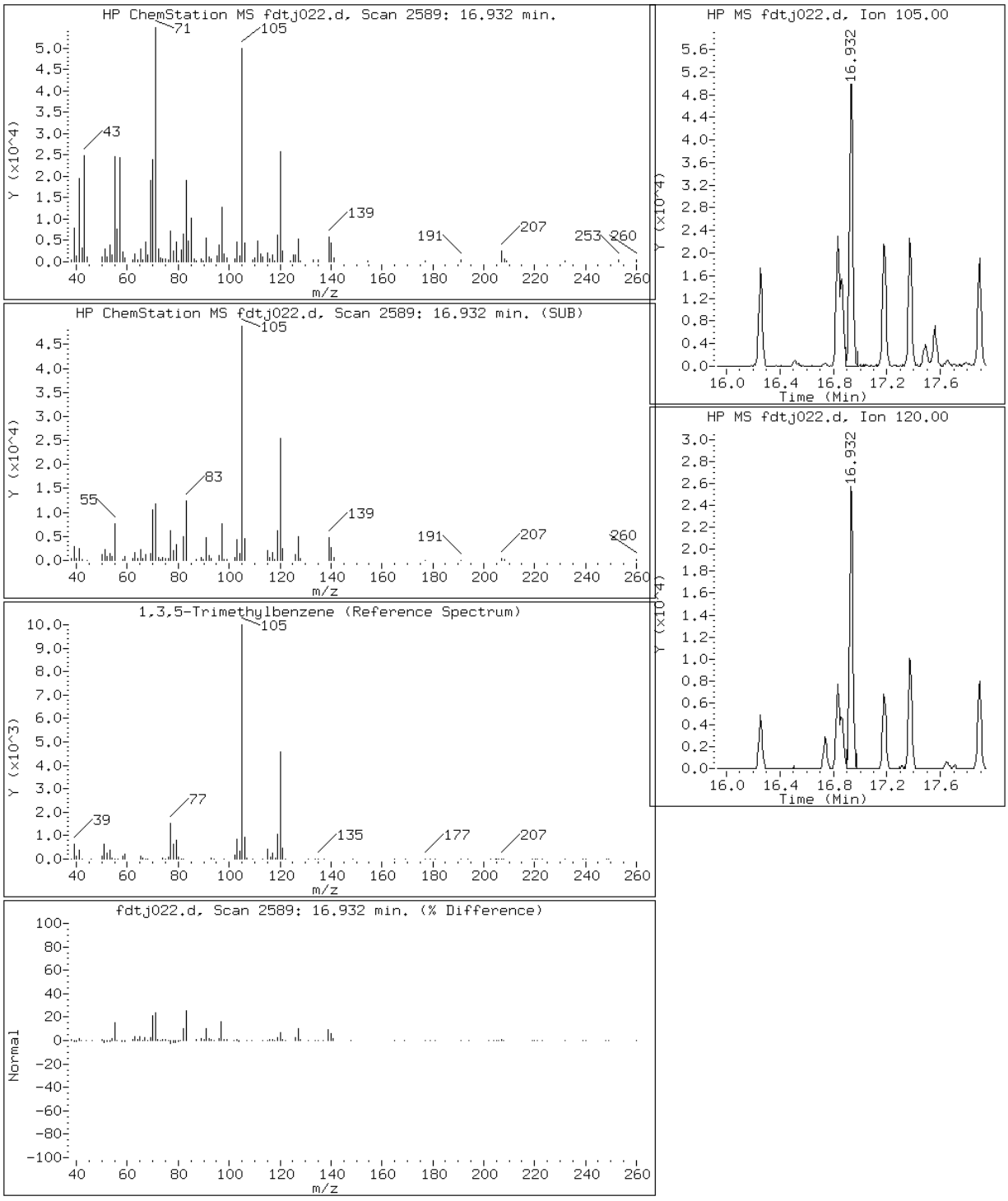
Data File: fdtj022.d

Lab Sample ID: 200-1086-2 Date: 25-AUG-2010 09:45

Client ID: CE-VAPOR-1 Instrument: F.i

Sample Info: 200-1086-A-2 Operator: wrd

81 1,3,5-Trimethylbenzene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	34		25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	7.0		2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.6		1.0	0.065
71-43-2	Benzene	78.11	1.0		1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	4.3		1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0		1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.8		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	1.0	U	1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.5	U	2.5	0.12
95-47-6	Xylene, o-	106.17	1.0	U	1.0	0.25
1330-20-7	Xylene (total)	106.17	2.0		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.2		1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	2.7		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.2		1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	81		59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	21		7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	3.4	U	3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	7.5		4.7	0.30
71-43-2	Benzene	78.11	3.3		3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	18		4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 200-1086-3

Matrix: Air Lab File ID: fdtj023.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 10:36

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.9		6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	40		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	4.3	U	4.3	0.30
179601-23-1	m,p-Xylene	106.17	11	U	11	0.50
95-47-6	Xylene, o-	106.17	4.3	U	4.3	1.1
1330-20-7	Xylene (total)	106.17	8.8		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	5.8		4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	13		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	5.7		4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-3
Client Smp ID: CE-VAPOR-2
Inj Date : 25-AUG-2010 10:36
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-3
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 6
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.761	4.761	(0.497)	9187	0.45415	2.3(a)
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.232	5.243	(0.546)	5906	0.05026	0.25(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.452	6.446	(0.674)	387862	6.84207	34
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

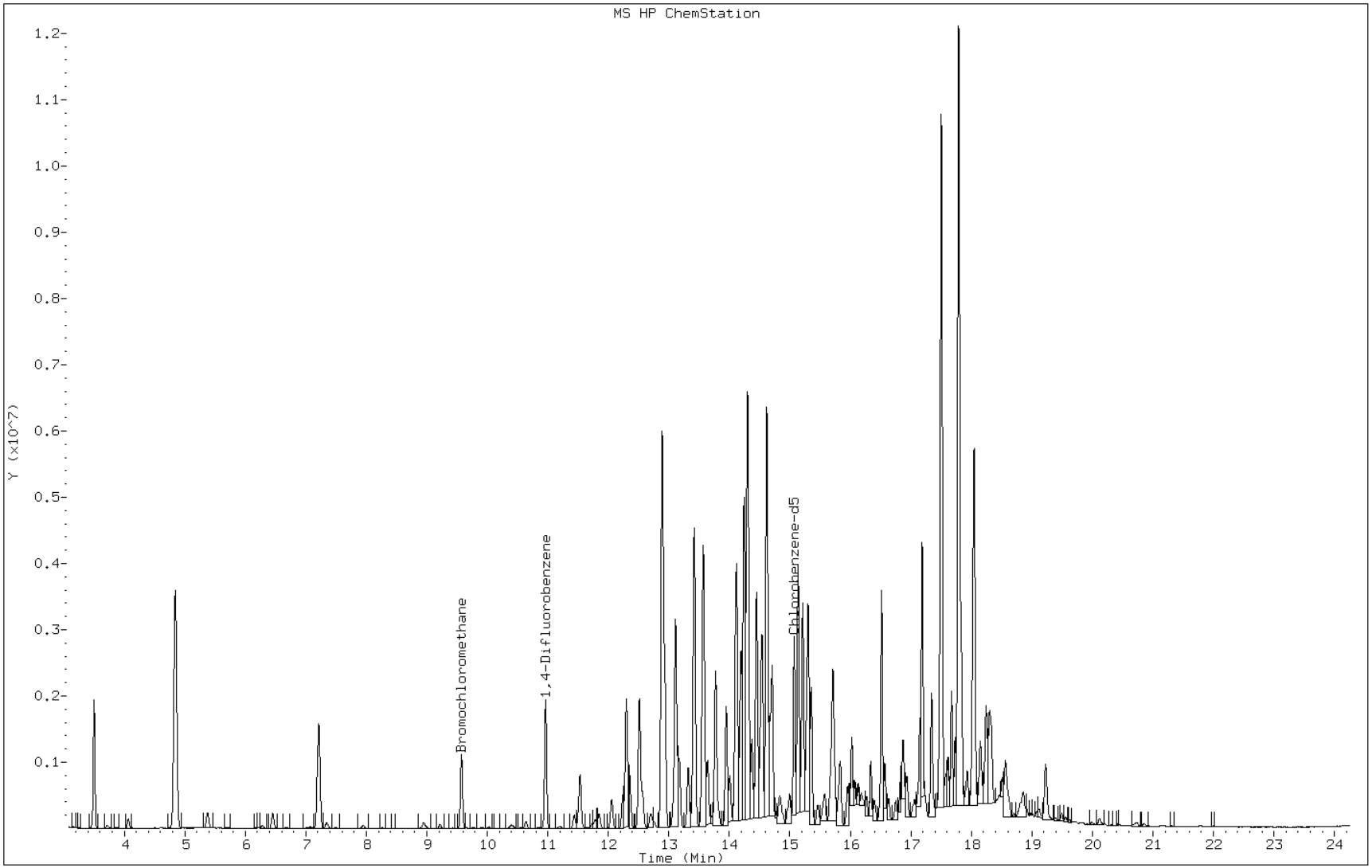
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	7.345	7.329	(0.767)	158312	2.16820	11(a)
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.939	7.934	(0.829)	10027	0.15913	0.80(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.963)	30278	1.40326	7.0(Q)
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	445649	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.651	9.651	(1.008)	10166	0.10129	0.51(a)
	40 Cyclohexane	84	9.908	9.918	(0.903)	7467	0.11810	0.59(aQM)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.395	10.395	(0.948)	61371	0.32091	1.6
	44 Benzene	78	10.427	10.432	(0.951)	30783	0.20704	1.0
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.641	10.641	(0.970)	52848	0.85801	4.3
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2197864	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	15900	0.20382	1.0
	62 2-Hexanone	43	14.011	14.022	(0.930)	132359	1.95212	9.8(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1979206	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.188	15.188	(1.008)	38997	0.17558	0.88(a)
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	17757	0.20610	1.0(aQ)
M	70 Xylenes, Total	106				34803	0.40461	2.0
	71 Xylene (o)	106	15.851	15.846	(1.052)	17046	0.19851	0.99(aQ)
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	62775	0.23779	1.2
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	115995	0.53601	2.7
	84 1,2,4-Trimethylbenzene	105	17.371	17.376	(1.153)	51263	0.23154	1.2
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	6376	0.04125	0.21(aQ)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	fdtj023.d	Date:	25-AUG-2010 10:36
Client ID:	CE-VAPOR-2	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-3		
Lab Sample ID:	200-1086-3		



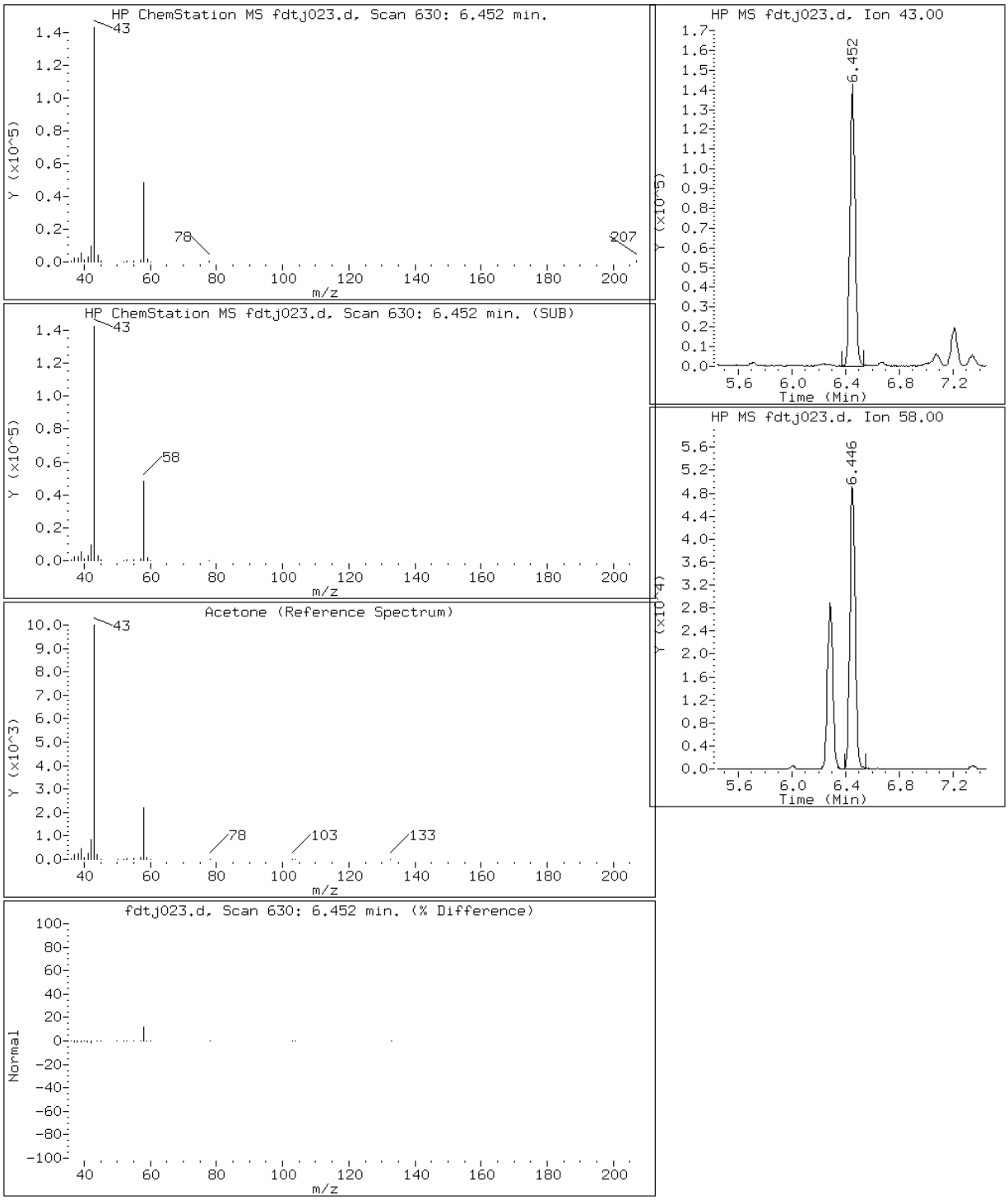
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

20 Acetone



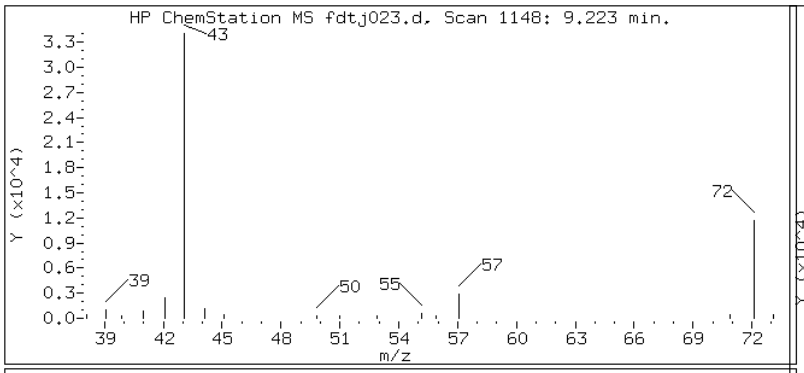
Data File: fdtj023.d

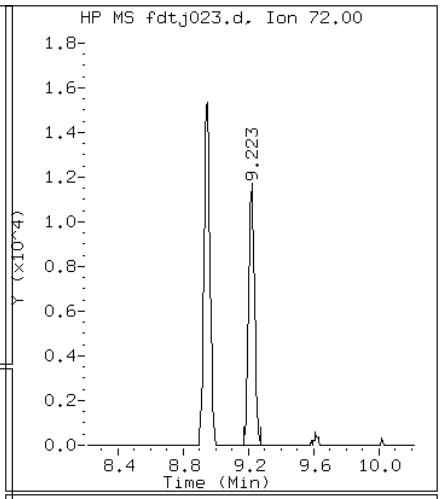
Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

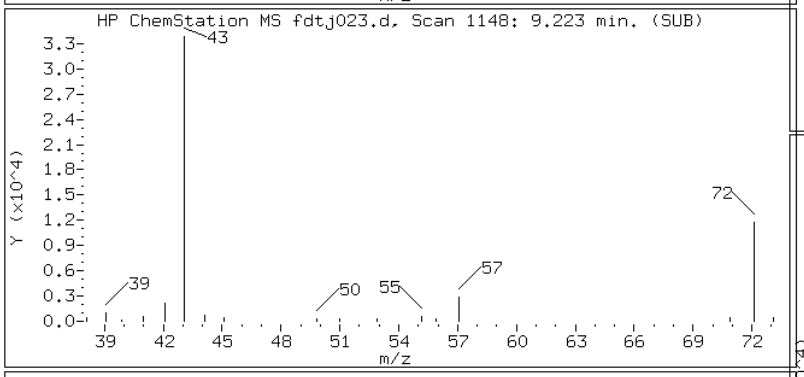
Client ID: CE-VAPOR-2 Instrument: F.i

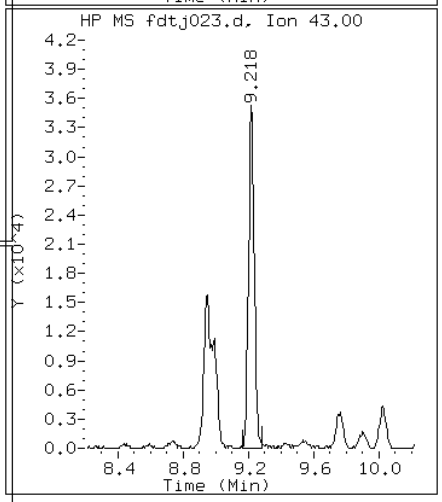
Sample Info: 200-1086-A-3 Operator: wrd

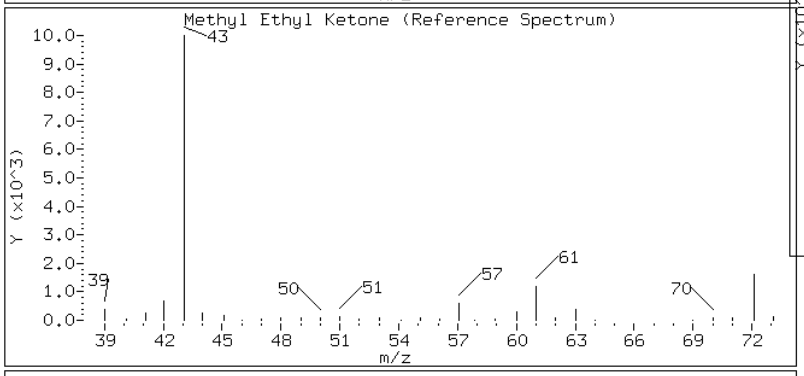
36 Methyl Ethyl Ketone

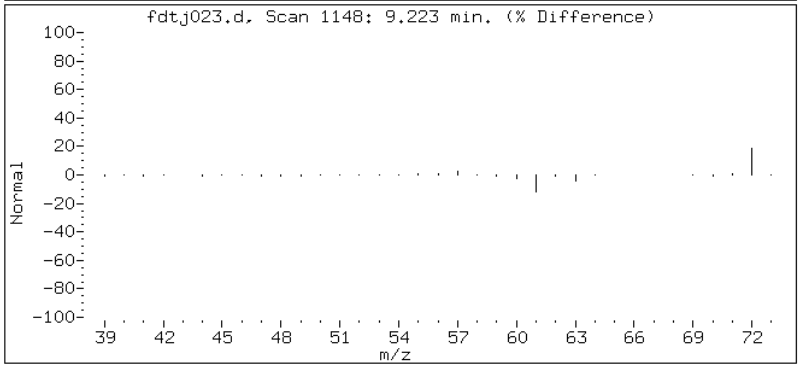












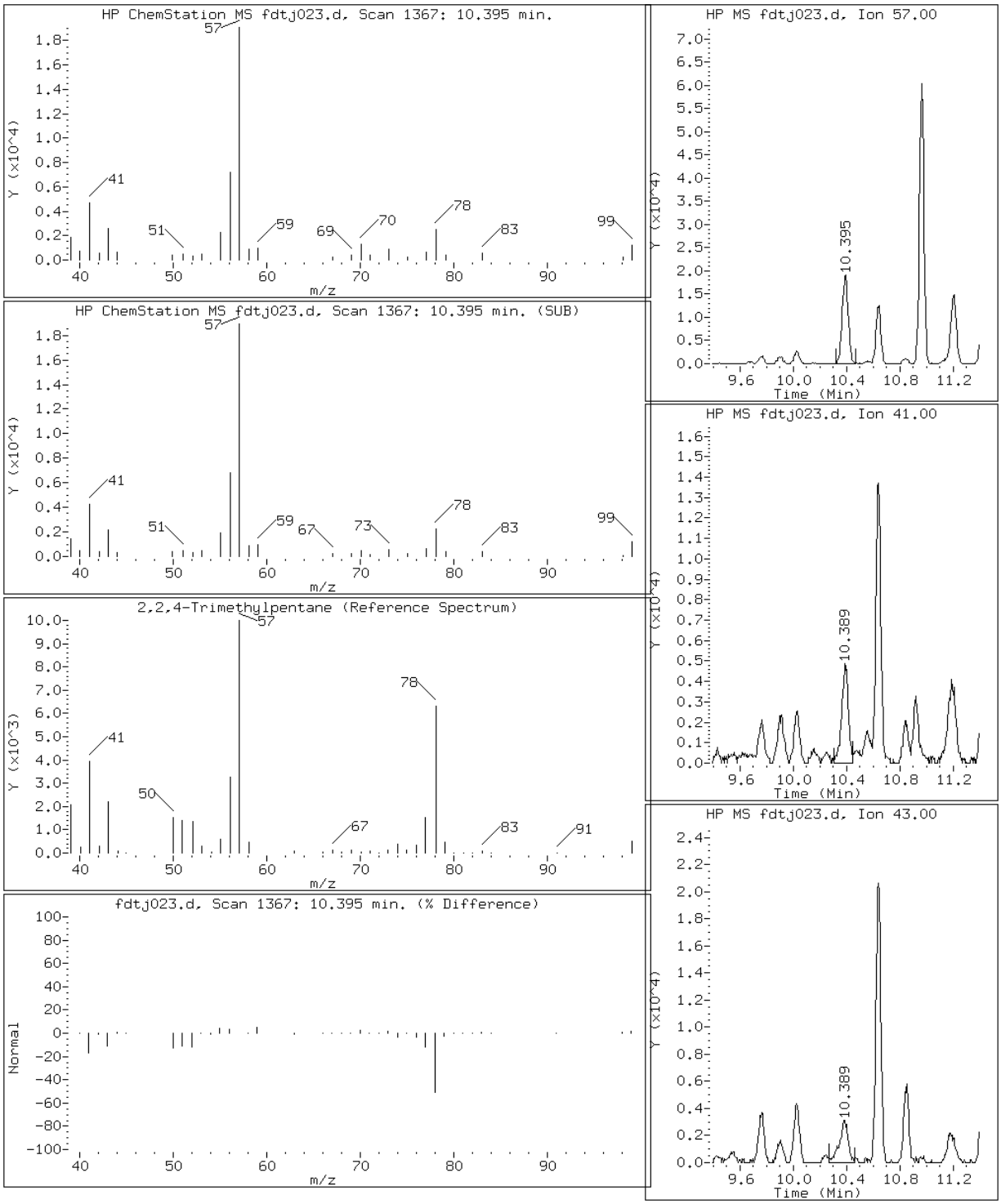
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

43 2,2,4-Trimethylpentane



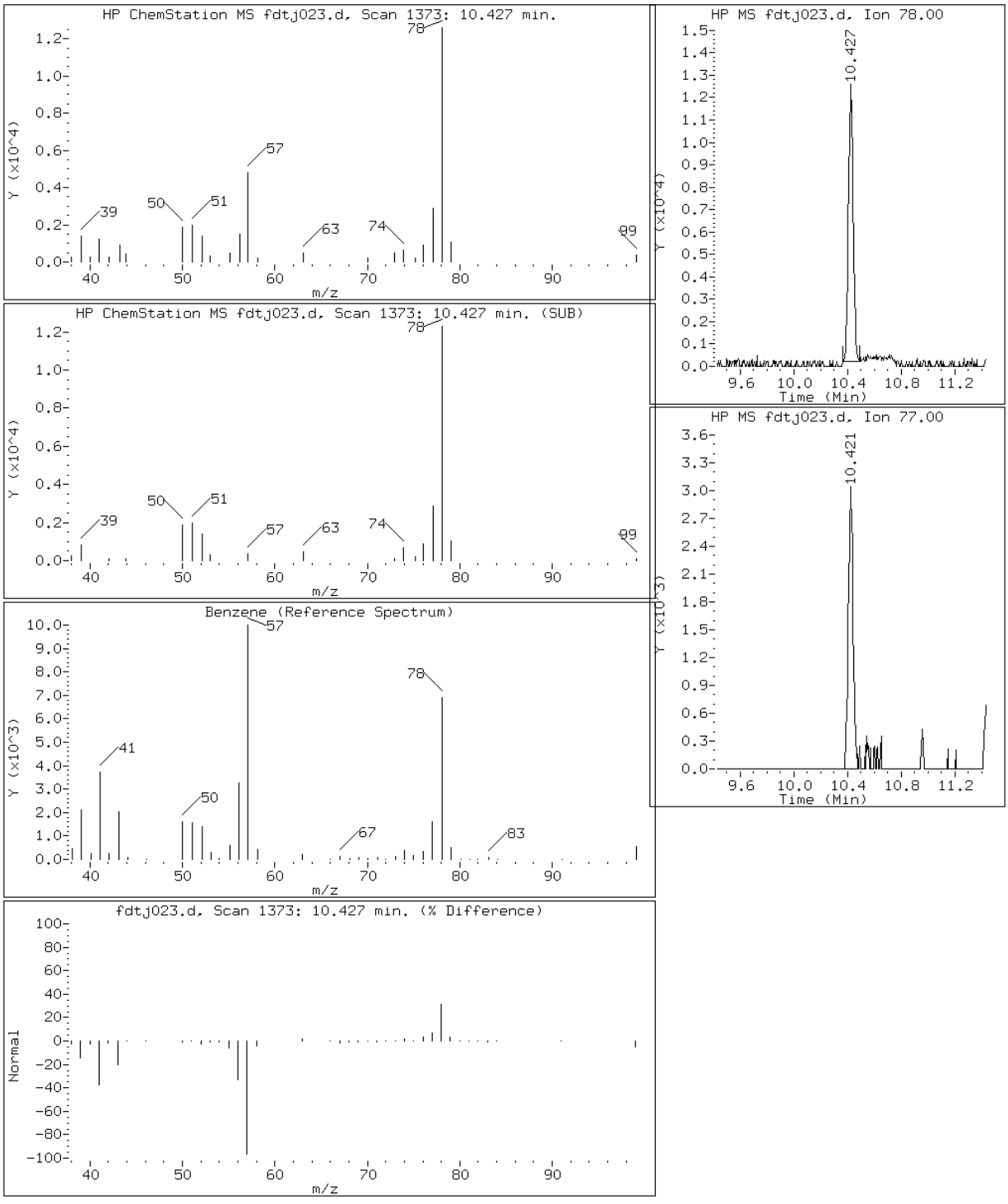
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

44 Benzene



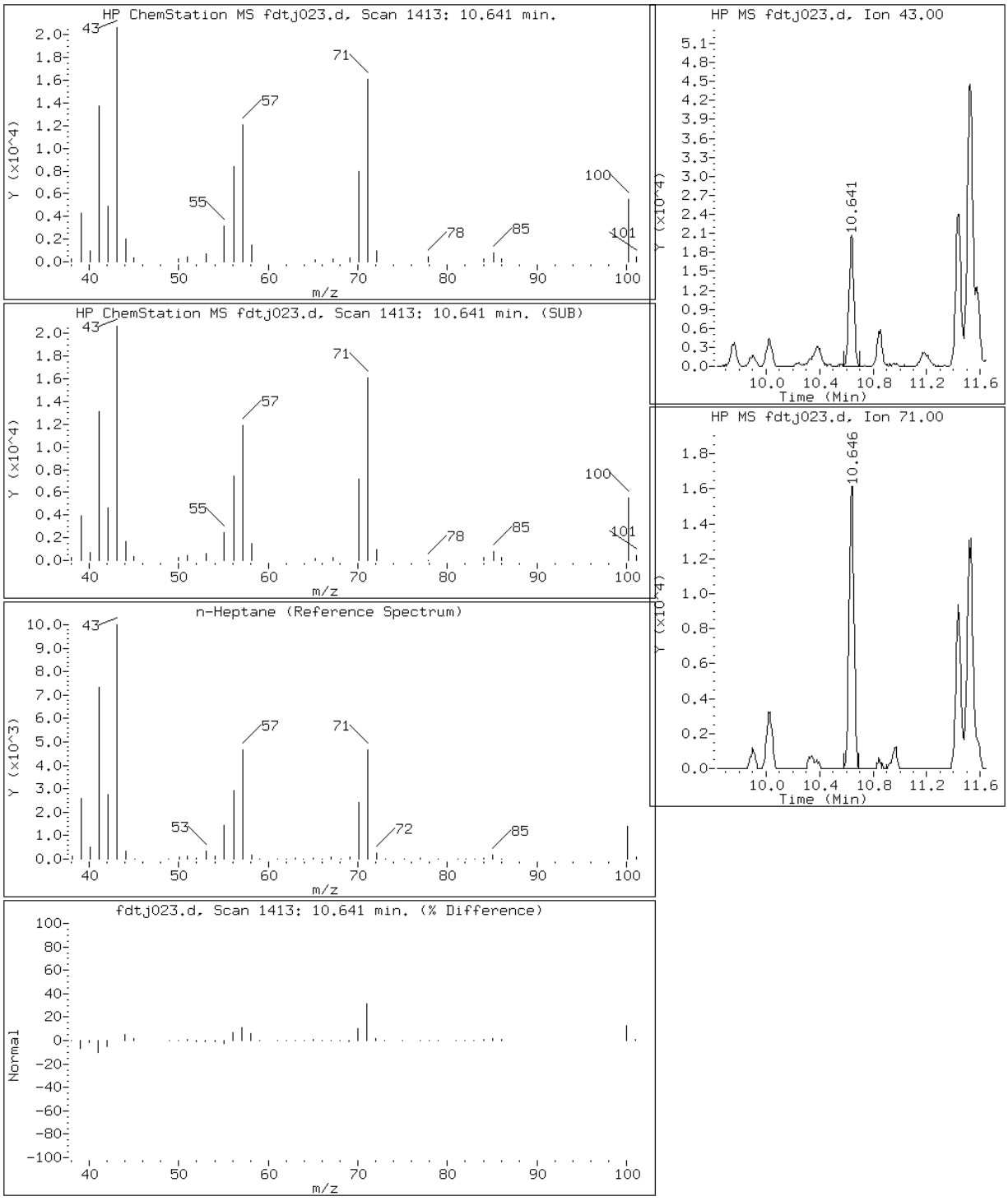
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

46 n-Heptane



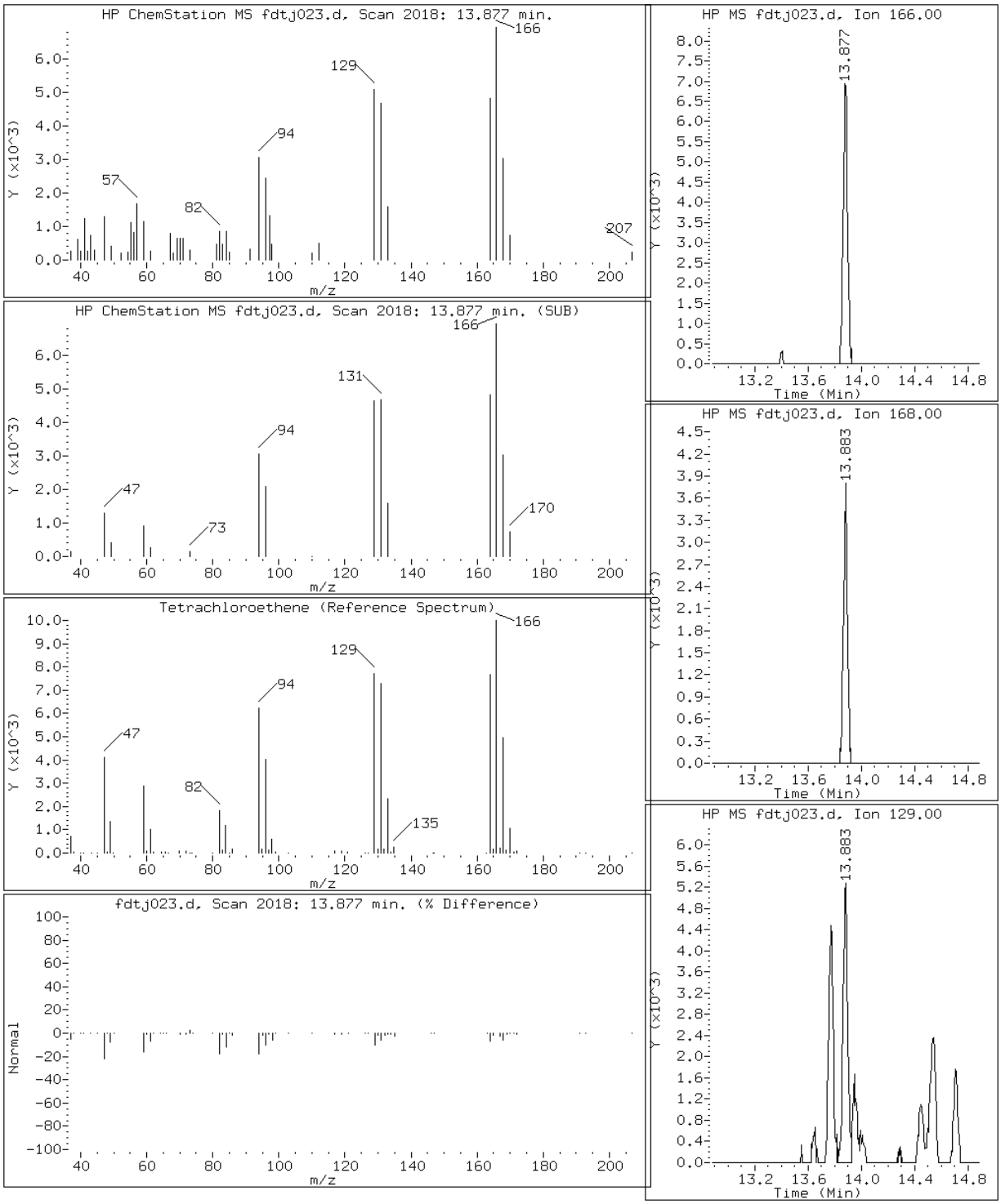
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

61 Tetrachloroethene



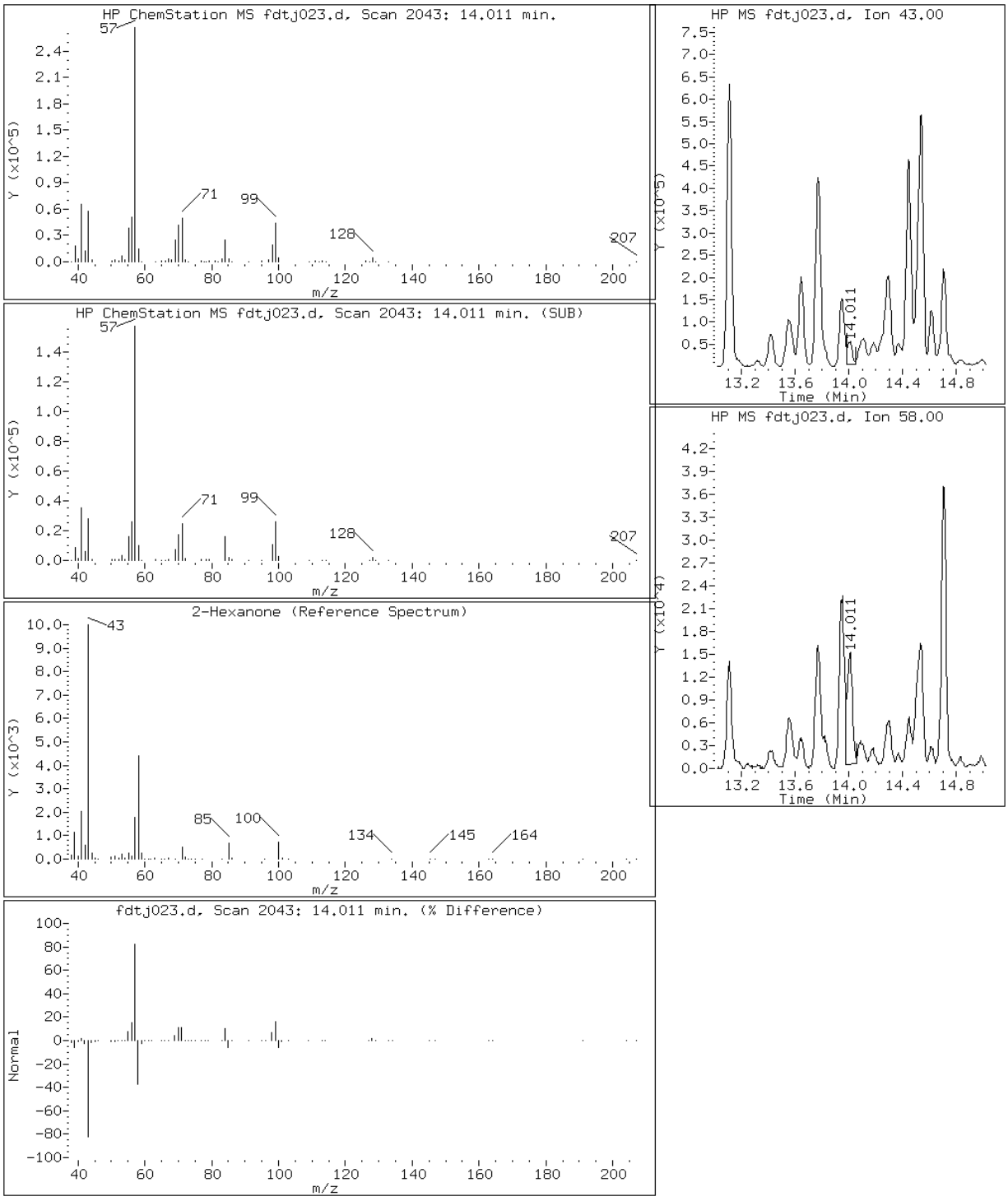
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

62 2-Hexanone



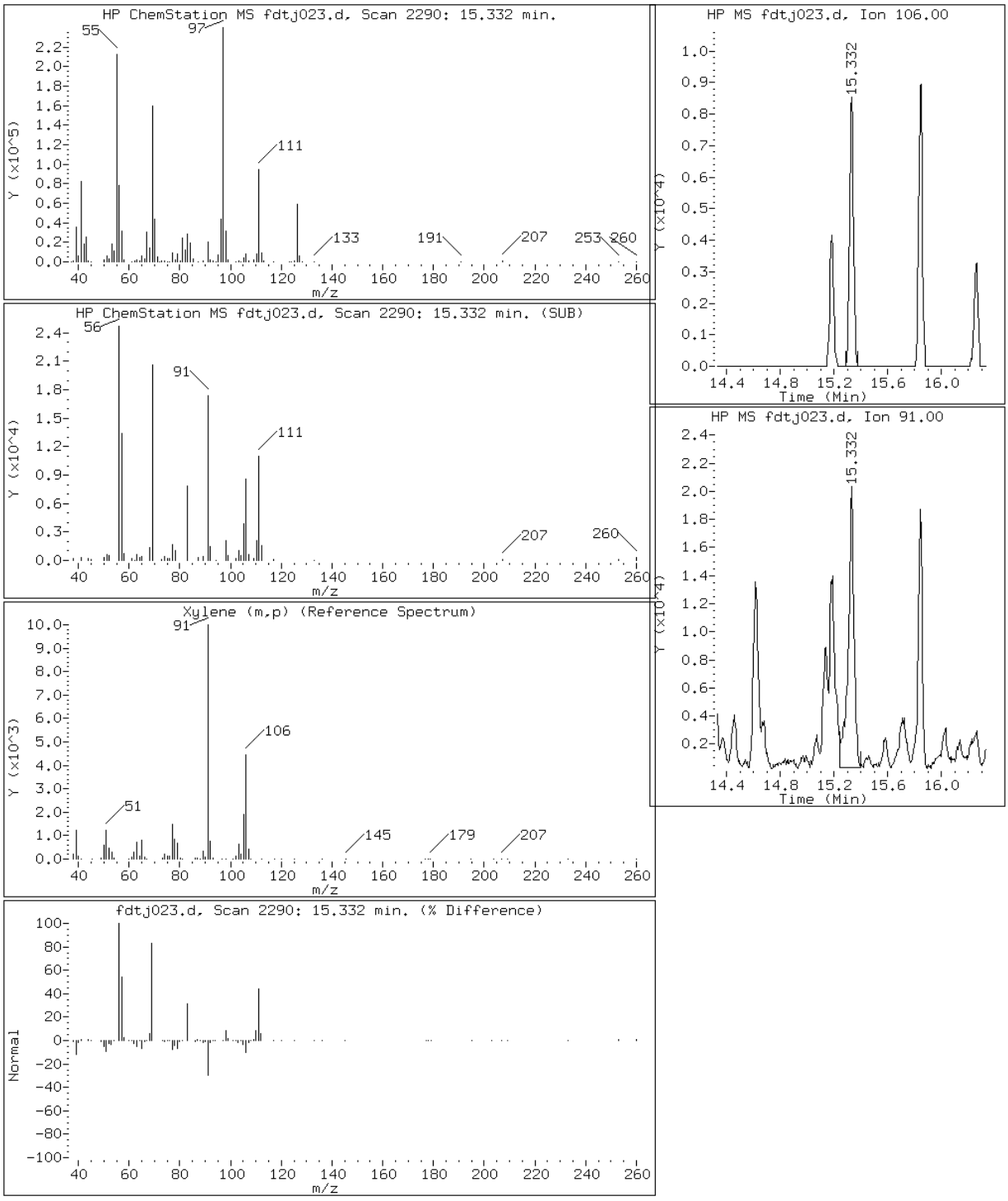
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

69 Xylene (m,p)



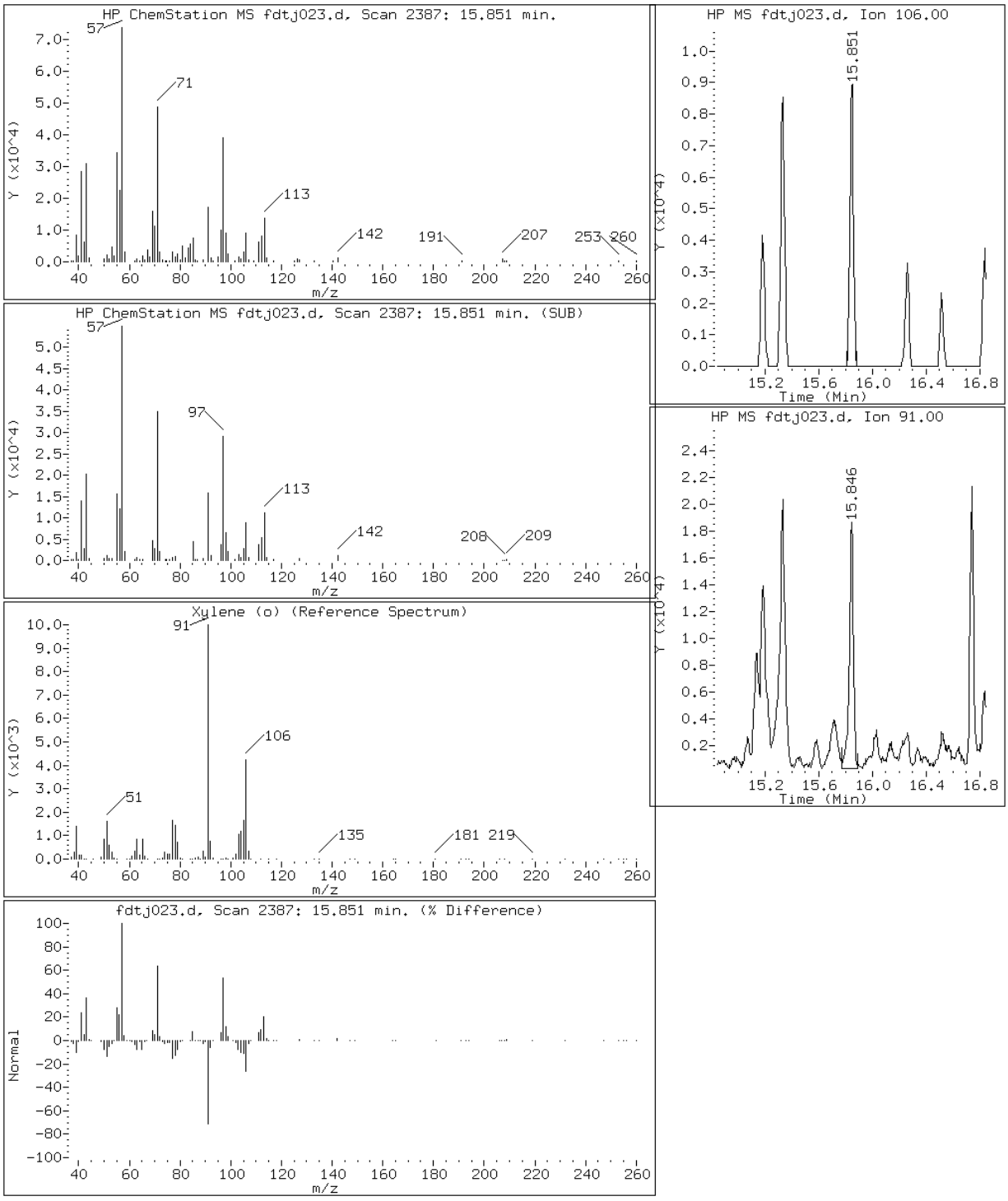
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

71 Xylene (o)



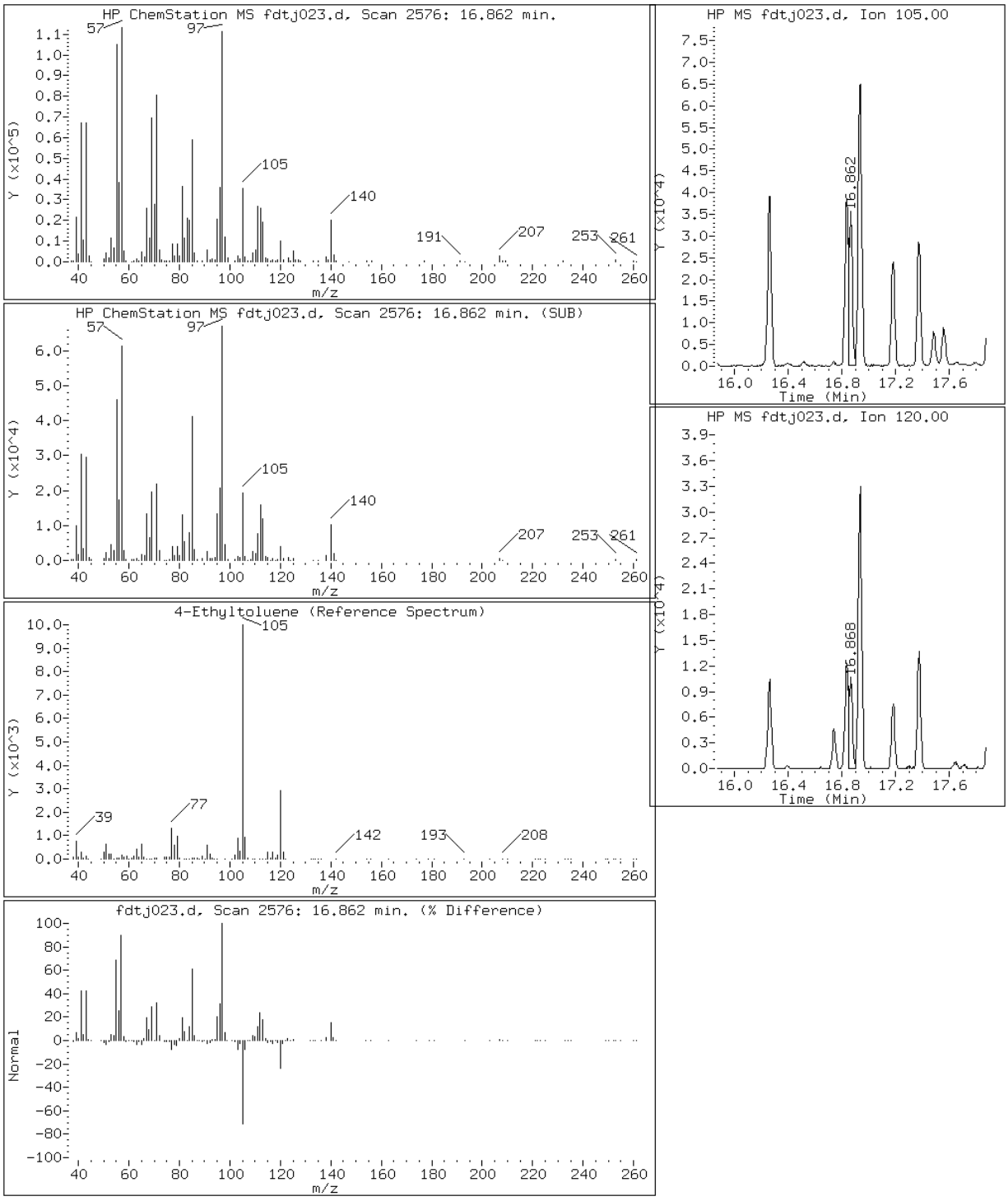
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

79 4-Ethyltoluene



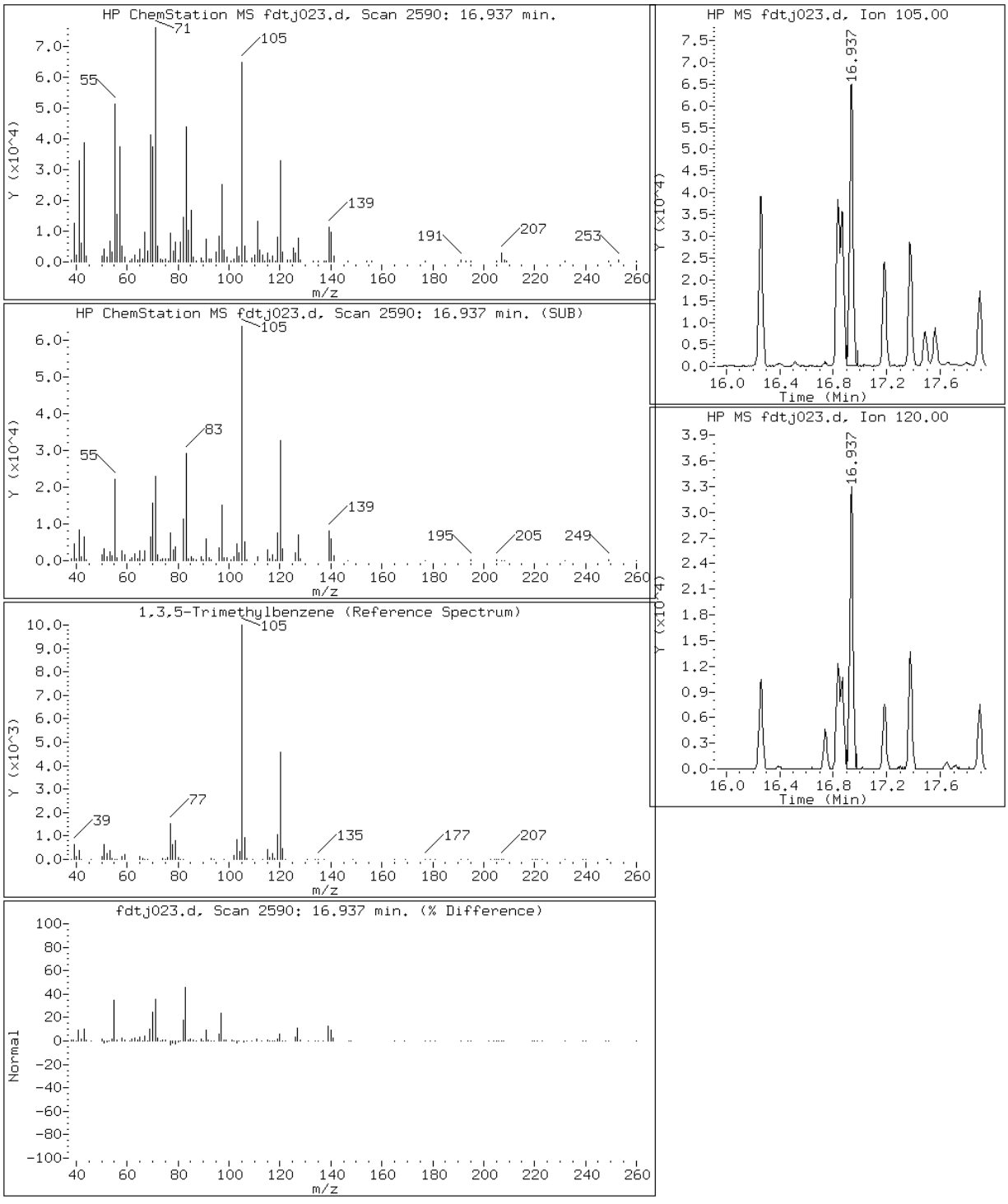
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

81 1,3,5-Trimethylbenzene



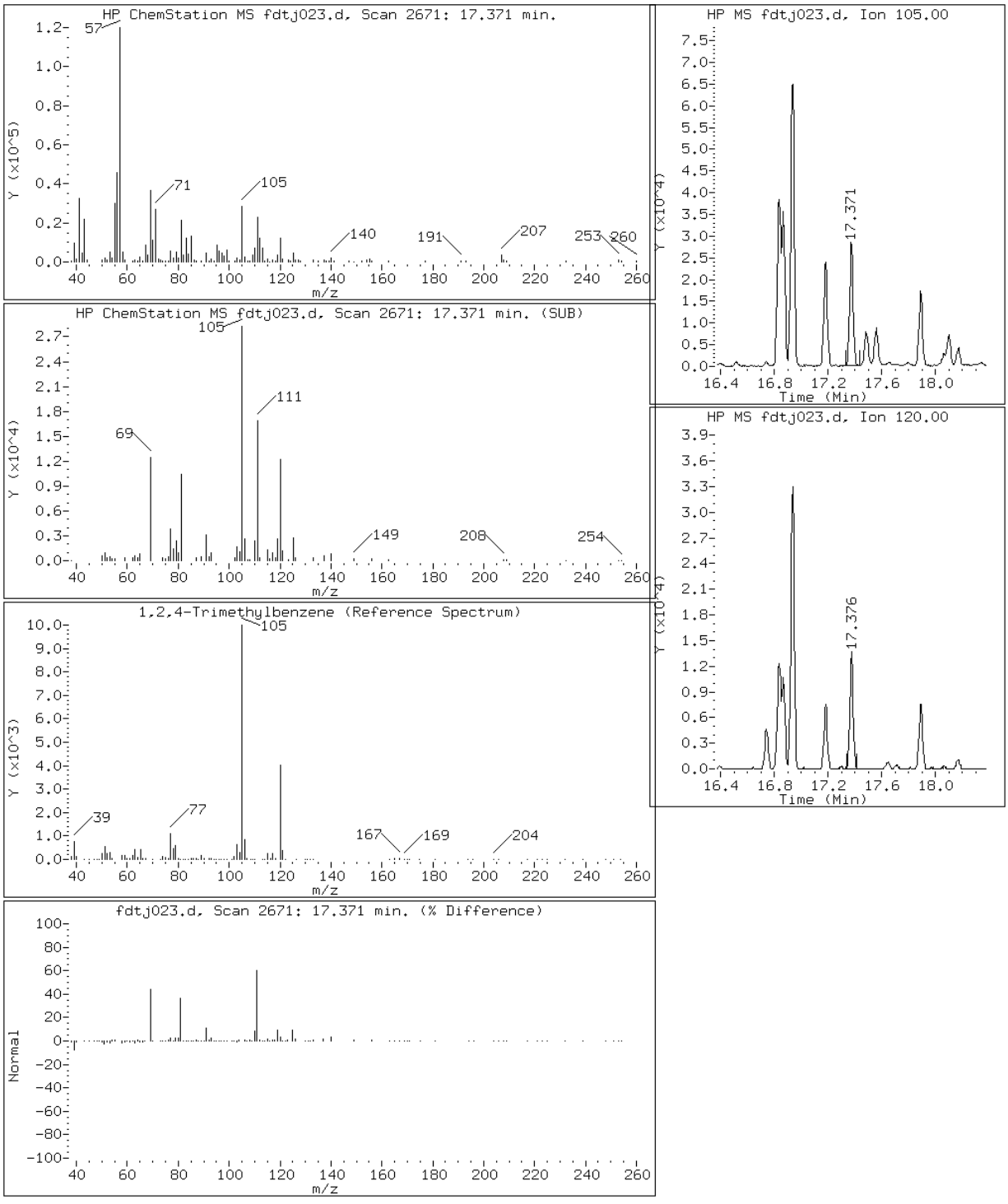
Data File: fdtj023.d

Lab Sample ID: 200-1086-3 Date: 25-AUG-2010 10:36

Client ID: CE-VAPOR-2 Instrument: F.i

Sample Info: 200-1086-A-3 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: fdtj023.d
Lab Sample ID: 200-1086-3
Inj. Date and Time: 25-AUG-2010 10:36
Instrument ID: F.i
Client ID: CE-VAPOR-2
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 08/26/2010

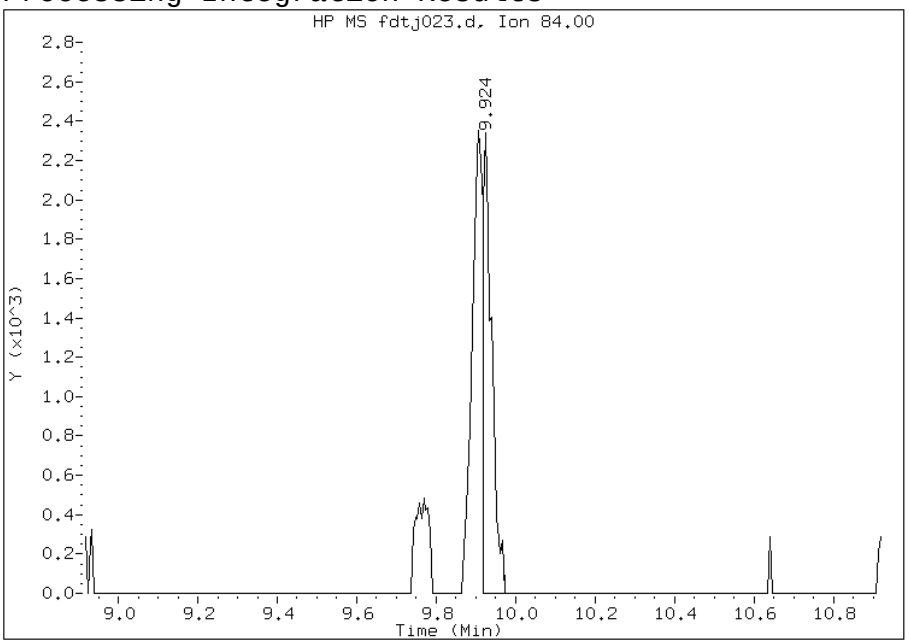
Processing Integration Results

RT: 9.92

Response: 3567

Amount: 0.056416

Conc: 0.282079



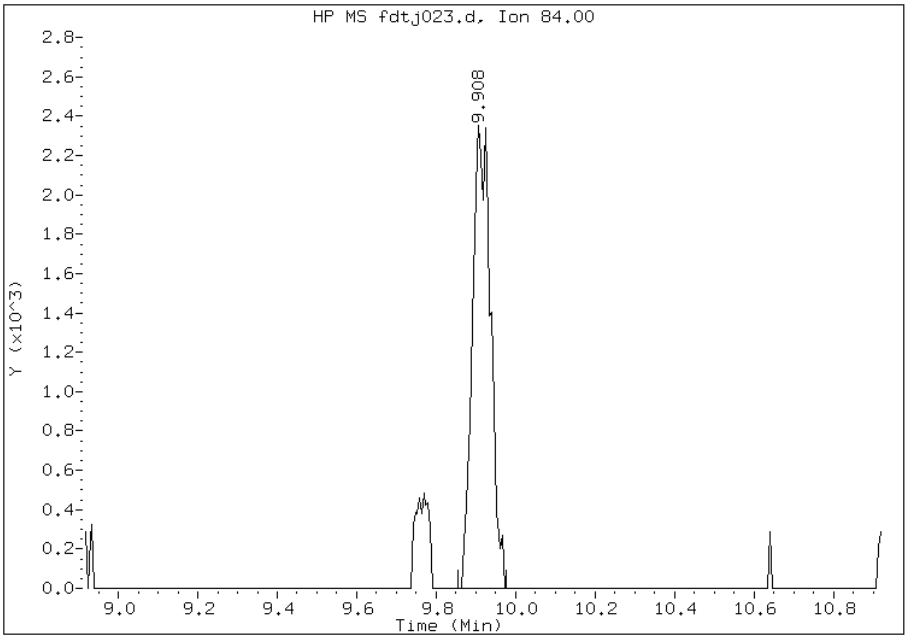
Manual Integration Results

RT: 9.91

Response: 7467

Amount: 0.118098

Conc: 0.590492



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	25	U	25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.3		1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.065
71-43-2	Benzene	78.11	1.0	U	1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	5.0		1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0	U	1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	4.7		1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.6		2.5	0.12
95-47-6	Xylene, o-	106.17	11		1.0	0.25
1330-20-7	Xylene (total)	106.17	13		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	7.2		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0		1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	59	U	59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	4.4		3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.30
71-43-2	Benzene	78.11	3.2	U	3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	20		4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 200-1086-4

Matrix: Air Lab File ID: fdtj026.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:57

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 13:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.8	U	6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	42		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	21		4.3	0.30
179601-23-1	m,p-Xylene	106.17	11		11	0.50
95-47-6	Xylene, o-	106.17	47		4.3	1.1
1330-20-7	Xylene (total)	106.17	58		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	36		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	5.0		4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-4
Client Smp ID: CE-VAPOR-3
Inj Date : 25-AUG-2010 13:09
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-4
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 12
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	7318	0.06510	0.33(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	Compound Not Detected.					
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

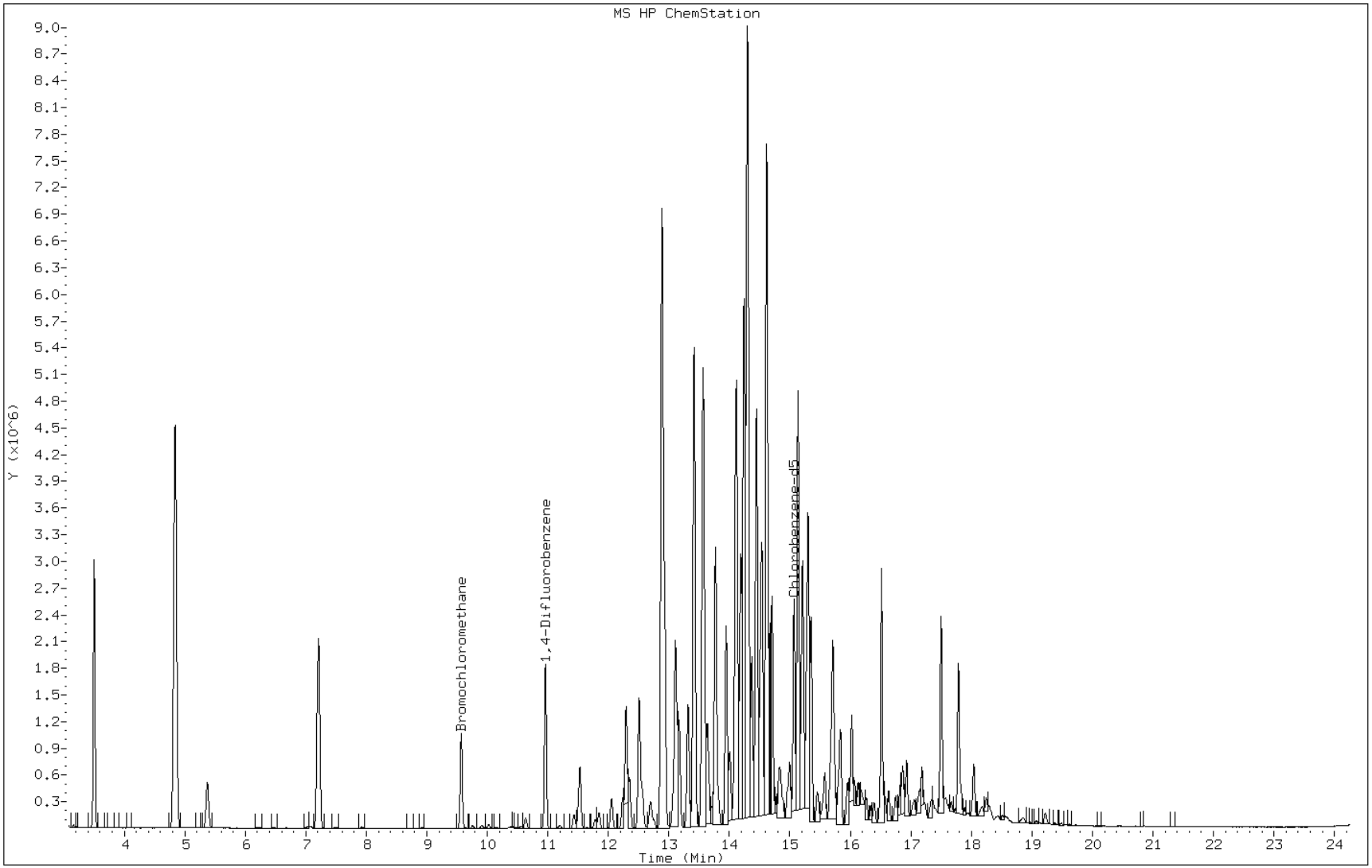
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	11853	0.19663	0.98(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	426333	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.645	9.651	(1.008)	4082	0.04252	0.21(a)
	40 Cyclohexane	84	9.908	9.918	(0.904)	15264	0.25607	1.3(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	7616	0.04224	0.21(aQ)
	44 Benzene	78	10.427	10.432	(0.951)	21252	0.15162	0.76(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.635	10.641	(0.970)	57818	0.99569	5.0
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2072065	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.112	13.118	(0.870)	12550	0.14766	0.74(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	13340	0.19656	0.98(a)
	62 2-Hexanone	43	14.005	14.022	(0.929)	121291	2.05623	10(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1721869	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	183195	0.94808	4.7
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	39373	0.52529	2.6(Q)
M	70 Xylenes, Total	106				201008	2.68891	13
	71 Xylene (o)	106	15.846	15.846	(1.051)	161635	2.16361	11
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.868	16.873	(1.119)	39942	0.17391	0.87(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	272875	1.44941	7.2
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	39355	0.20432	1.0
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	fdtj026.d	Date:	25-AUG-2010 13:09
Client ID:	CE-VAPOR-3	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-4		
Lab Sample ID:	200-1086-4		



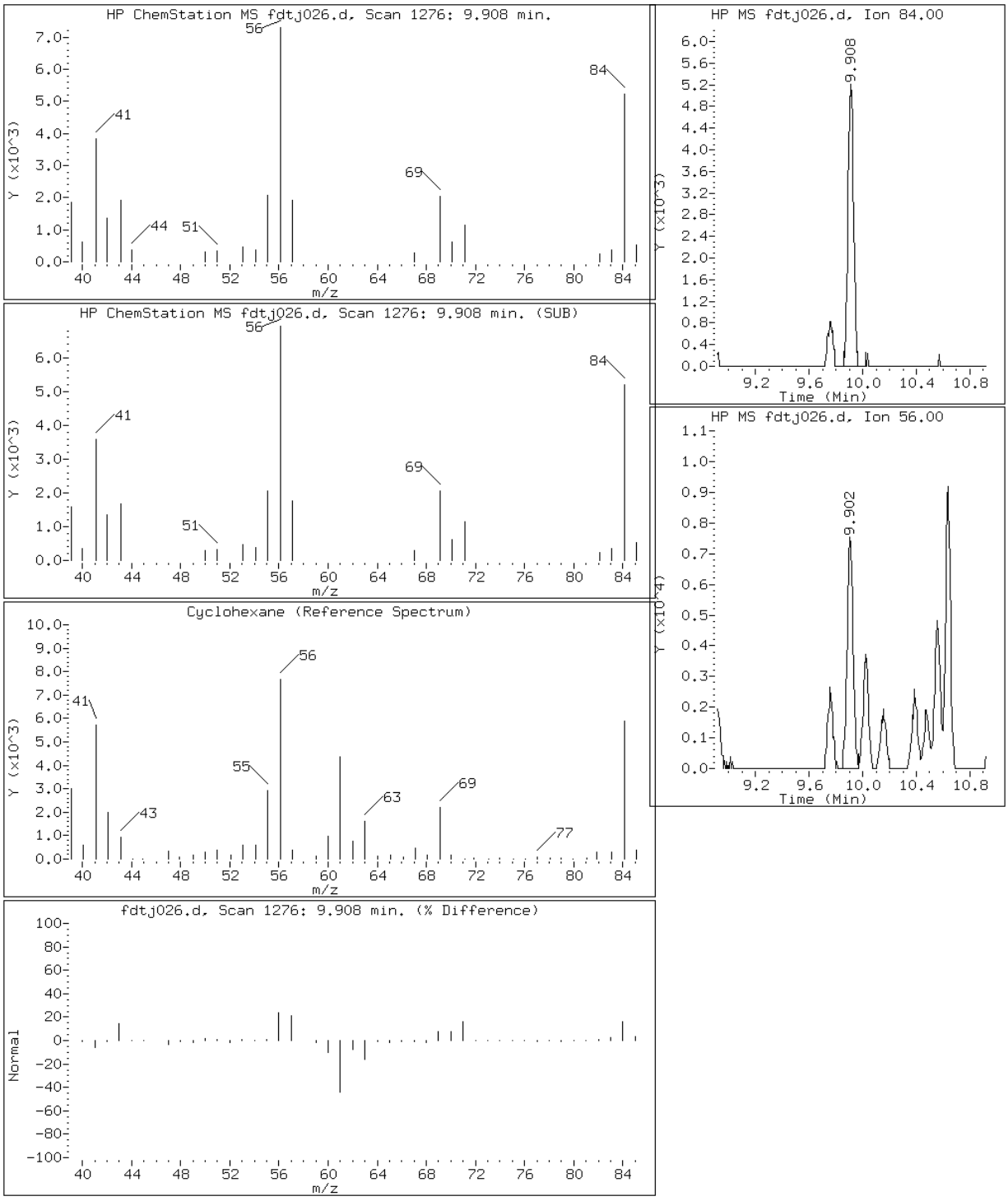
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

40 Cyclohexane



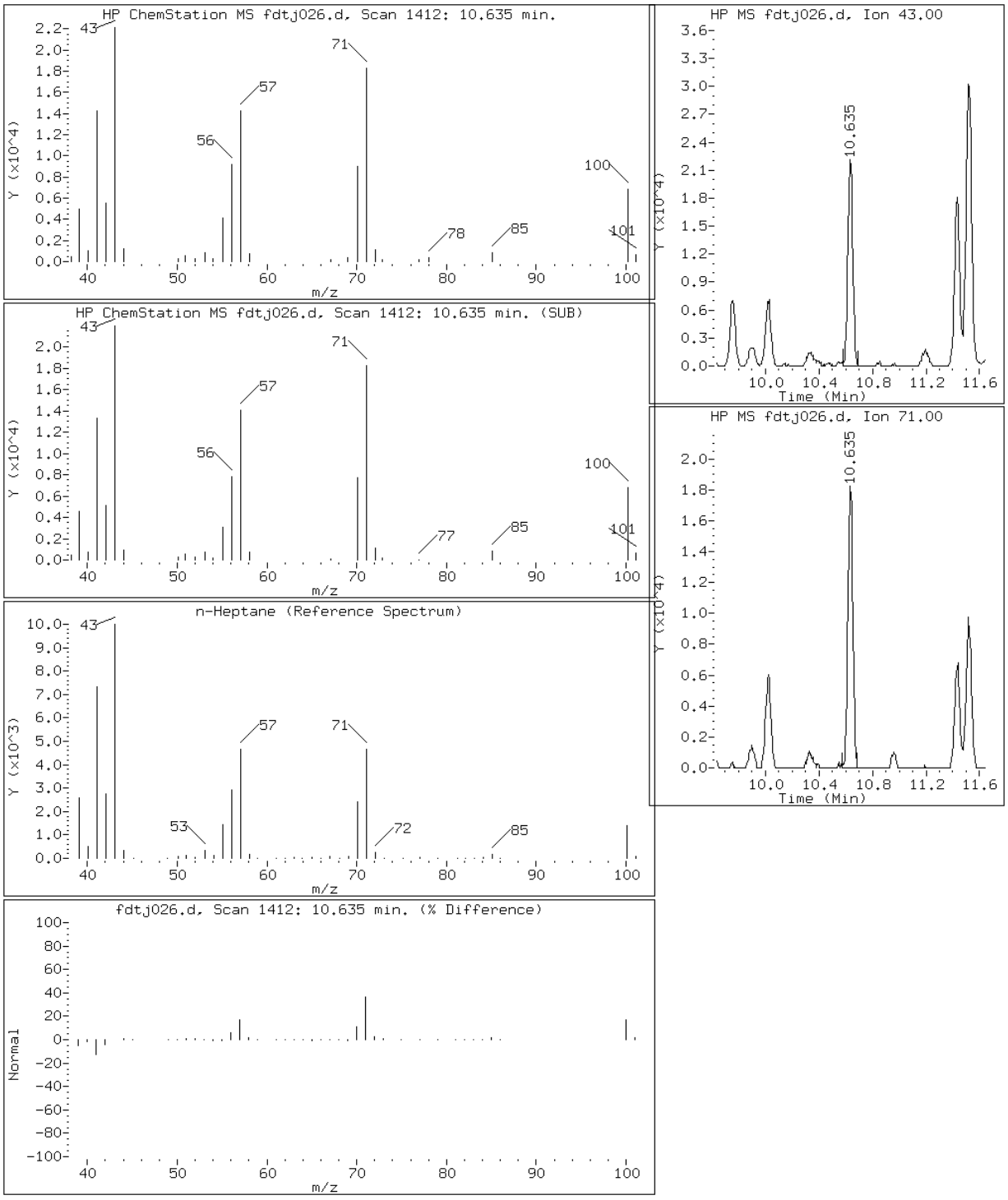
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

46 n-Heptane



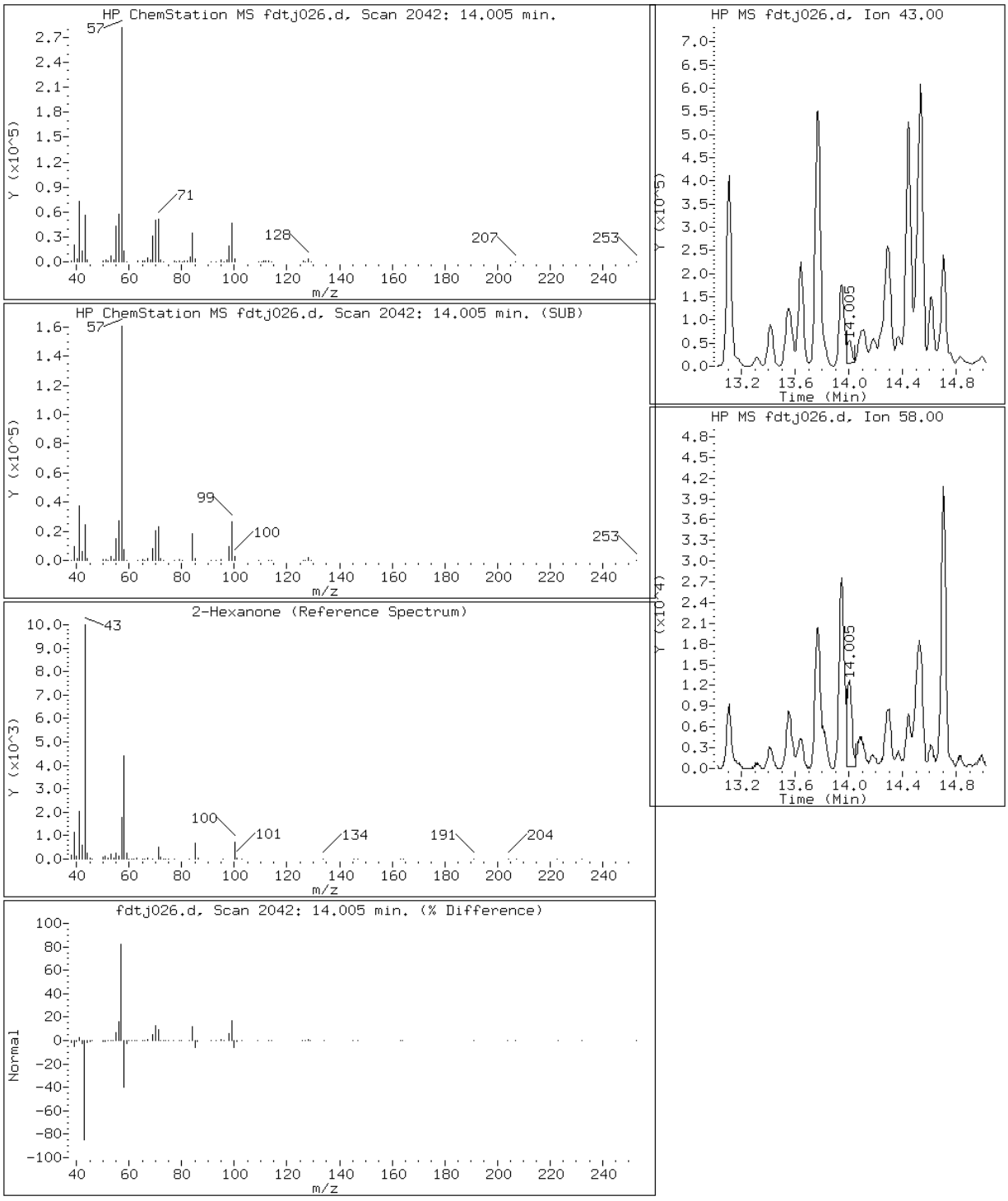
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

62 2-Hexanone



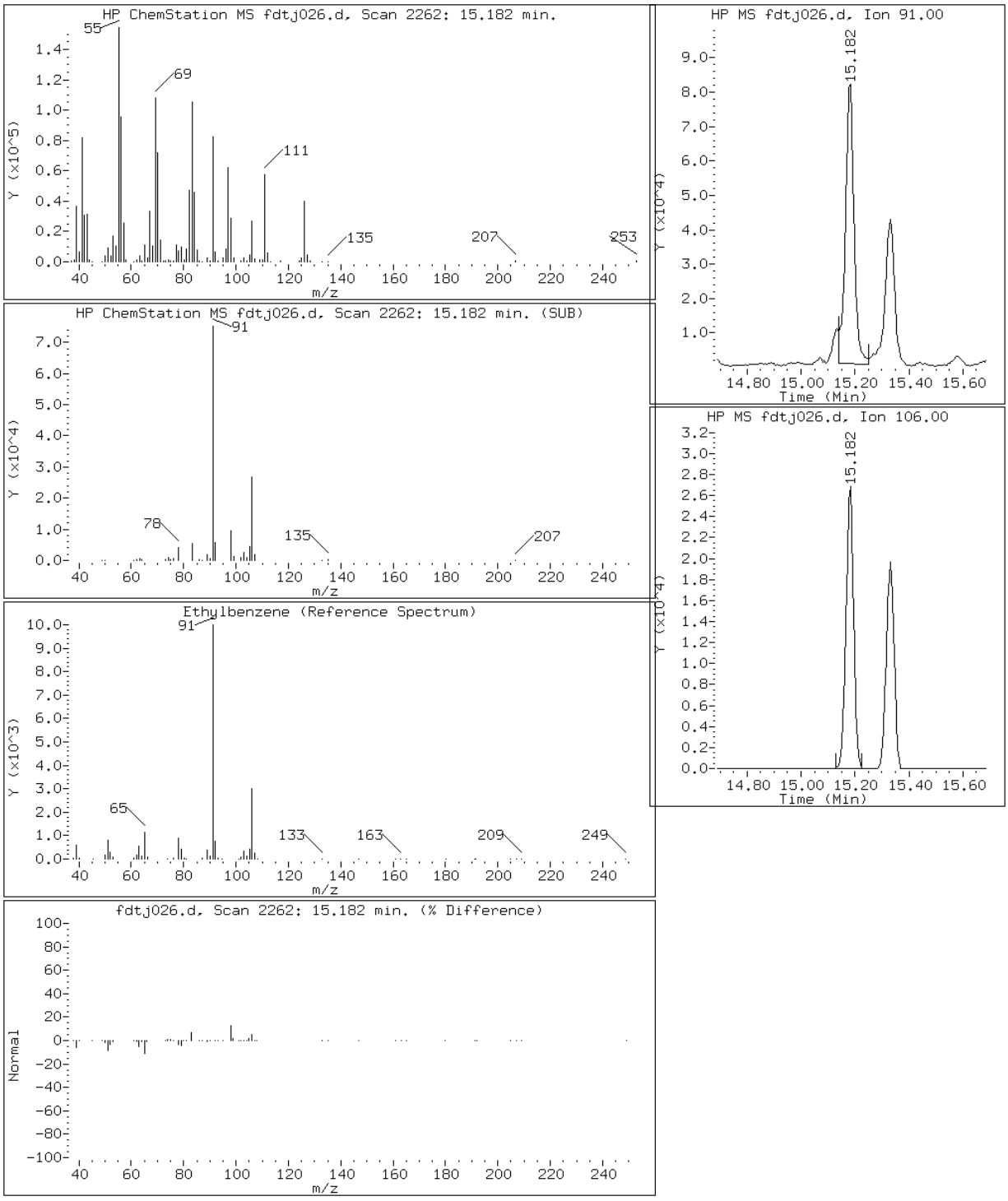
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

68 Ethylbenzene



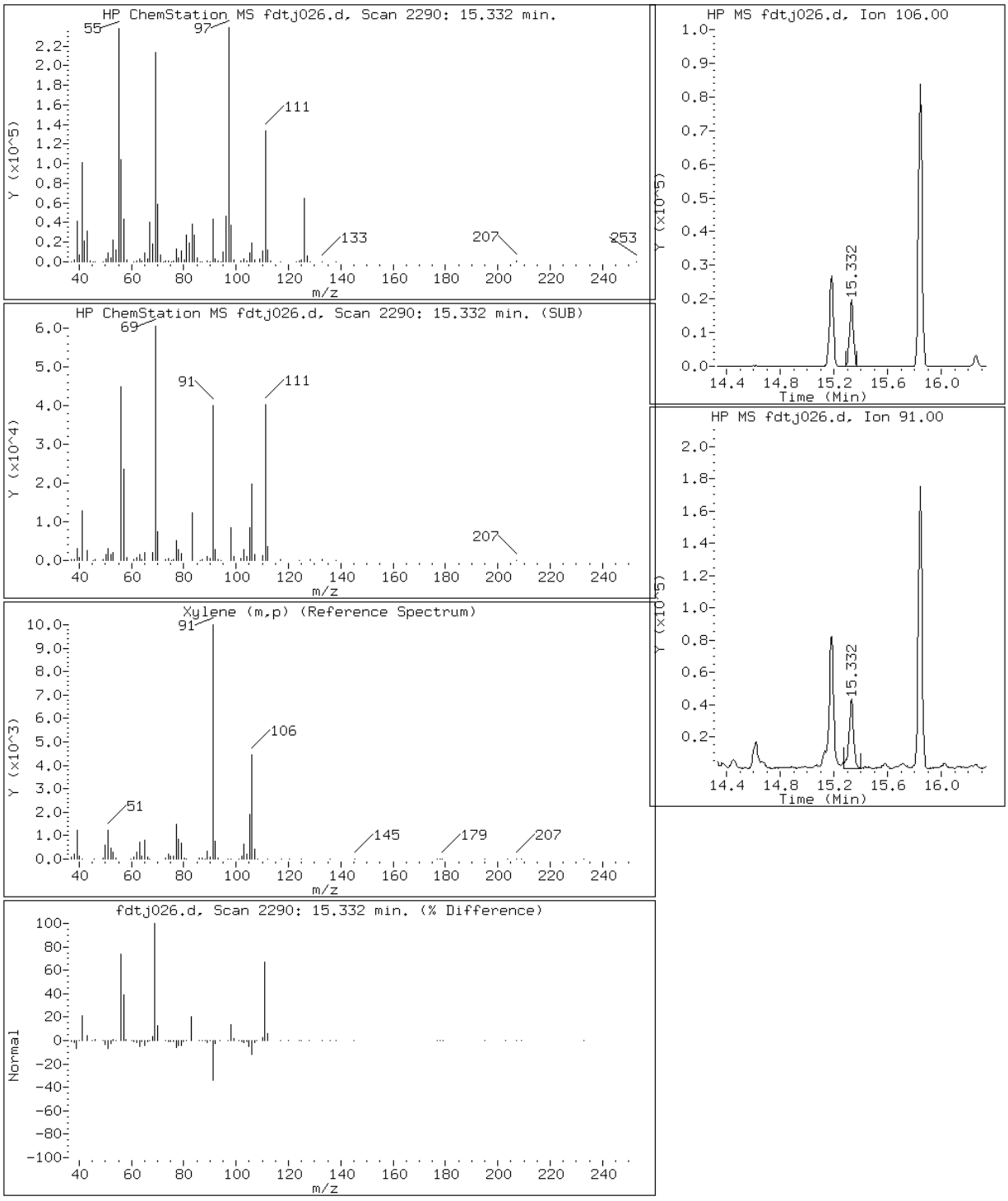
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

69 Xylene (m,p)



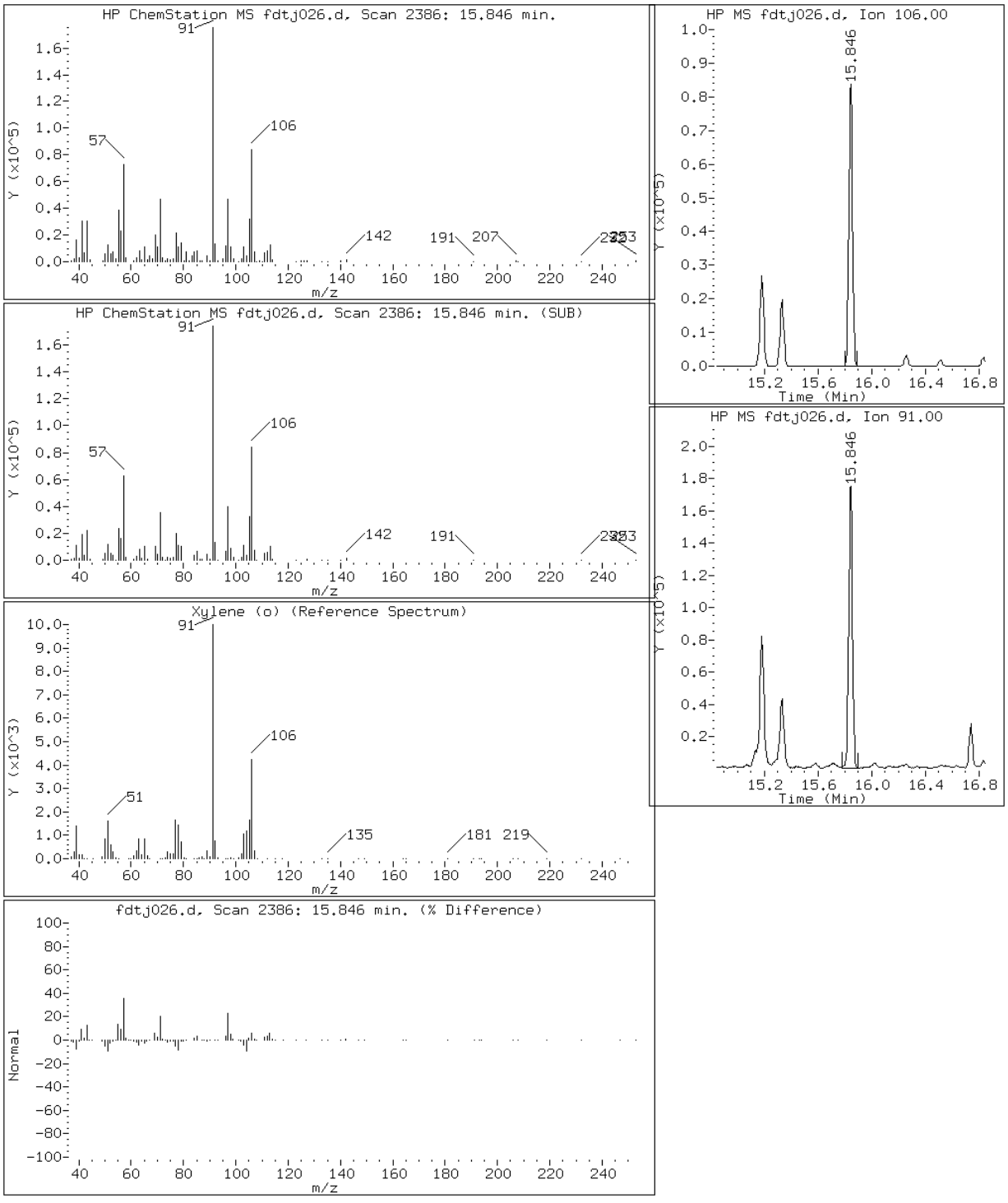
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

71 Xylene (o)



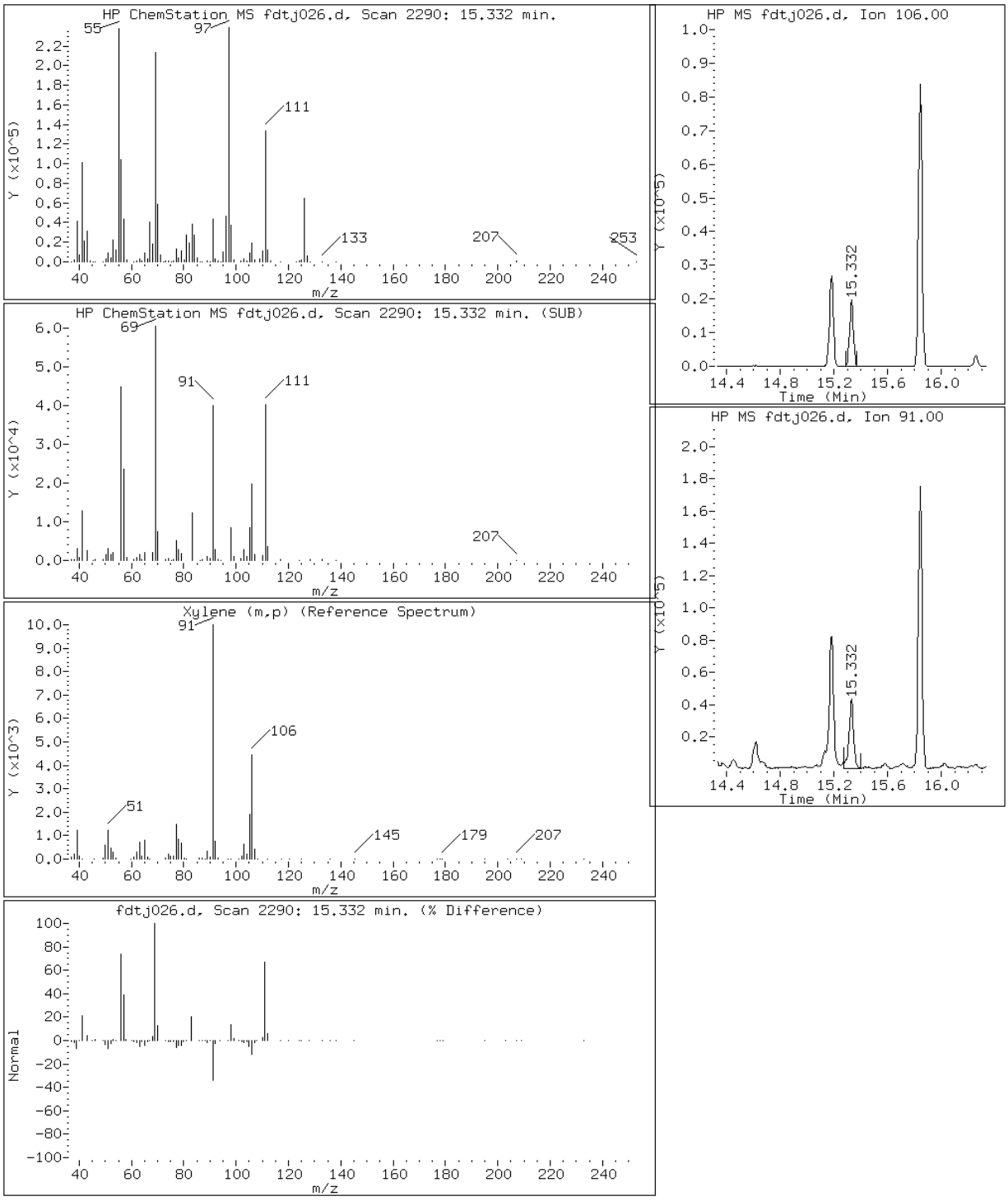
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

69 Xylene (m,p)



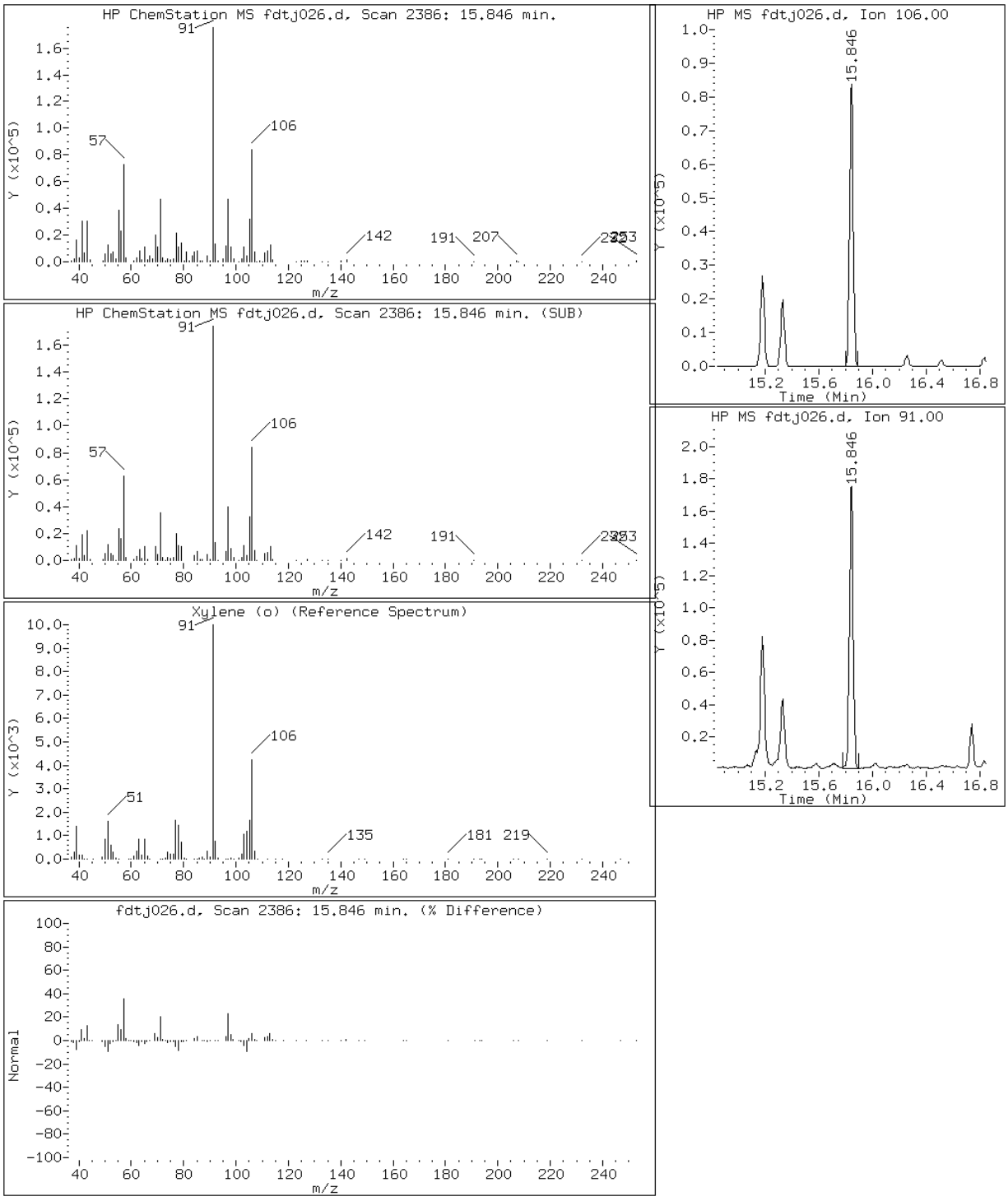
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

71 Xylene (o)



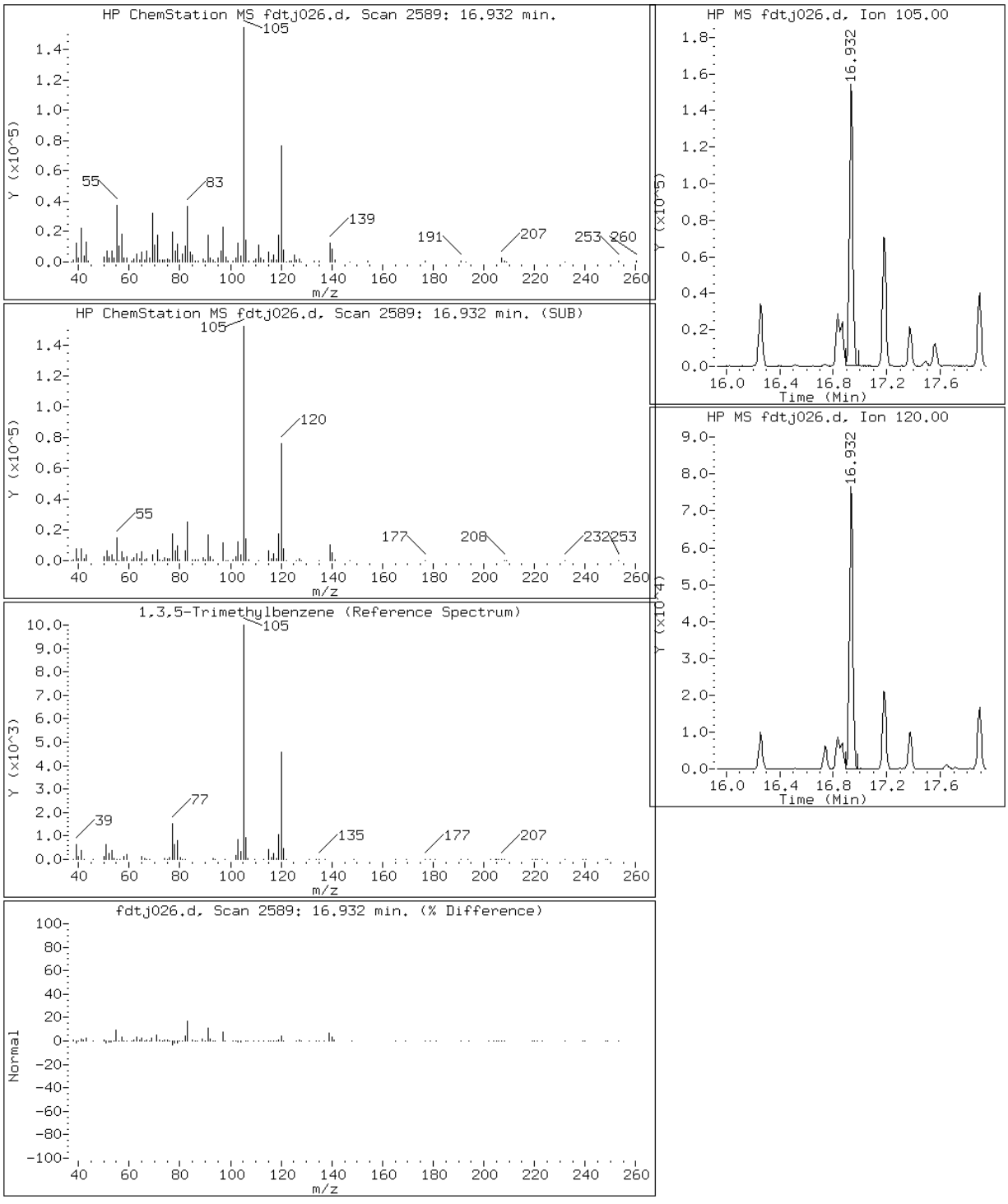
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

81 1,3,5-Trimethylbenzene



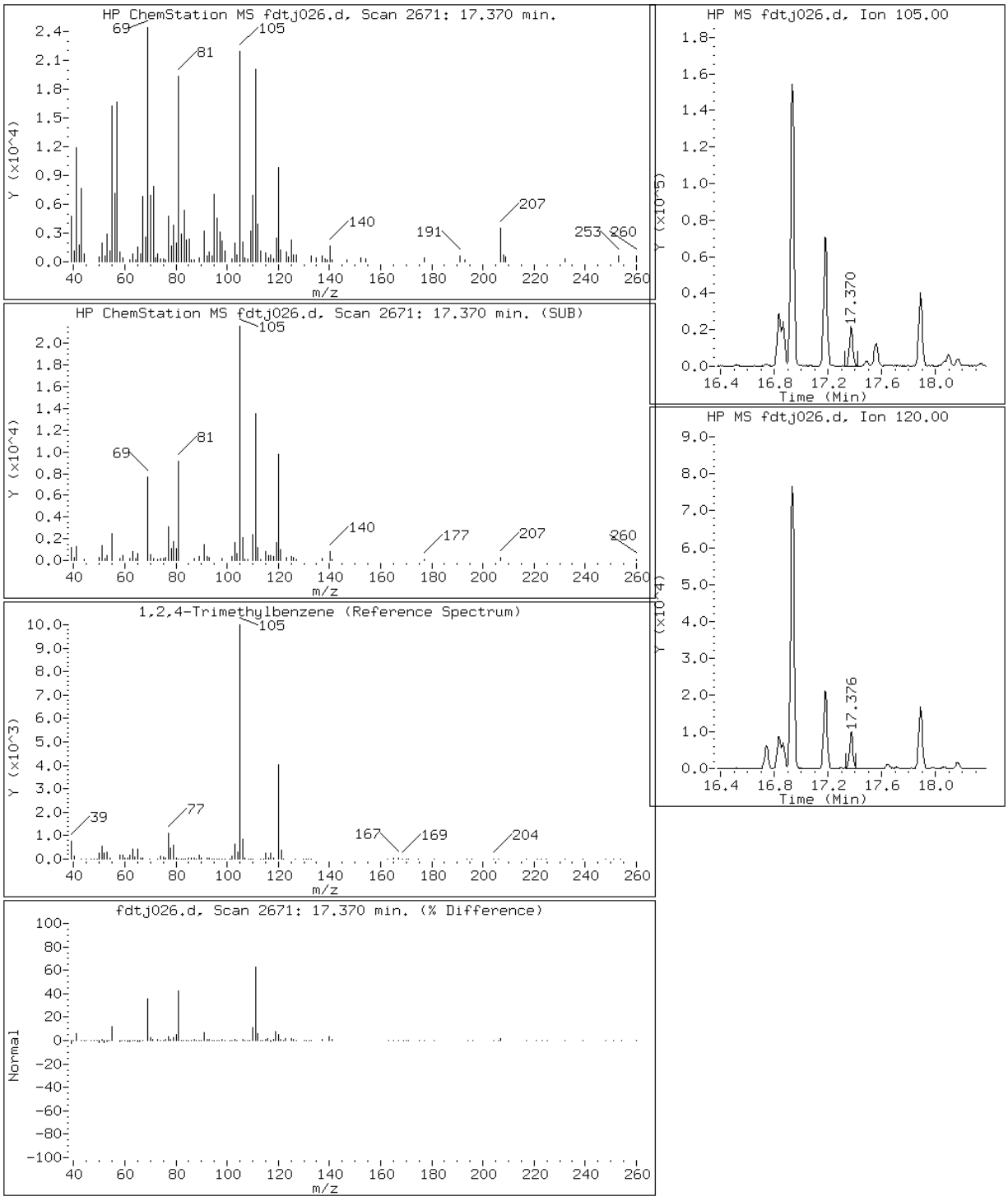
Data File: fdtj026.d

Lab Sample ID: 200-1086-4 Date: 25-AUG-2010 13:09

Client ID: CE-VAPOR-3 Instrument: F.i

Sample Info: 200-1086-A-4 Operator: wrd

84 1,2,4-Trimethylbenzene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.060
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.060
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.10
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.12
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.14
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.070
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.50
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	Freon TF	187.38	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.075
67-64-1	Acetone	58.08	25	U	25	5.0
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.22
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.25
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.14
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.15
75-65-0	tert-Butyl alcohol	74.12	25	U	25	0.50
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.065
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
110-54-3	n-Hexane	86.17	1.0	U	1.0	0.12
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.065
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	0.32
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.25
540-59-0	1,2-Dichloroethene, Total	96.94	1.0	U	1.0	0.50
67-66-3	Chloroform	119.38	1.0	U	1.0	0.25
109-99-9	Tetrahydrofuran	72.11	25	U	25	0.50
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.25
110-82-7	Cyclohexane	84.16	1.1		1.0	0.060
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.065
71-43-2	Benzene	78.11	1.2		1.0	0.25
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.075
142-82-5	n-Heptane	100.21	2.8		1.0	0.14
79-01-6	Trichloroethene	131.39	1.0	U	1.0	0.070

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.080
123-91-1	1,4-Dioxane	88.11	25	U	25	0.18
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.25
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.32
108-88-3	Toluene	92.14	1.0	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.32
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.25
127-18-4	Tetrachloroethene	165.83	1.0	U	1.0	0.085
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.9		2.5	0.14
124-48-1	Dibromochloromethane	208.29	1.0	U	1.0	0.25
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.060
108-90-7	Chlorobenzene	112.30	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	106.17	2.6		1.0	0.070
179601-23-1	m,p-Xylene	106.17	2.5	U	2.5	0.12
95-47-6	Xylene, o-	106.17	7.3		1.0	0.25
1330-20-7	Xylene (total)	106.17	9.4		1.0	0.75
100-42-5	Styrene	104.15	1.0	U	1.0	0.25
75-25-2	Bromoform	252.75	1.0	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.25
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.32
108-67-8	1,3,5-Trimethylbenzene	120.20	4.3		1.0	0.32
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0	U	1.0	0.32
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.090
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.10
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.085
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	0.16
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	0.42
74-87-3	Chloromethane	50.49	5.2	U	5.2	0.22
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.32
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.30
74-83-9	Bromomethane	94.94	3.9	U	3.9	0.27
75-00-3	Chloroethane	64.52	6.6	U	6.6	1.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	Freon TF	187.38	7.7	U	7.7	1.9
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	59	U	59	12
67-63-0	Isopropyl alcohol	60.10	61	U	61	0.53
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	0.78
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	0.45
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	0.52
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.23
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
110-54-3	n-Hexane	86.17	3.5	U	3.5	0.41
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	0.94
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.99
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.9	U	4.9	1.2
109-99-9	Tetrahydrofuran	72.11	74	U	74	1.5
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.4
110-82-7	Cyclohexane	84.16	3.6		3.4	0.21
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	1.6
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.30
71-43-2	Benzene	78.11	3.7		3.2	0.80
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	12		4.1	0.55
79-01-6	Trichloroethene	131.39	5.4	U	5.4	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 200-1086-5

Matrix: Air Lab File ID: fdtk006.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:56

Sample wt/vol: 40(mL) Date Analyzed: 08/25/2010 18:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	0.37
123-91-1	1,4-Dioxane	88.11	90	U	90	0.63
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	1.3
108-88-3	Toluene	92.14	3.8	U	3.8	0.94
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.5
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	6.8	U	6.8	0.58
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	36		10	0.57
124-48-1	Dibromochloromethane	208.29	8.5	U	8.5	2.1
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.46
108-90-7	Chlorobenzene	112.30	4.6	U	4.6	1.1
100-41-4	Ethylbenzene	106.17	11		4.3	0.30
179601-23-1	m,p-Xylene	106.17	11	U	11	0.50
95-47-6	Xylene, o-	106.17	32		4.3	1.1
1330-20-7	Xylene (total)	106.17	41		4.3	3.3
100-42-5	Styrene	104.15	4.3	U	4.3	1.1
75-25-2	Bromoform	252.75	10	U	10	2.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.7
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	21		4.9	1.6
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.7
95-63-6	1,2,4-Trimethylbenzene	120.20	4.9	U	4.9	1.6
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	0.54
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	0.63
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	0.51
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	1.2
87-68-3	Hexachlorobutadiene	260.76	11	U	11	1.2

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-5
Client Smp ID: CE-VAPOR-4
Inj Date : 25-AUG-2010 18:59
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-5
Misc Info : 40,5,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 5
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	40.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.243	5.243	(0.548)	8515	0.07409	0.37(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.452	6.446	(0.674)	58358	1.05260	5.3(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

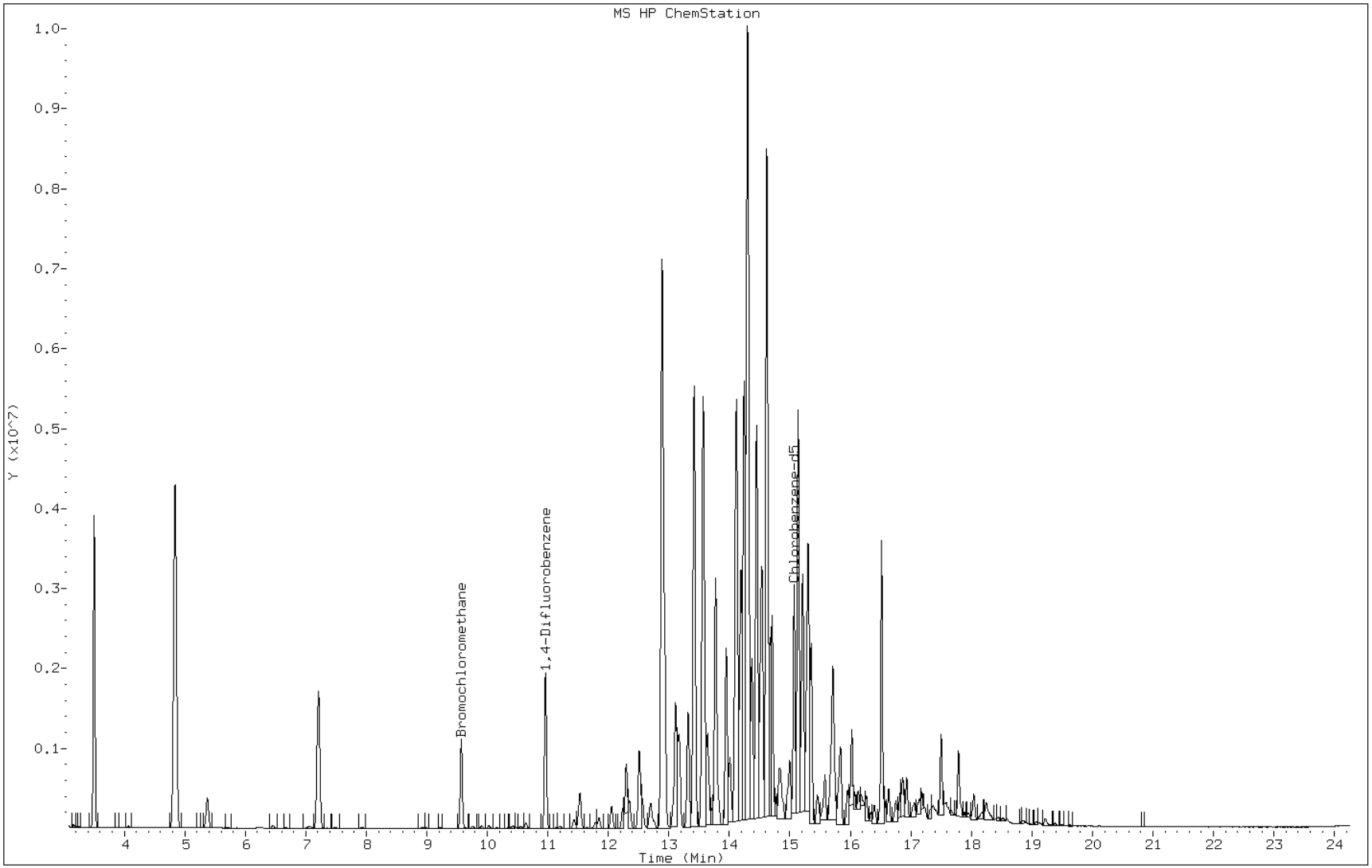
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.206	7.211	(0.753)	8815	0.22709	1.1(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	9622	0.15613	0.78(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.964)	3548	0.16813	0.84(aQ)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	435855	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.913	9.918	(0.904)	13326	0.21191	1.1(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.427	10.432	(0.951)	34036	0.23017	1.2
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.635	10.641	(0.970)	34824	0.56846	2.8
*	47 1,4-Difluorobenzene	114	10.962	10.972	(1.000)	2185951	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.112	13.118	(0.870)	9765	0.09775	0.49(aQ)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.883	13.883	(0.921)	13026	0.16329	0.82(a)
	62 2-Hexanone	43	14.006	14.022	(0.929)	122952	1.77328	8.9(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2023957	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	118763	0.52289	2.6
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	36679	0.41631	2.1(Q)
M	70 Xylenes, Total	106				165294	1.88096	9.4
	71 Xylene (o)	106	15.846	15.846	(1.051)	128615	1.46465	7.3
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	17518	0.06489	0.32(aQ)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	192024	0.86772	4.3
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	33863	0.14957	0.75(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	fdtk006.d	Date:	25-AUG-2010 18:59
Client ID:	CE-VAPOR-4	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-5		
Lab Sample ID:	200-1086-5		



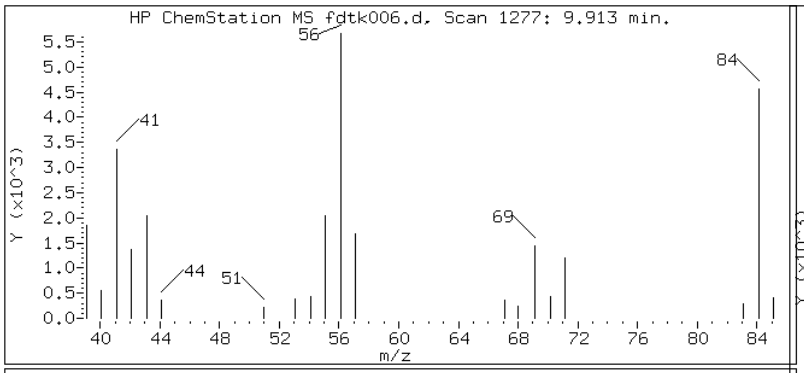
Data File: fdtk006.d

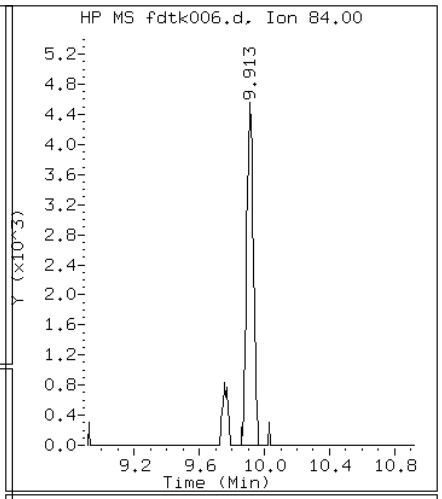
Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

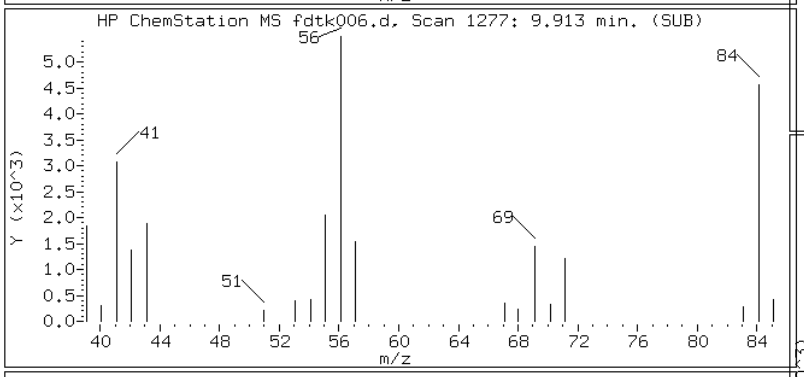
Client ID: CE-VAPOR-4 Instrument: F.i

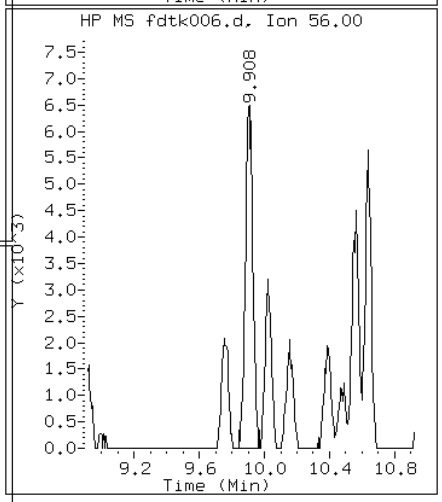
Sample Info: 200-1086-A-5 Operator: wrd

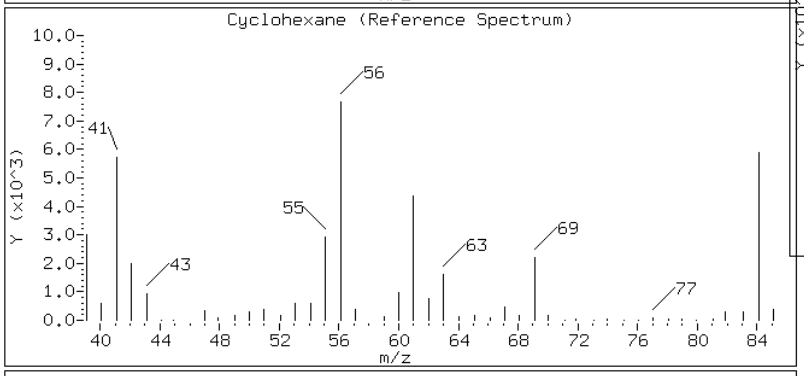
40 Cyclohexane

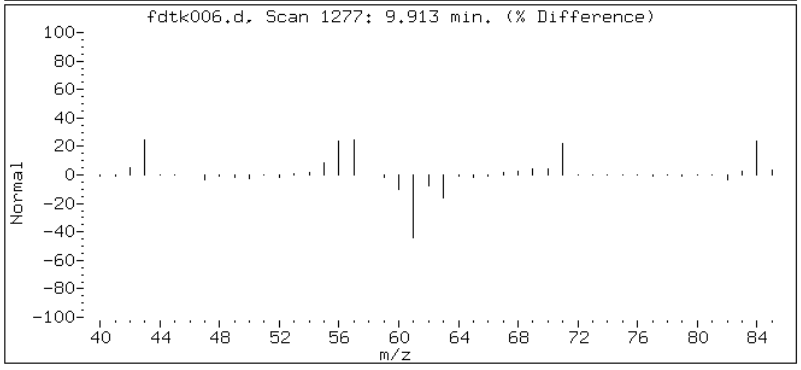












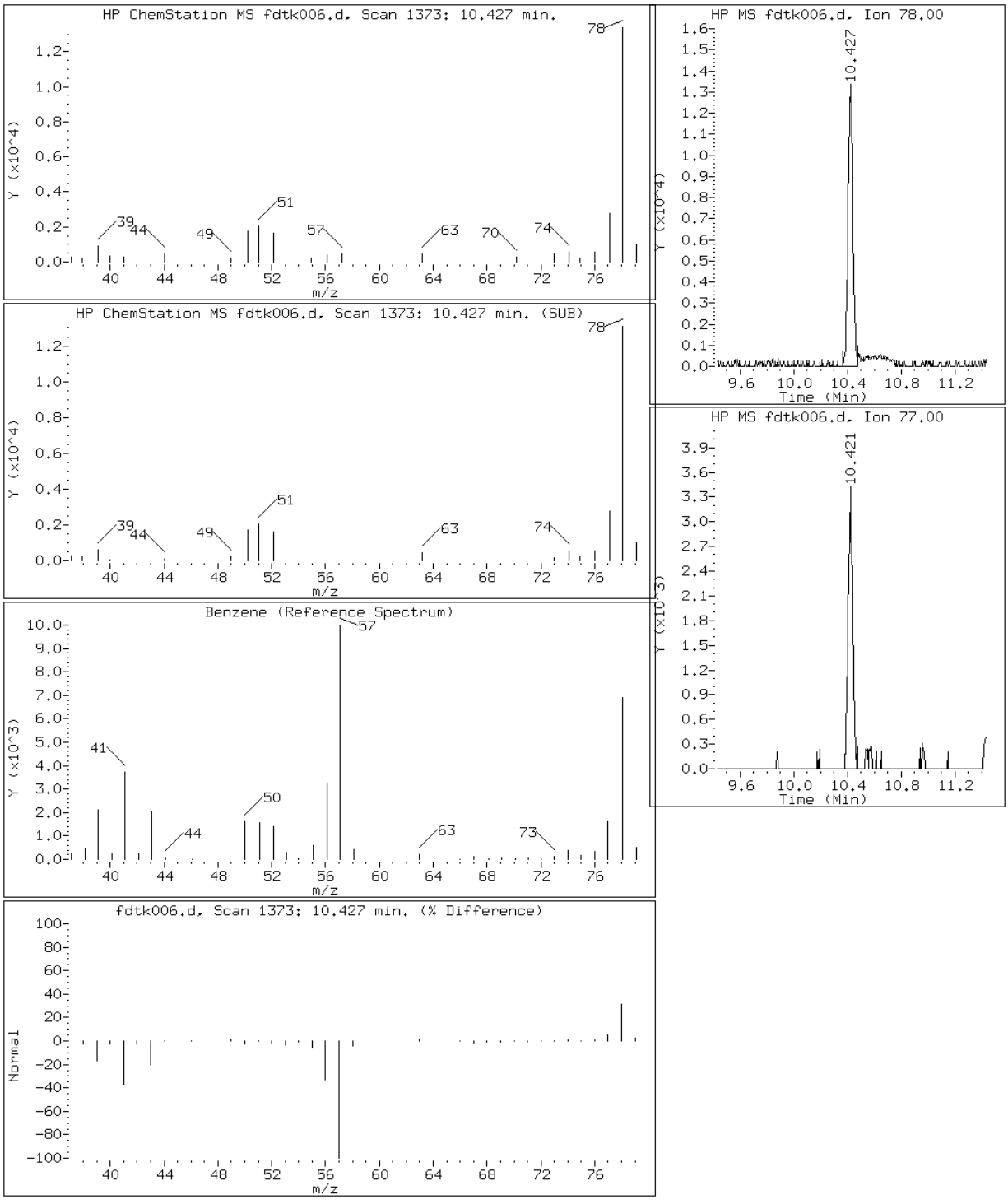
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

44 Benzene



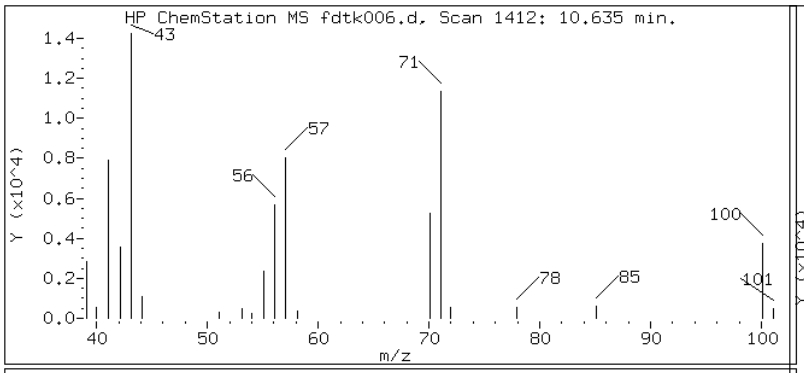
Data File: fdtk006.d

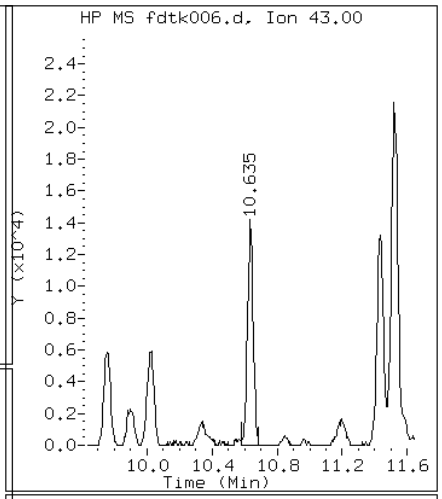
Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

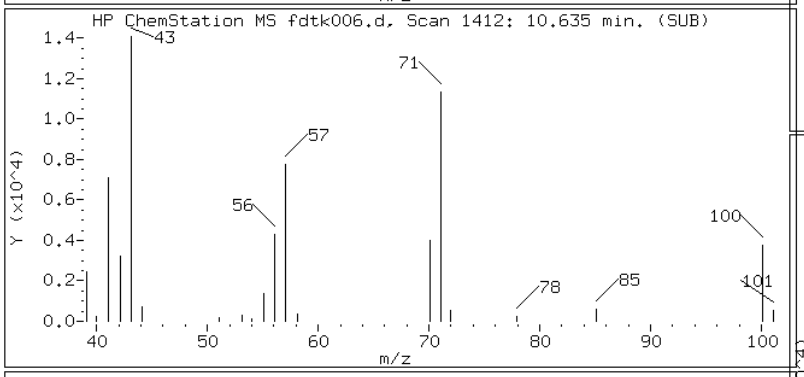
Client ID: CE-VAPOR-4 Instrument: F.i

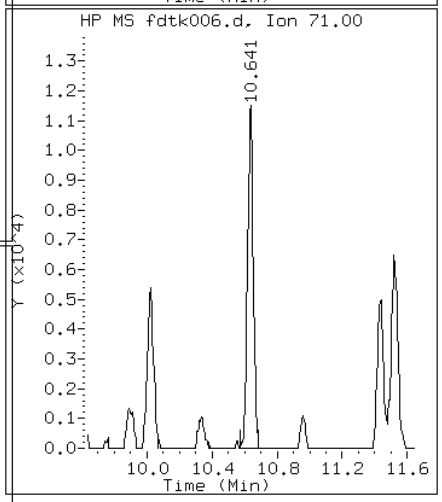
Sample Info: 200-1086-A-5 Operator: wrd

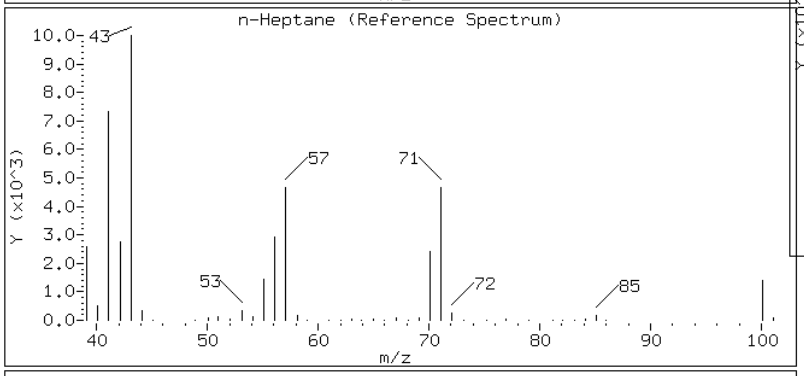
46 n-Heptane

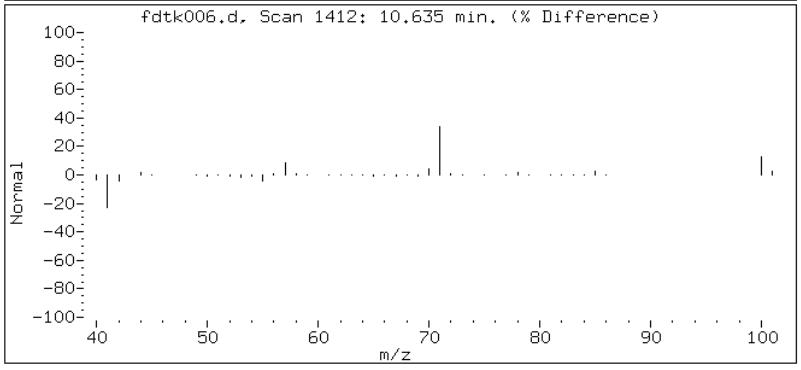












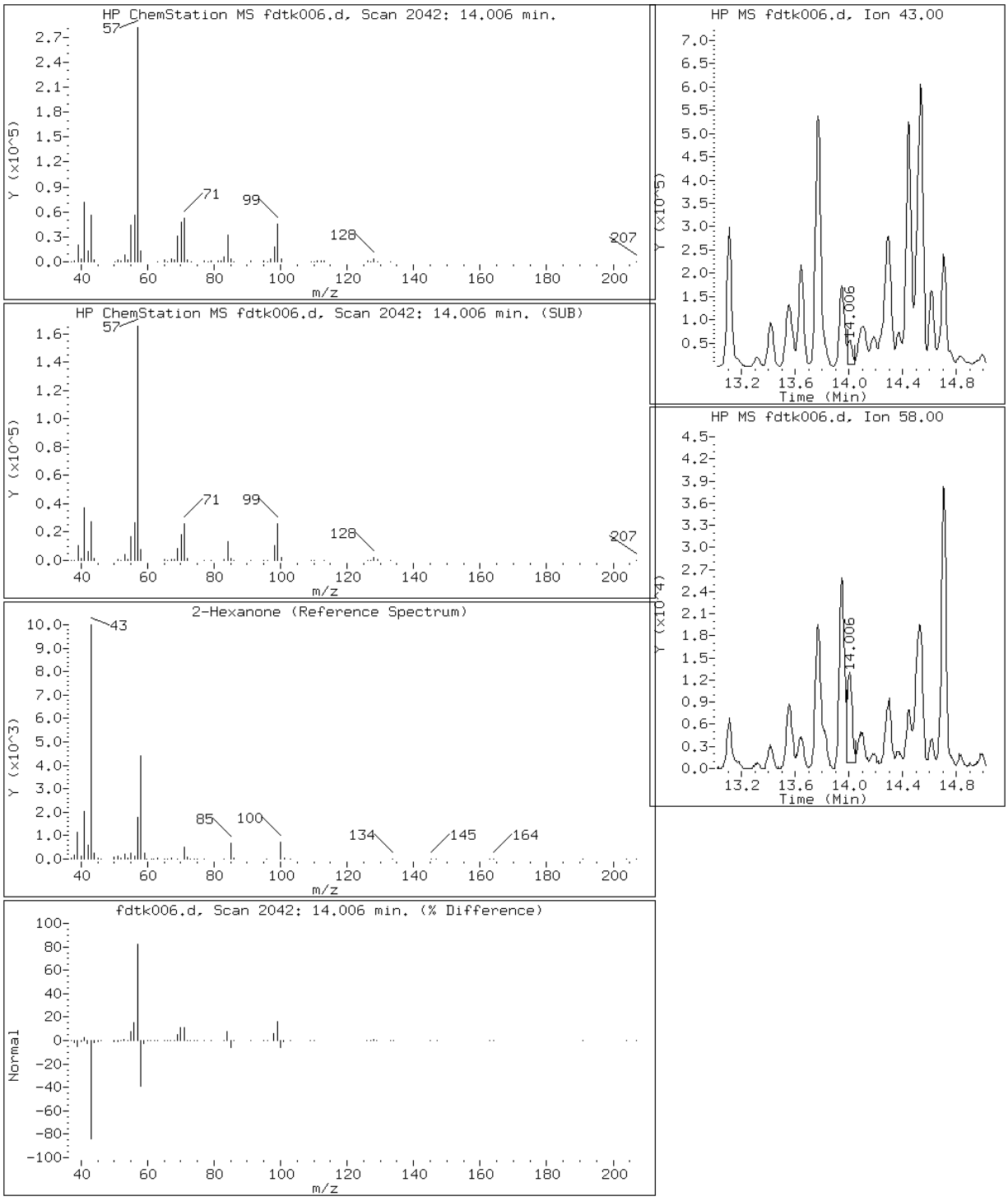
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

62 2-Hexanone



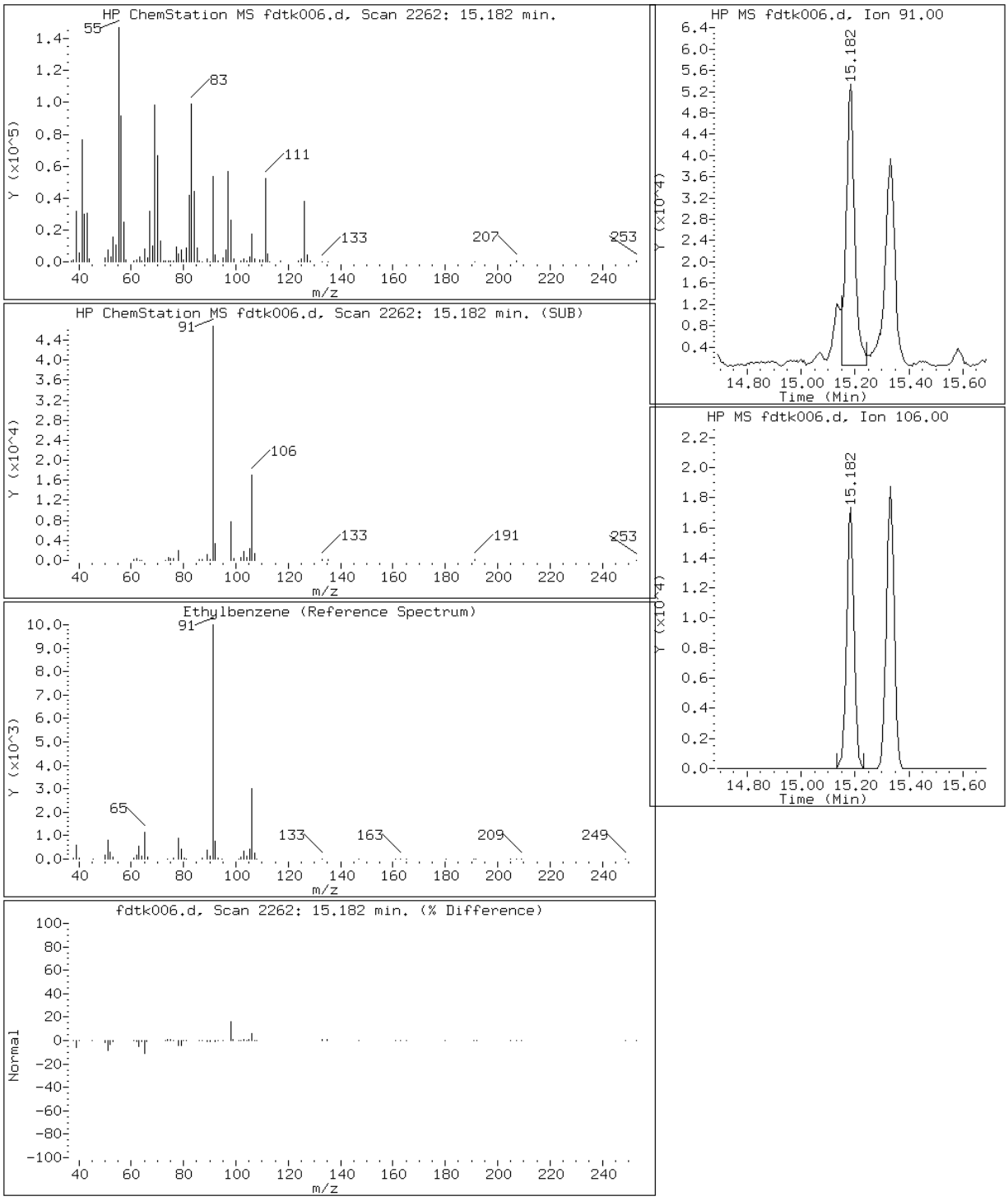
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

68 Ethylbenzene



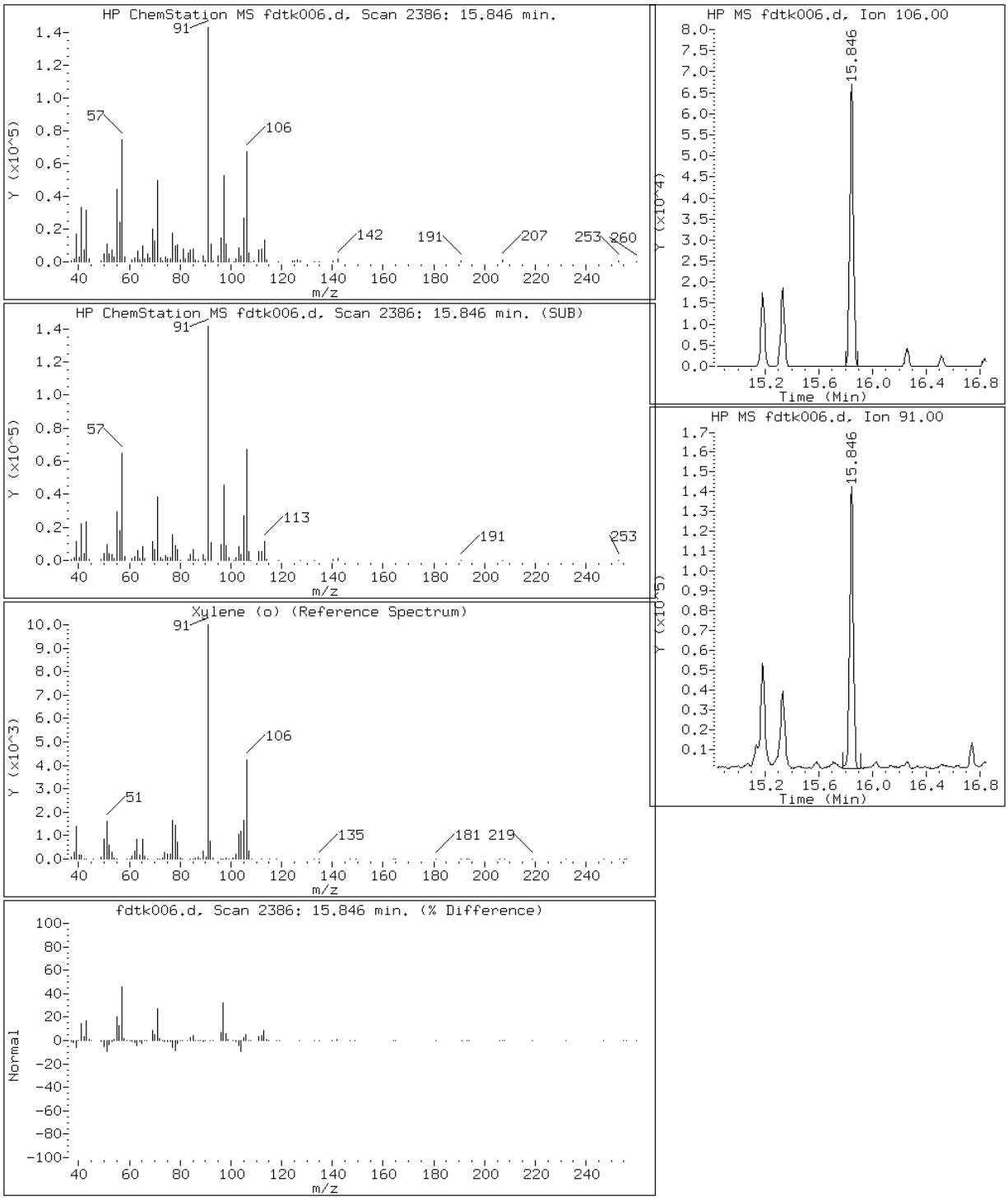
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

71 Xylene (o)



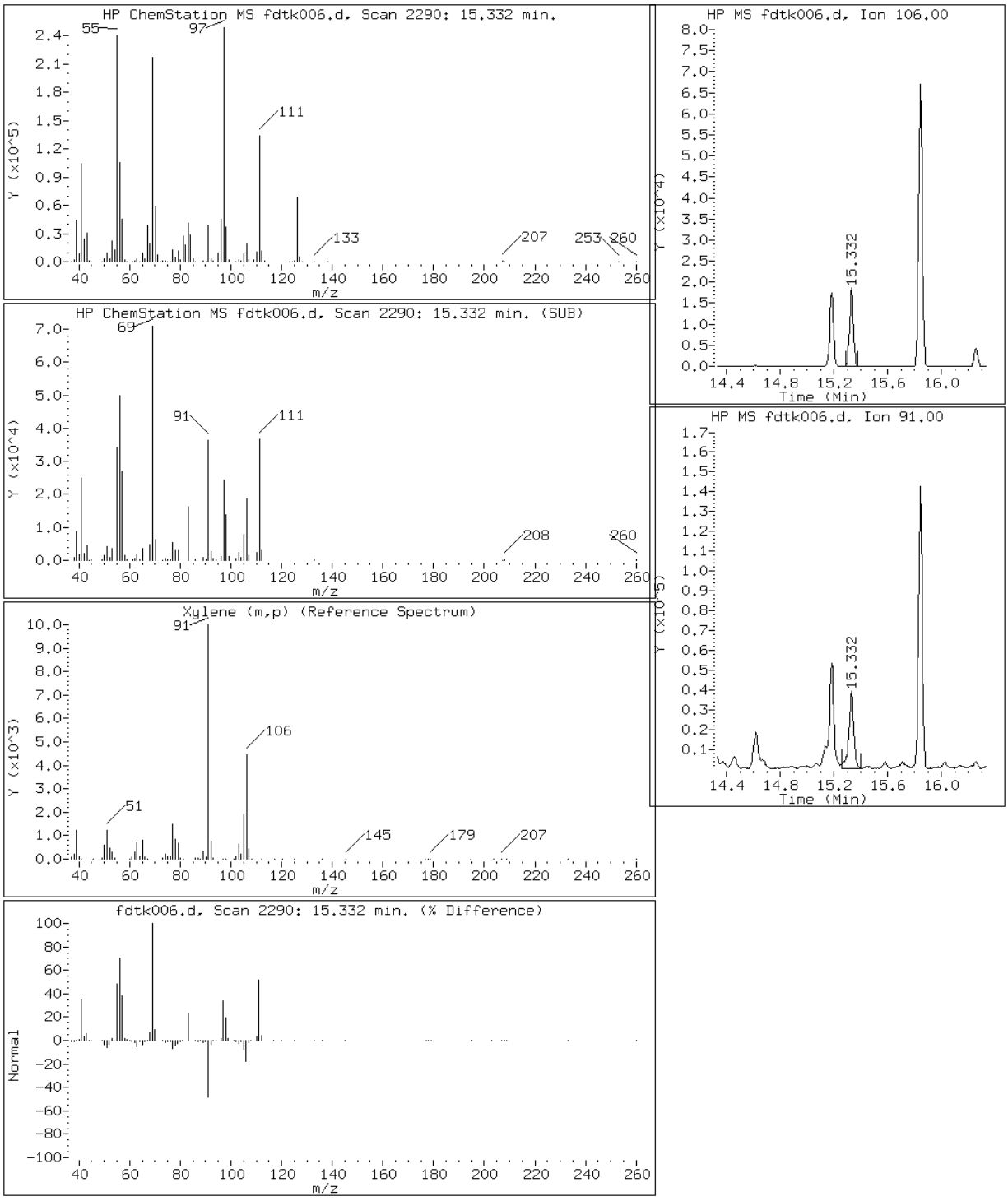
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

69 Xylene (m,p)



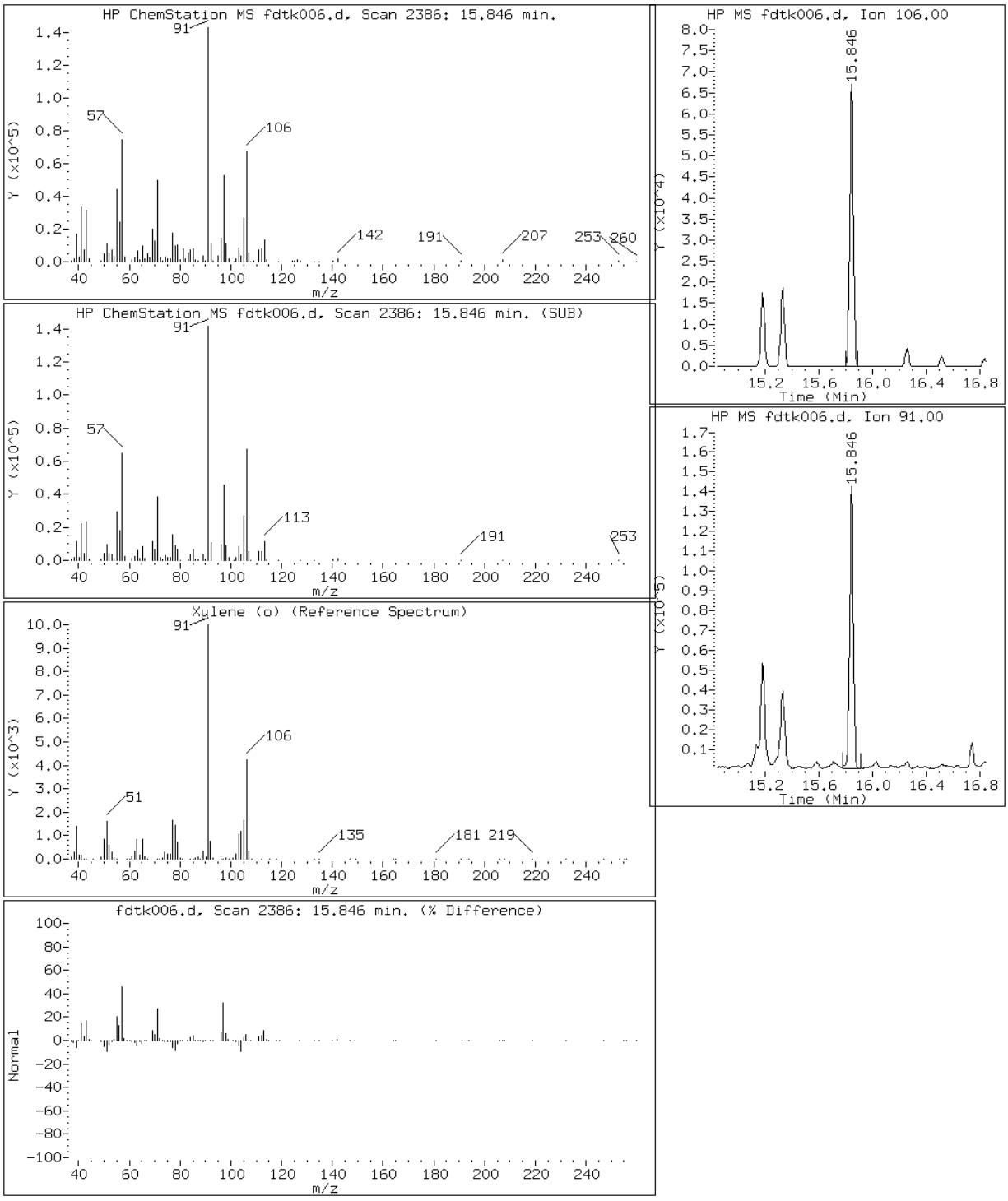
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

71 Xylene (o)



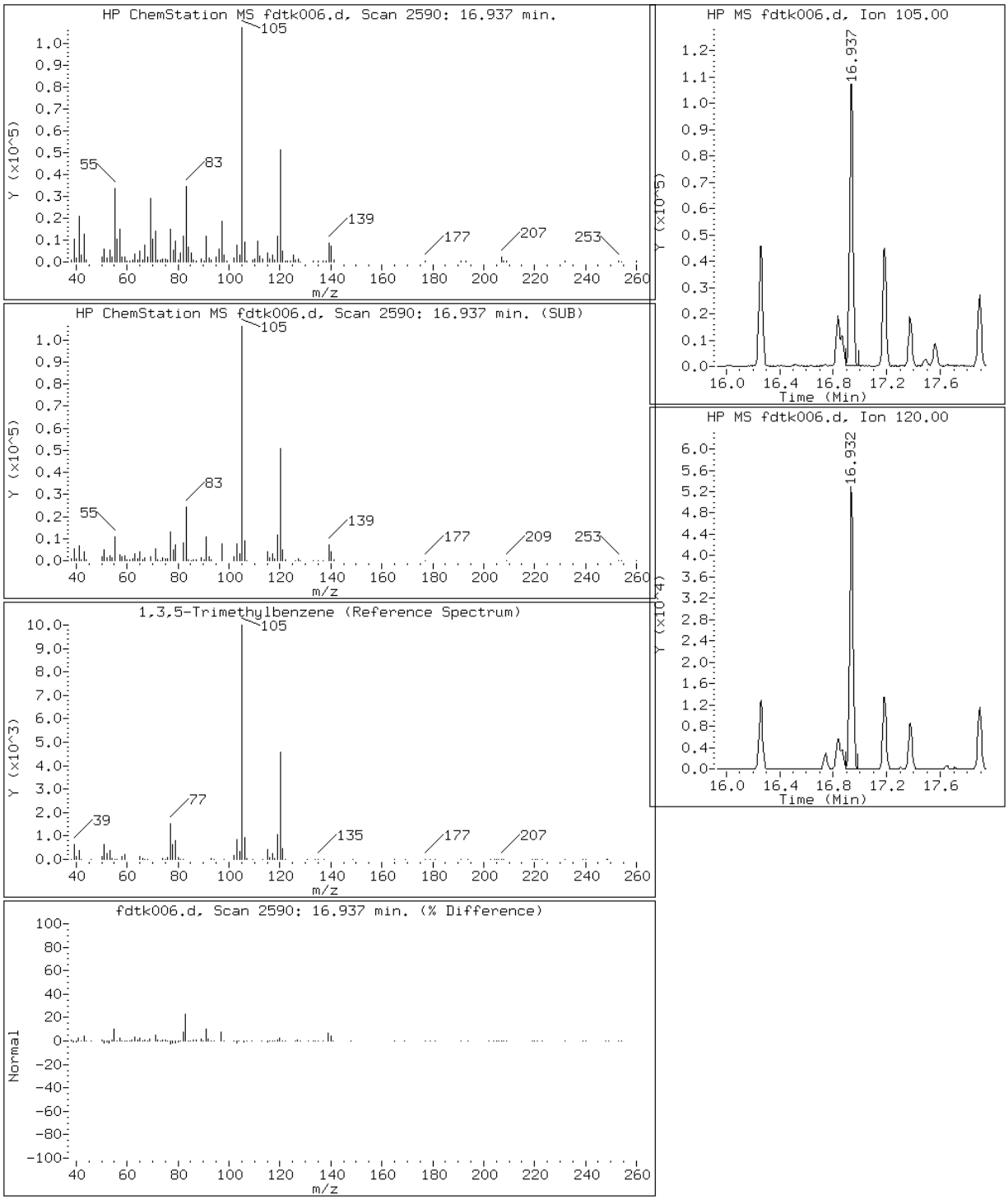
Data File: fdtk006.d

Lab Sample ID: 200-1086-5 Date: 25-AUG-2010 18:59

Client ID: CE-VAPOR-4 Instrument: F.i

Sample Info: 200-1086-A-5 Operator: wrd

81 1,3,5-Trimethylbenzene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.83		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.22		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	10		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	3.0		0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.72		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	4.1		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	7.5		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.89		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.90		0.20	0.013
71-43-2	Benzene	78.11	1.3		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.33		0.20	0.015
142-82-5	n-Heptane	100.21	0.40		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	3.6		0.50	0.064
108-88-3	Toluene	92.14	3.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	1.8		0.20	0.014
179601-23-1	m,p-Xylene	106.17	4.9		0.50	0.023
95-47-6	Xylene, o-	106.17	1.3		0.20	0.050
1330-20-7	Xylene (total)	106.17	6.2		0.20	0.15
100-42-5	Styrene	104.15	1.4		0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.23		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.84		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	2.2		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.7		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.2		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	24		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	9.3		1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	2.6		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	12		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	22		15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	3.1		0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	4.2		0.93	0.061
71-43-2	Benzene	78.11	4.3		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	1.3		0.81	0.061
142-82-5	n-Heptane	100.21	1.6		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 200-1086-6

Matrix: Air Lab File ID: fdtk007.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:47

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 19:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	15		2.0	0.26
108-88-3	Toluene	92.14	12		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	7.8		0.87	0.061
179601-23-1	m,p-Xylene	106.17	21		2.2	0.10
95-47-6	Xylene, o-	106.17	5.7		0.87	0.22
1330-20-7	Xylene (total)	106.17	27		0.87	0.65
100-42-5	Styrene	104.15	5.9		0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	1.1		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	4.1		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	13		1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-6
Client Smp ID: CE-VAPOR-5
Inj Date : 25-AUG-2010 19:50
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-6
Misc Info : 200,1,to15all
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 25-Aug-2010 11:00 klp Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	44679	0.47484	0.47(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.574	3.574	(0.373)	22594	0.82817	0.83
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.857	3.863	(0.403)	4815	0.19246	0.19(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	25621	0.22170	0.22
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.211	6.227	(0.649)	7143	0.08326	0.083(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.441	6.446	(0.673)	563590	10.1095	10
21 Carbon disulfide	76	6.687	6.698	(0.699)	384421	2.98122	3.0
22 Isopropanol	45	6.655	6.655	(0.695)	68524	1.72830	1.7(aM)
23 Allyl chloride	41	Compound Not Detected.					

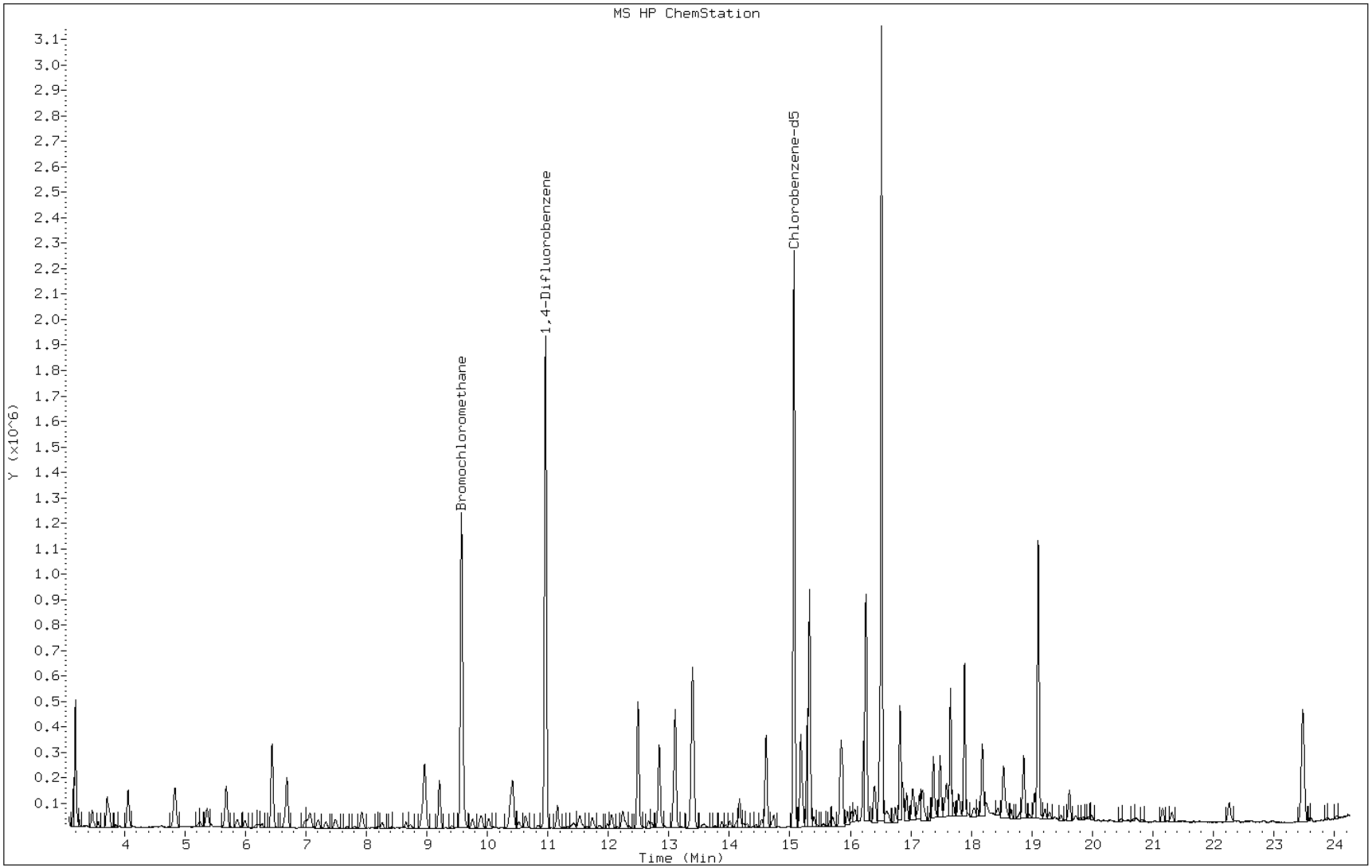
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.206	7.211	(0.753)	9681	0.24802	0.25(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.928	7.934	(0.828)	44864	0.72399	0.72
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	87951	4.14485	4.1(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	438264	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	248985	7.46854	7.5
	39 Chloroform	83	9.640	9.651	(1.007)	7924	0.08028	0.080(a)
	40 Cyclohexane	84	9.881	9.918	(0.901)	55011	0.88831	0.89(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	7642	0.07735	0.077(a)
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	168039	0.89710	0.90
	44 Benzene	78	10.421	10.432	(0.951)	194471	1.33542	1.3
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	20525	0.33173	0.33
	46 n-Heptane	43	10.630	10.641	(0.970)	24031	0.39834	0.40
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2152695	10.0000	
	49 Trichloroethene	95	11.336	11.331	(1.034)	4124	0.06536	0.065(aQ)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	268453	3.58846	3.6
	58 Toluene	92	13.107	13.118	(0.870)	246744	3.05874	3.1
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.872	13.883	(0.921)	10006	0.15534	0.16(a)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.065	15.076	(1.000)	1634310	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.177	15.188	(1.007)	329884	1.79871	1.8
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	347327	4.88212	4.9
M	70 Xylenes, Total	106				441218	6.20626	6.2
	71 Xylene (o)	106	15.840	15.846	(1.051)	93891	1.32414	1.3
	72 Styrene	104	15.867	15.873	(1.053)	144757	1.37443	1.4
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.862	16.873	(1.119)	43640	0.20019	0.20(M)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	41319	0.23123	0.23
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	152867	0.83616	0.84
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.188)	276162	2.16348	2.2
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	fdtk007.d	Date:	25-AUG-2010 19:50
Client ID:	CE-VAPOR-5	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-6		
Lab Sample ID:	200-1086-6		



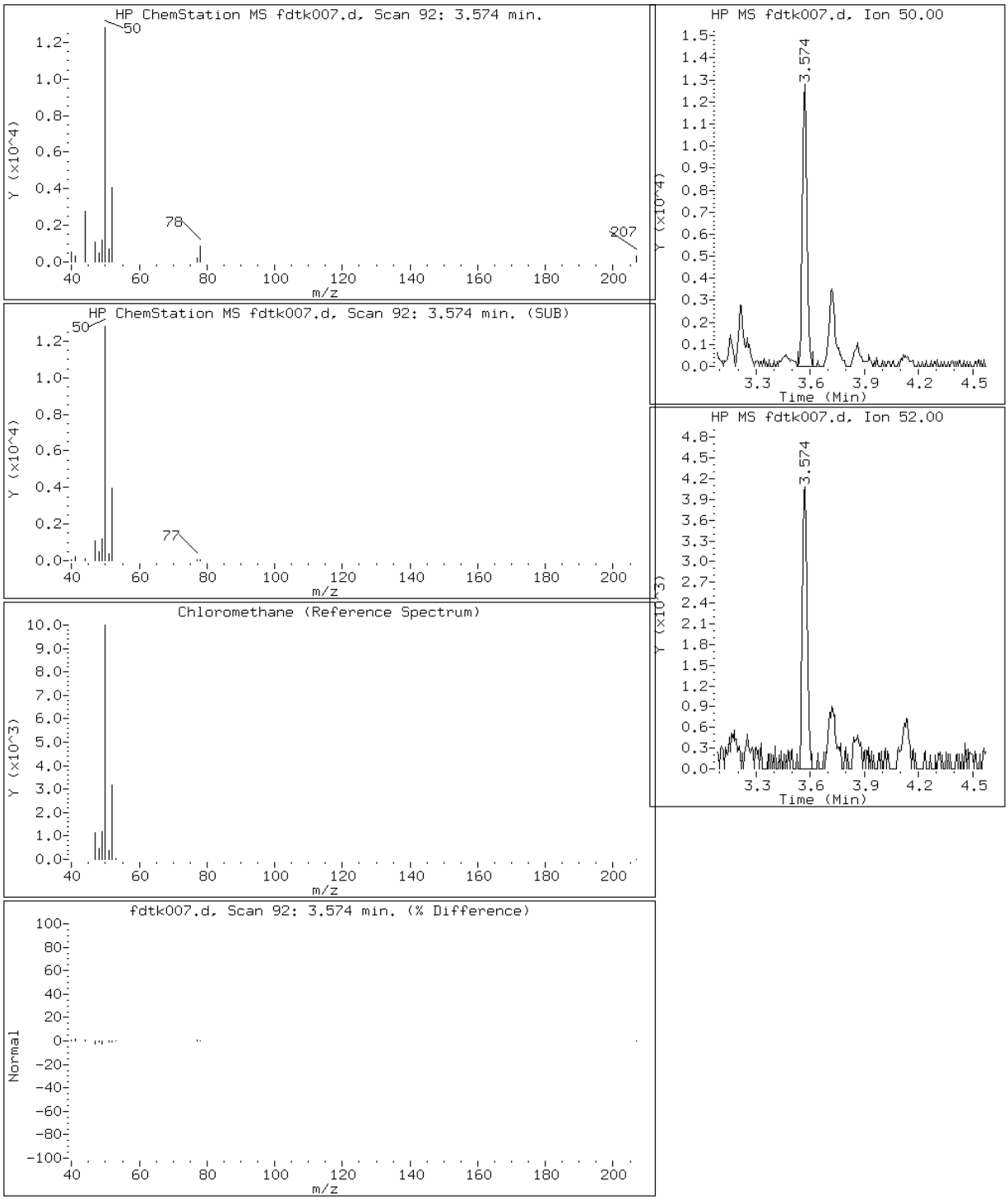
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

5 Chloromethane



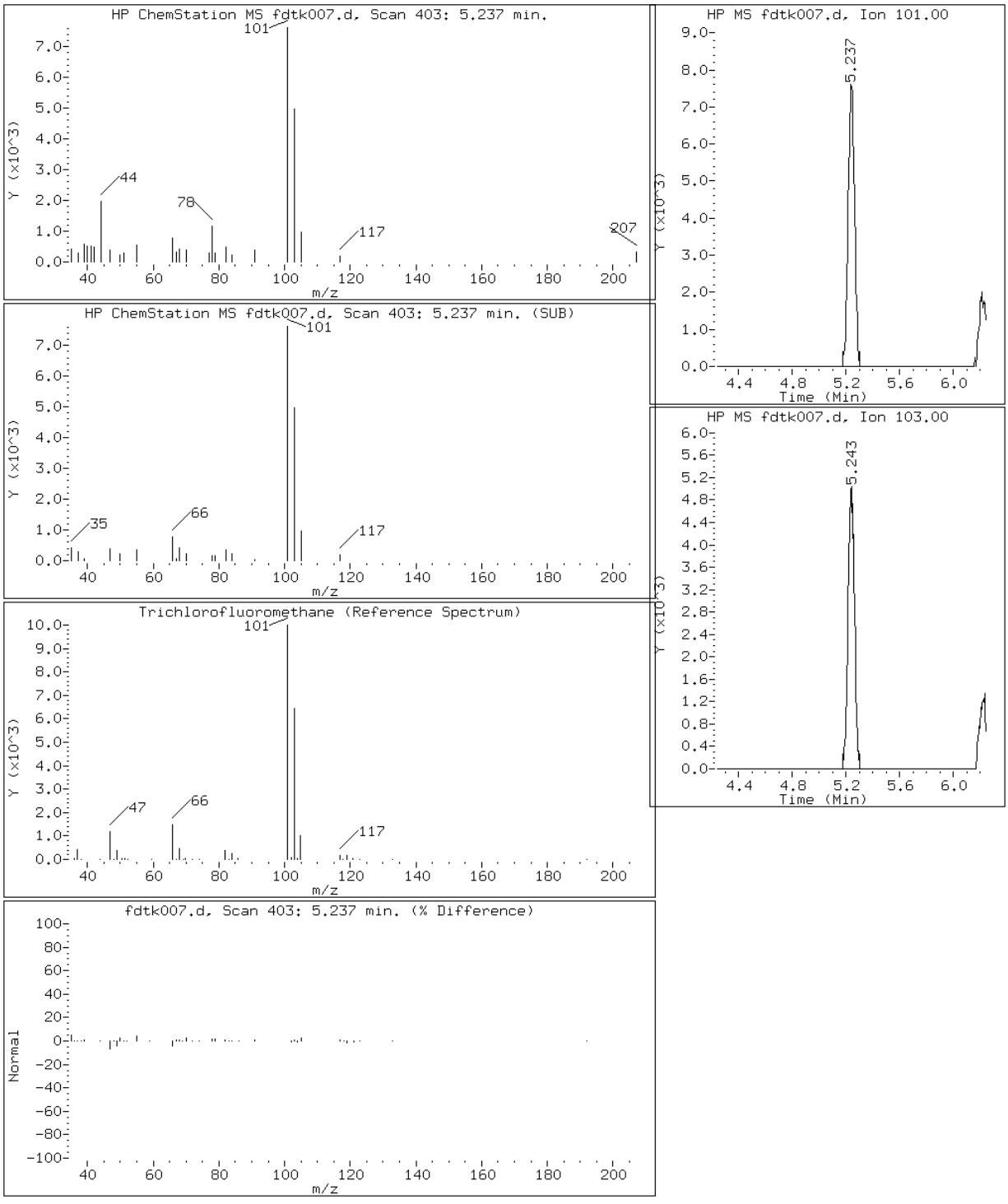
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

13 Trichlorofluoromethane



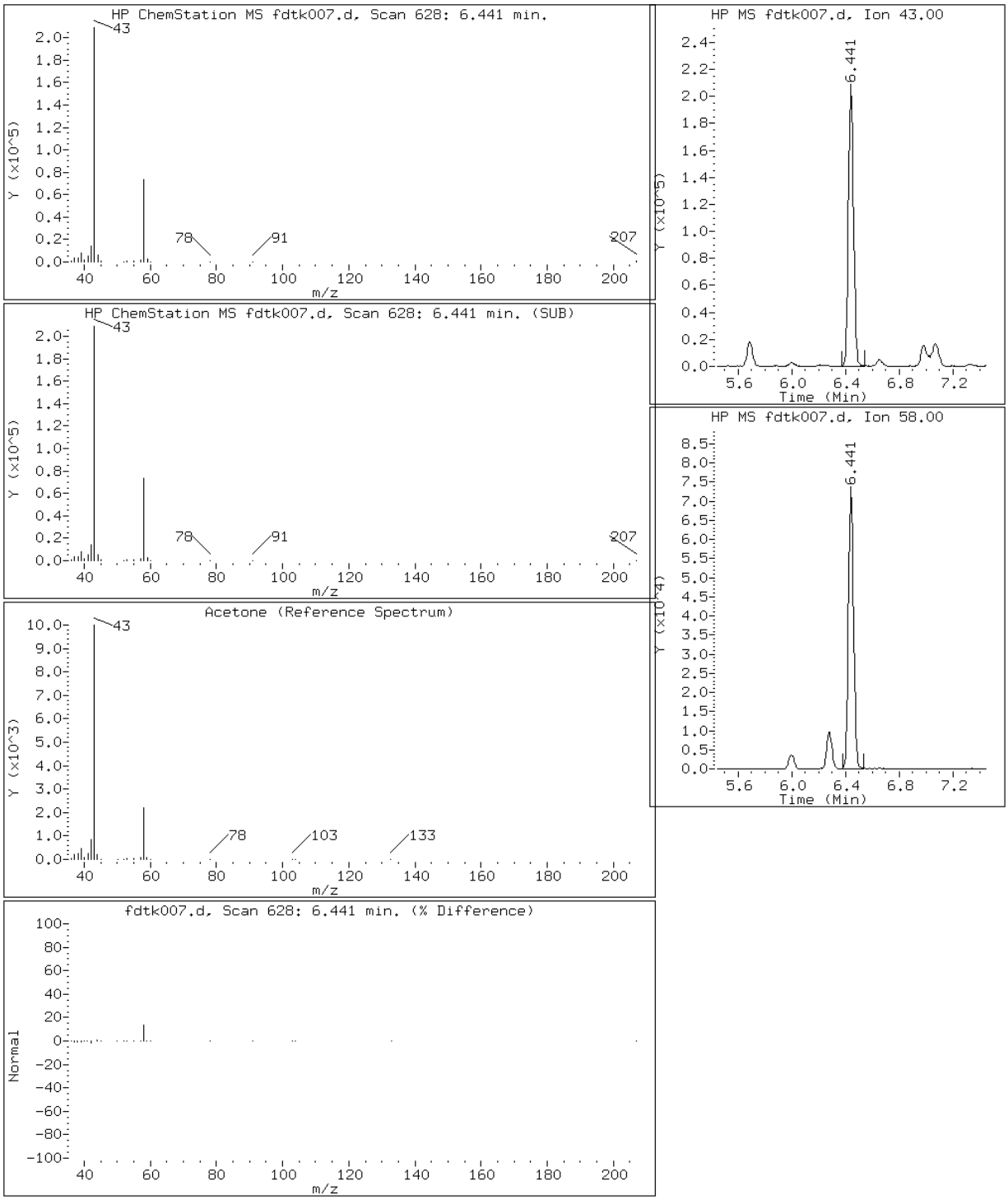
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

20 Acetone



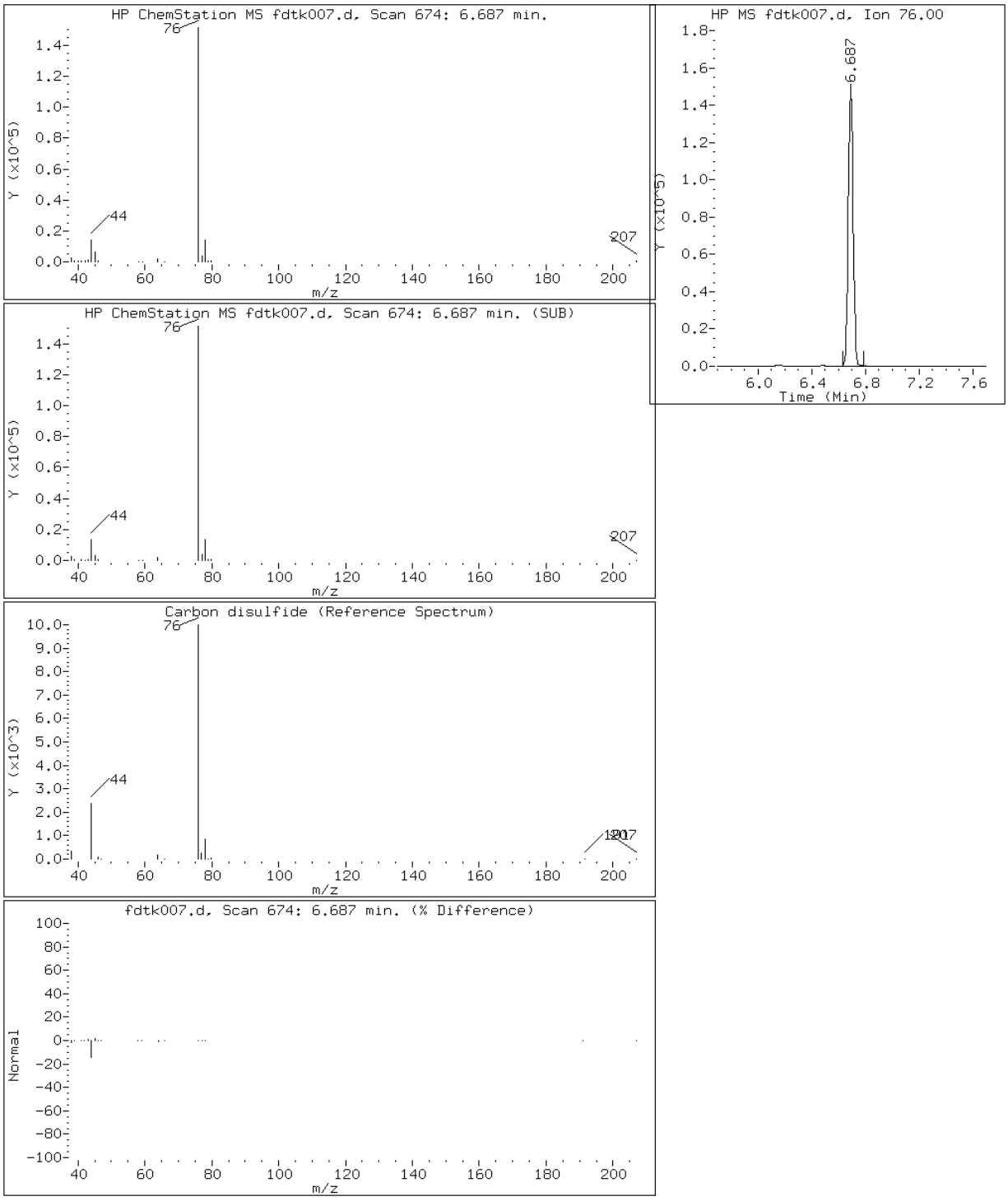
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

21 Carbon disulfide



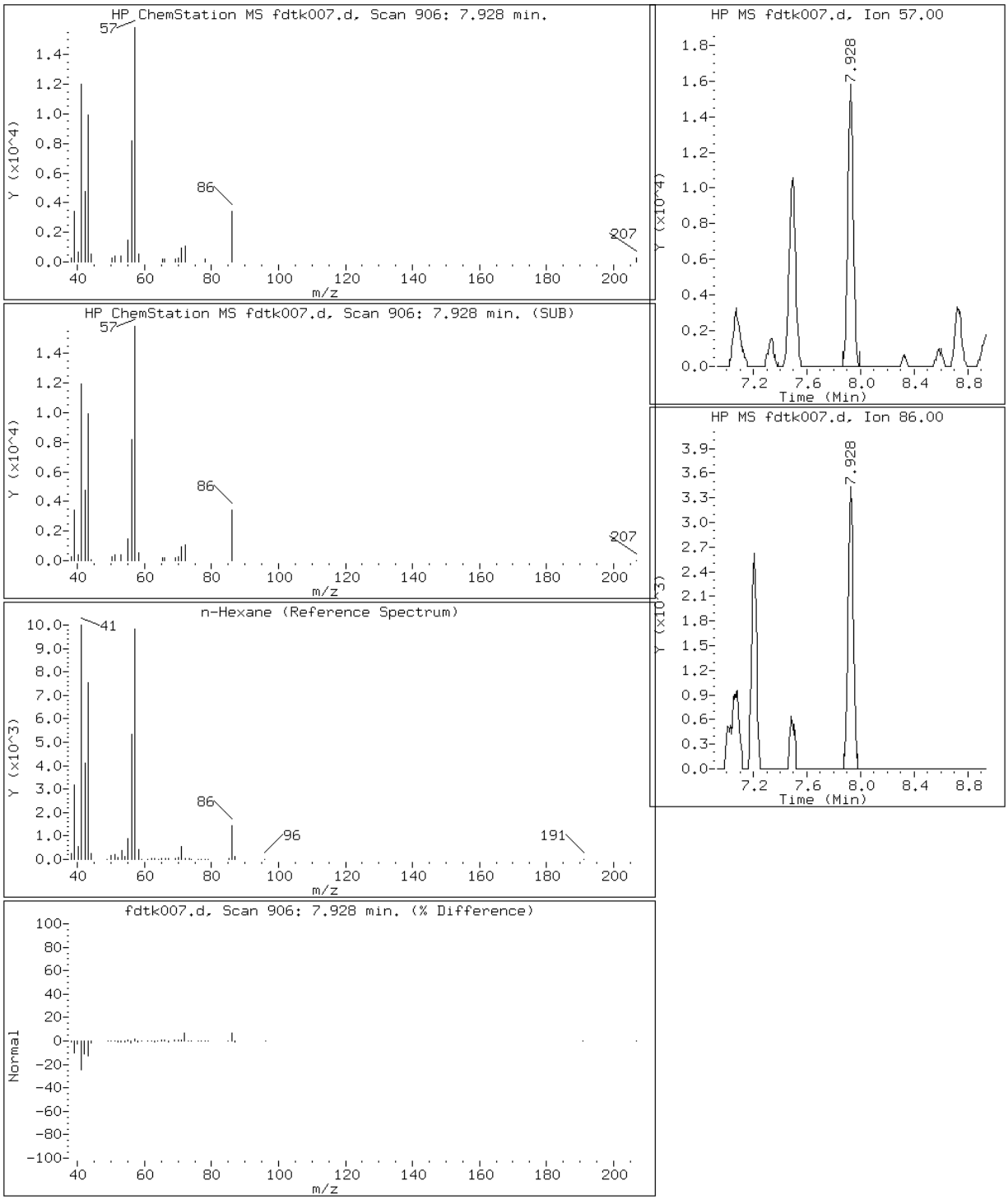
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

30 n-Hexane



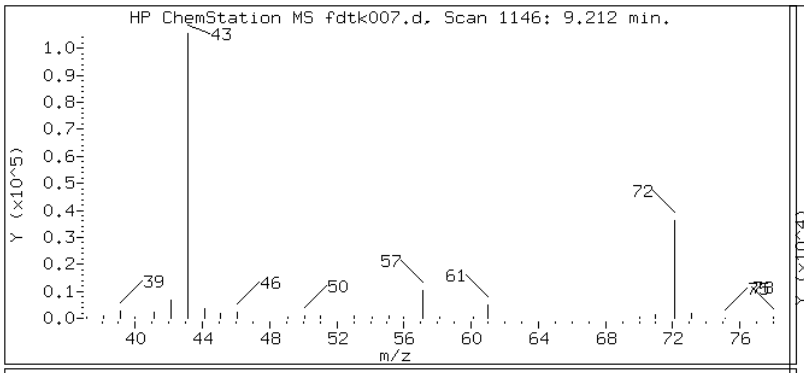
Data File: fdtk007.d

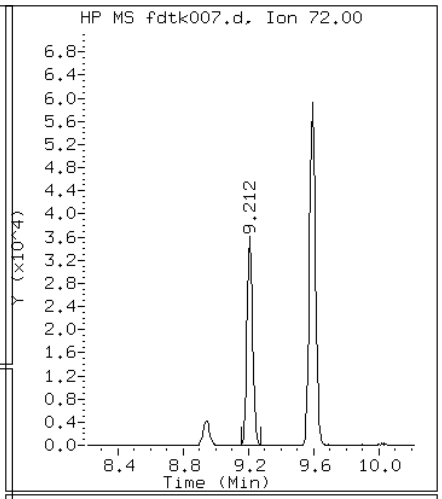
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

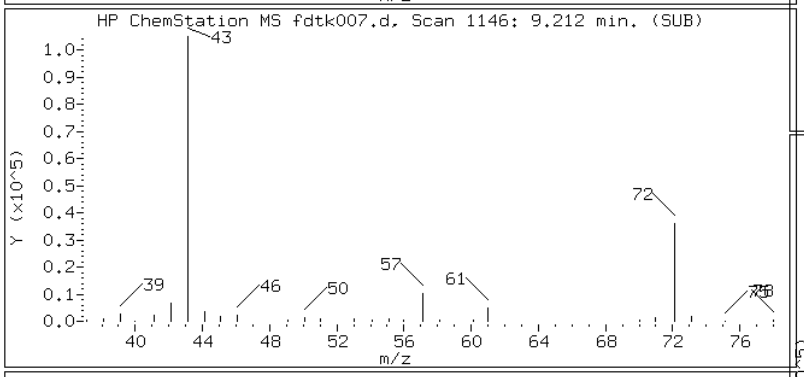
Client ID: CE-VAPOR-5 Instrument: F.i

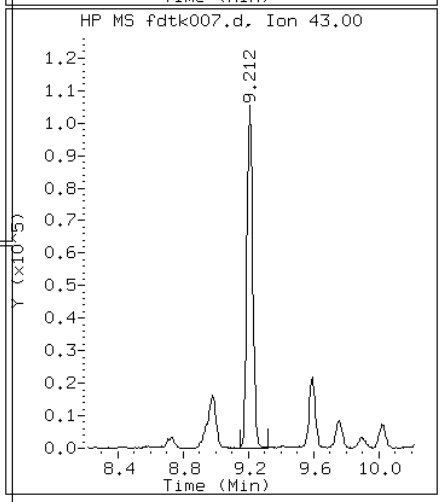
Sample Info: 200-1086-A-6 Operator: wrd

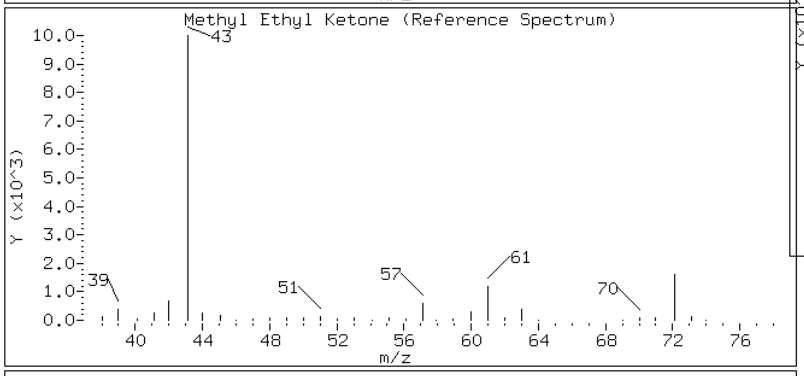
36 Methyl Ethyl Ketone

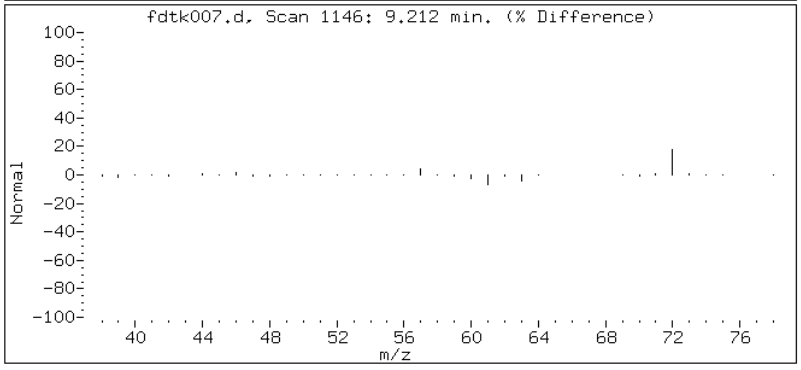












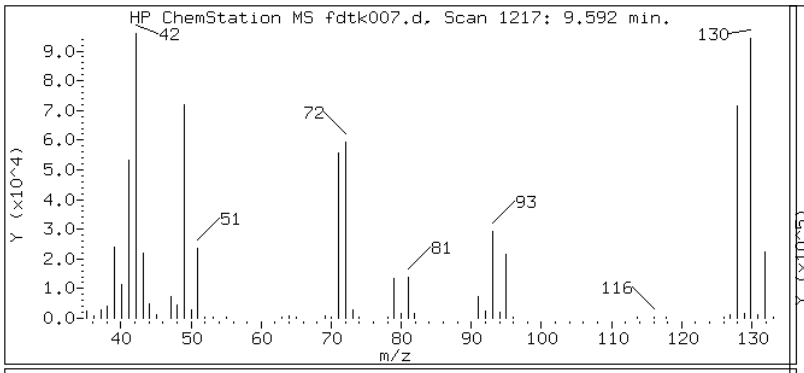
Data File: fdtk007.d

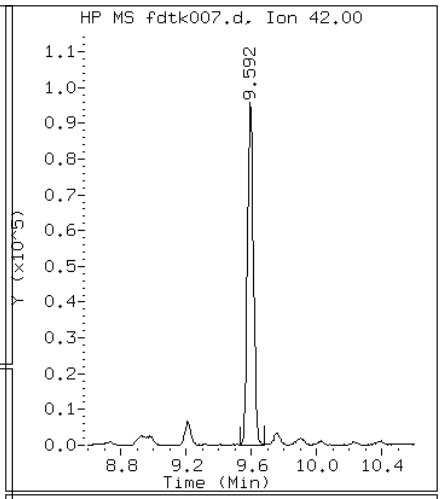
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

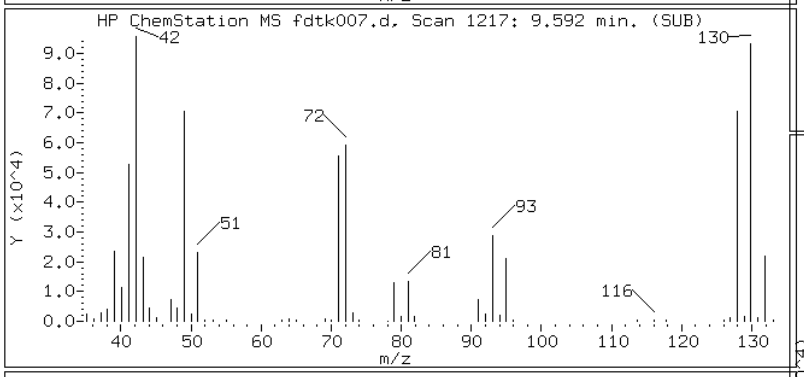
Client ID: CE-VAPOR-5 Instrument: F.i

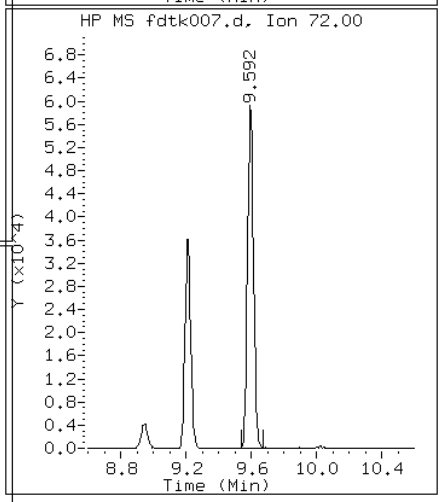
Sample Info: 200-1086-A-6 Operator: wrd

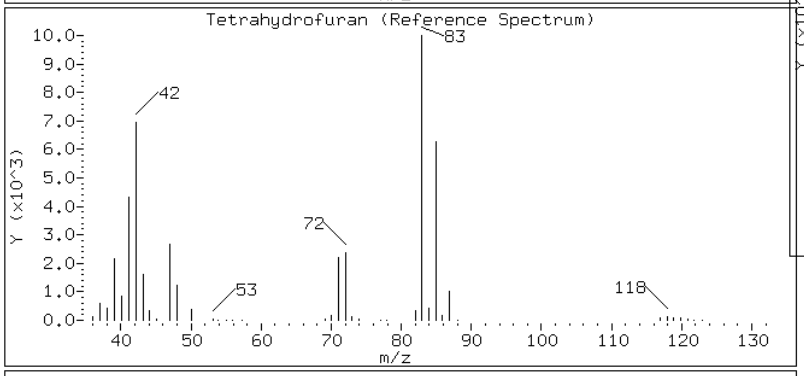
38 Tetrahydrofuran

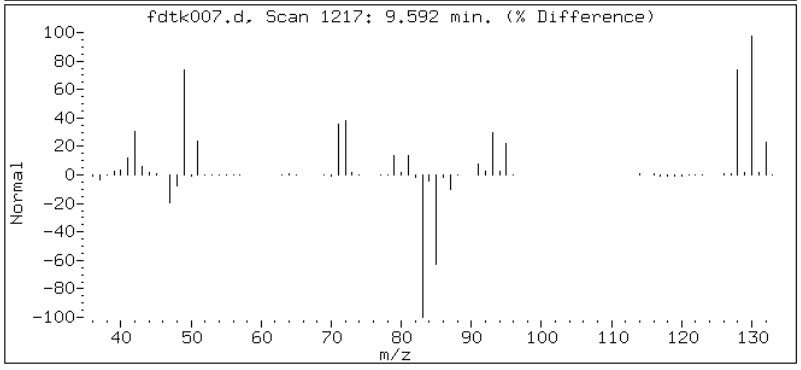












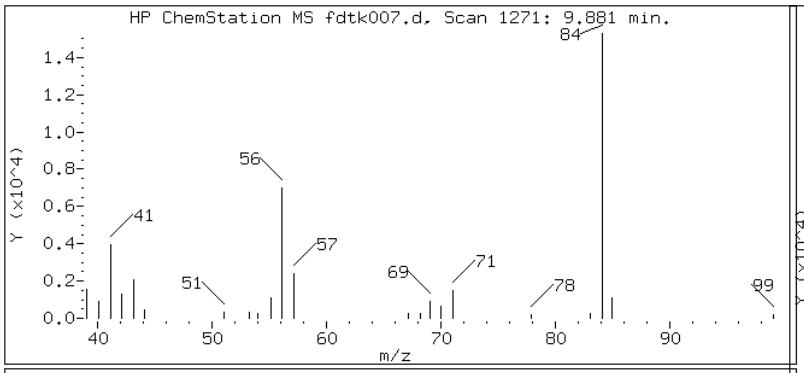
Data File: fdtk007.d

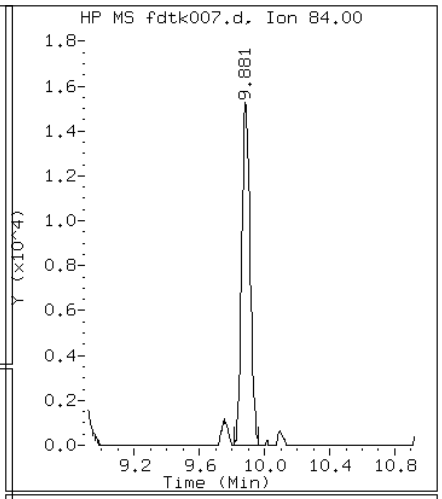
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

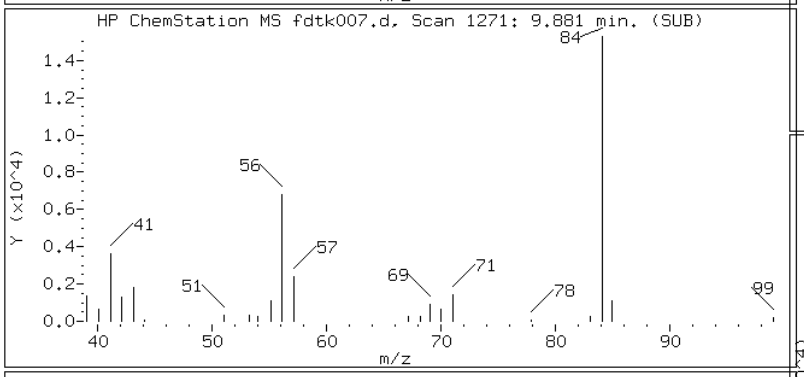
Client ID: CE-VAPOR-5 Instrument: F.i

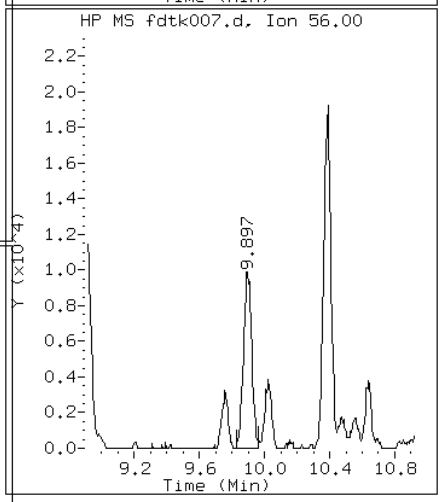
Sample Info: 200-1086-A-6 Operator: wrd

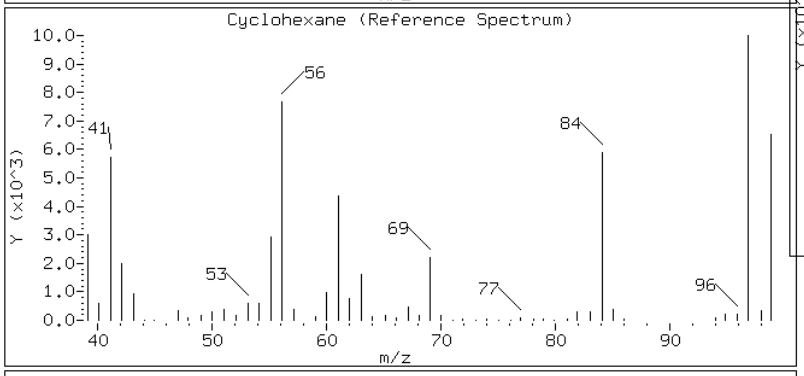
40 Cyclohexane

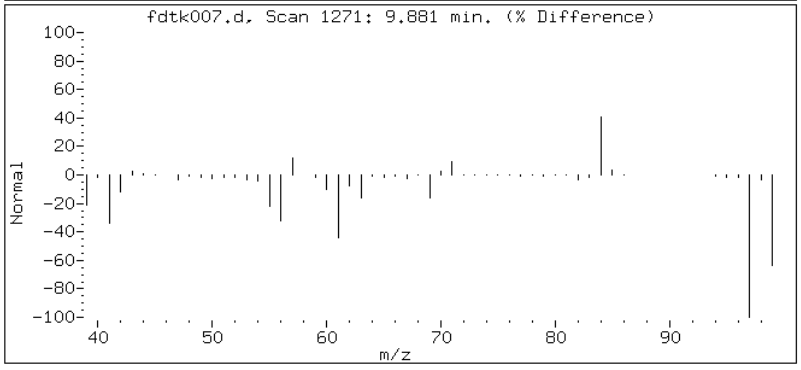












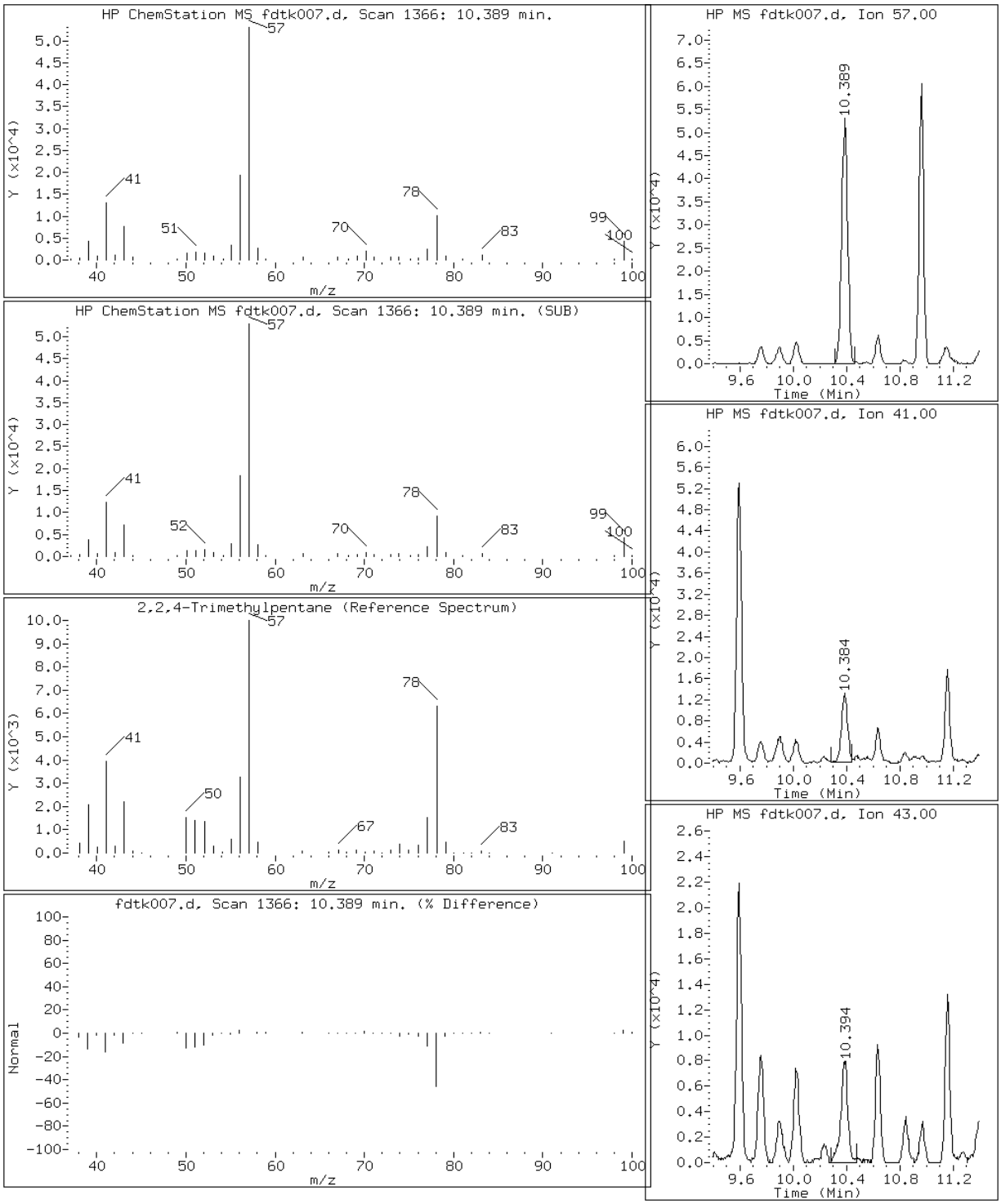
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

43 2,2,4-Trimethylpentane



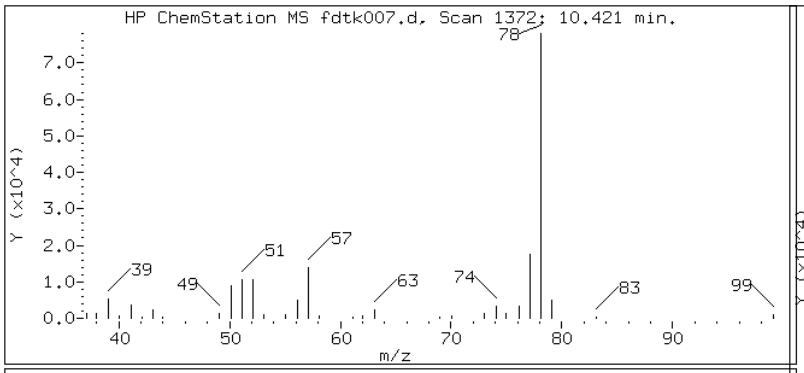
Data File: fdtk007.d

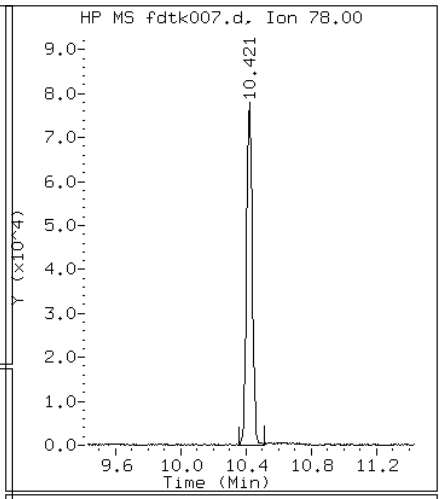
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

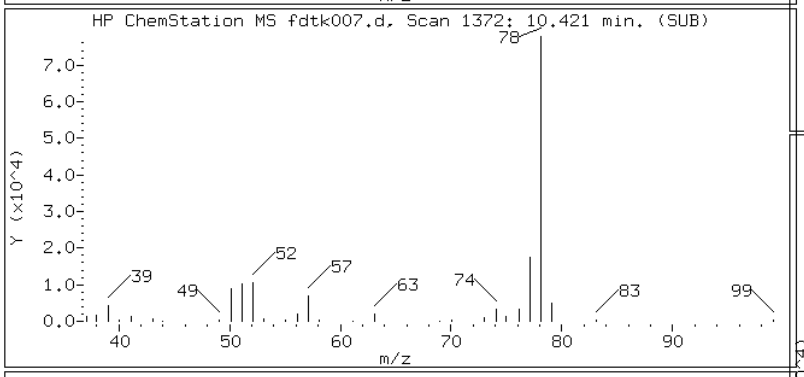
Client ID: CE-VAPOR-5 Instrument: F.i

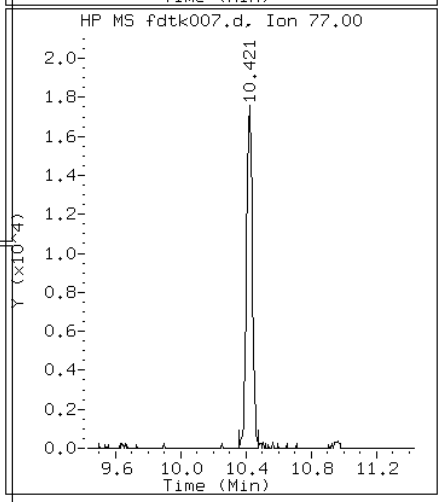
Sample Info: 200-1086-A-6 Operator: wrd

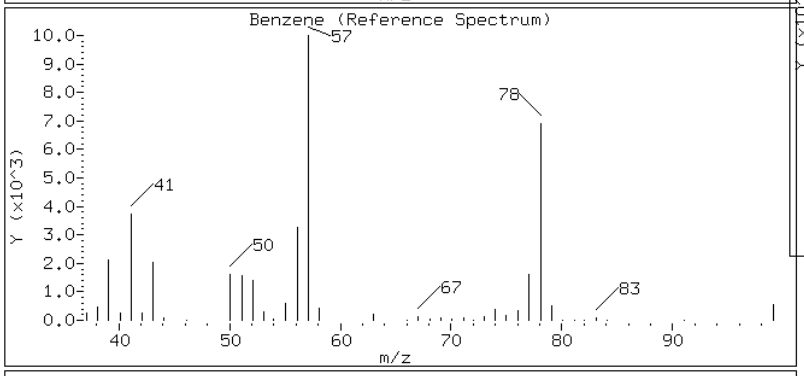
44 Benzene

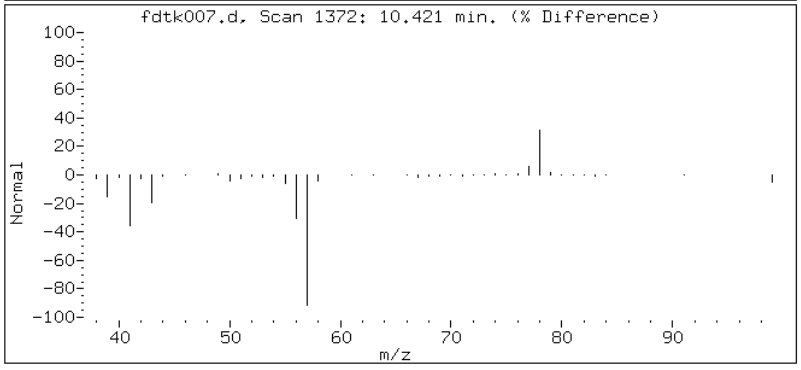












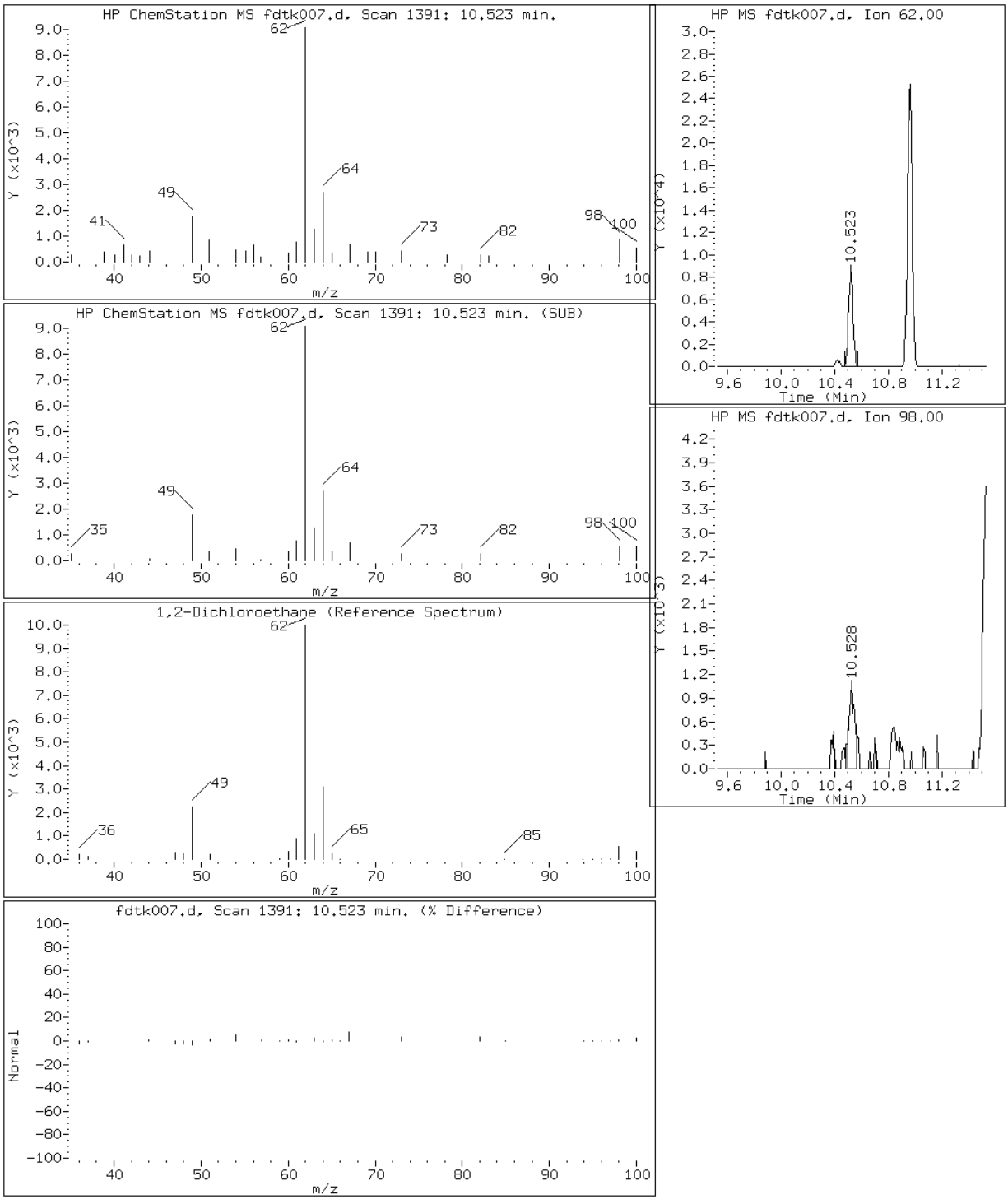
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

45 1,2-Dichloroethane



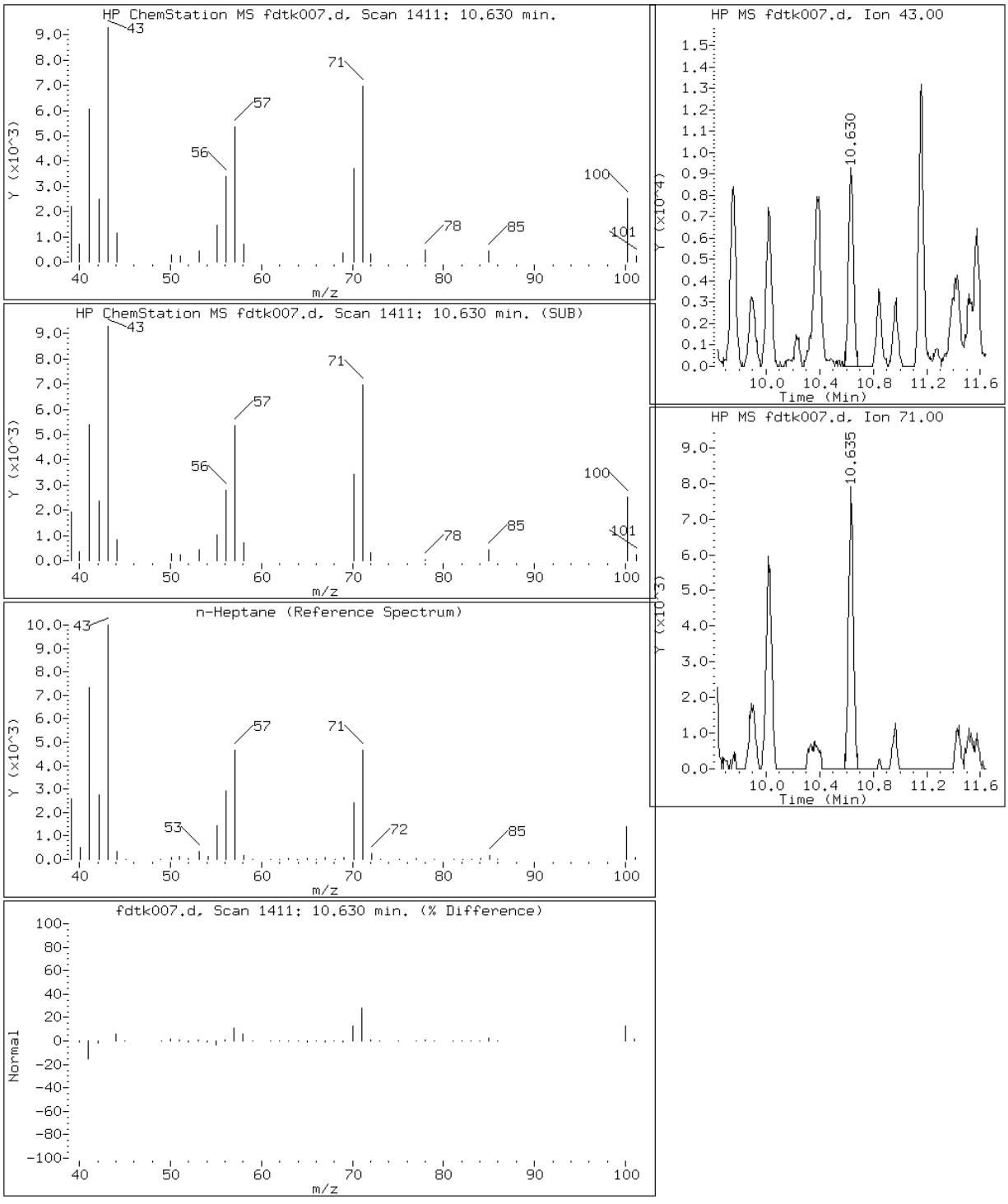
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

46 n-Heptane



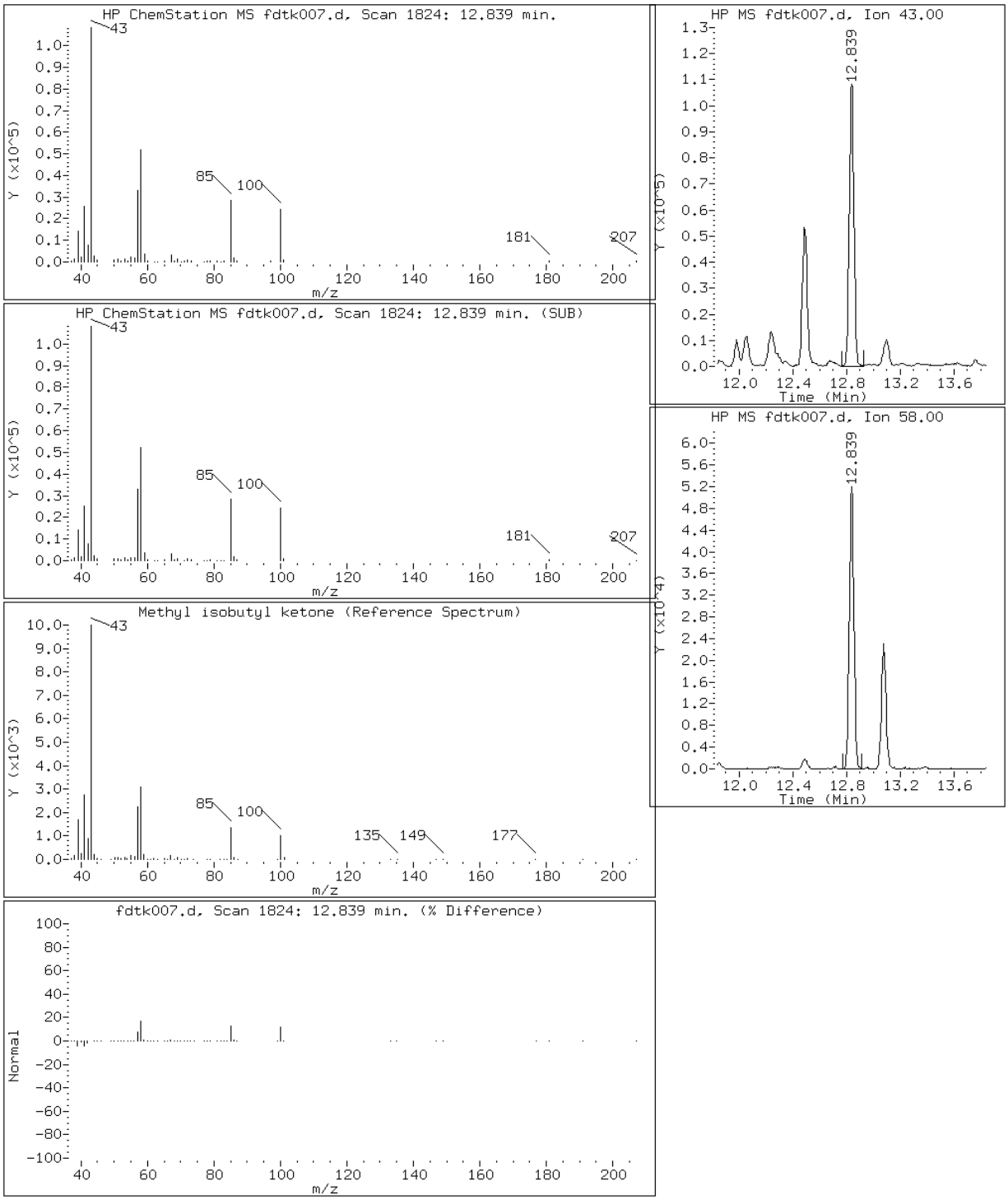
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

56 Methyl isobutyl ketone



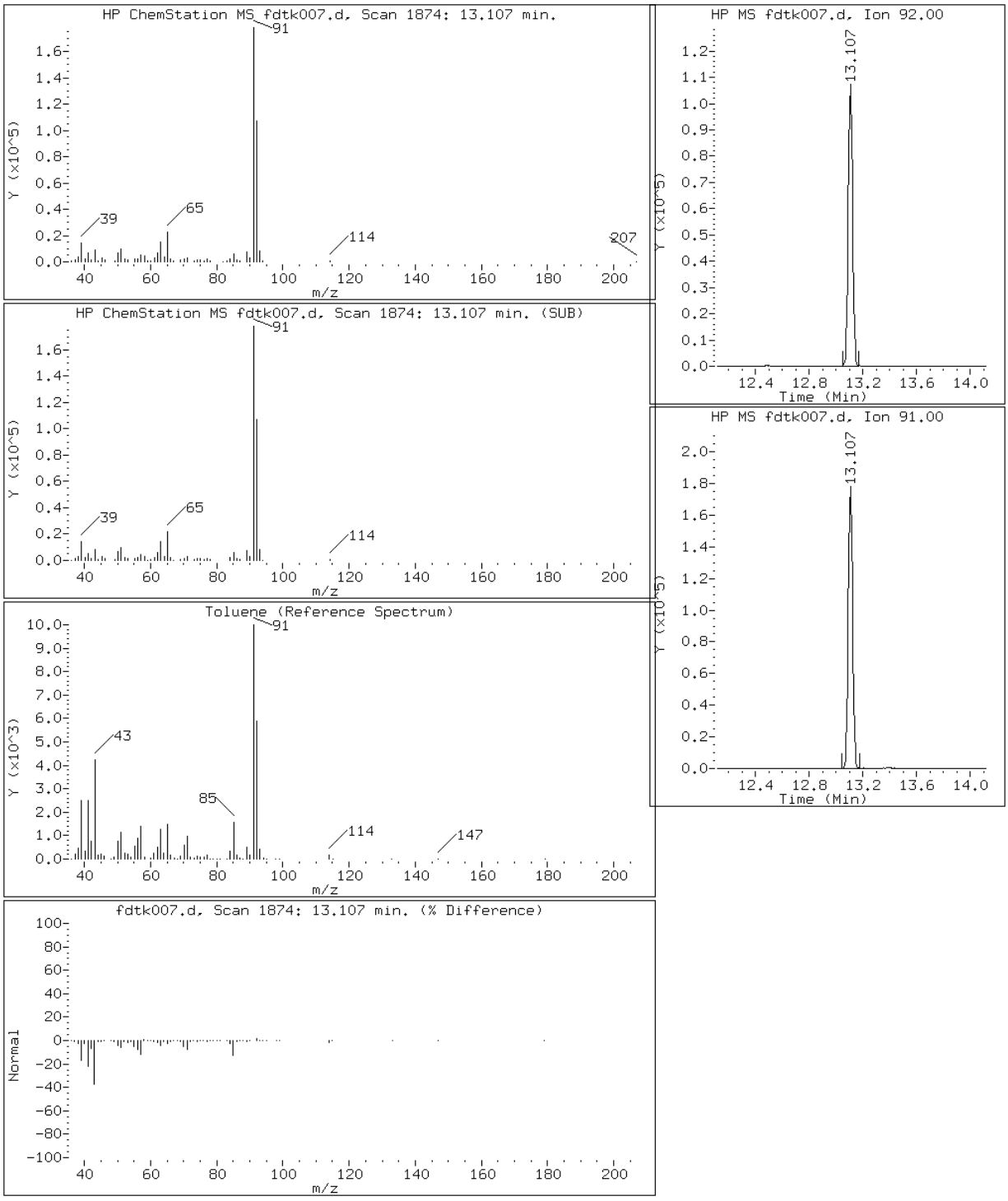
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

58 Toluene



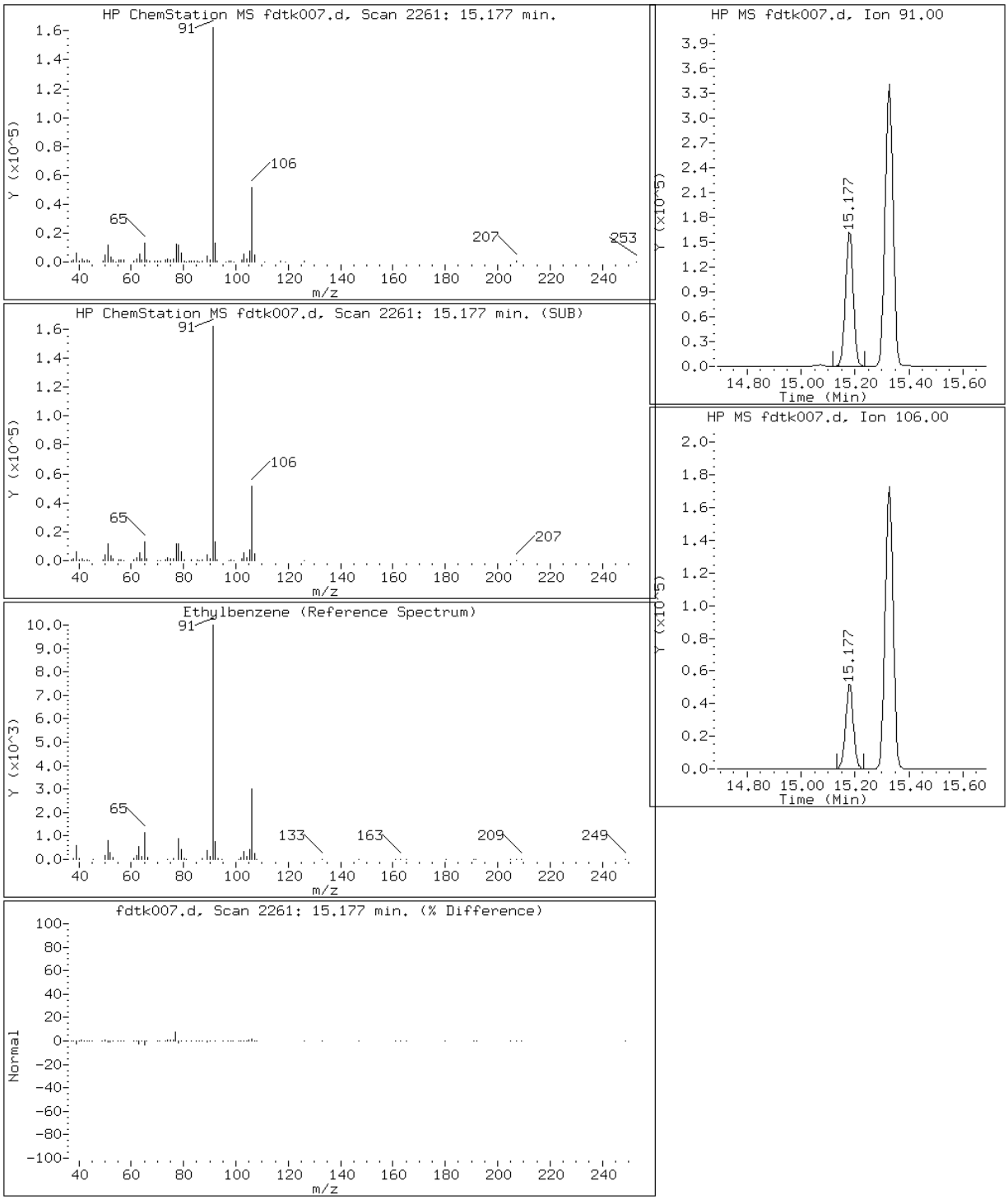
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

68 Ethylbenzene



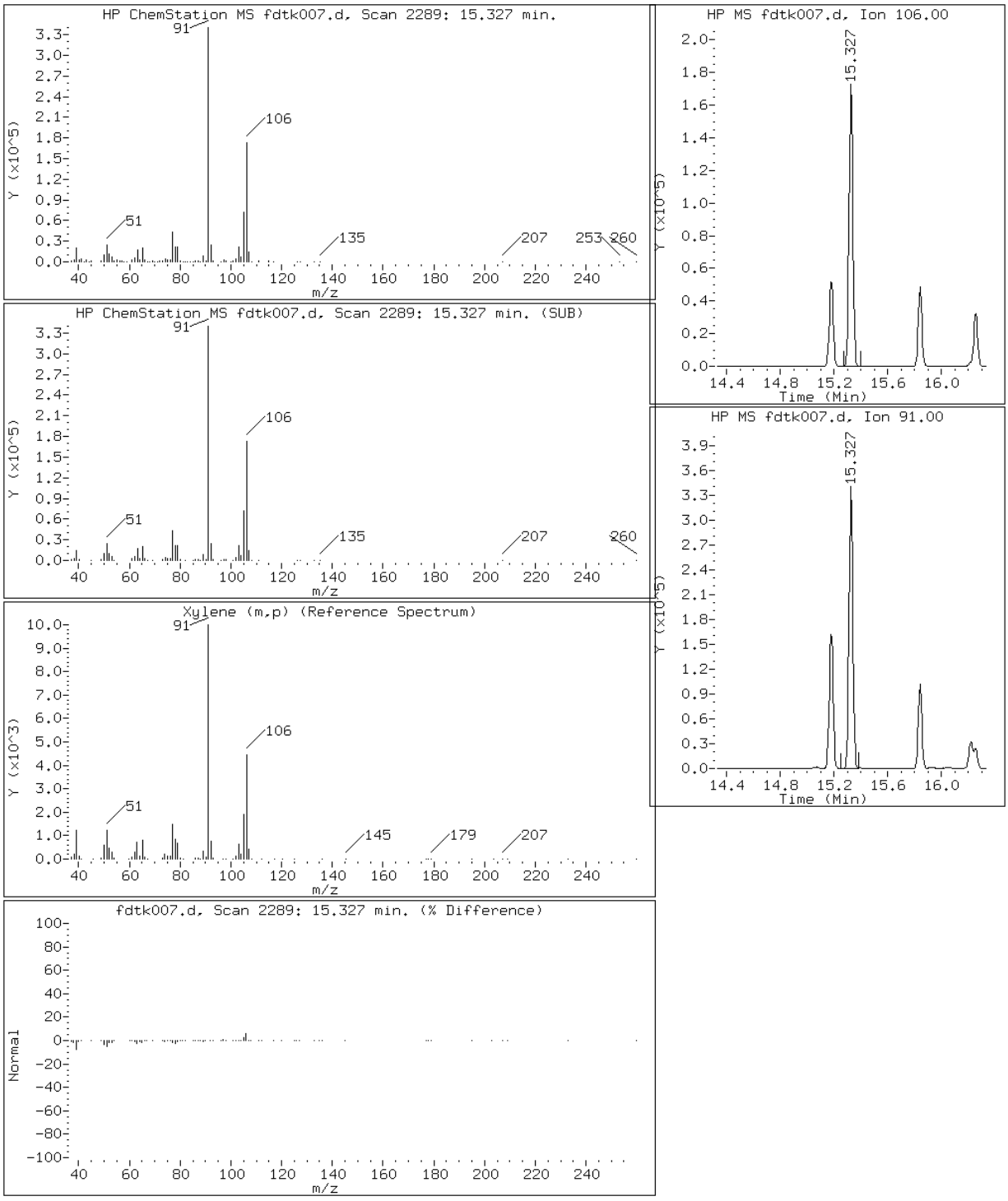
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

69 Xylene (m,p)



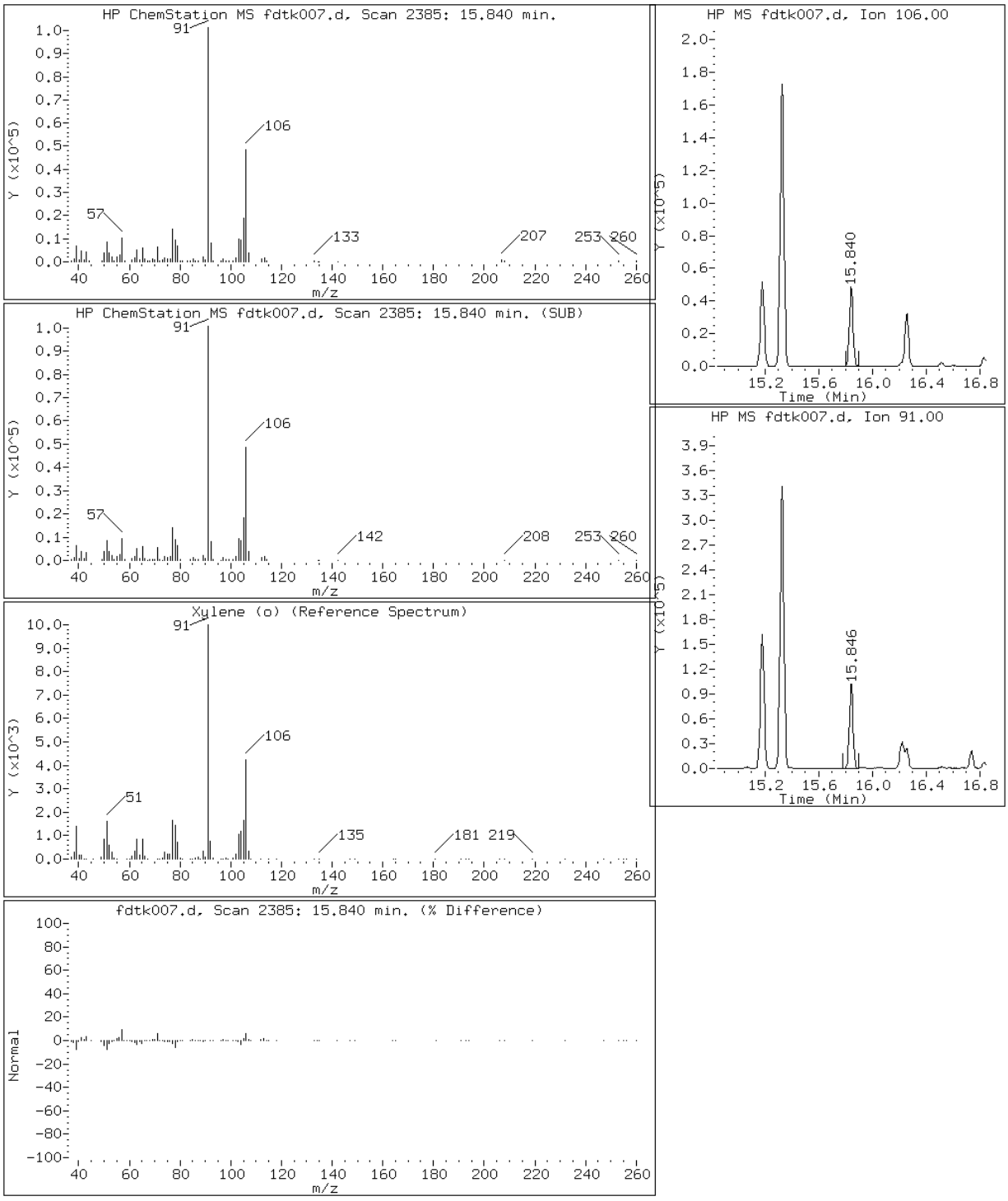
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

71 Xylene (o)



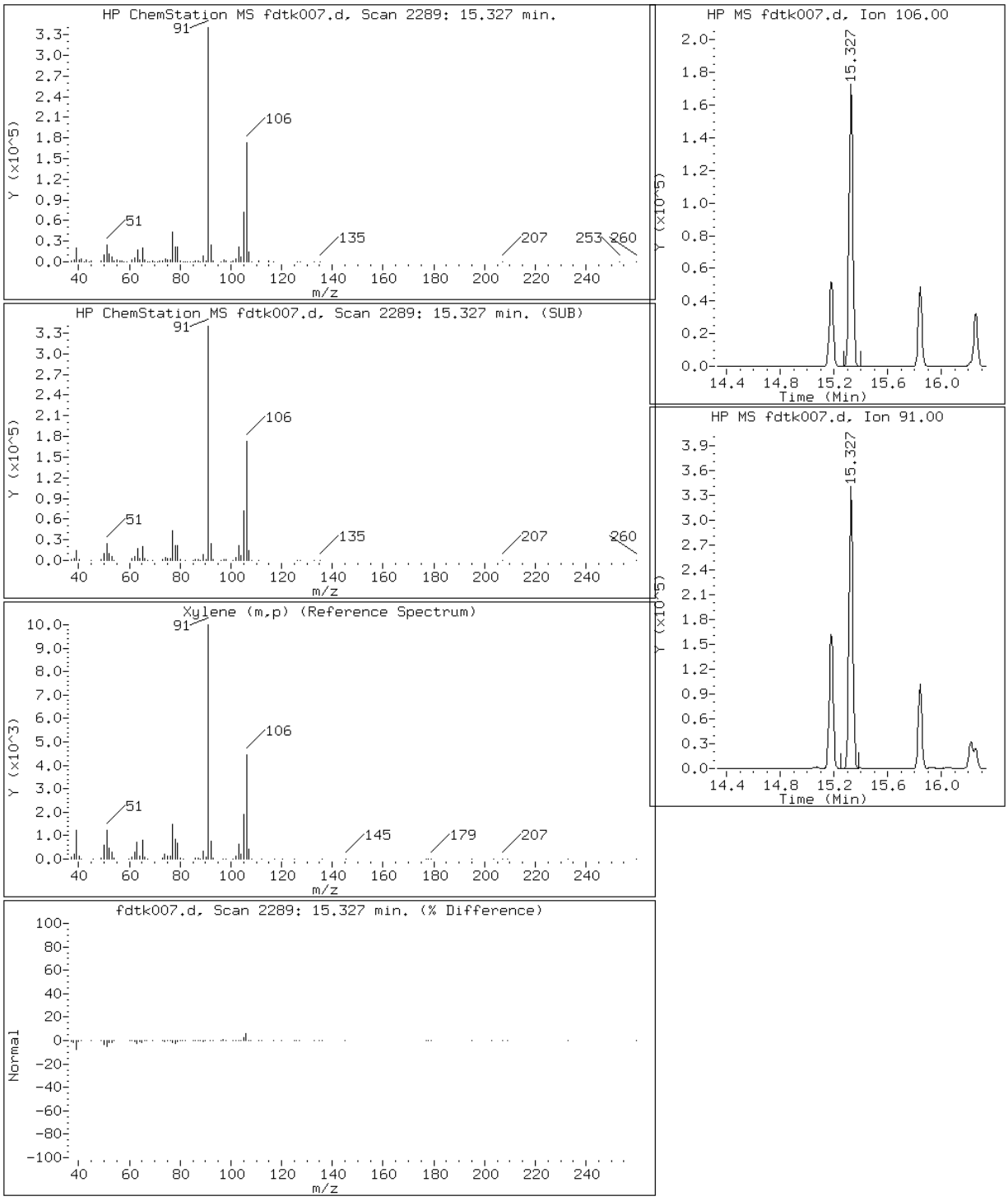
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

69 Xylene (m,p)



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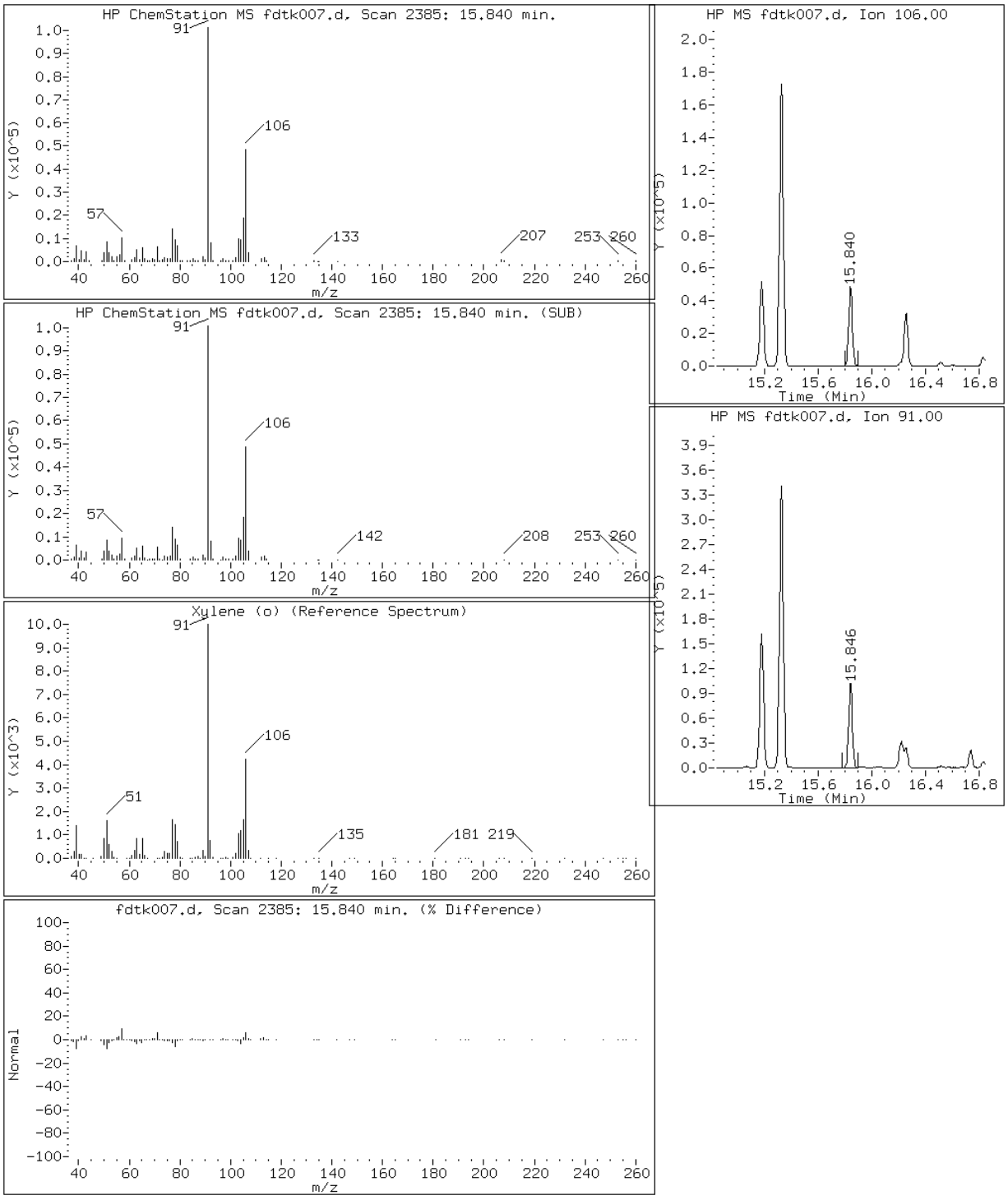
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

71 Xylene (o)



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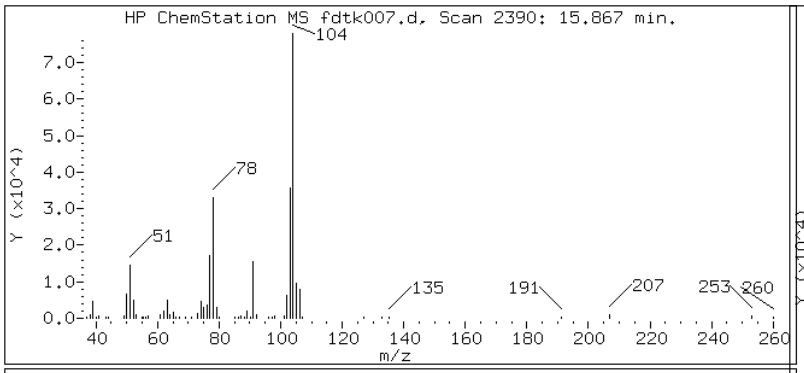
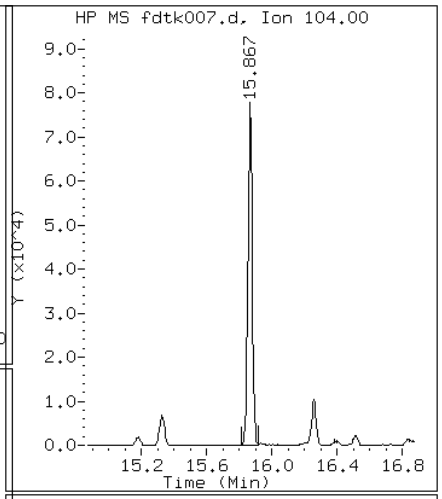
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

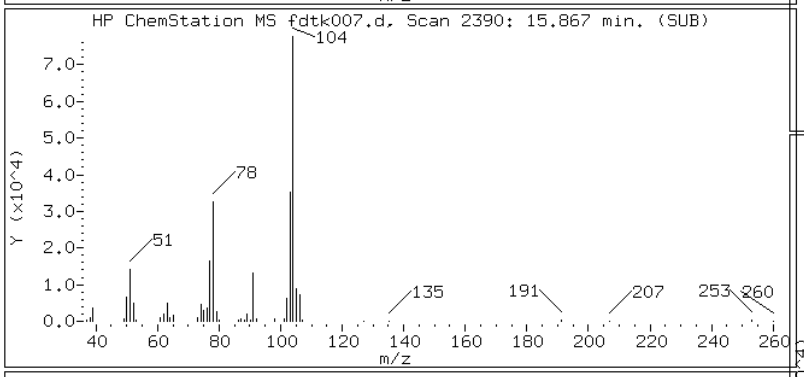
Client ID: CE-VAPOR-5 Instrument: F.i

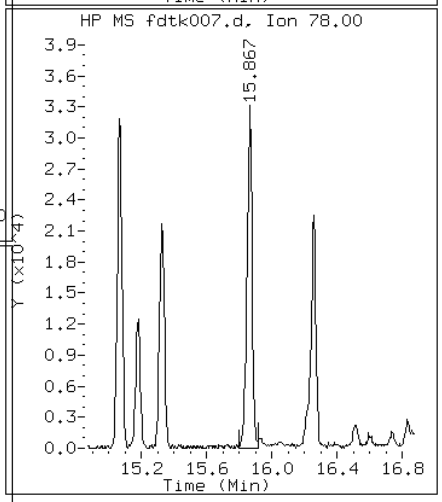
Sample Info: 200-1086-A-6 Operator: wrd

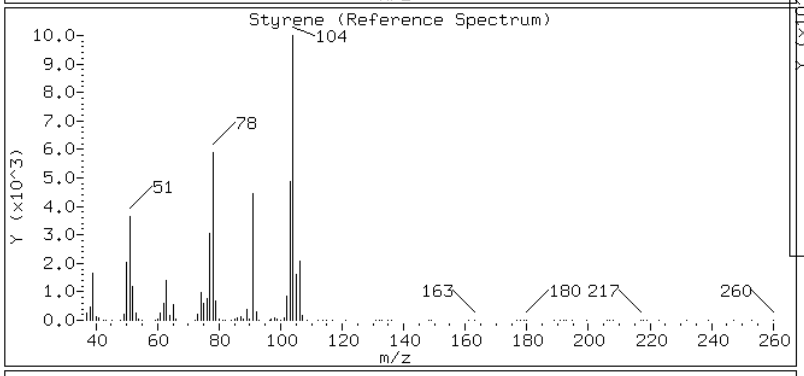
72 Styrene

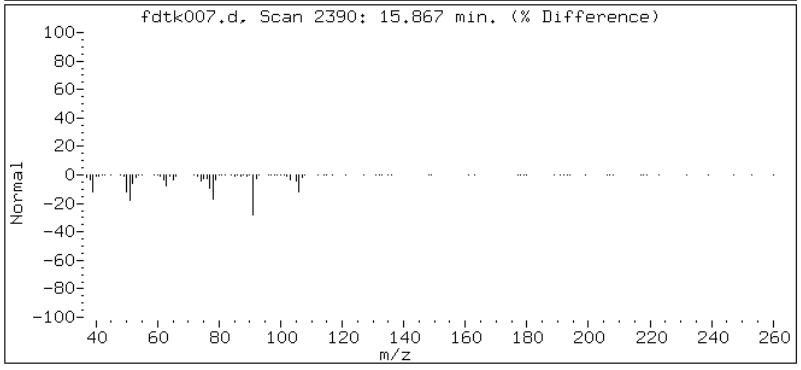












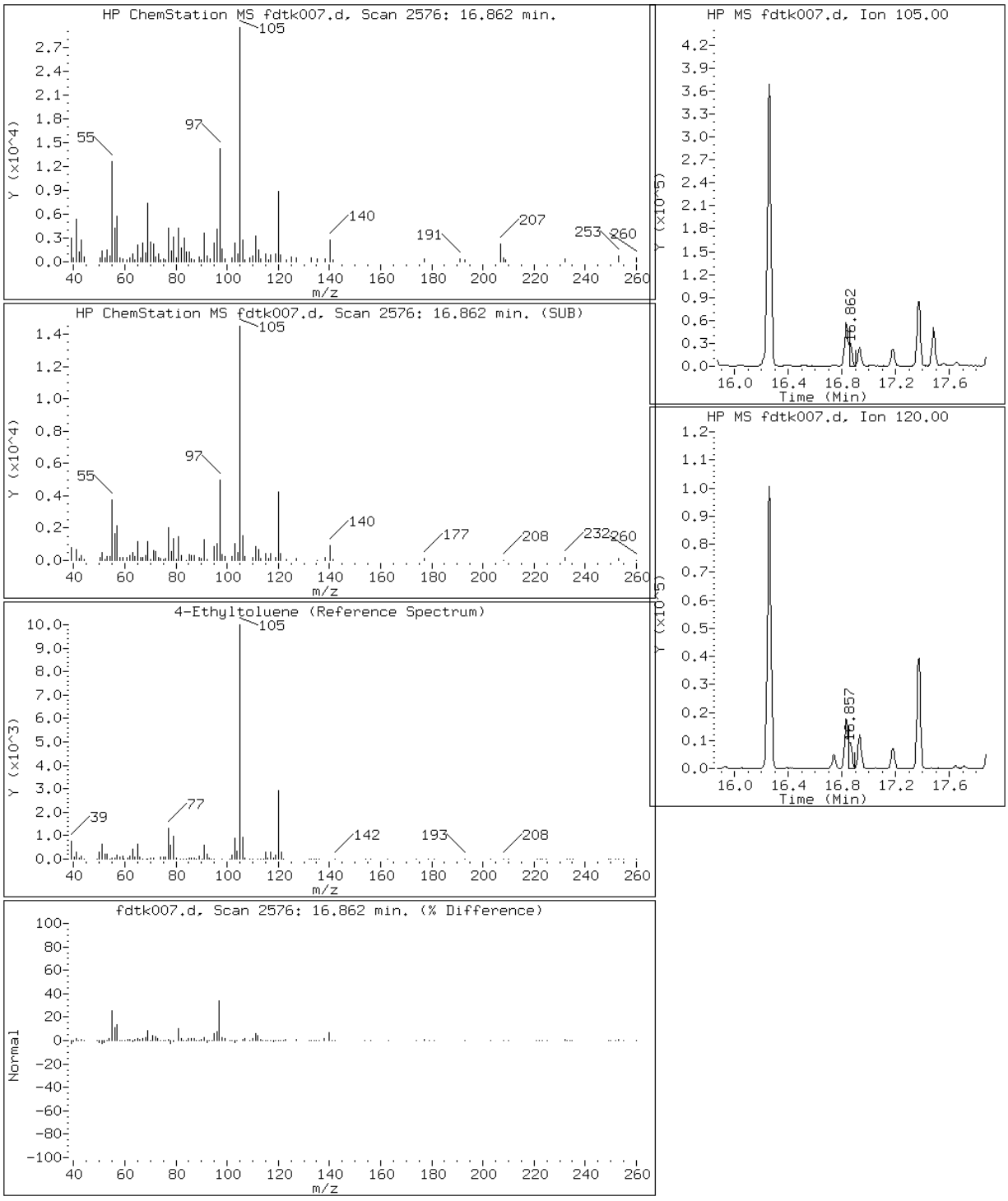
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

79 4-Ethyltoluene



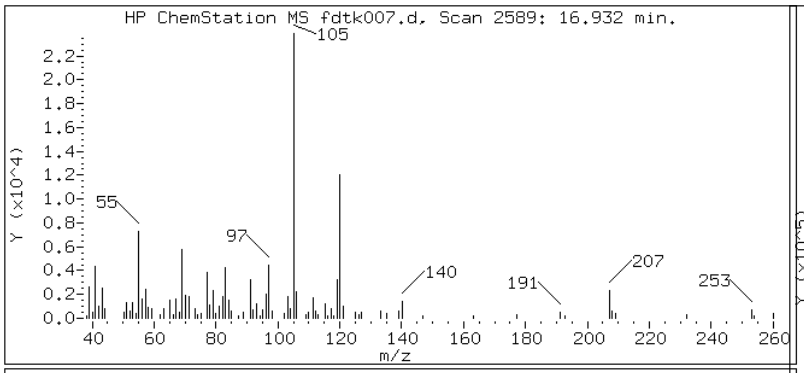
Data File: fdtk007.d

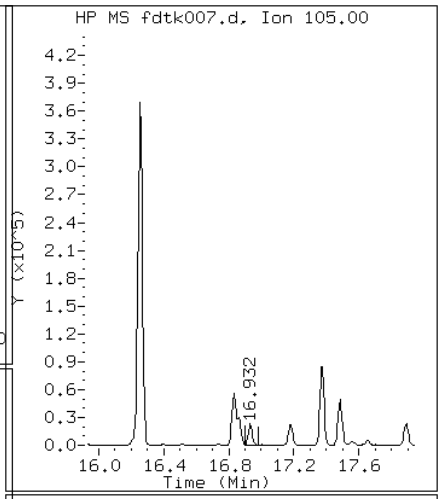
Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

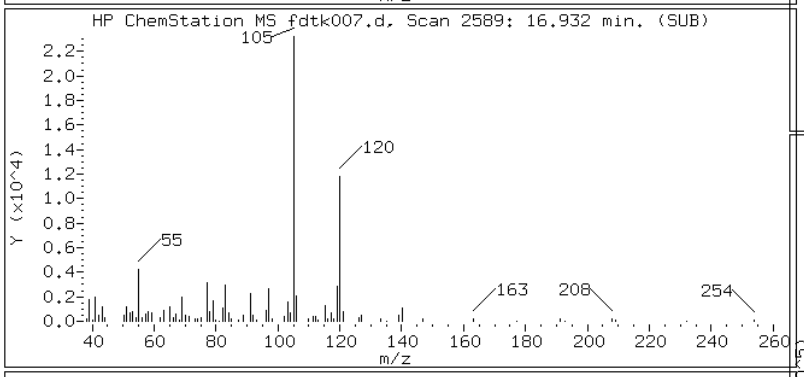
Client ID: CE-VAPOR-5 Instrument: F.i

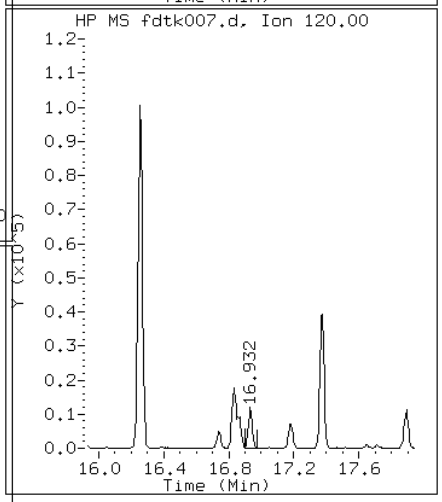
Sample Info: 200-1086-A-6 Operator: wrd

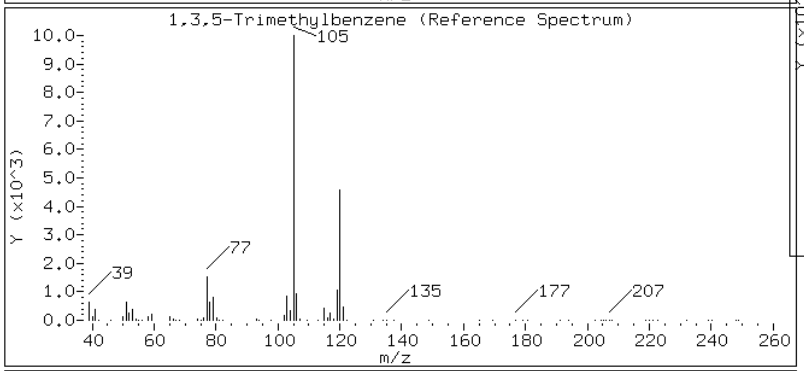
81 1,3,5-Trimethylbenzene

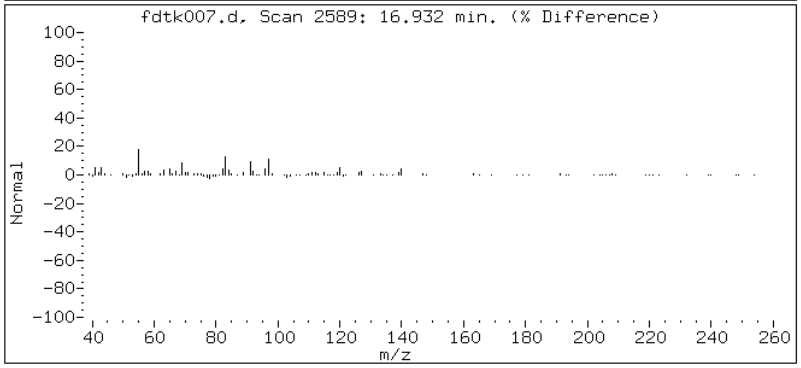












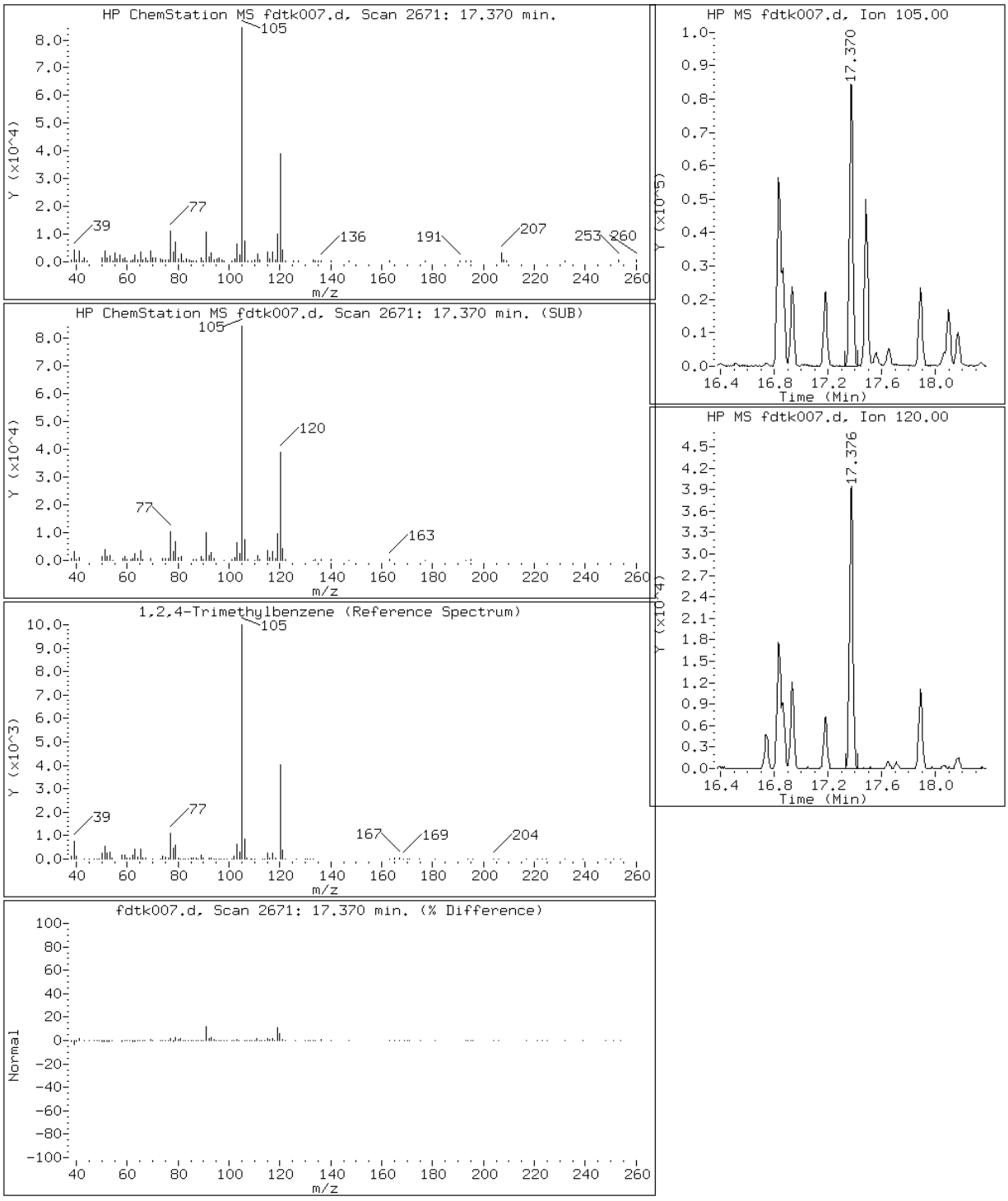
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

84 1,2,4-Trimethylbenzene



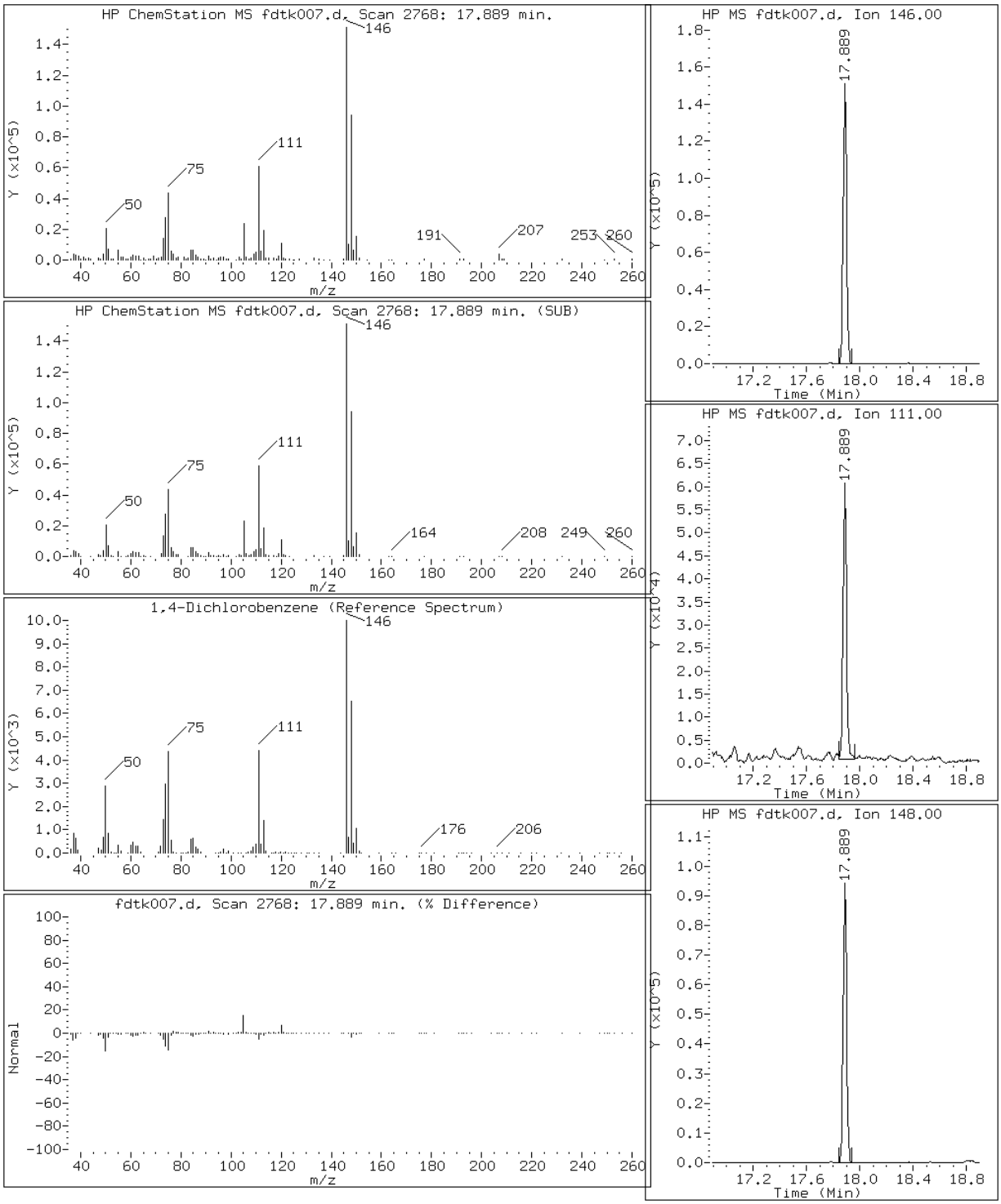
Data File: fdtk007.d

Lab Sample ID: 200-1086-6 Date: 25-AUG-2010 19:50

Client ID: CE-VAPOR-5 Instrument: F.i

Sample Info: 200-1086-A-6 Operator: wrd

88 1,4-Dichlorobenzene



Manual Integration Report

Data File: fdtk007.d
Lab Sample ID: 200-1086-6
Inj. Date and Time: 25-AUG-2010 19:50
Instrument ID: F.i
Client ID: CE-VAPOR-5
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 08/27/2010

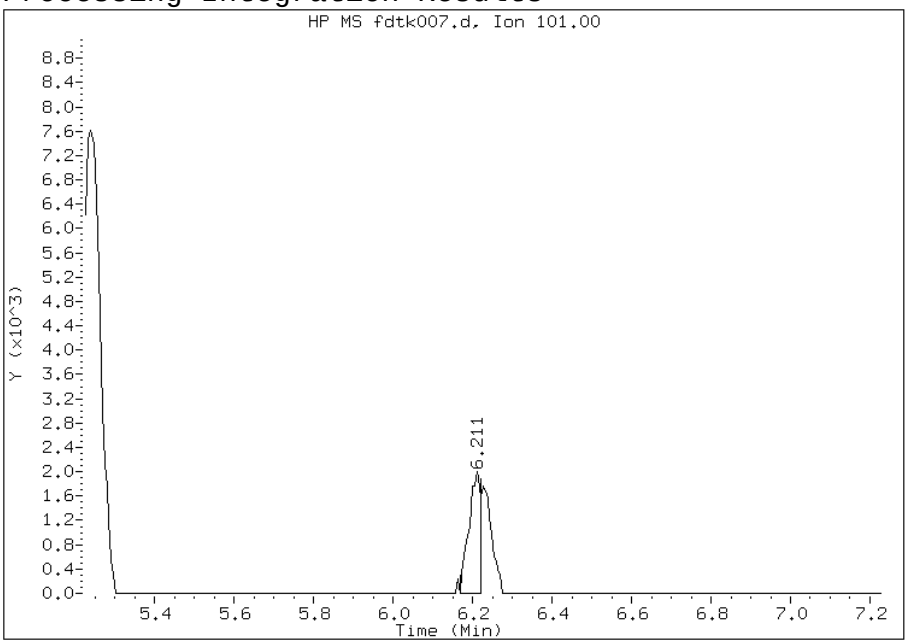
Processing Integration Results

RT: 6.21

Response: 4158

Amount: 0.048465

Conc: 0.048465



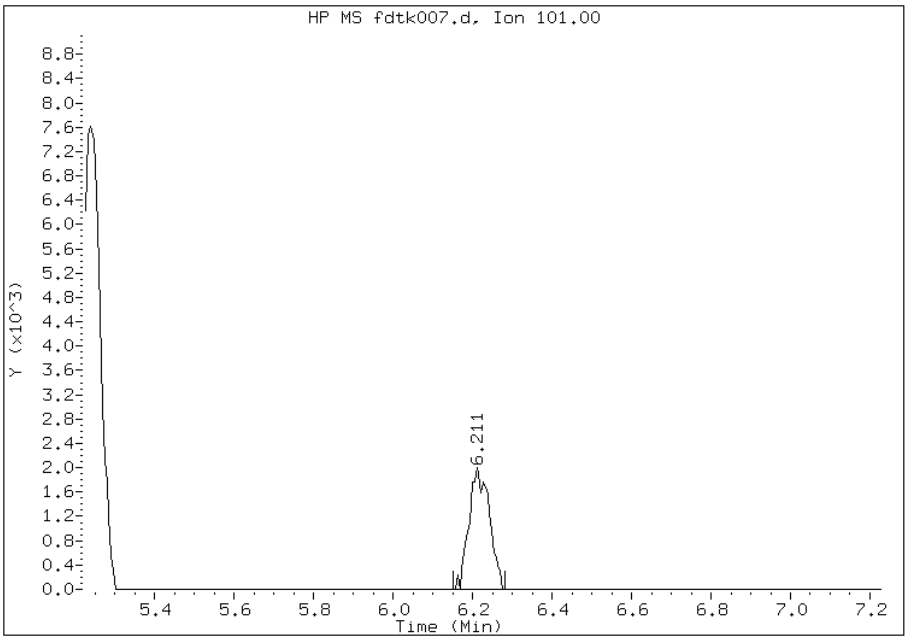
Manual Integration Results

RT: 6.21

Response: 7143

Amount: 0.083258

Conc: 0.083258



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: fdtk007.d
Lab Sample ID: 200-1086-6
Inj. Date and Time: 25-AUG-2010 19:50
Instrument ID: F.i
Client ID: CE-VAPOR-5
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 08/27/2010

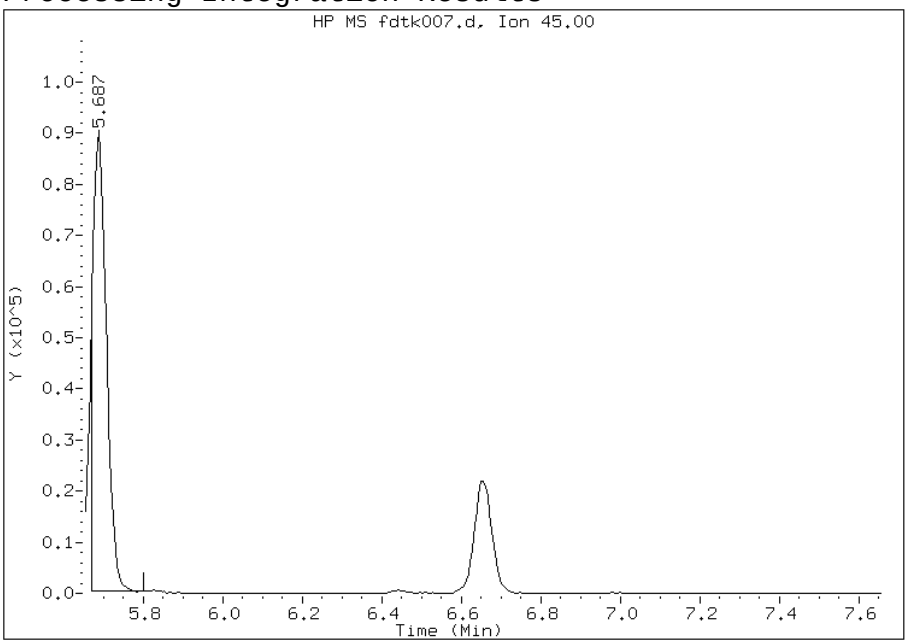
Processing Integration Results

RT: 5.69

Response: 213039

Amount: 5.37

Conc: 5.37



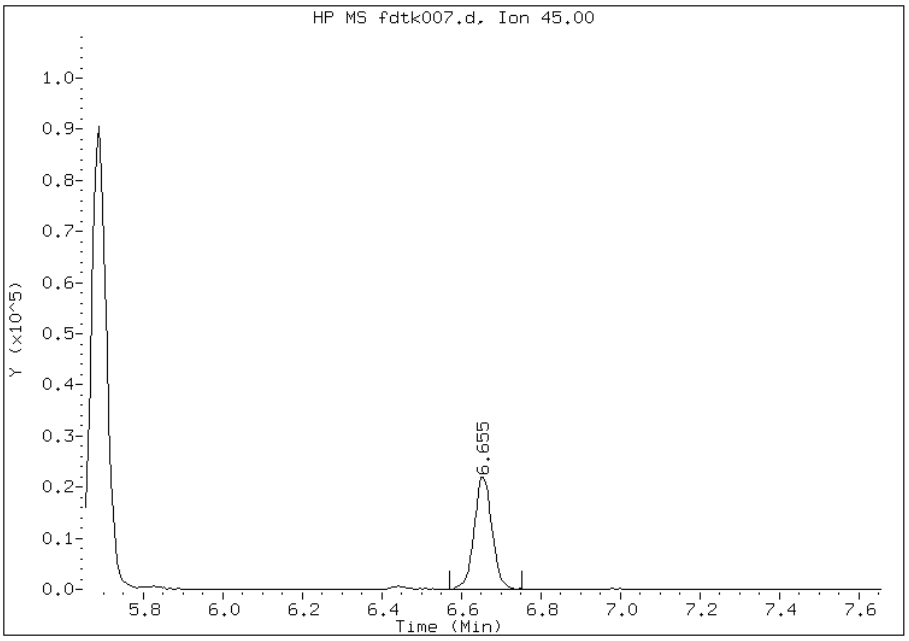
Manual Integration Results

RT: 6.65

Response: 68524

Amount: 1.73

Conc: 1.73



File Uploaded By: wrd
Manual Integration Reason: Analyte misidentified by the data system

Manual Integration Report

Data File: fdtk007.d
Lab Sample ID: 200-1086-6
Inj. Date and Time: 25-AUG-2010 19:50
Instrument ID: F.i
Client ID: CE-VAPOR-5
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 08/27/2010

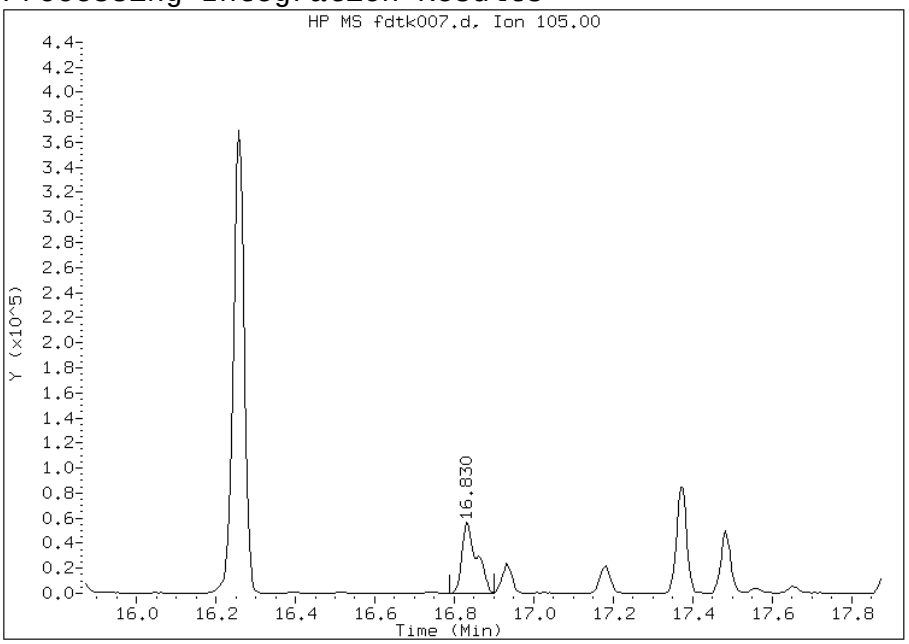
Processing Integration Results

RT: 16.83

Response: 147523

Amount: 0.676739

Conc: 0.676739



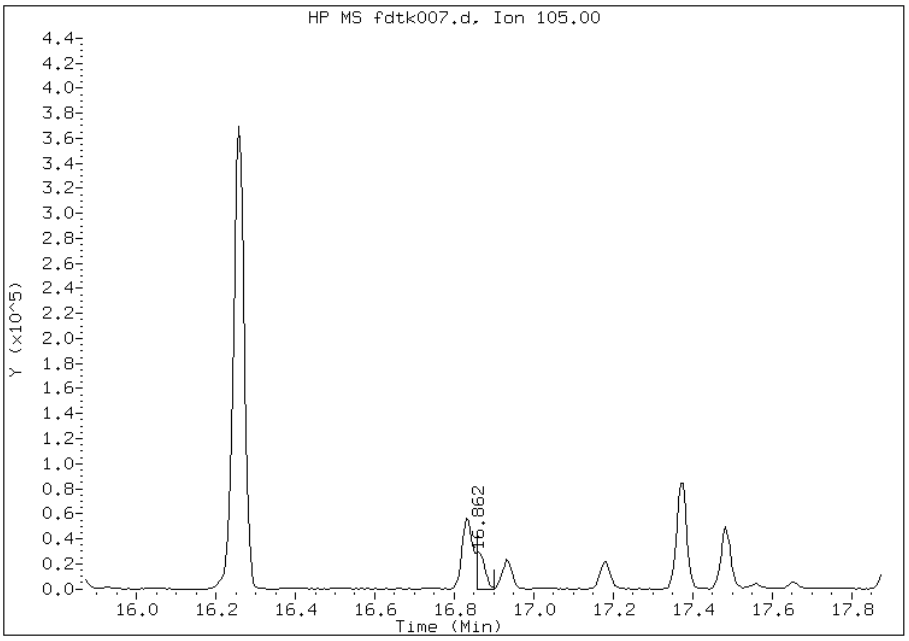
Manual Integration Results

RT: 16.86

Response: 43640

Amount: 0.200192

Conc: 0.200192



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	7.6	U	7.6	0.18
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	3.1	U	3.1	0.18
74-87-3	Chloromethane	50.49	7.6	U	7.6	0.32
75-01-4	Vinyl chloride	62.50	3.1	U	3.1	0.38
106-99-0	1,3-Butadiene	54.09	3.1	U	3.1	0.41
74-83-9	Bromomethane	94.94	3.1	U	3.1	0.21
75-00-3	Chloroethane	64.52	7.6	U	7.6	1.5
593-60-2	Bromoethene(Vinyl Bromide)	106.96	3.1	U	3.1	0.76
75-69-4	Trichlorofluoromethane	137.37	3.1	U	3.1	0.76
76-13-1	Freon TF	187.38	3.1	U	3.1	0.76
75-35-4	1,1-Dichloroethene	96.94	3.1	U	3.1	0.23
67-64-1	Acetone	58.08	76	U	76	15
67-63-0	Isopropyl alcohol	60.10	76	U	76	0.66
75-15-0	Carbon disulfide	76.14	15		7.6	0.76
107-05-1	3-Chloropropene	76.53	7.6	U	7.6	0.44
75-09-2	Methylene Chloride	84.93	7.6	U	7.6	0.46
75-65-0	tert-Butyl alcohol	74.12	76	U	76	1.5
1634-04-4	Methyl tert-butyl ether	88.15	3.1	U	3.1	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	3.1	U	3.1	0.76
110-54-3	n-Hexane	86.17	3.1	U	3.1	0.35
75-34-3	1,1-Dichloroethane	98.96	3.1	U	3.1	0.20
78-93-3	Methyl Ethyl Ketone	72.11	180		7.6	0.98
156-59-2	cis-1,2-Dichloroethene	96.94	3.1	U	3.1	0.76
540-59-0	1,2-Dichloroethene, Total	96.94	3.1	U	3.1	1.5
67-66-3	Chloroform	119.38	3.1	U	3.1	0.76
109-99-9	Tetrahydrofuran	72.11	420		76	1.5
71-55-6	1,1,1-Trichloroethane	133.41	3.1	U	3.1	0.76
110-82-7	Cyclohexane	84.16	3.1	U	3.1	0.18
56-23-5	Carbon tetrachloride	153.81	3.1	U	3.1	0.76
540-84-1	2,2,4-Trimethylpentane	114.23	3.1	U	3.1	0.20
71-43-2	Benzene	78.11	3.1	U	3.1	0.76
107-06-2	1,2-Dichloroethane	98.96	3.1	U	3.1	0.23
142-82-5	n-Heptane	100.21	3.1	U	3.1	0.41
79-01-6	Trichloroethene	131.39	3.1	U	3.1	0.21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	3.1	U	3.1	0.24
123-91-1	1,4-Dioxane	88.11	76	U	76	0.54
75-27-4	Bromodichloromethane	163.83	3.1	U	3.1	0.76
10061-01-5	cis-1,3-Dichloropropene	110.97	3.1	U	3.1	0.76
108-10-1	methyl isobutyl ketone	100.16	41		7.6	0.98
108-88-3	Toluene	92.14	4.8		3.1	0.76
10061-02-6	trans-1,3-Dichloropropene	110.97	3.1	U	3.1	0.98
79-00-5	1,1,2-Trichloroethane	133.41	3.1	U	3.1	0.76
127-18-4	Tetrachloroethene	165.83	3.1	U	3.1	0.26
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	7.6	U	7.6	0.43
124-48-1	Dibromochloromethane	208.29	3.1	U	3.1	0.76
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.18
108-90-7	Chlorobenzene	112.30	3.1	U	3.1	0.76
100-41-4	Ethylbenzene	106.17	3.1	U	3.1	0.21
179601-23-1	m,p-Xylene	106.17	7.6	U	7.6	0.35
95-47-6	Xylene, o-	106.17	3.1	U	3.1	0.76
1330-20-7	Xylene (total)	106.17	5.9		3.1	2.3
100-42-5	Styrene	104.15	4.1		3.1	0.76
75-25-2	Bromoform	252.75	3.1	U	3.1	0.76
79-34-5	1,1,2,2-Tetrachloroethane	167.85	3.1	U	3.1	0.76
622-96-8	4-Ethyltoluene	120.20	3.1	U	3.1	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	3.1	U	3.1	0.98
95-49-8	2-Chlorotoluene	126.59	3.1	U	3.1	0.98
95-63-6	1,2,4-Trimethylbenzene	120.20	3.1	U	3.1	0.98
541-73-1	1,3-Dichlorobenzene	147.00	3.1	U	3.1	0.28
106-46-7	1,4-Dichlorobenzene	147.00	3.1	U	3.1	0.32
95-50-1	1,2-Dichlorobenzene	147.00	3.1	U	3.1	0.26
120-82-1	1,2,4-Trichlorobenzene	181.45	7.6	U	7.6	0.49
87-68-3	Hexachlorobutadiene	260.76	3.1	U	3.1	0.34

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	38	U	38	0.91
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	21	U	21	1.3
74-87-3	Chloromethane	50.49	16	U	16	0.66
75-01-4	Vinyl chloride	62.50	7.8	U	7.8	0.98
106-99-0	1,3-Butadiene	54.09	6.8	U	6.8	0.91
74-83-9	Bromomethane	94.94	12	U	12	0.83
75-00-3	Chloroethane	64.52	20	U	20	4.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	13	U	13	3.3
75-69-4	Trichlorofluoromethane	137.37	17	U	17	4.3
76-13-1	Freon TF	187.38	23	U	23	5.9
75-35-4	1,1-Dichloroethene	96.94	12	U	12	0.91
67-64-1	Acetone	58.08	180	U	180	36
67-63-0	Isopropyl alcohol	60.10	190	U	190	1.6
75-15-0	Carbon disulfide	76.14	48		24	2.4
107-05-1	3-Chloropropene	76.53	24	U	24	1.4
75-09-2	Methylene Chloride	84.93	27	U	27	1.6
75-65-0	tert-Butyl alcohol	74.12	230	U	230	4.6
1634-04-4	Methyl tert-butyl ether	88.15	11	U	11	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	12	U	12	3.0
110-54-3	n-Hexane	86.17	11	U	11	1.2
75-34-3	1,1-Dichloroethane	98.96	12	U	12	0.81
78-93-3	Methyl Ethyl Ketone	72.11	530		23	2.9
156-59-2	cis-1,2-Dichloroethene	96.94	12	U	12	3.0
540-59-0	1,2-Dichloroethene, Total	96.94	12	U	12	6.1
67-66-3	Chloroform	119.38	15	U	15	3.7
109-99-9	Tetrahydrofuran	72.11	1200		230	4.5
71-55-6	1,1,1-Trichloroethane	133.41	17	U	17	4.2
110-82-7	Cyclohexane	84.16	11	U	11	0.63
56-23-5	Carbon tetrachloride	153.81	19	U	19	4.8
540-84-1	2,2,4-Trimethylpentane	114.23	14	U	14	0.93
71-43-2	Benzene	78.11	9.8	U	9.8	2.4
107-06-2	1,2-Dichloroethane	98.96	12	U	12	0.93
142-82-5	n-Heptane	100.21	13	U	13	1.7
79-01-6	Trichloroethene	131.39	16	U	16	1.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 200-1086-7

Matrix: Air Lab File ID: fdtk008.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:48

Sample wt/vol: 58(mL) Date Analyzed: 08/25/2010 20:41

Soil Aliquot Vol: Dilution Factor: 15.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	14	U	14	1.1
123-91-1	1,4-Dioxane	88.11	280	U	280	1.9
75-27-4	Bromodichloromethane	163.83	21	U	21	5.1
10061-01-5	cis-1,3-Dichloropropene	110.97	14	U	14	3.5
108-10-1	methyl isobutyl ketone	100.16	170		31	4.0
108-88-3	Toluene	92.14	18		12	2.9
10061-02-6	trans-1,3-Dichloropropene	110.97	14	U	14	4.4
79-00-5	1,1,2-Trichloroethane	133.41	17	U	17	4.2
127-18-4	Tetrachloroethene	165.83	21	U	21	1.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	31	U	31	1.8
124-48-1	Dibromochloromethane	208.29	26	U	26	6.5
106-93-4	1,2-Dibromoethane	187.87	24	U	24	1.4
108-90-7	Chlorobenzene	112.30	14	U	14	3.5
100-41-4	Ethylbenzene	106.17	13	U	13	0.93
179601-23-1	m,p-Xylene	106.17	33	U	33	1.5
95-47-6	Xylene, o-	106.17	13	U	13	3.3
1330-20-7	Xylene (total)	106.17	26		13	10
100-42-5	Styrene	104.15	18		13	3.3
75-25-2	Bromoform	252.75	32	U	32	7.9
79-34-5	1,1,2,2-Tetrachloroethane	167.85	21	U	21	5.3
622-96-8	4-Ethyltoluene	120.20	15	U	15	4.8
108-67-8	1,3,5-Trimethylbenzene	120.20	15	U	15	4.8
95-49-8	2-Chlorotoluene	126.59	16	U	16	5.1
95-63-6	1,2,4-Trimethylbenzene	120.20	15	U	15	4.8
541-73-1	1,3-Dichlorobenzene	147.00	18	U	18	1.7
106-46-7	1,4-Dichlorobenzene	147.00	18	U	18	1.9
95-50-1	1,2-Dichlorobenzene	147.00	18	U	18	1.6
120-82-1	1,2,4-Trichlorobenzene	181.45	57	U	57	3.6
87-68-3	Hexachlorobutadiene	260.76	33	U	33	3.6

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-7
Client Smp ID: CE-VAPOR-6
Inj Date : 25-AUG-2010 20:41
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-7@4.44
Misc Info : 58,15.3,to15all cdf 4.44
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 7
Dil Factor: 15.30000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	15.30000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	58.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.573	3.574	(0.373)	5335	0.18169	2.8(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.446	6.446	(0.674)	177956	2.96587	45(a)
21 Carbon disulfide	76	6.692	6.698	(0.699)	138526	0.99814	15
22 Isopropanol	45	Compound Not Detected.					

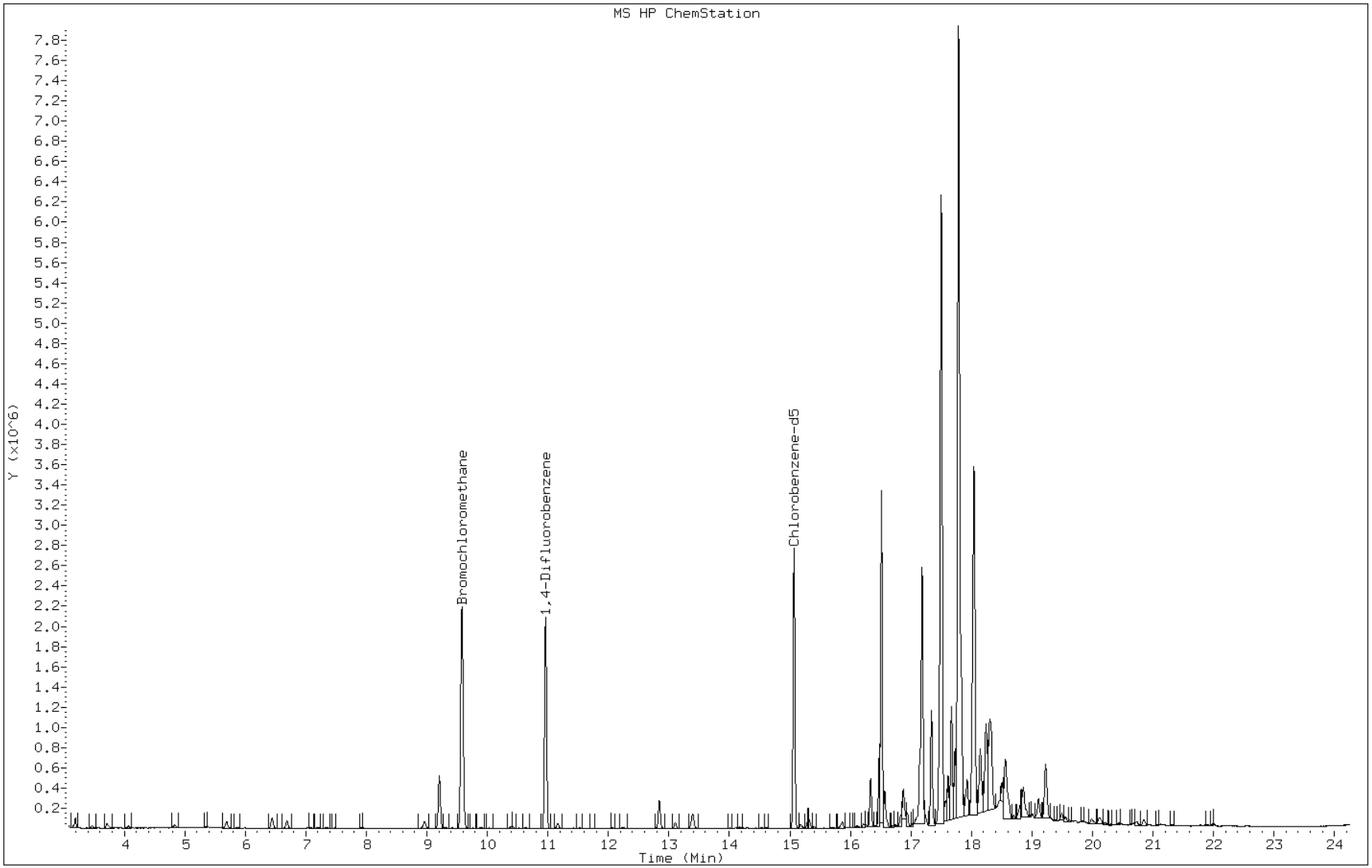
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.923	7.934	(0.828)	5556	0.08330	1.3(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	268598	11.7610	180(Q)
*	37 Bromochloromethane	128	9.570	9.581	(1.000)	471698	10.0000	
	38 Tetrahydrofuran	42	9.587	9.597	(0.875)	1008614	27.4814	420
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.881	9.918	(0.901)	13229	0.19404	3.0(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.421	10.432	(0.951)	22906	0.14288	2.2(a)
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	4395	0.06452	0.99(a)
	46 n-Heptane	43	10.640	10.641	(0.971)	2974	0.04478	0.69(a)
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2369907	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	222278	2.69891	41
	58 Toluene	92	13.107	13.118	(0.870)	31790	0.31612	4.8
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2037360	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	35929	0.15715	2.4(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	27712	0.31247	4.8(a)
M	70 Xylenes, Total	106				34325	0.38728	5.9
	71 Xylene (o)	106	15.840	15.846	(1.051)	6613	0.07481	1.1(a)
	72 Styrene	104	15.867	15.873	(1.053)	35449	0.26999	4.1
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	11695	0.05131	0.79(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	fdtk008.d	Date:	25-AUG-2010 20:41
Client ID:	CE-VAPOR-6	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-7@4.44		
Lab Sample ID:	200-1086-7		



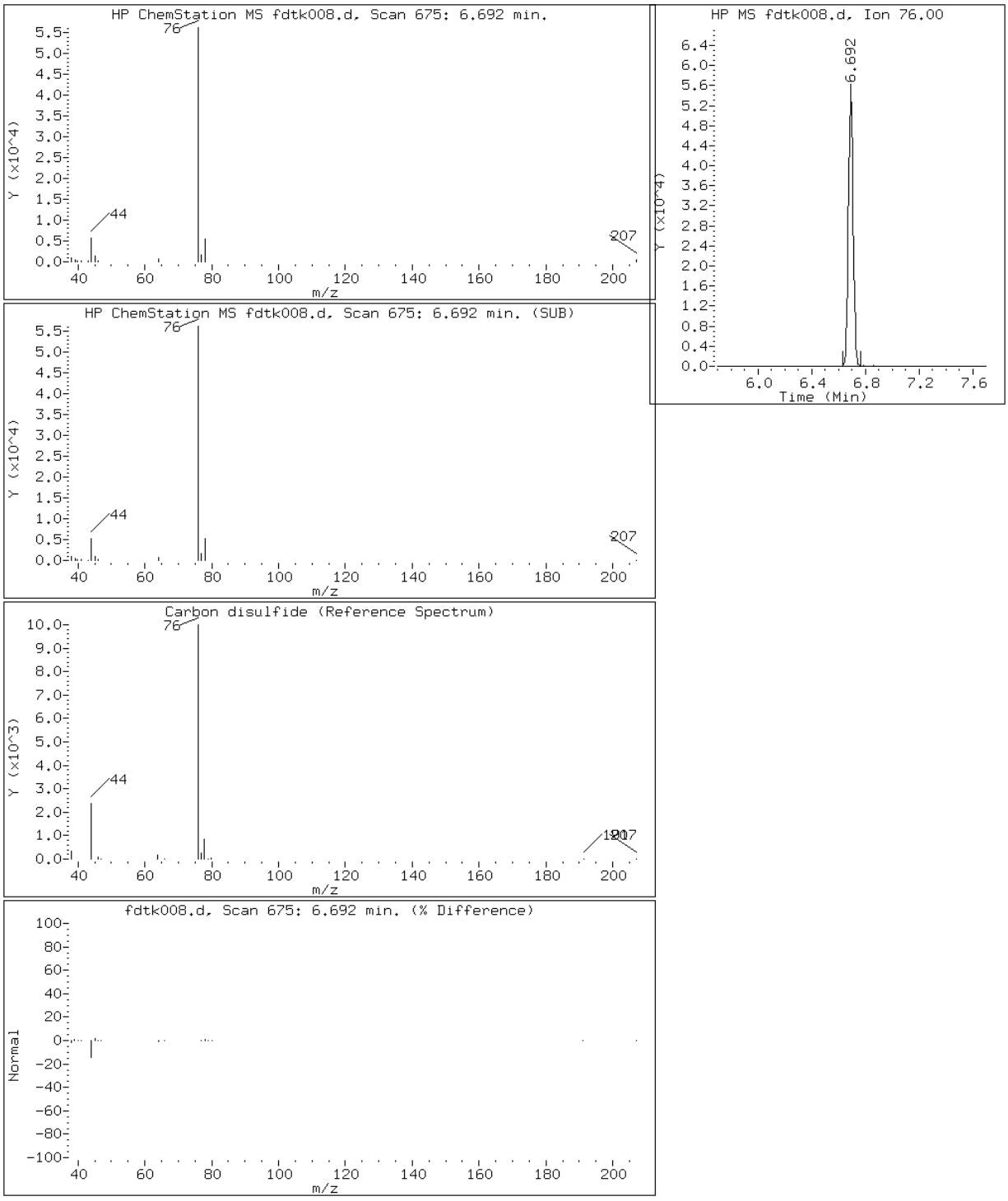
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

21 Carbon disulfide



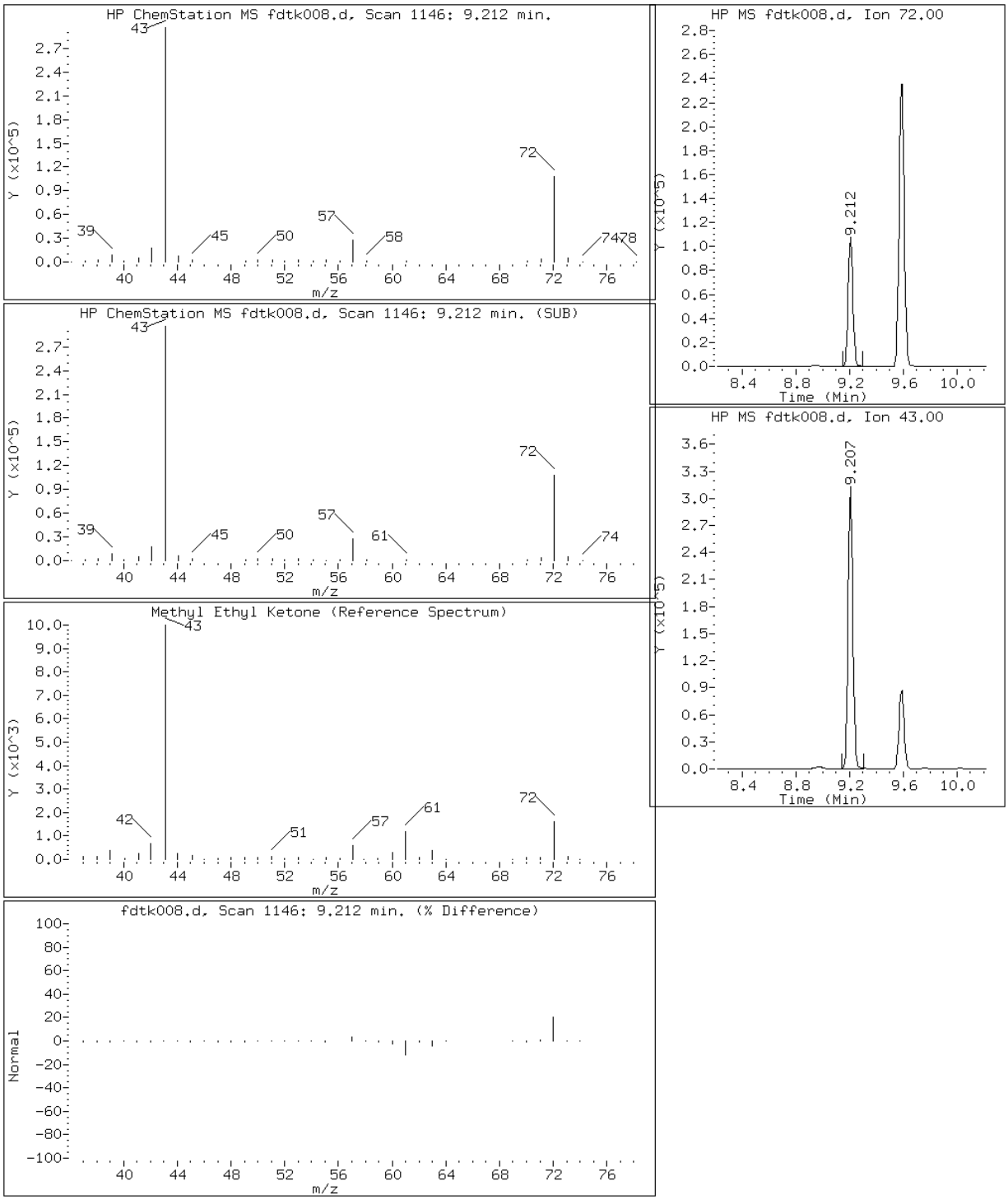
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

36 Methyl Ethyl Ketone



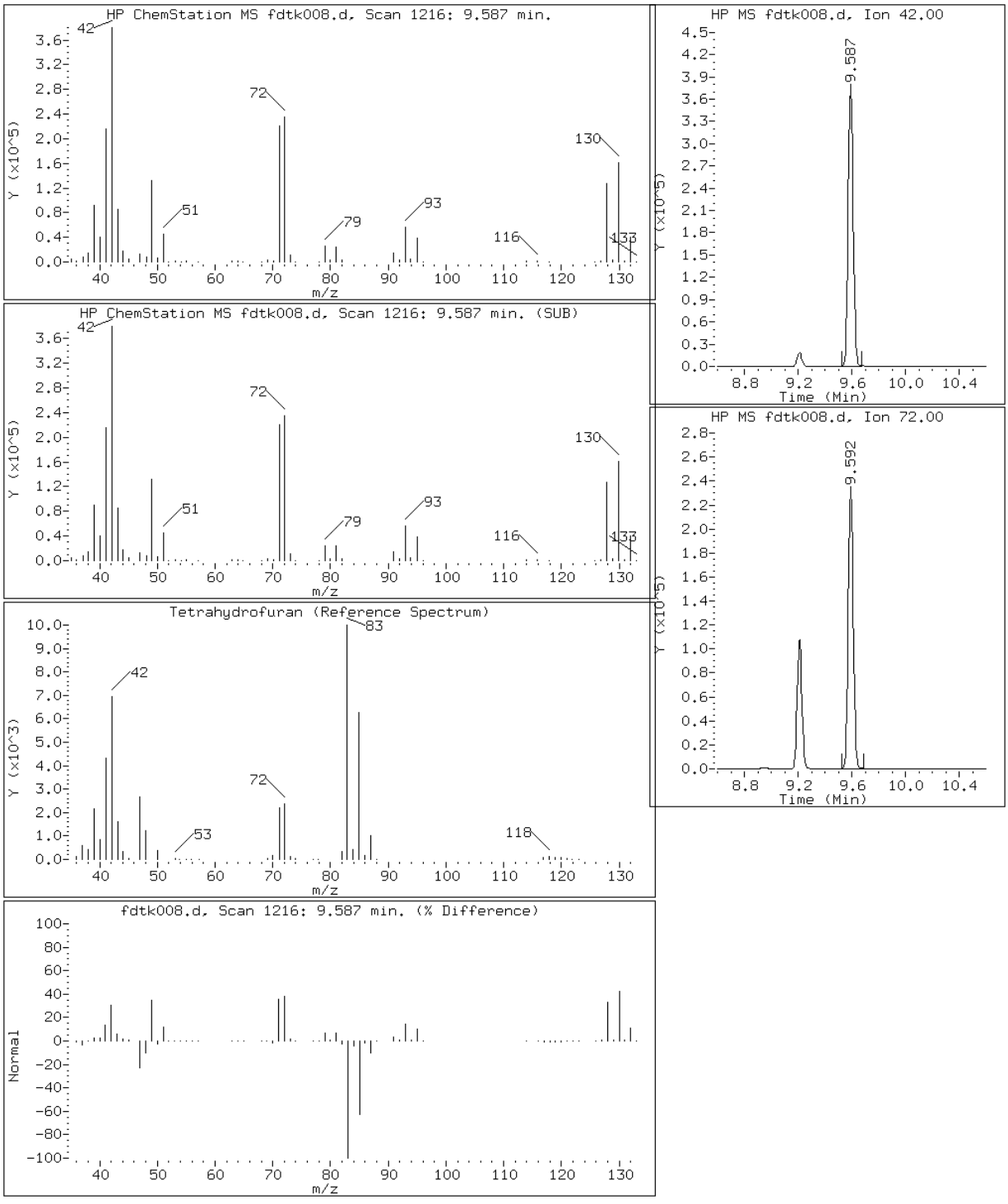
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

38 Tetrahydrofuran



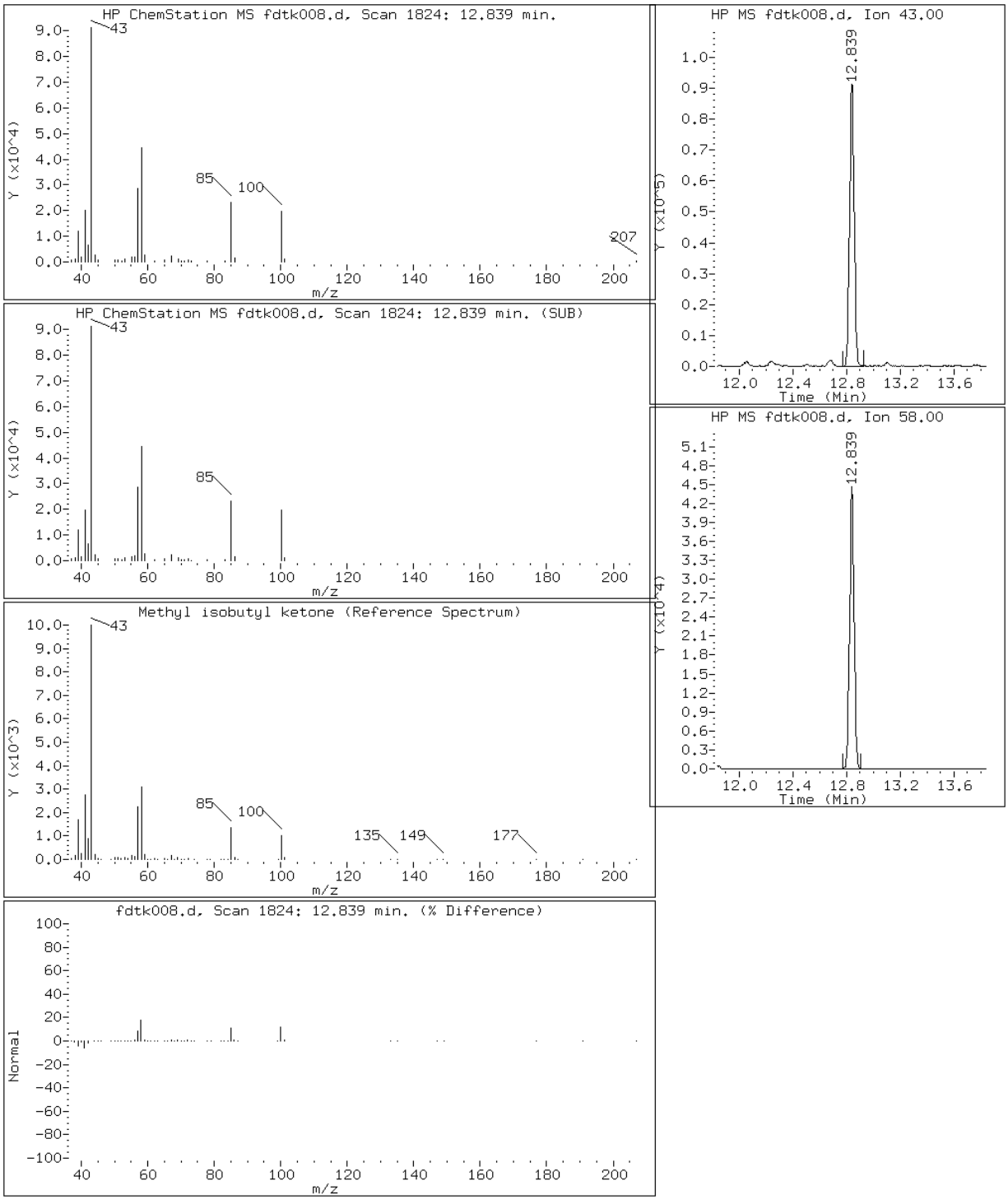
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

56 Methyl isobutyl ketone



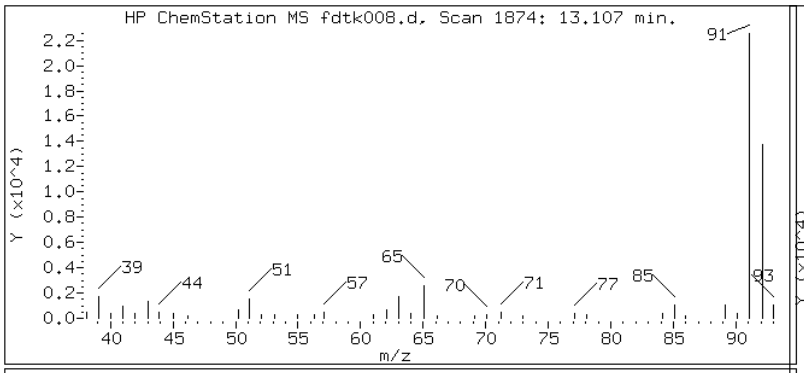
Data File: fdtk008.d

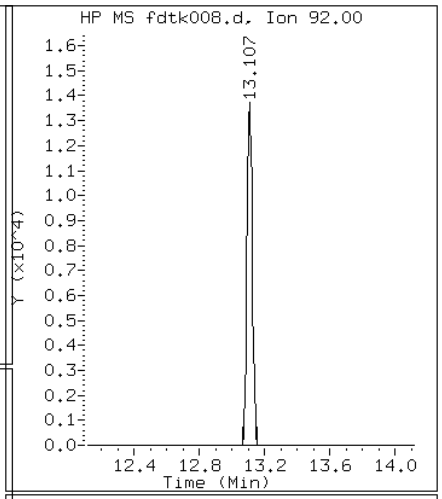
Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

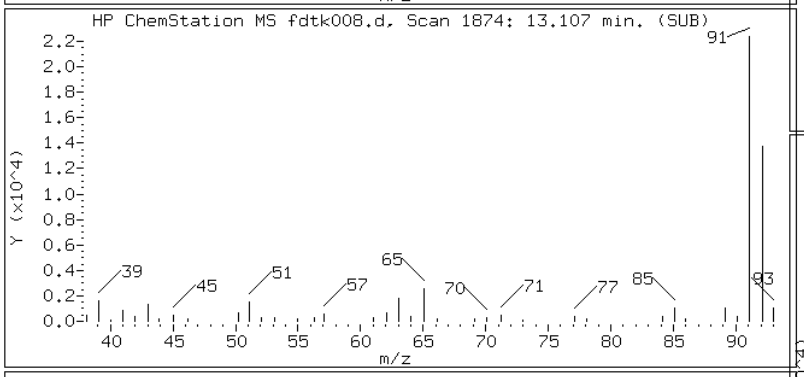
Client ID: CE-VAPOR-6 Instrument: F.i

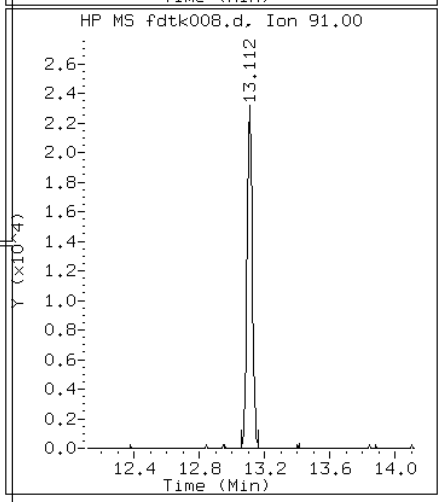
Sample Info: 200-1086-A-7@4.44 Operator: wrd

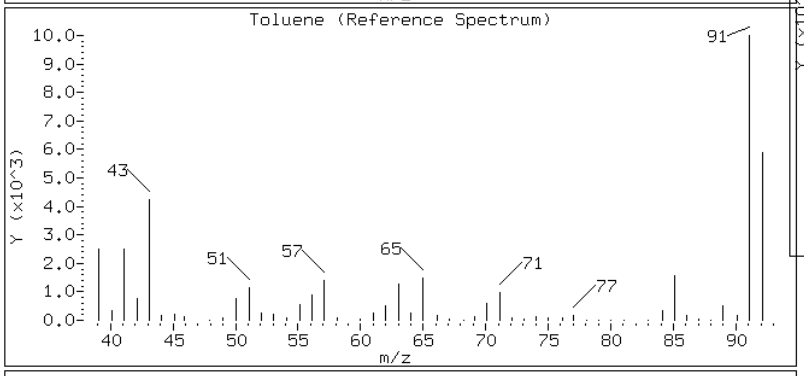
58 Toluene

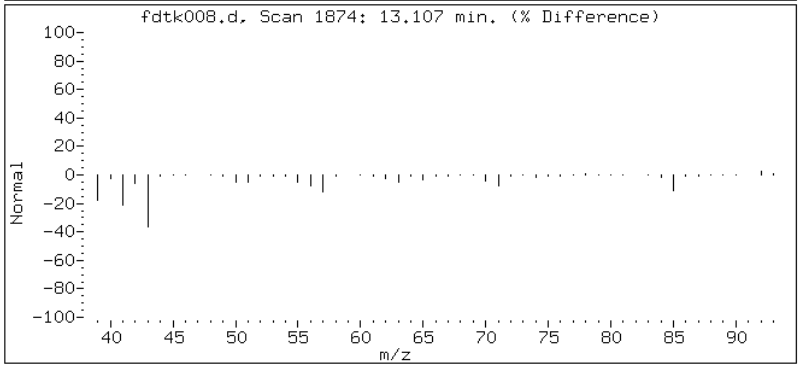












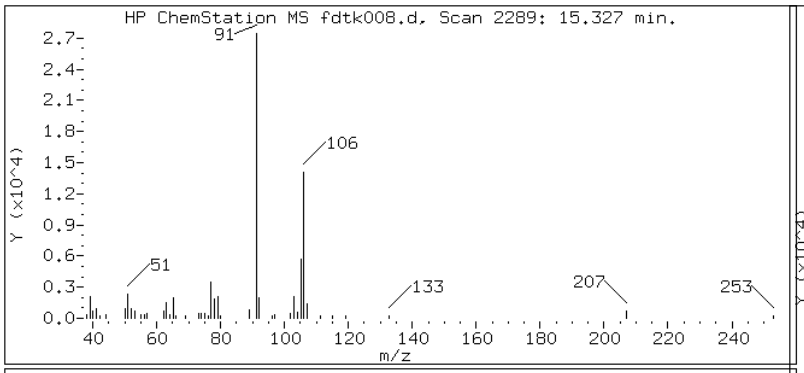
Data File: fdtk008.d

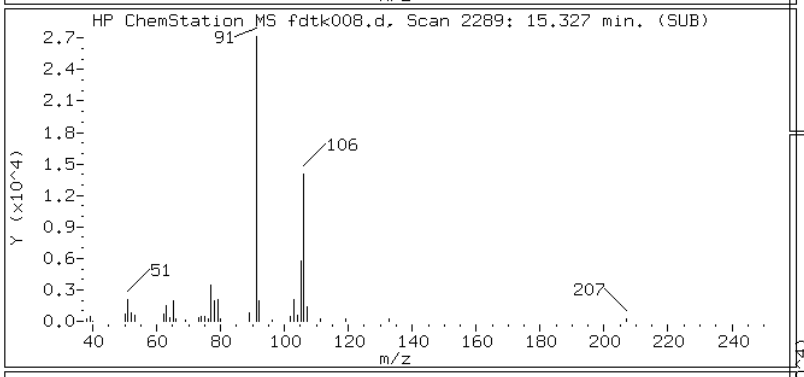
Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

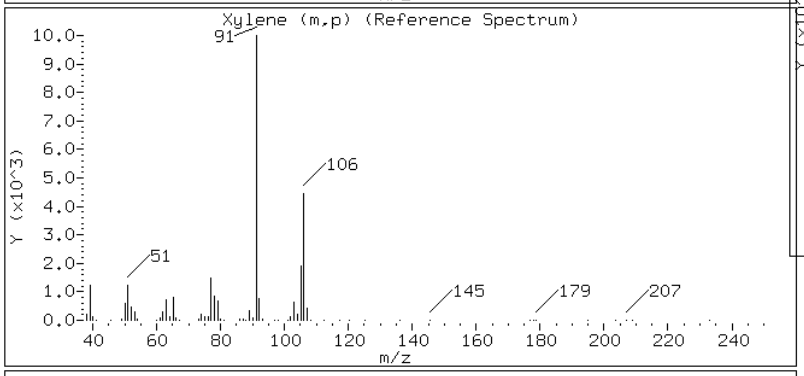
Client ID: CE-VAPOR-6 Instrument: F.i

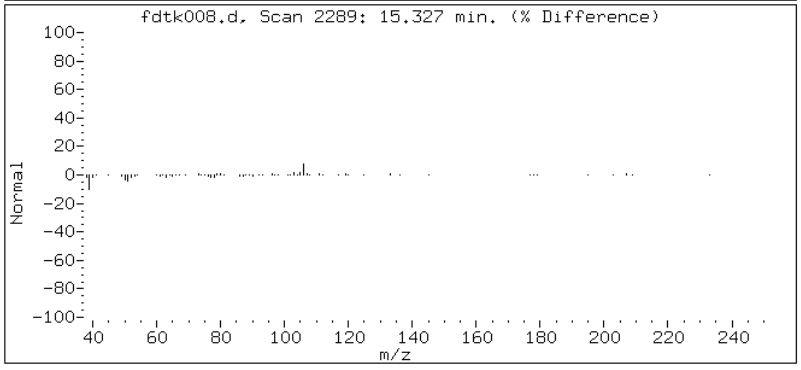
Sample Info: 200-1086-A-7@4.44 Operator: wrd

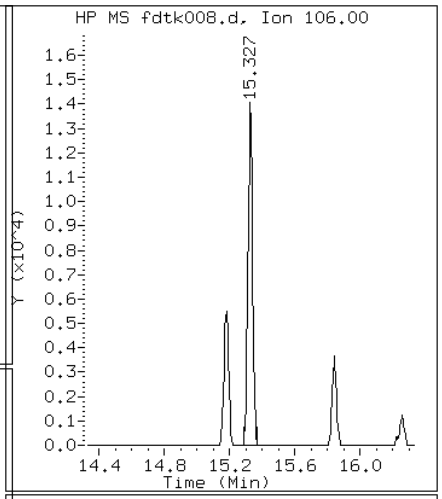
69 Xylene (m,p)

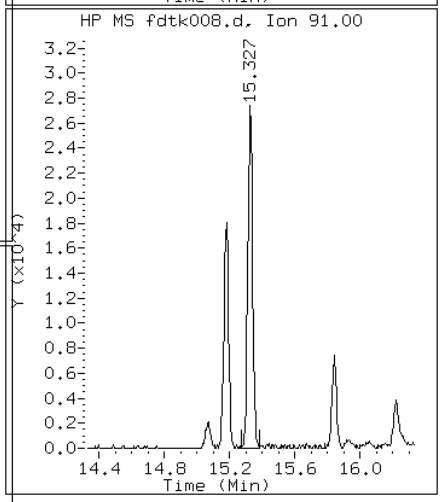












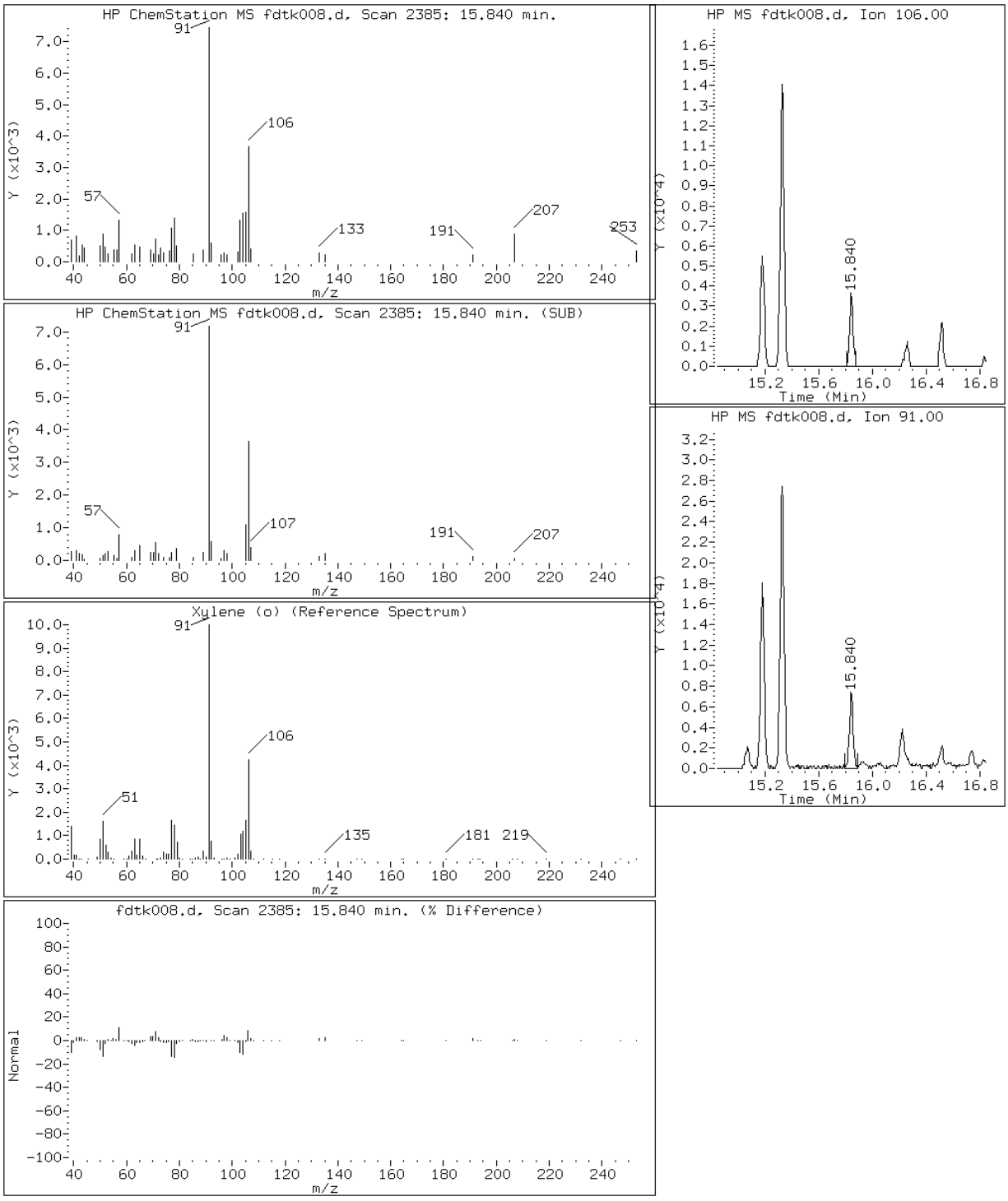
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

71 Xylene (o)



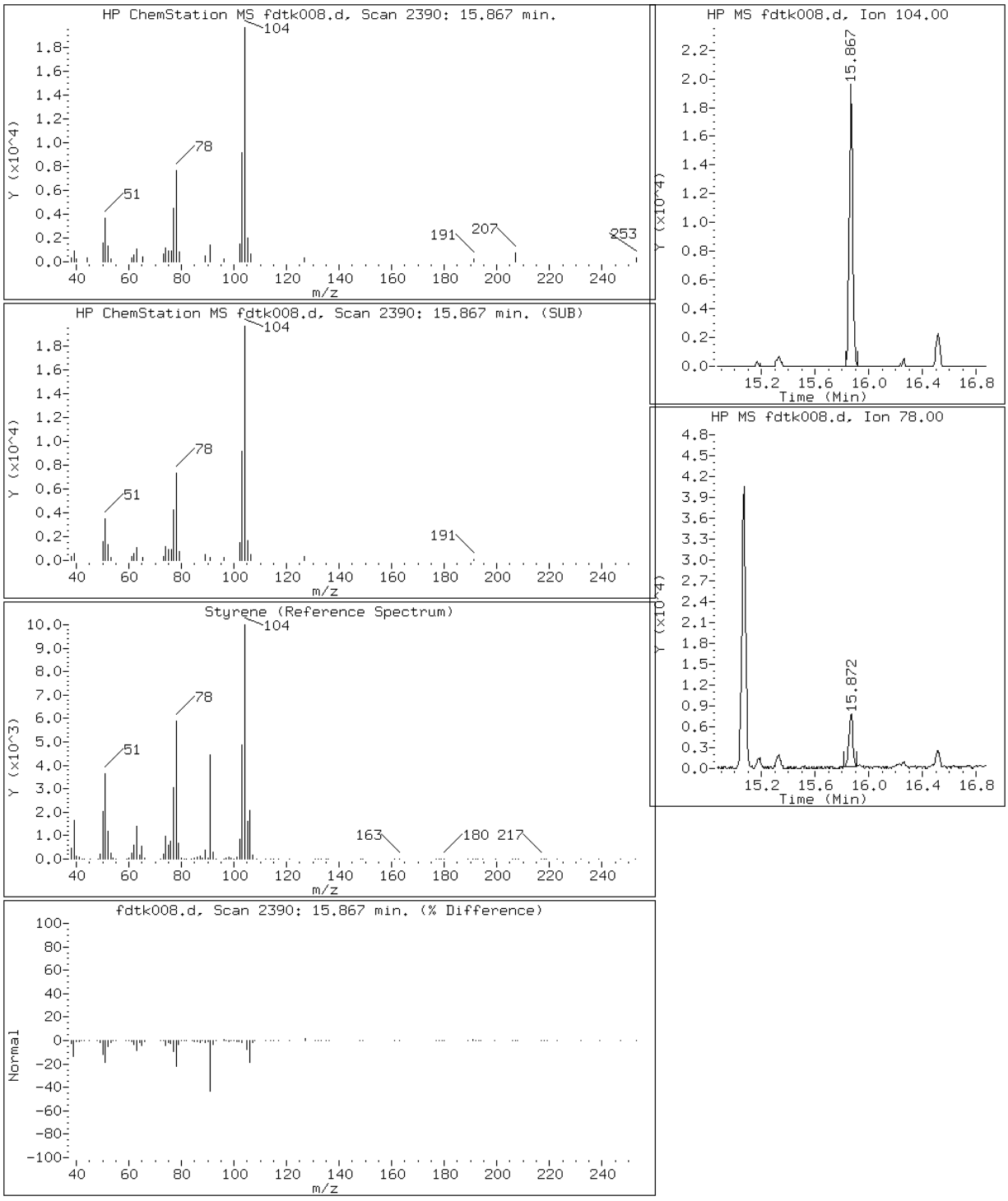
Data File: fdtk008.d

Lab Sample ID: 200-1086-7 Date: 25-AUG-2010 20:41

Client ID: CE-VAPOR-6 Instrument: F.i

Sample Info: 200-1086-A-7@4.44 Operator: wrd

72 Styrene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	13	U	13	0.30
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.1	U	5.1	0.30
74-87-3	Chloromethane	50.49	13	U	13	0.53
75-01-4	Vinyl chloride	62.50	5.1	U	5.1	0.63
106-99-0	1,3-Butadiene	54.09	5.1	U	5.1	0.68
74-83-9	Bromomethane	94.94	5.1	U	5.1	0.35
75-00-3	Chloroethane	64.52	13	U	13	2.5
593-60-2	Bromoethene(Vinyl Bromide)	106.96	5.1	U	5.1	1.3
75-69-4	Trichlorofluoromethane	137.37	5.1	U	5.1	1.3
76-13-1	Freon TF	187.38	5.1	U	5.1	1.3
75-35-4	1,1-Dichloroethene	96.94	5.1	U	5.1	0.38
67-64-1	Acetone	58.08	130	U	130	25
67-63-0	Isopropyl alcohol	60.10	130	U	130	1.1
75-15-0	Carbon disulfide	76.14	13	U	13	1.3
107-05-1	3-Chloropropene	76.53	13	U	13	0.73
75-09-2	Methylene Chloride	84.93	13	U	13	0.76
75-65-0	tert-Butyl alcohol	74.12	130	U	130	2.5
1634-04-4	Methyl tert-butyl ether	88.15	5.1	U	5.1	0.33
156-60-5	trans-1,2-Dichloroethene	96.94	5.1	U	5.1	1.3
110-54-3	n-Hexane	86.17	5.1	U	5.1	0.58
75-34-3	1,1-Dichloroethane	98.96	5.1	U	5.1	0.33
78-93-3	Methyl Ethyl Ketone	72.11	380		13	1.6
156-59-2	cis-1,2-Dichloroethene	96.94	5.1	U	5.1	1.3
540-59-0	1,2-Dichloroethene, Total	96.94	5.1	U	5.1	2.5
67-66-3	Chloroform	119.38	5.1	U	5.1	1.3
109-99-9	Tetrahydrofuran	72.11	770		130	2.5
71-55-6	1,1,1-Trichloroethane	133.41	5.1	U	5.1	1.3
110-82-7	Cyclohexane	84.16	5.1	U	5.1	0.30
56-23-5	Carbon tetrachloride	153.81	5.1	U	5.1	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	5.1	U	5.1	0.33
71-43-2	Benzene	78.11	5.1	U	5.1	1.3
107-06-2	1,2-Dichloroethane	98.96	5.1	U	5.1	0.38
142-82-5	n-Heptane	100.21	5.1	U	5.1	0.68
79-01-6	Trichloroethene	131.39	5.1	U	5.1	0.35

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	5.1	U	5.1	0.40
123-91-1	1,4-Dioxane	88.11	130	U	130	0.89
75-27-4	Bromodichloromethane	163.83	5.1	U	5.1	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	5.1	U	5.1	1.3
108-10-1	methyl isobutyl ketone	100.16	44		13	1.6
108-88-3	Toluene	92.14	5.1	U	5.1	1.3
10061-02-6	trans-1,3-Dichloropropene	110.97	5.1	U	5.1	1.6
79-00-5	1,1,2-Trichloroethane	133.41	5.1	U	5.1	1.3
127-18-4	Tetrachloroethene	165.83	5.1	U	5.1	0.43
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	13	U	13	0.71
124-48-1	Dibromochloromethane	208.29	5.1	U	5.1	1.3
106-93-4	1,2-Dibromoethane	187.87	5.1	U	5.1	0.30
108-90-7	Chlorobenzene	112.30	5.1	U	5.1	1.3
100-41-4	Ethylbenzene	106.17	5.1	U	5.1	0.35
179601-23-1	m,p-Xylene	106.17	13	U	13	0.58
95-47-6	Xylene, o-	106.17	5.1	U	5.1	1.3
1330-20-7	Xylene (total)	106.17	6.4		5.1	3.8
100-42-5	Styrene	104.15	9.8		5.1	1.3
75-25-2	Bromoform	252.75	5.1	U	5.1	1.3
79-34-5	1,1,2,2-Tetrachloroethane	167.85	5.1	U	5.1	1.3
622-96-8	4-Ethyltoluene	120.20	5.1	U	5.1	1.6
108-67-8	1,3,5-Trimethylbenzene	120.20	5.1	U	5.1	1.6
95-49-8	2-Chlorotoluene	126.59	5.1	U	5.1	1.6
95-63-6	1,2,4-Trimethylbenzene	120.20	5.1	U	5.1	1.6
541-73-1	1,3-Dichlorobenzene	147.00	5.1	U	5.1	0.46
106-46-7	1,4-Dichlorobenzene	147.00	5.1	U	5.1	0.53
95-50-1	1,2-Dichlorobenzene	147.00	5.1	U	5.1	0.43
120-82-1	1,2,4-Trichlorobenzene	181.45	13	U	13	0.81
87-68-3	Hexachlorobutadiene	260.76	5.1	U	5.1	0.56

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	63	U	63	1.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	35	U	35	2.1
74-87-3	Chloromethane	50.49	26	U	26	1.1
75-01-4	Vinyl chloride	62.50	13	U	13	1.6
106-99-0	1,3-Butadiene	54.09	11	U	11	1.5
74-83-9	Bromomethane	94.94	20	U	20	1.4
75-00-3	Chloroethane	64.52	33	U	33	6.7
593-60-2	Bromoethene(Vinyl Bromide)	106.96	22	U	22	5.5
75-69-4	Trichlorofluoromethane	137.37	28	U	28	7.1
76-13-1	Freon TF	187.38	39	U	39	9.7
75-35-4	1,1-Dichloroethene	96.94	20	U	20	1.5
67-64-1	Acetone	58.08	300	U	300	59
67-63-0	Isopropyl alcohol	60.10	310	U	310	2.7
75-15-0	Carbon disulfide	76.14	39	U	39	3.9
107-05-1	3-Chloropropene	76.53	40	U	40	2.3
75-09-2	Methylene Chloride	84.93	44	U	44	2.6
75-65-0	tert-Butyl alcohol	74.12	380	U	380	7.7
1634-04-4	Methyl tert-butyl ether	88.15	18	U	18	1.2
156-60-5	trans-1,2-Dichloroethene	96.94	20	U	20	5.0
110-54-3	n-Hexane	86.17	18	U	18	2.1
75-34-3	1,1-Dichloroethane	98.96	20	U	20	1.3
78-93-3	Methyl Ethyl Ketone	72.11	1100		37	4.8
156-59-2	cis-1,2-Dichloroethene	96.94	20	U	20	5.0
540-59-0	1,2-Dichloroethene, Total	96.94	20	U	20	10
67-66-3	Chloroform	119.38	25	U	25	6.2
109-99-9	Tetrahydrofuran	72.11	2300		370	7.5
71-55-6	1,1,1-Trichloroethane	133.41	28	U	28	6.9
110-82-7	Cyclohexane	84.16	17	U	17	1.0
56-23-5	Carbon tetrachloride	153.81	32	U	32	8.0
540-84-1	2,2,4-Trimethylpentane	114.23	24	U	24	1.5
71-43-2	Benzene	78.11	16	U	16	4.0
107-06-2	1,2-Dichloroethane	98.96	20	U	20	1.5
142-82-5	n-Heptane	100.21	21	U	21	2.8
79-01-6	Trichloroethene	131.39	27	U	27	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 200-1086-8

Matrix: Air Lab File ID: fdtk009.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 35(mL) Date Analyzed: 08/25/2010 21:32

Soil Aliquot Vol: Dilution Factor: 25.3

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	23	U	23	1.9
123-91-1	1,4-Dioxane	88.11	460	U	460	3.2
75-27-4	Bromodichloromethane	163.83	34	U	34	8.5
10061-01-5	cis-1,3-Dichloropropene	110.97	23	U	23	5.7
108-10-1	methyl isobutyl ketone	100.16	180		52	6.6
108-88-3	Toluene	92.14	19	U	19	4.8
10061-02-6	trans-1,3-Dichloropropene	110.97	23	U	23	7.3
79-00-5	1,1,2-Trichloroethane	133.41	28	U	28	6.9
127-18-4	Tetrachloroethene	165.83	34	U	34	2.9
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	52	U	52	2.9
124-48-1	Dibromochloromethane	208.29	43	U	43	11
106-93-4	1,2-Dibromoethane	187.87	39	U	39	2.3
108-90-7	Chlorobenzene	112.30	23	U	23	5.8
100-41-4	Ethylbenzene	106.17	22	U	22	1.5
179601-23-1	m,p-Xylene	106.17	55	U	55	2.5
95-47-6	Xylene, o-	106.17	22	U	22	5.5
1330-20-7	Xylene (total)	106.17	28		22	16
100-42-5	Styrene	104.15	42		22	5.4
75-25-2	Bromoform	252.75	52	U	52	13
79-34-5	1,1,2,2-Tetrachloroethane	167.85	35	U	35	8.7
622-96-8	4-Ethyltoluene	120.20	25	U	25	8.0
108-67-8	1,3,5-Trimethylbenzene	120.20	25	U	25	8.0
95-49-8	2-Chlorotoluene	126.59	26	U	26	8.4
95-63-6	1,2,4-Trimethylbenzene	120.20	25	U	25	8.0
541-73-1	1,3-Dichlorobenzene	147.00	30	U	30	2.7
106-46-7	1,4-Dichlorobenzene	147.00	30	U	30	3.2
95-50-1	1,2-Dichlorobenzene	147.00	30	U	30	2.6
120-82-1	1,2,4-Trichlorobenzene	181.45	94	U	94	6.0
87-68-3	Hexachlorobutadiene	260.76	54	U	54	5.9

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-8
Client Smp ID: CE-VAPOR-7
Inj Date : 25-AUG-2010 21:32
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-8@4.43
Misc Info : 35,25.3,to15all cdf 4.43
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 8
Dil Factor: 25.30000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	25.30000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	35.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.574	3.574	(0.373)	5282	0.17873	4.5(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.441	6.446	(0.673)	163673	2.71025	69(a)
21 Carbon disulfide	76	6.693	6.698	(0.699)	66861	0.47866	12(a)
22 Isopropanol	45	Compound Not Detected.					

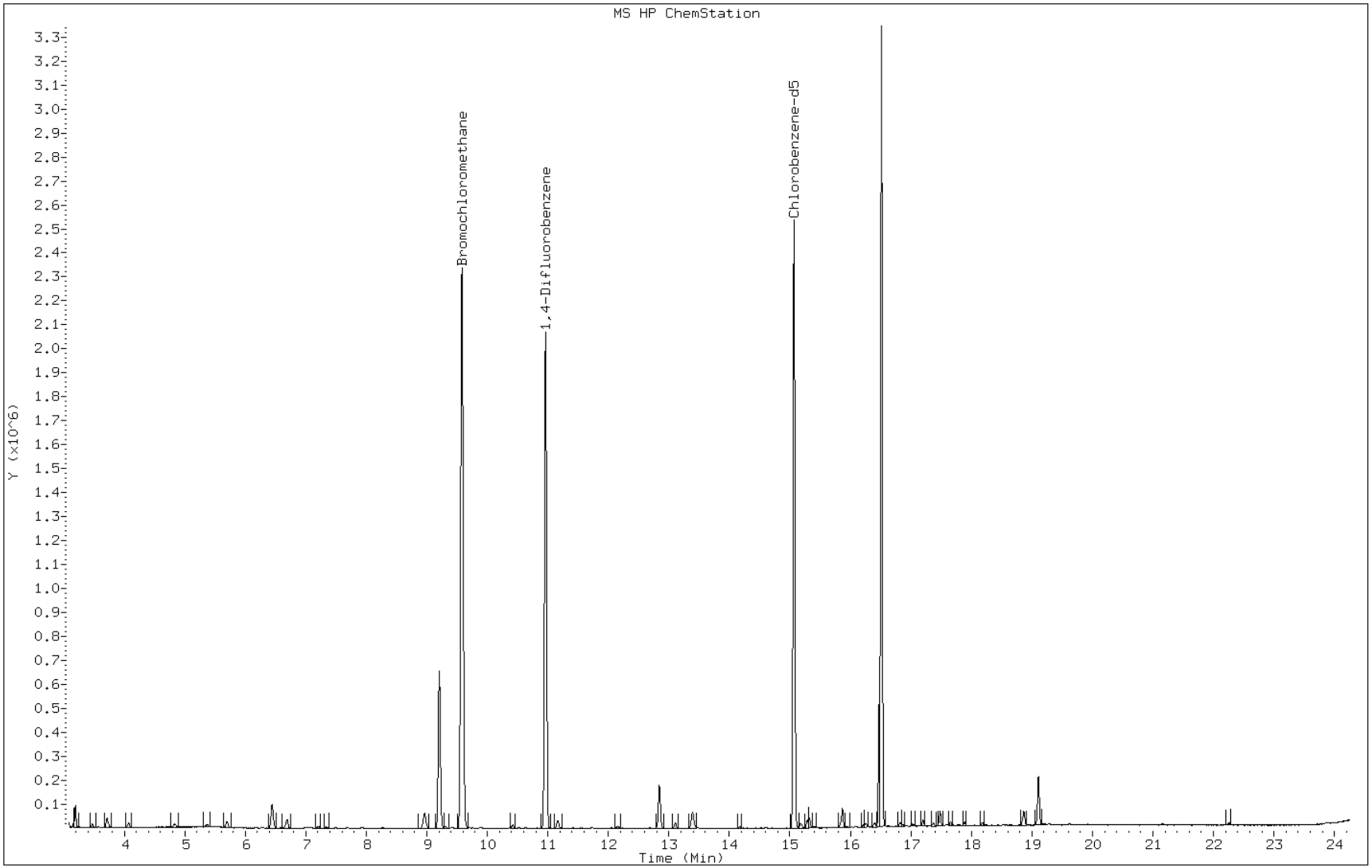
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.207	9.218	(0.962)	342518	14.9010	380(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	474757	10.0000	
	38 Tetrahydrofuran	42	9.587	9.597	(0.875)	1114487	30.3799	770
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.421	10.432	(0.951)	16854	0.10518	2.7(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.962	10.972	(1.000)	2368828	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	143222	1.73980	44
	58 Toluene	92	13.107	13.118	(0.870)	12858	0.14234	3.6(a)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1830149	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.182	15.188	(1.007)	17837	0.08685	2.2(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	14392	0.18065	4.6(a)
M	70 Xylenes, Total	106				20174	0.25347	6.4
	71 Xylene (o)	106	15.841	15.846	(1.051)	5782	0.07282	1.8(a)
	72 Styrene	104	15.867	15.873	(1.053)	45551	0.38621	9.8
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	6887	0.04818	1.2(a)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	fdtk009.d	Date:	25-AUG-2010 21:32
Client ID:	CE-VAPOR-7	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-8@4.43		
Lab Sample ID:	200-1086-8		



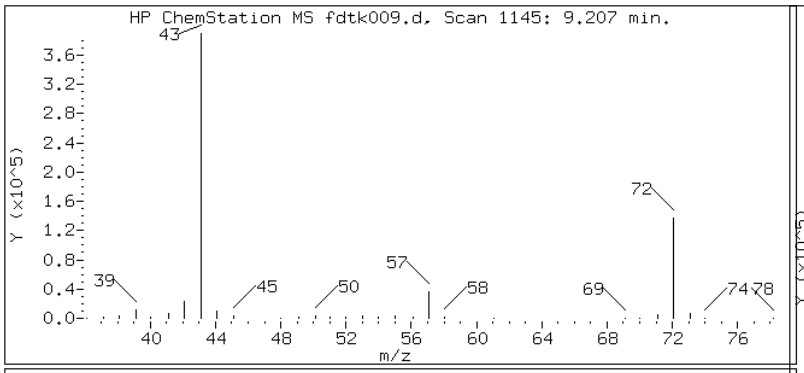
Data File: fdtk009.d

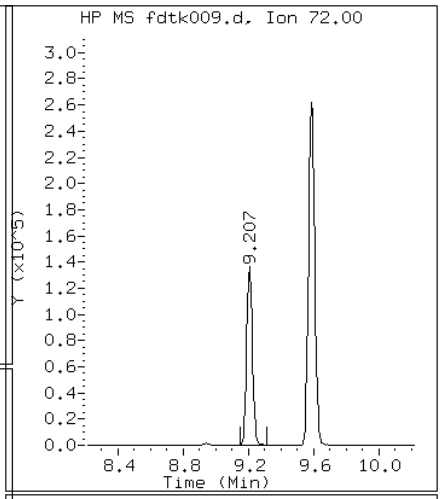
Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

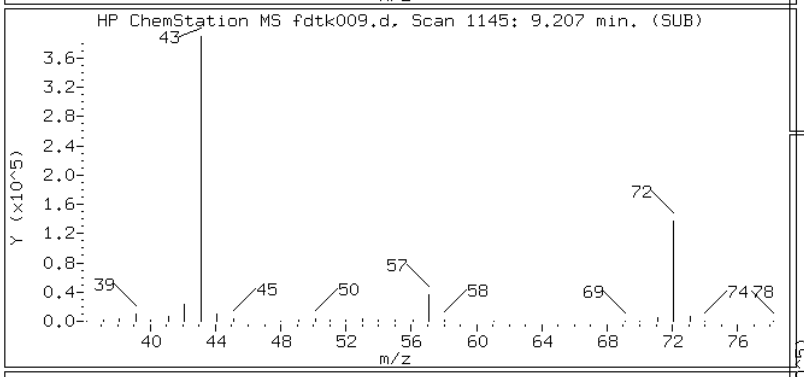
Client ID: CE-VAPOR-7 Instrument: F.i

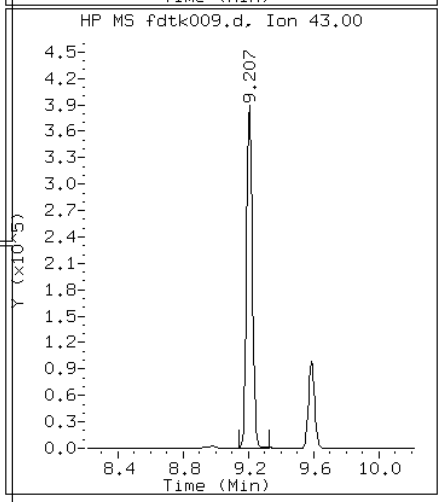
Sample Info: 200-1086-A-8@4.43 Operator: wrd

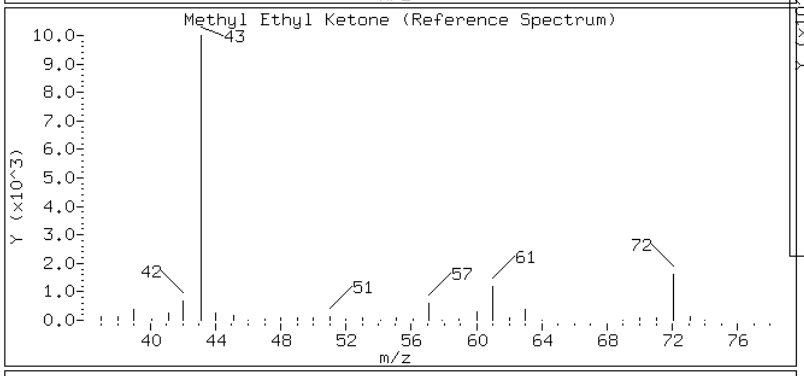
36 Methyl Ethyl Ketone

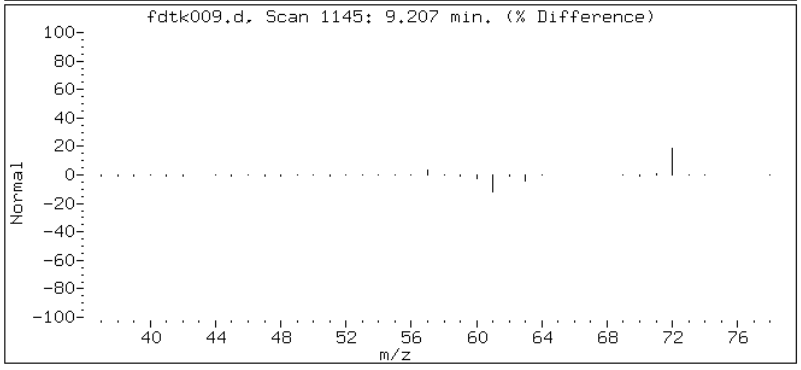












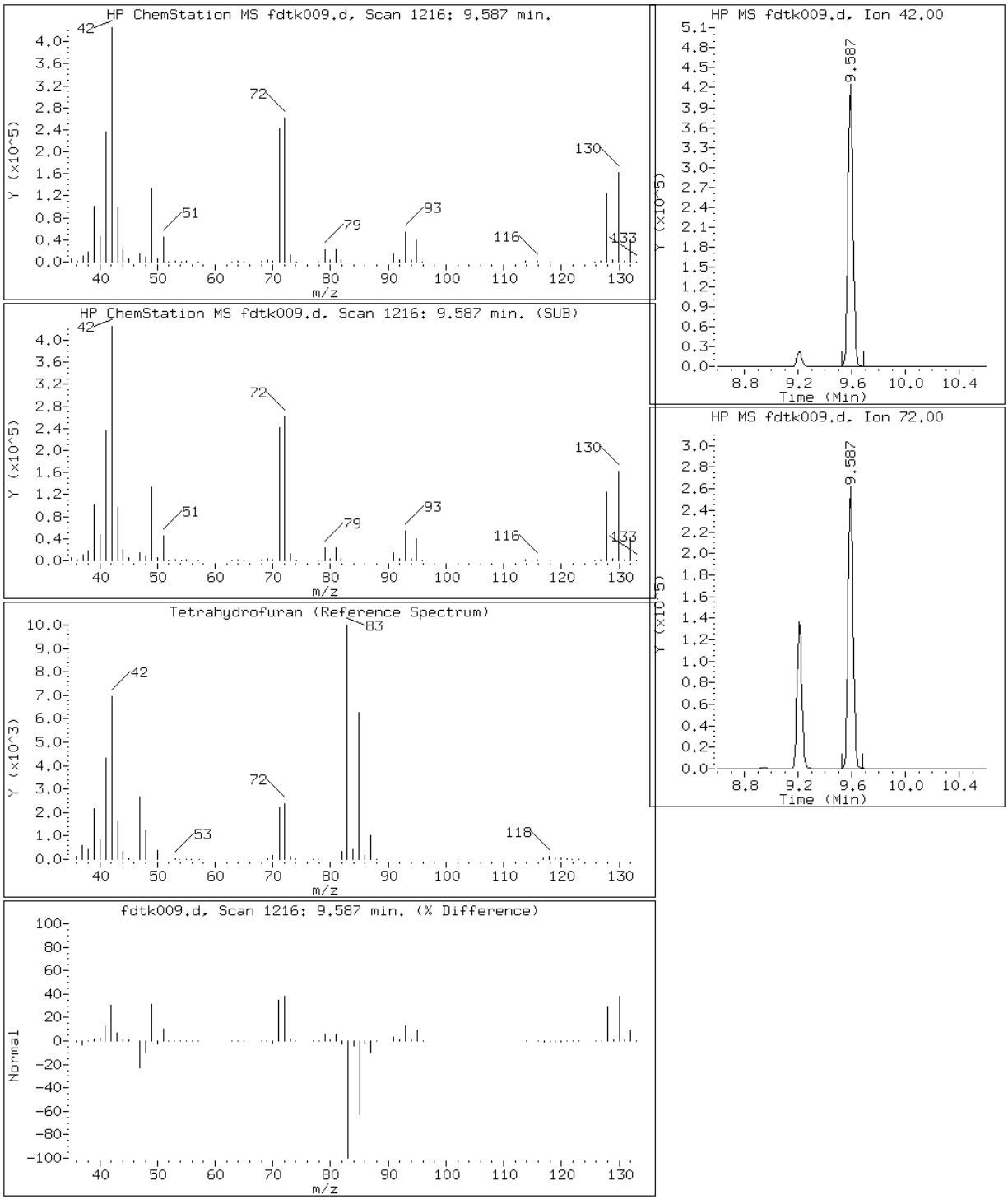
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

38 Tetrahydrofuran



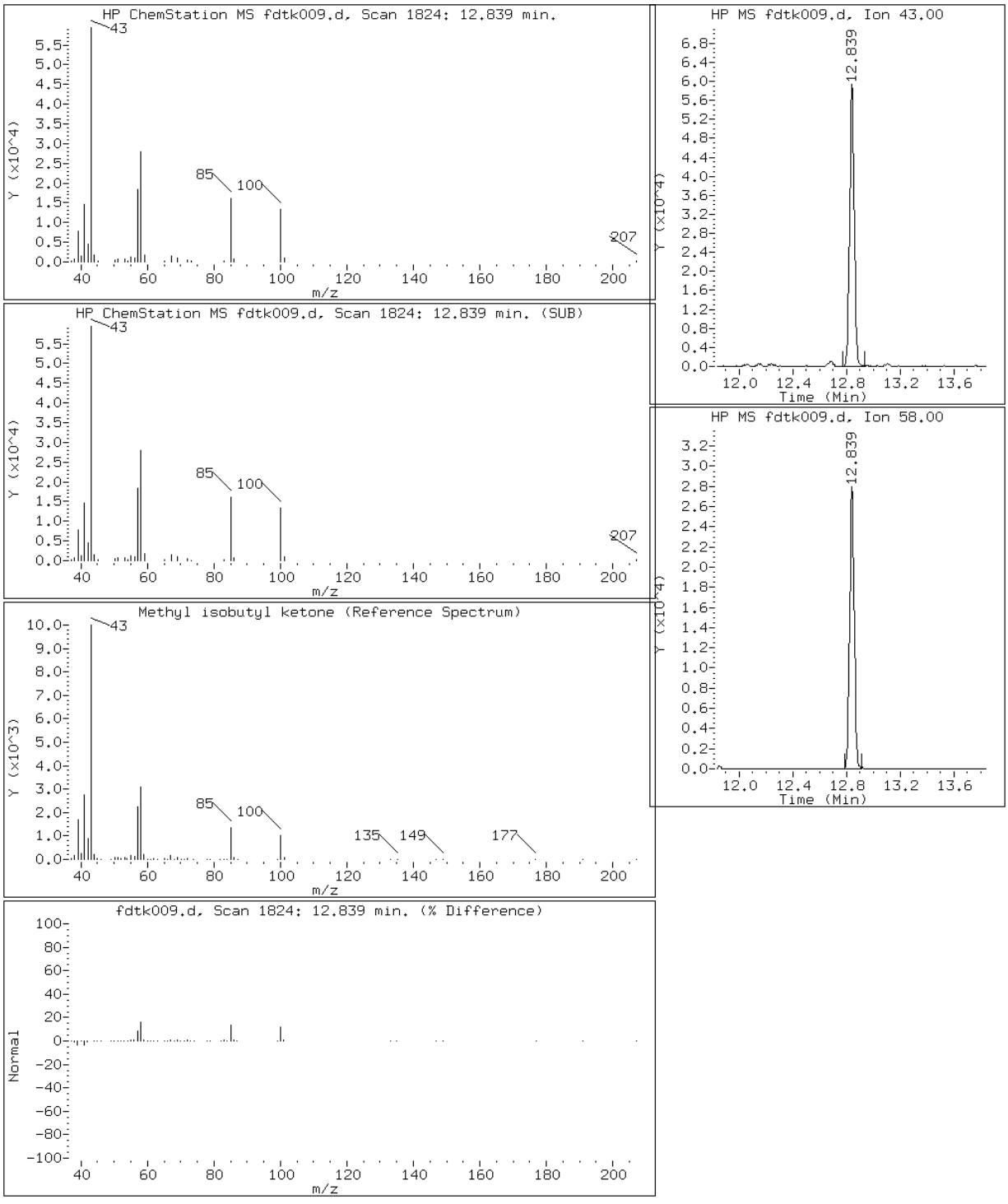
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

56 Methyl isobutyl ketone



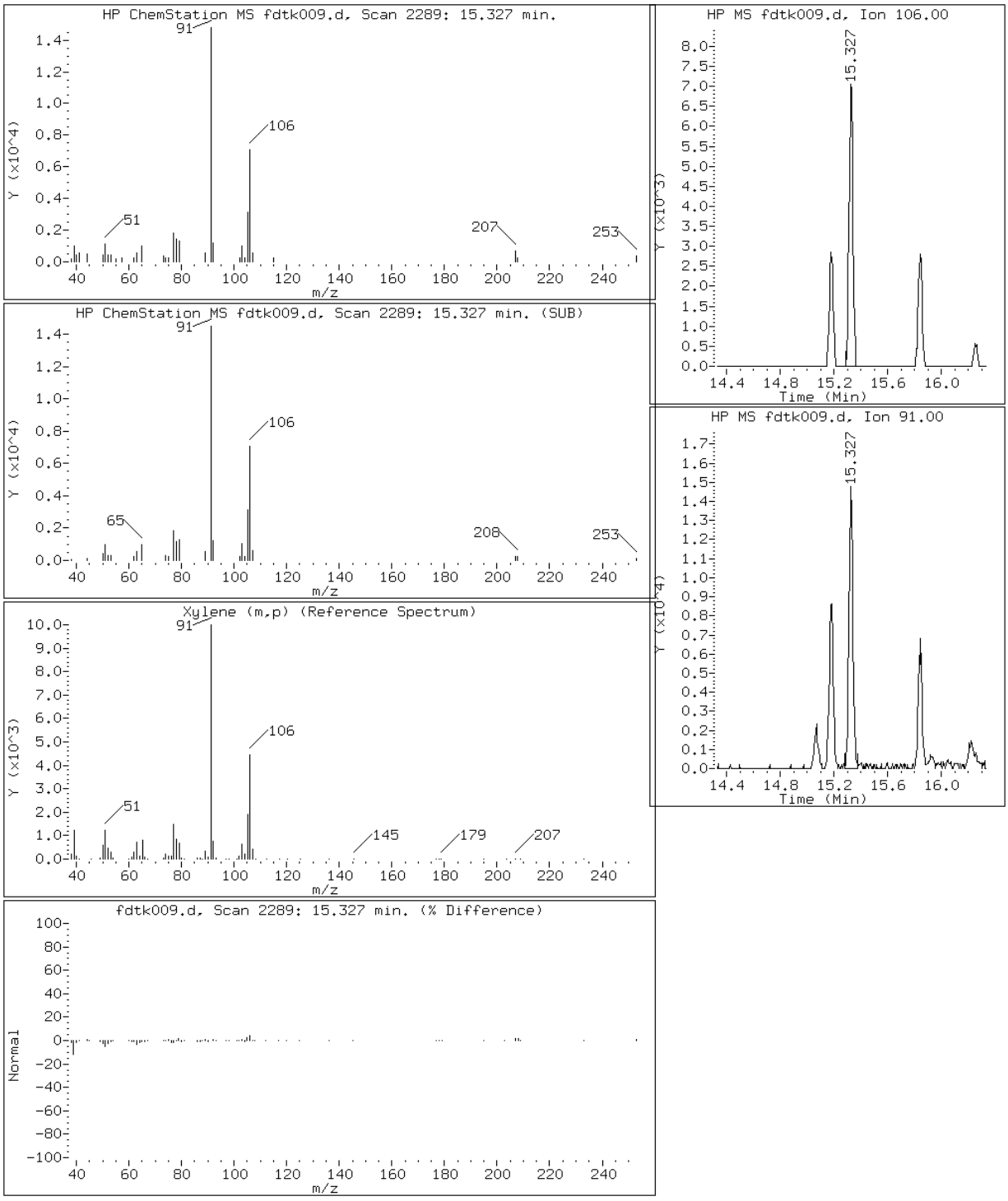
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

69 Xylene (m,p)



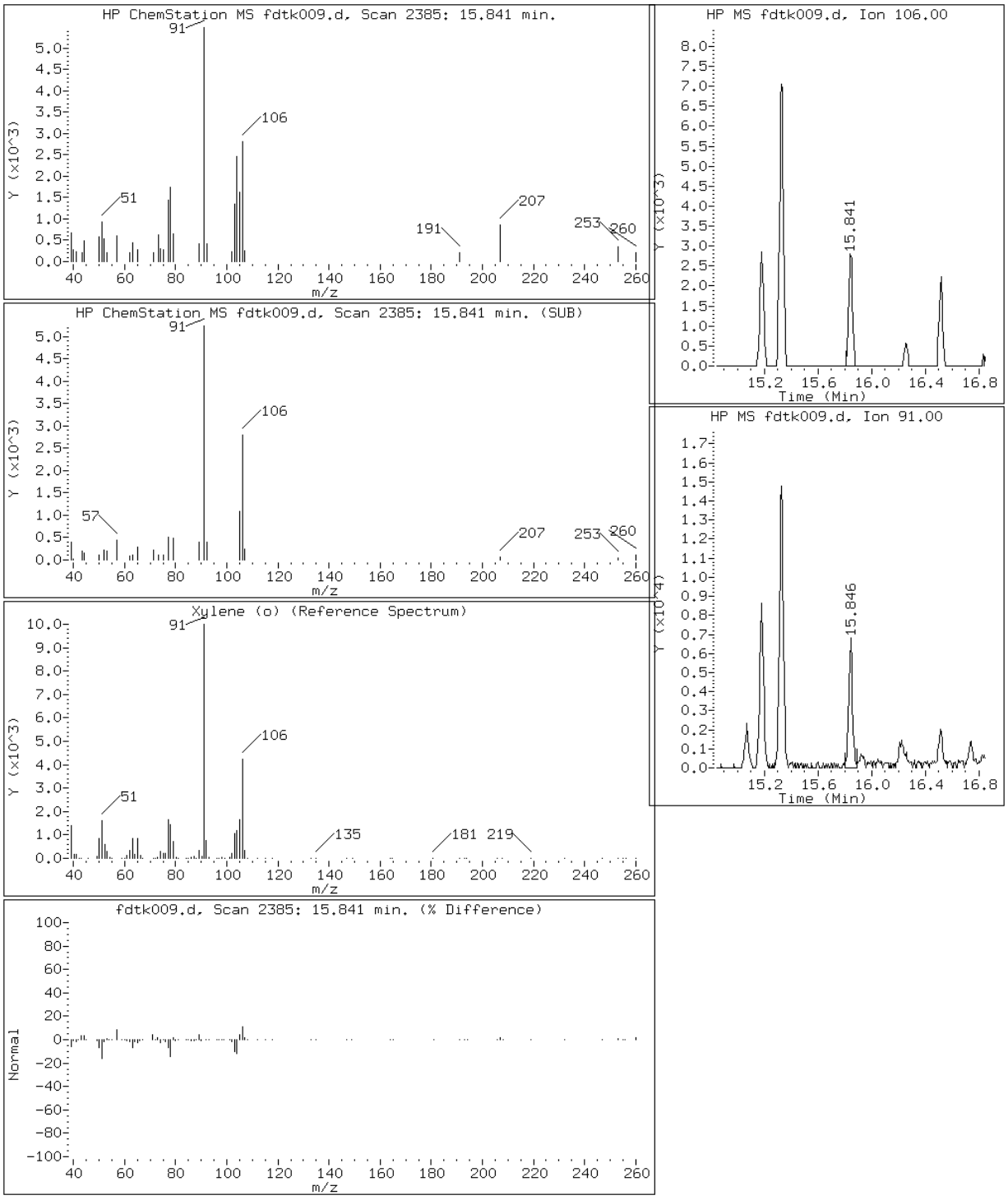
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

71 Xylene (o)



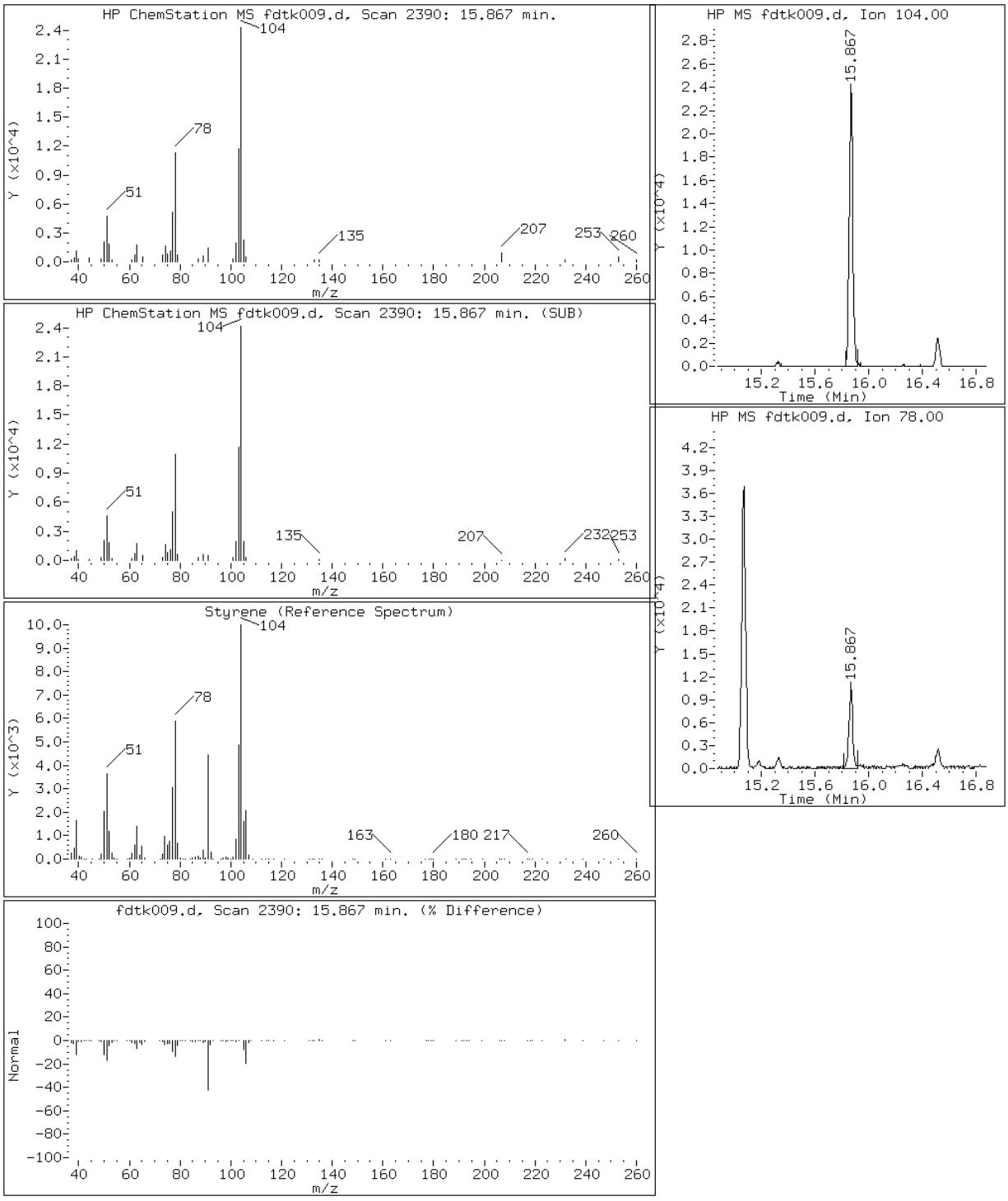
Data File: fdtk009.d

Lab Sample ID: 200-1086-8 Date: 25-AUG-2010 21:32

Client ID: CE-VAPOR-7 Instrument: F.i

Sample Info: 200-1086-A-8@4.43 Operator: wrd

72 Styrene



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 200-1086-9

Matrix: Air Lab File ID: fdtk010.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	0.24
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	0.24
74-87-3	Chloromethane	50.49	10	U	10	0.42
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	0.50
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.54
74-83-9	Bromomethane	94.94	4.0	U	4.0	0.28
75-00-3	Chloroethane	64.52	10	U	10	2.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.0	U	4.0	1.0
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.0
76-13-1	Freon TF	187.38	4.0	U	4.0	1.0
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.30
67-64-1	Acetone	58.08	100	U	100	20
67-63-0	Isopropyl alcohol	60.10	100	U	100	0.86
75-15-0	Carbon disulfide	76.14	17		10	1.0
107-05-1	3-Chloropropene	76.53	10	U	10	0.58
75-09-2	Methylene Chloride	84.93	10	U	10	0.60
75-65-0	tert-Butyl alcohol	74.12	100	U	100	2.0
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	0.26
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	1.0
110-54-3	n-Hexane	86.17	4.0	U	4.0	0.46
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.26
78-93-3	Methyl Ethyl Ketone	72.11	200		10	1.3
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	1.0
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	2.0
67-66-3	Chloroform	119.38	4.0	U	4.0	1.0
109-99-9	Tetrahydrofuran	72.11	560		100	2.0
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	1.0
110-82-7	Cyclohexane	84.16	5.2		4.0	0.24
56-23-5	Carbon tetrachloride	153.81	4.0	U	4.0	1.0
540-84-1	2,2,4-Trimethylpentane	114.23	4.0	U	4.0	0.26
71-43-2	Benzene	78.11	4.0	U	4.0	1.0
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.30
142-82-5	n-Heptane	100.21	4.0	U	4.0	0.54
79-01-6	Trichloroethene	131.39	4.0	U	4.0	0.28

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 | Lab Sample ID: 200-1086-9

Matrix: Air | Lab File ID: fdtk010.d

Analysis Method: TO-15 | Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) | Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 5661 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	0.32
123-91-1	1,4-Dioxane	88.11	100	U	100	0.70
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	1.0
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	1.0
108-10-1	methyl isobutyl ketone	100.16	28		10	1.3
108-88-3	Toluene	92.14	4.9		4.0	1.0
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.3
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	1.0
127-18-4	Tetrachloroethene	165.83	4.0	U	4.0	0.34
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	0.56
124-48-1	Dibromochloromethane	208.29	4.0	U	4.0	1.0
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.24
108-90-7	Chlorobenzene	112.30	4.0	U	4.0	1.0
100-41-4	Ethylbenzene	106.17	4.0	U	4.0	0.28
179601-23-1	m,p-Xylene	106.17	10	U	10	0.46
95-47-6	Xylene, o-	106.17	4.0	U	4.0	1.0
1330-20-7	Xylene (total)	106.17	6.3		4.0	3.0
100-42-5	Styrene	104.15	5.8		4.0	1.0
75-25-2	Bromoform	252.75	4.0	U	4.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	1.0
622-96-8	4-Ethyltoluene	120.20	4.0	U	4.0	1.3
108-67-8	1,3,5-Trimethylbenzene	120.20	4.0	U	4.0	1.3
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	1.3
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0	U	4.0	1.3
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	0.36
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	0.42
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	0.34
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	0.64
87-68-3	Hexachlorobutadiene	260.76	4.0	U	4.0	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 200-1086-9

Matrix: Air Lab File ID: fdtk010.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	1.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	1.7
74-87-3	Chloromethane	50.49	21	U	21	0.87
75-01-4	Vinyl chloride	62.50	10	U	10	1.3
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.2
74-83-9	Bromomethane	94.94	16	U	16	1.1
75-00-3	Chloroethane	64.52	26	U	26	5.3
593-60-2	Bromoethene(Vinyl Bromide)	106.96	17	U	17	4.4
75-69-4	Trichlorofluoromethane	137.37	22	U	22	5.6
76-13-1	Freon TF	187.38	31	U	31	7.7
75-35-4	1,1-Dichloroethene	96.94	16	U	16	1.2
67-64-1	Acetone	58.08	240	U	240	47
67-63-0	Isopropyl alcohol	60.10	250	U	250	2.1
75-15-0	Carbon disulfide	76.14	52		31	3.1
107-05-1	3-Chloropropene	76.53	31	U	31	1.8
75-09-2	Methylene Chloride	84.93	35	U	35	2.1
75-65-0	tert-Butyl alcohol	74.12	300	U	300	6.1
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	0.94
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	4.0
110-54-3	n-Hexane	86.17	14	U	14	1.6
75-34-3	1,1-Dichloroethane	98.96	16	U	16	1.1
78-93-3	Methyl Ethyl Ketone	72.11	600		29	3.8
156-59-2	cis-1,2-Dichloroethene	96.94	16	U	16	4.0
540-59-0	1,2-Dichloroethene, Total	96.94	16	U	16	7.9
67-66-3	Chloroform	119.38	20	U	20	4.9
109-99-9	Tetrahydrofuran	72.11	1600		290	5.9
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	5.5
110-82-7	Cyclohexane	84.16	18		14	0.83
56-23-5	Carbon tetrachloride	153.81	25	U	25	6.3
540-84-1	2,2,4-Trimethylpentane	114.23	19	U	19	1.2
71-43-2	Benzene	78.11	13	U	13	3.2
107-06-2	1,2-Dichloroethane	98.96	16	U	16	1.2
142-82-5	n-Heptane	100.21	16	U	16	2.2
79-01-6	Trichloroethene	131.39	21	U	21	1.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 200-1086-9

Matrix: Air Lab File ID: fdtk010.d

Analysis Method: TO-15 Date Collected: 08/10/2010 13:49

Sample wt/vol: 44(mL) Date Analyzed: 08/25/2010 22:22

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	18	U	18	1.5
123-91-1	1,4-Dioxane	88.11	360	U	360	2.5
75-27-4	Bromodichloromethane	163.83	27	U	27	6.7
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	4.5
108-10-1	methyl isobutyl ketone	100.16	120		41	5.2
108-88-3	Toluene	92.14	18		15	3.8
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	5.8
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	5.5
127-18-4	Tetrachloroethene	165.83	27	U	27	2.3
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	2.3
124-48-1	Dibromochloromethane	208.29	34	U	34	8.5
106-93-4	1,2-Dibromoethane	187.87	31	U	31	1.8
108-90-7	Chlorobenzene	112.30	18	U	18	4.6
100-41-4	Ethylbenzene	106.17	17	U	17	1.2
179601-23-1	m,p-Xylene	106.17	43	U	43	2.0
95-47-6	Xylene, o-	106.17	17	U	17	4.3
1330-20-7	Xylene (total)	106.17	27		17	13
100-42-5	Styrene	104.15	25		17	4.3
75-25-2	Bromoform	252.75	41	U	41	10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	6.9
622-96-8	4-Ethyltoluene	120.20	20	U	20	6.3
108-67-8	1,3,5-Trimethylbenzene	120.20	20	U	20	6.3
95-49-8	2-Chlorotoluene	126.59	21	U	21	6.6
95-63-6	1,2,4-Trimethylbenzene	120.20	20	U	20	6.3
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	2.2
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	2.5
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	4.7
87-68-3	Hexachlorobutadiene	260.76	43	U	43	4.7

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-1086-9
Client Smp ID: CE-VAPOR-8
Inj Date : 25-AUG-2010 22:22
Operator : wrd Inst ID: F.i
Smp Info : 200-1086-A-9@4.41
Misc Info : 44,20.0,to15all cdf 4.41
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 9
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	44.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.579	3.574	(0.374)	4198	0.14436	2.9(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.446	6.446	(0.674)	125235	2.10745	42(a)
21 Carbon disulfide	76	6.692	6.698	(0.699)	115693	0.84170	17
22 Isopropanol	45	Compound Not Detected.					

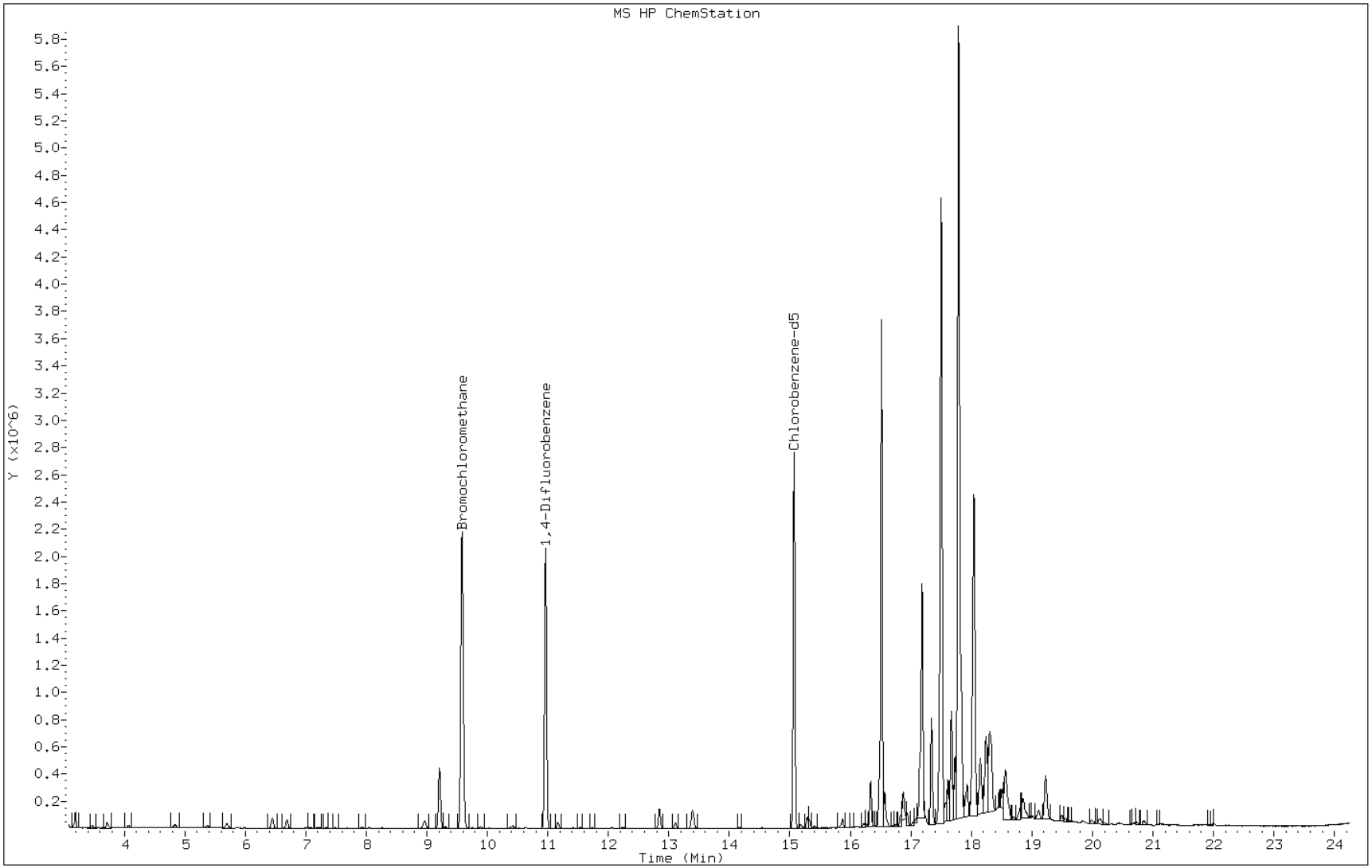
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.928	7.934	(0.828)	4138	0.06265	1.3(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.207	9.218	(0.962)	231389	10.2300	200(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	467166	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	1009157	27.9381	560
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.892	9.918	(0.902)	17589	0.26214	5.2(QM)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.426	10.432	(0.951)	20356	0.12901	2.6(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2332423	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	114506	1.41268	28
	58 Toluene	92	13.112	13.118	(0.870)	24183	0.24330	4.9
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2013705	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.177	15.188	(1.007)	27972	0.12378	2.5(a)
	69 Xylene (m,p)	106	15.327	15.332	(1.017)	22400	0.25554	5.1(a)
M	70 Xylenes, Total	106				27690	0.31609	6.3
	71 Xylene (o)	106	15.846	15.846	(1.051)	5290	0.06055	1.2(a)
	72 Styrene	104	15.867	15.873	(1.053)	37452	0.28860	5.8
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	17.370	17.376	(1.153)	12139	0.05389	1.1(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	fdtk010.d	Date:	25-AUG-2010 22:22
Client ID:	CE-VAPOR-8	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-1086-A-9@4.41		
Lab Sample ID:	200-1086-9		



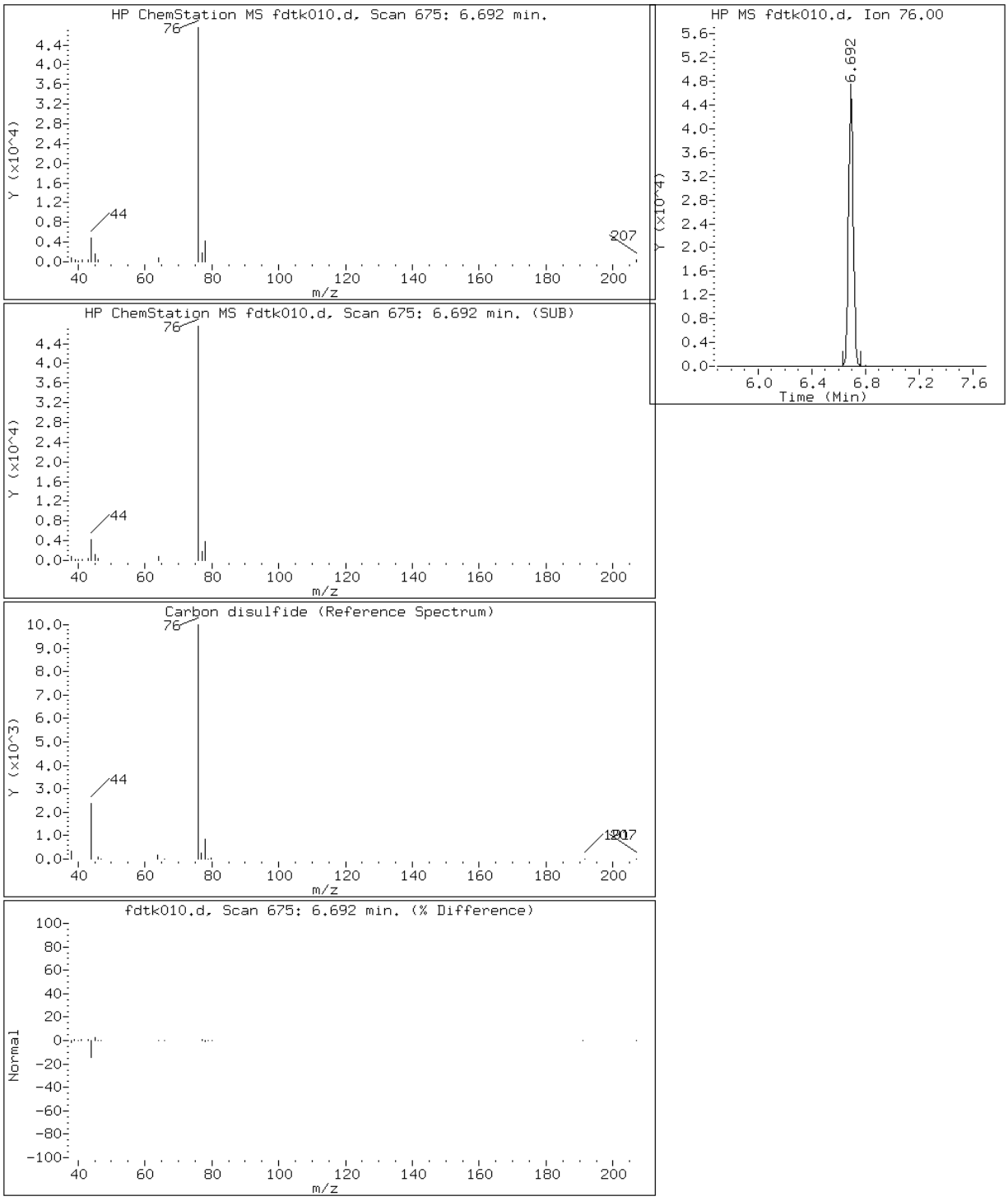
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

21 Carbon disulfide



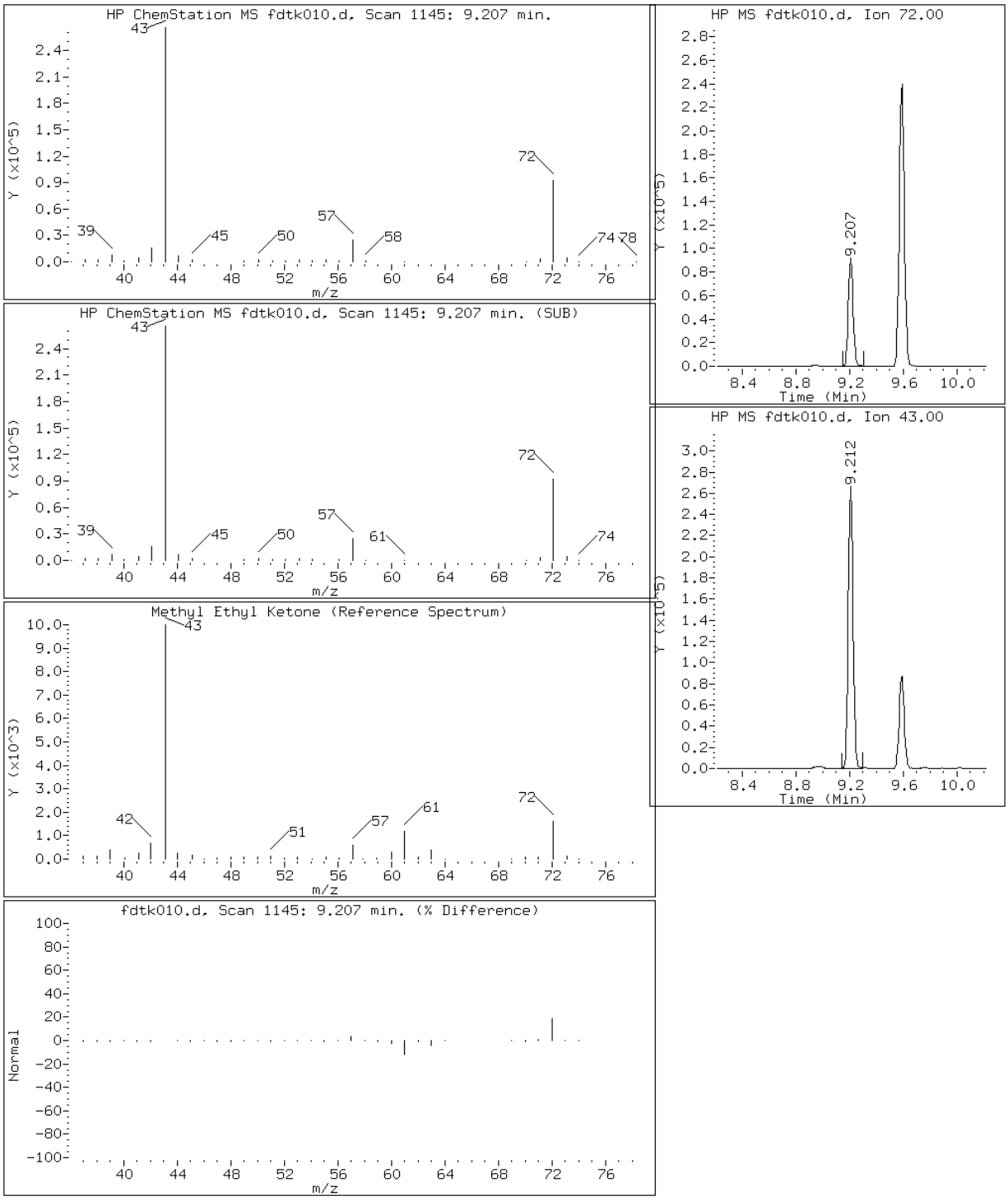
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

36 Methyl Ethyl Ketone



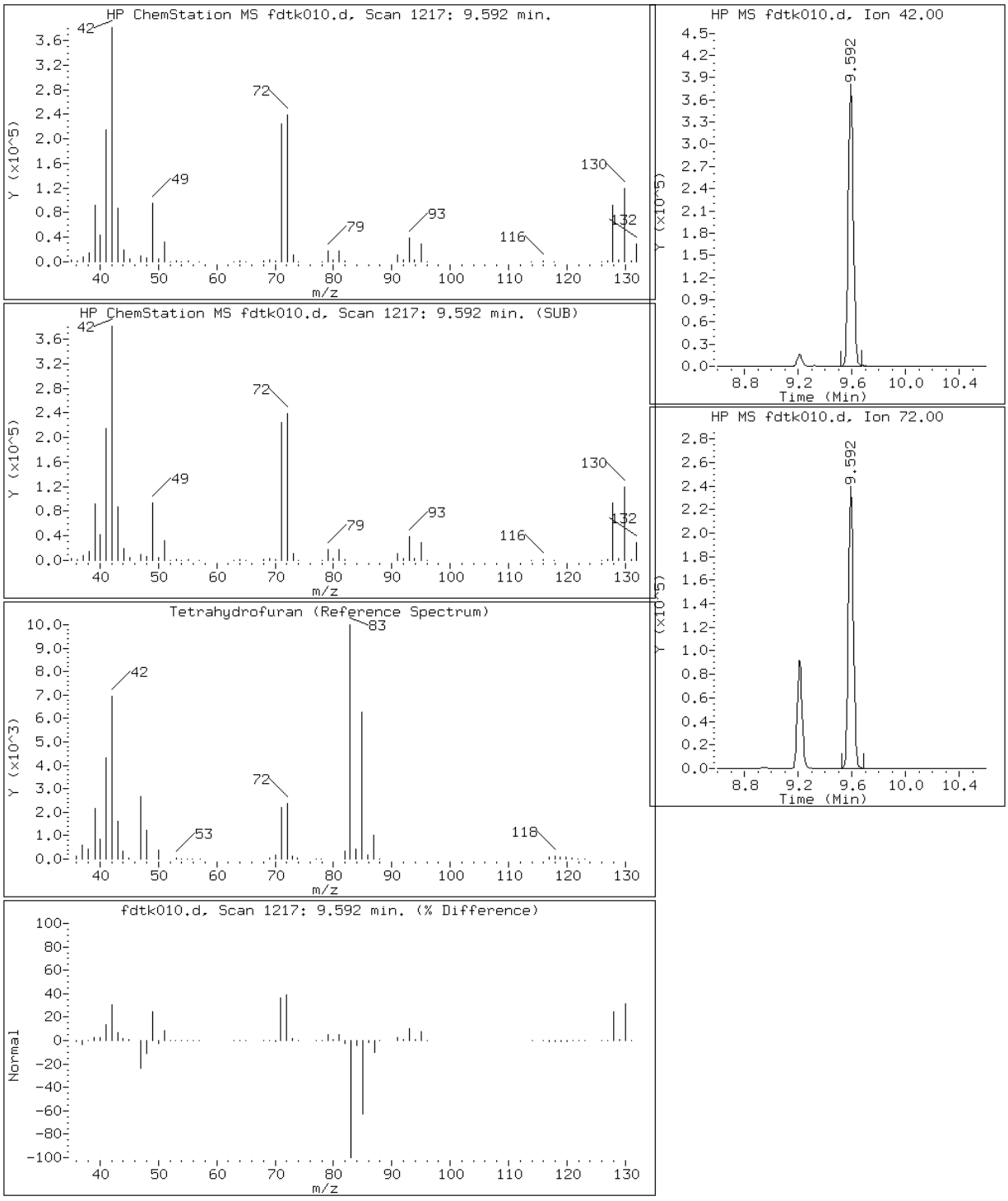
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

38 Tetrahydrofuran



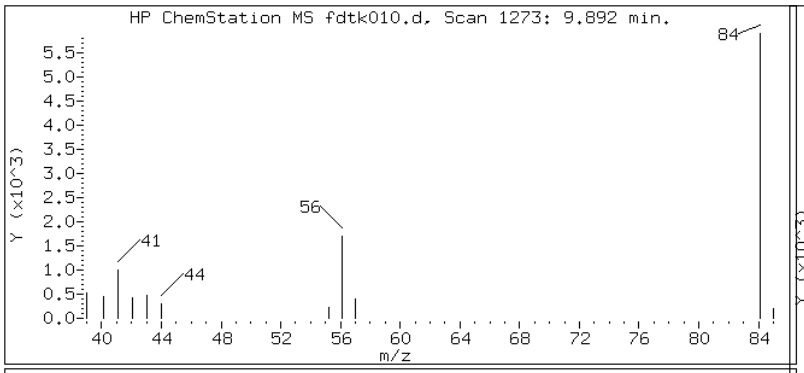
Data File: fdtk010.d

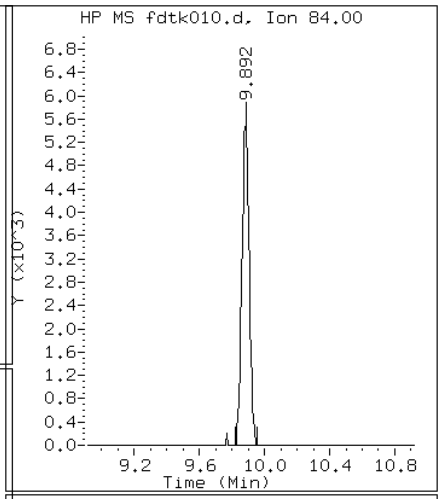
Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

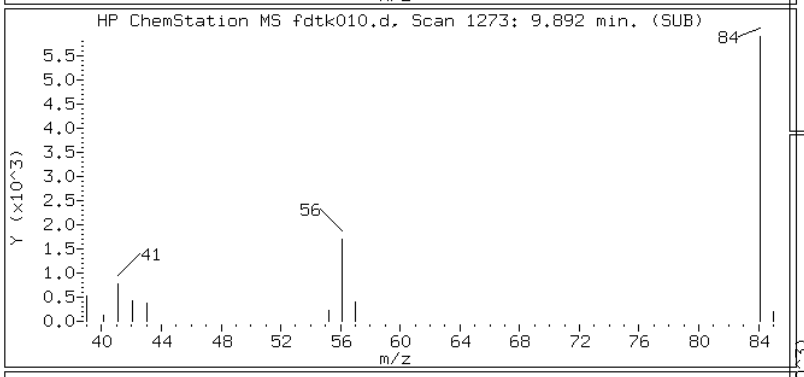
Client ID: CE-VAPOR-8 Instrument: F.i

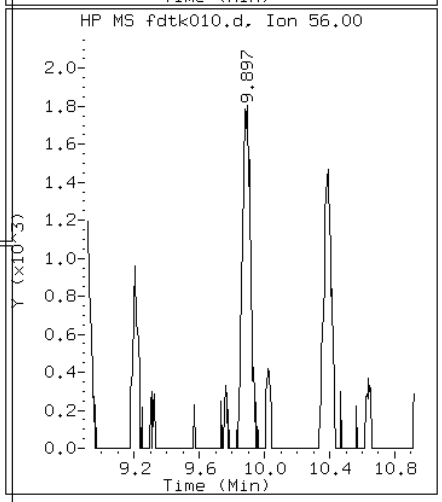
Sample Info: 200-1086-A-9@4.41 Operator: wrd

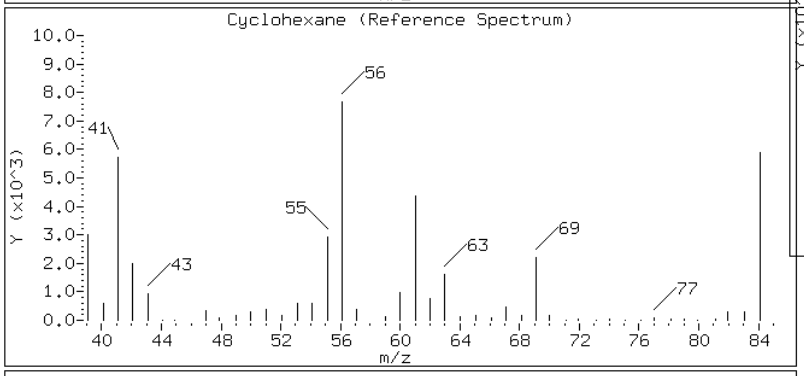
40 Cyclohexane

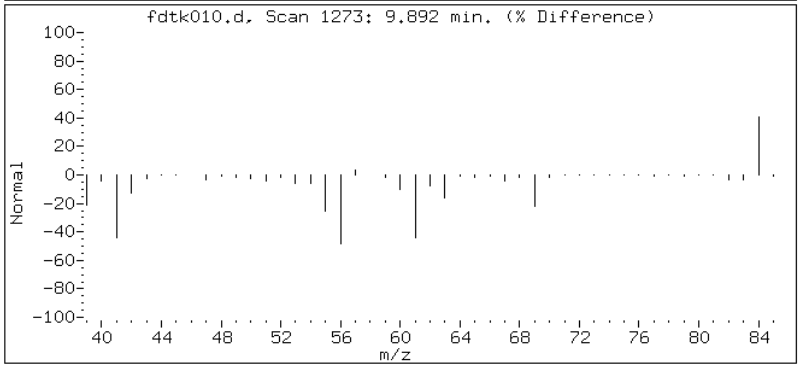












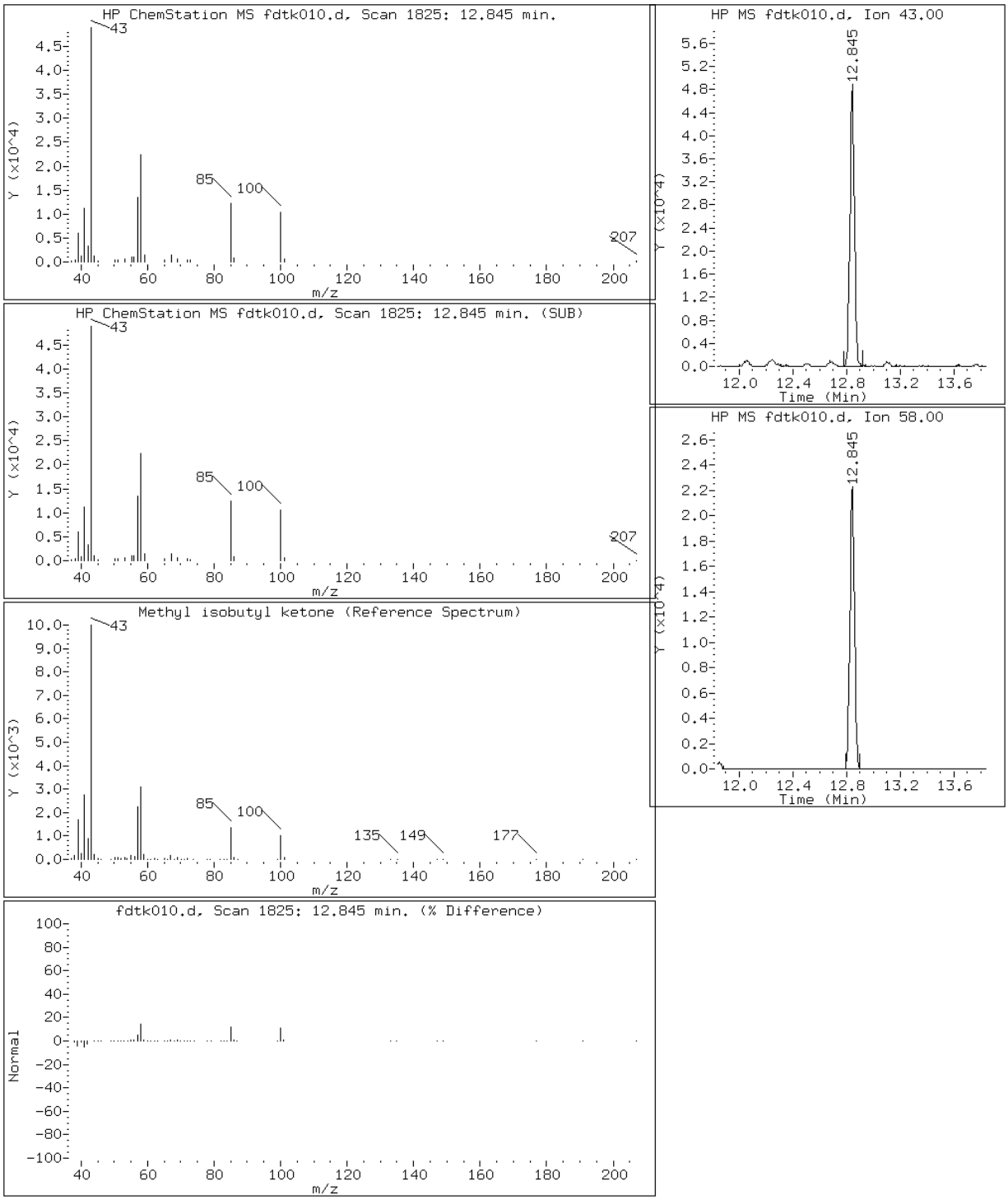
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

56 Methyl isobutyl ketone



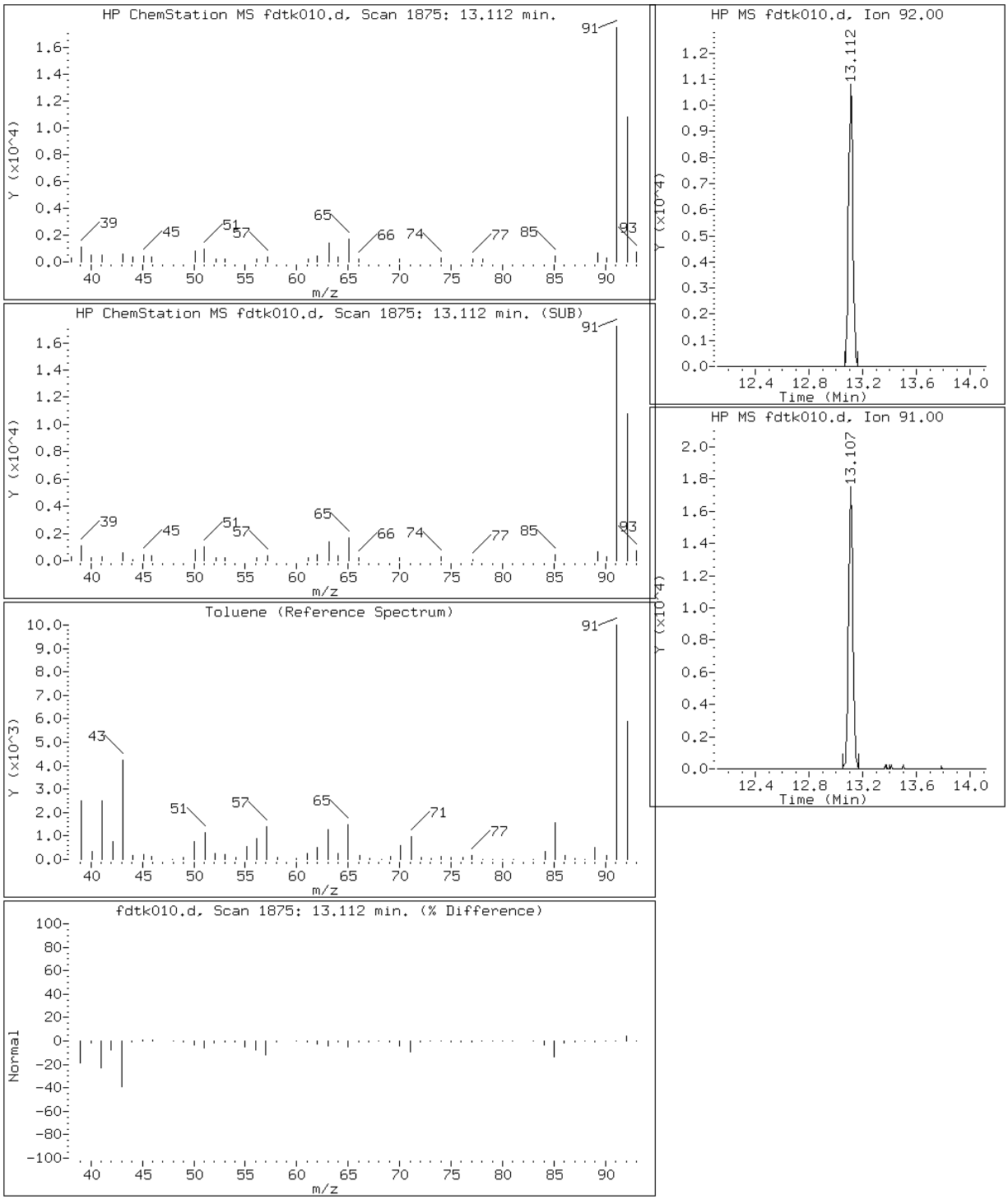
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

58 Toluene



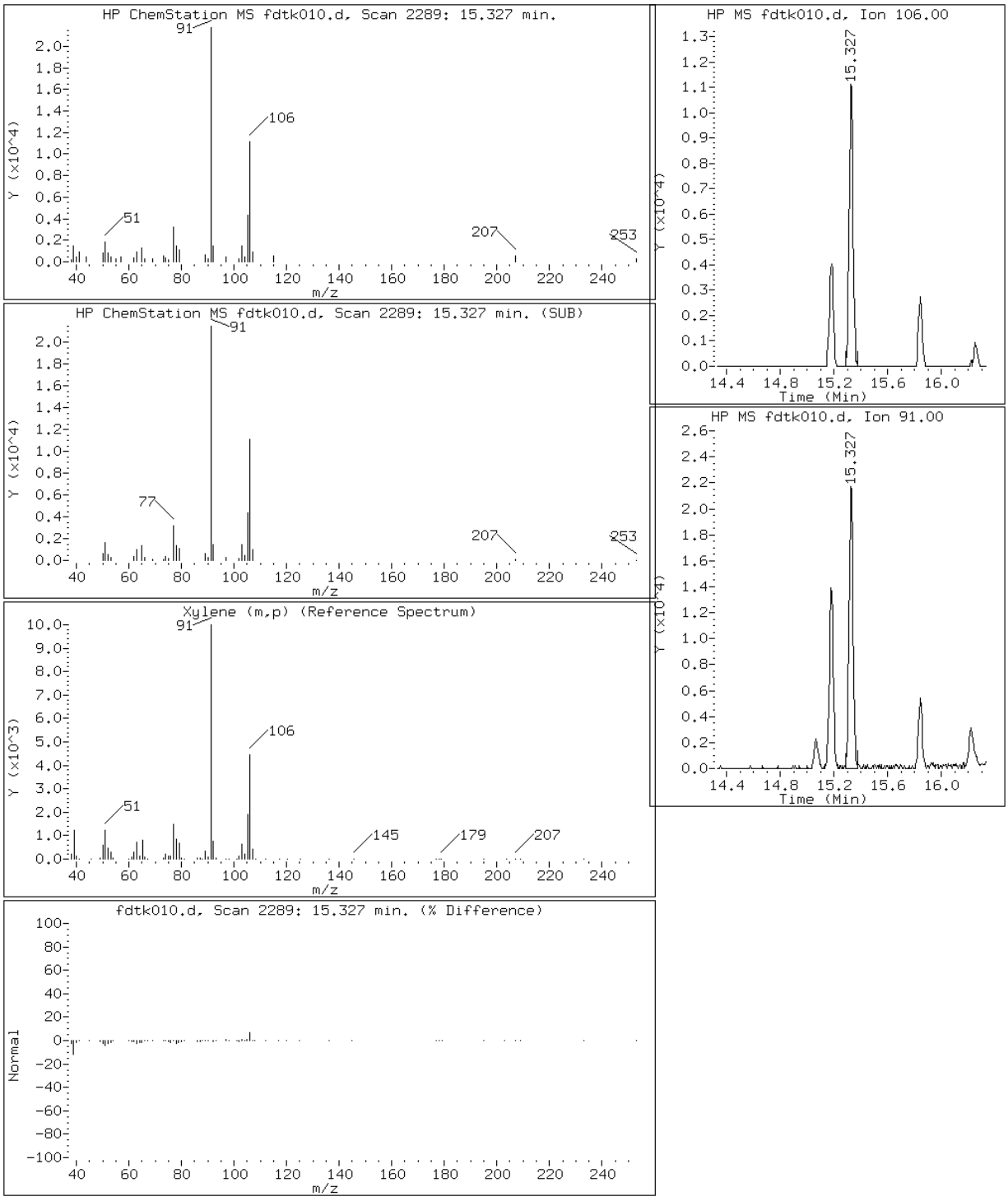
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

69 Xylene (m,p)



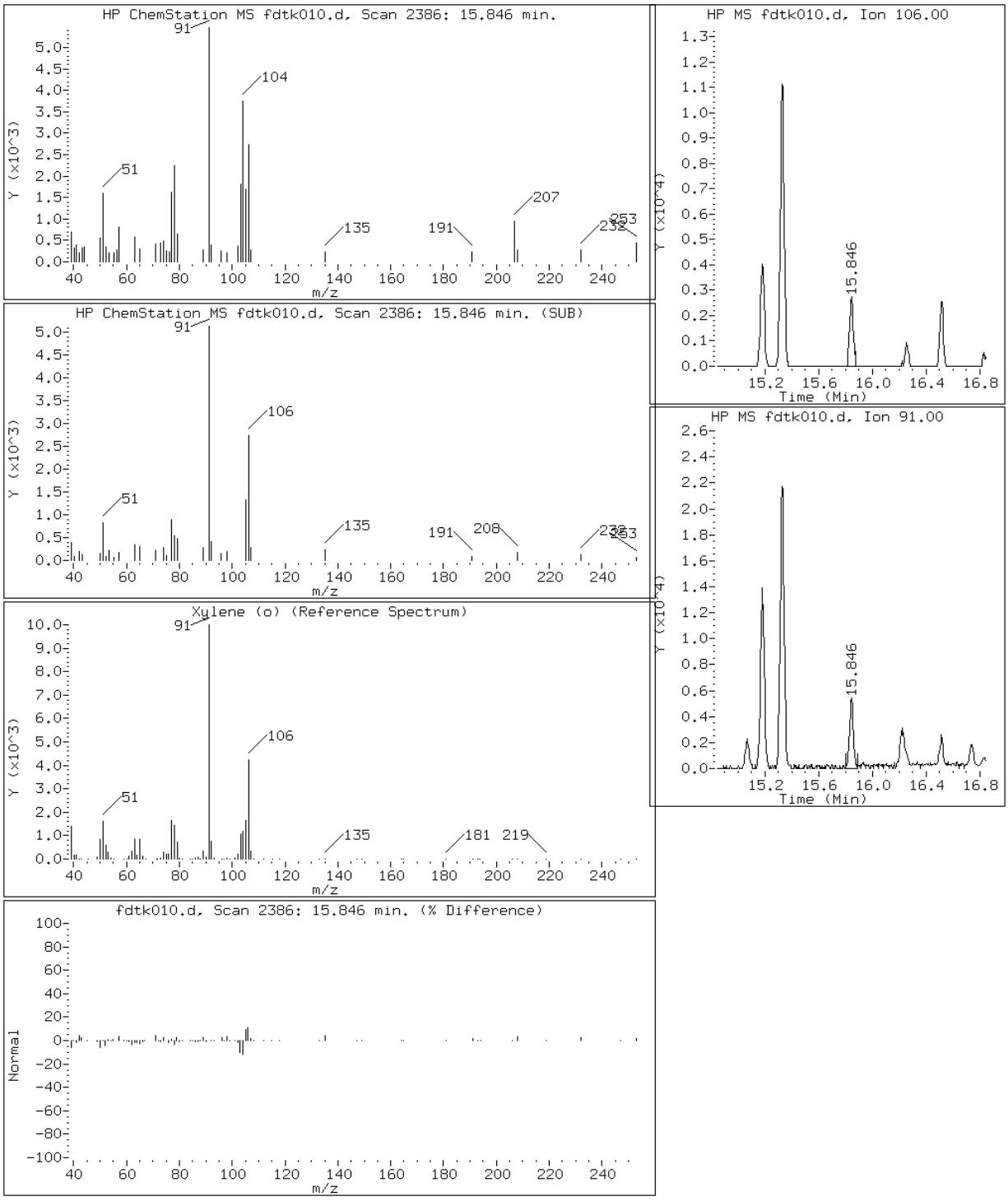
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

71 Xylene (o)



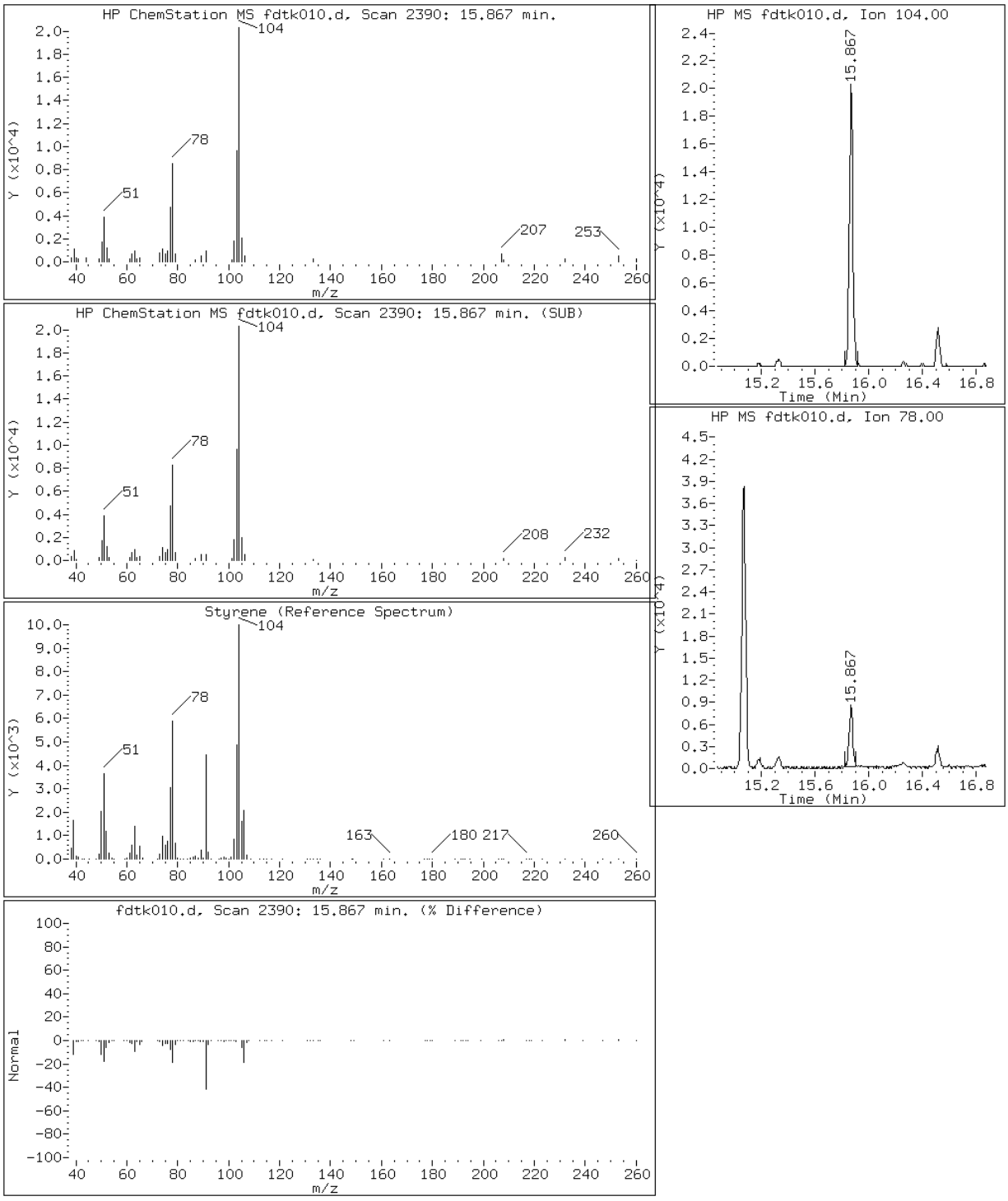
Data File: fdtk010.d

Lab Sample ID: 200-1086-9 Date: 25-AUG-2010 22:22

Client ID: CE-VAPOR-8 Instrument: F.i

Sample Info: 200-1086-A-9@4.41 Operator: wrd

72 Styrene



Manual Integration Report

Data File: fdtk010.d
Lab Sample ID: 200-1086-9
Inj. Date and Time: 25-AUG-2010 22:22
Instrument ID: F.i
Client ID: CE-VAPOR-8
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 08/27/2010

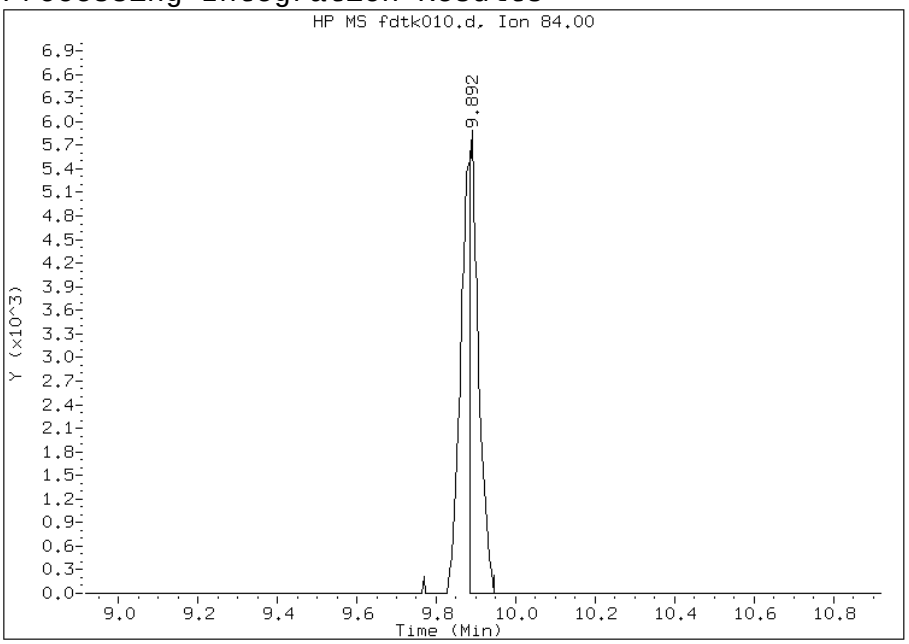
Processing Integration Results

RT: 9.89

Response: 9133

Amount: 0.136115

Conc: 2.72



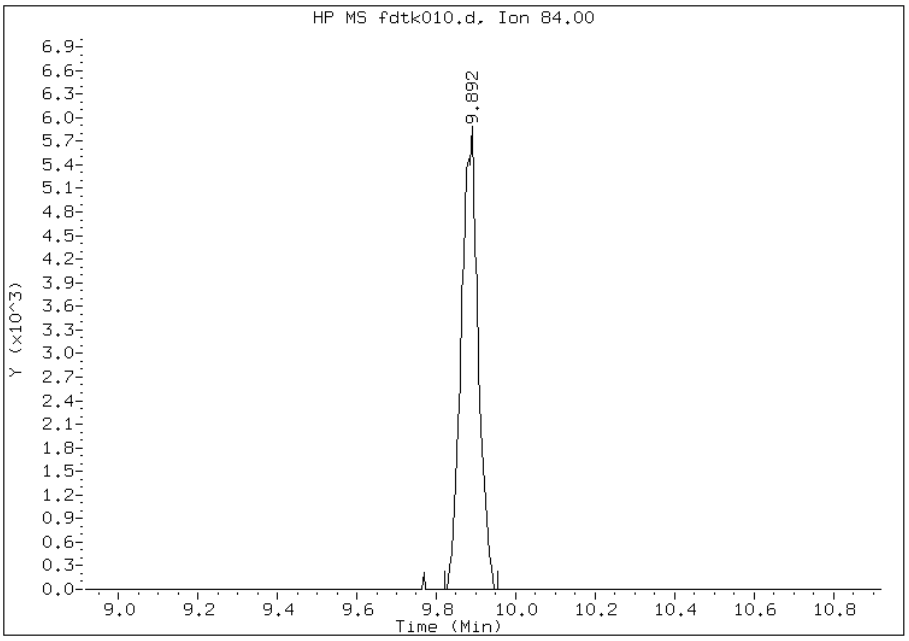
Manual Integration Results

RT: 9.89

Response: 17589

Amount: 0.262140

Conc: 5.24



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-5141/3	fdt003.d
Level 2	IC 200-5141/4	fdt004.d
Level 3	IC 200-5141/5	fdt005.d
Level 4	ICIS 200-5141/6	fdt006.d
Level 5	IC 200-5141/7	fdt007.d
Level 6	IC 200-5141/8	fdt008.d
Level 7	IC 200-5141/9	fdt009.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	0.4318	0.5321 0.4245	0.4672	0.3662	0.4655	Ave		0.4479				12.3		30.0			
Dichlorodifluoromethane	2.1035	2.4715 1.9235	2.2522	1.9292	2.2018	Ave		2.1469				9.7		30.0			
Freon 22	1.0514	1.2804 1.0082	1.1325	0.9191	1.1262	Ave		1.0863				11.4		30.0			
1,2-Dichlorotetrafluoroethane	2.3972 2.1479	2.4909 2.0485	2.2608	2.0543	2.2877	Ave		2.2411				7.5		30.0			
Chloromethane	0.5965	0.7904 0.5699	0.6284	0.5199	0.6300	Ave		0.6225				14.8		30.0			
n-Butane	1.0152	1.2088 0.9789	1.0472	0.8662	1.0705	Ave		1.0311				10.9		30.0			
Vinyl chloride	0.7759 0.7753	0.8770 0.7503	0.7840	0.6506	0.8025	Ave		0.7737				8.7		30.0			
1,3-Butadiene	0.5531 0.5858	0.6244 0.5698	0.5817	0.4812	0.6000	Ave		0.5708				8.0		30.0			
Bromomethane	1.0650 0.8156	1.1056 0.8063	0.9568	0.8063	0.9725	Ave		0.9326				13.5		30.0			
Chloroethane	0.4267	0.5503 0.4152	0.4612	0.3901	0.4800	Ave		0.4539				12.6		30.0			
Isopentane	1.1133 0.8123	1.0620 0.7974	0.8252	0.7084	0.8551	Ave		0.8819				16.8		30.0			
Bromoethene(Vinyl Bromide)	0.9144 0.8309	1.0589 0.7953	0.9456	0.8111	1.0018	Ave		0.9083				11.1		30.0			
Trichlorofluoromethane	2.5503 2.3886	3.0947 2.3287	2.8004	2.3788	2.9165	Ave		2.6369				11.4		30.0			
n-Pentane	1.1763	1.3317 1.1488	1.2180	1.0326	1.2530	Ave		1.1934				8.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.2968	0.3356 0.2811	0.3158	0.2432	0.3122	Ave		0.2974				10.9		30.0			
Ethyl ether	0.6804 0.6858	0.7476 0.6740	0.7053	0.5850	0.7364	Ave		0.6878				7.8		30.0			
Acrolein	0.3416	0.3327	0.3482	0.2879	0.3676	Ave		0.3356				8.8		30.0			
Freon TF	2.0533 1.8958	1.9914 1.7862	2.1505	1.8145	2.0113	Ave		1.9576				6.7		30.0			
1,1-Dichloroethene	0.8902 0.9366	0.9602 0.8910	1.0305	0.8795	0.9840	Ave		0.9389				6.0		30.0			
Acetone	1.2010	1.1855	1.4311	1.2698	1.2727	Ave		1.2720				7.6		30.0			
Isopropyl alcohol	0.9302	0.8692	0.9863	0.7619	0.9757	Ave		0.9047				10.2		30.0			
Carbon disulfide	2.9082	3.1761 2.7619	3.1135	2.6382	3.0556	Ave		2.9422				7.2		30.0			
3-Chloropropene	1.0435 0.9351	1.0187 0.9080	0.9241	0.7440	0.9565	Ave		0.9329				10.4		30.0			
Acetonitrile	0.5215	0.5238	0.5305	0.5009	0.5741	Ave		0.5302				5.1		30.0			
Methylene Chloride	0.8450	1.1161 0.8202	0.9051	0.7678	0.8896	Ave		0.8906				13.6		30.0			
tert-Butyl alcohol	1.6706	1.5569	1.7055	1.4947	1.7643	Ave		1.6384				6.7		30.0			
Methyl tert-butyl ether	2.8752 2.9905	3.0933 2.9023	3.0445	2.6161	3.1467	Ave		2.9526				6.0		30.0			
trans-1,2-Dichloroethene	1.4620 1.3895	1.5371 1.3230	1.4520	1.2203	1.4710	Ave		1.4078				7.6		30.0			
n-Hexane	1.5449 1.3992	1.5175 1.3460	1.4202	1.1987	1.4710	Ave		1.4139				8.3		30.0			
1,1-Dichloroethane	1.7720 1.6634	1.8873 1.6024	1.7462	1.4499	1.7673	Ave		1.6983				8.3		30.0			
Vinyl acetate	1.9448	1.8395	1.9372	1.6330	2.0456	Ave		1.8800				8.3		30.0			
cis-1,2-Dichloroethene	1.0646 0.9945	1.1542 0.9617	1.0419	0.8528	1.0809	Ave		1.0215				9.5		30.0			
Methyl Ethyl Ketone	0.4666	0.5802 0.4472	0.4959	0.4091	0.5059	Ave		0.4842				12.1		30.0			
Ethyl acetate	0.0889	0.0851	0.0891	0.0756	0.0970	Ave		0.0871				9.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	0.1655	0.1540	0.1625	0.1331	0.1593	Ave		0.1549				8.3		30.0			
Chloroform	2.3569 2.2683	2.4482 2.2046	2.3095	1.9069	2.2700	Ave		2.2521				7.6		30.0			
1,1,1-Trichloroethane	0.5170 0.5031	0.5441 0.4585	0.4921	0.3998	0.4483	Ave		0.4804				10.1		30.0			
Cyclohexane	0.3114 0.2962	0.3332 0.2632	0.2975	0.2425	0.2698	Ave		0.2877				10.8		30.0			
Carbon tetrachloride	0.4739 0.4942	0.4790 0.4587	0.4740	0.3983	0.4346	Ave		0.4590				7.1		30.0			
2,2,4-Trimethylpentane	0.9396 0.8994	0.9738 0.8100	0.8823	0.7433	0.8425	Ave		0.8701				9.0		30.0			
Benzene	0.8754 0.6588	0.8122 0.6023	0.6425	0.5492	0.5951	Ave		0.6765				17.9		30.0			
1,2-Dichloroethane	0.2986 0.2965	0.3239 0.2776	0.2856	0.2453	0.2845	Ave		0.2874				8.3		30.0			
n-Heptane	0.3350 0.2837	0.3063 0.2537	0.2763	0.2335	0.2733	Ave		0.2802				11.9		30.0			
Trichloroethene	0.3098 0.2969	0.3113 0.2805	0.3031	0.2501	0.3002	Ave		0.2931				7.3		30.0			
1,2-Dichloropropane	0.2324 0.2172	0.2380 0.1924	0.2104	0.1796	0.2066	Ave		0.2110				9.8		30.0			
Methyl methacrylate	0.2341	0.1874 0.2126	0.2116	0.1832	0.2218	Ave		0.2085				9.5		30.0			
1,4-Dioxane	0.0927	0.0800	0.0963	0.0750	0.0926	Ave		0.0873				10.6		30.0			
Dibromomethane	0.2197 0.2419	0.2180 0.2113	0.2346	0.2094	0.2335	Ave		0.2241				5.6		30.0			
Bromodichloromethane	0.4327 0.5081	0.4706 0.4597	0.4976	0.4239	0.4869	Ave		0.4685				6.8		30.0			
cis-1,3-Dichloropropene	0.3462 0.4021	0.3550 0.3704	0.3709	0.3176	0.3830	Ave		0.3636				7.5		30.0			
methyl isobutyl ketone	0.3741	0.3551 0.3381	0.3608	0.3017	0.3553	Ave		0.3475				7.3		30.0			
n-Octane	0.4384 0.3686	0.4219 0.3136	0.3916	0.3215	0.3658	Ave		0.3745				12.5		30.0			
Toluene	0.5434 0.4841	0.5166 0.4579	0.5322	0.4266	0.4944	Ave		0.4936				8.4		30.0			
trans-1,3-Dichloropropene	0.4035 0.4356	0.3881 0.4025	0.4076	0.3427	0.4160	Ave		0.3994				7.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.2569 0.2457	0.2367 0.2397	0.2594	0.2082	0.2500	Ave		0.2424				7.1		30.0			
Tetrachloroethene	0.4196 0.4130	0.3531 0.3985	0.4155	0.3437	0.4156	Ave		0.3941				8.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	 0.3555	0.3284 0.3459	0.3713	0.2965	0.3578	Ave		0.3426				7.8		30.0			
Dibromochloromethane	0.4144 0.5399	0.3852 0.5312	0.5262	0.4345	0.5382	Ave		0.4814				14.0		30.0			
1,2-Dibromoethane	0.4481 0.4857	0.4177 0.4717	0.4989	0.4074	0.4889	Ave		0.4598				7.9		30.0			
Chlorobenzene	0.7684 0.6932	0.7658 0.6727	0.7308	0.5826	0.6967	Ave		0.7015				9.1		30.0			
Ethylbenzene	1.1957 1.1039	1.2242 1.0476	1.1965	0.9597	1.1277	Ave		1.1222				8.4		30.0			
n-Nonane	0.4801 0.4187	0.4761 0.3847	0.4683	0.3738	0.4310	Ave		0.4332				10.1		30.0			
m,p-Xylene	0.4706 0.4219	0.4743 0.3993	0.4737	0.3732	0.4342	Ave		0.4353				9.2		30.0			
Xylene, o-	0.4531 0.4284	0.4683 0.4071	0.4669	0.3740	0.4393	Ave		0.4339				7.9		30.0			
Styrene	0.5579 0.6856	0.6231 0.6539	0.7156	0.5803	0.6946	Ave		0.6444				9.3		30.0			
Bromoform	0.3513 0.5006	0.3940 0.4730	0.4975	0.4110	0.5041	Ave		0.4474				13.7		30.0			
Cumene	1.2961 1.2762	1.3621 1.2121	1.3693	1.0971	1.2986	Ave		1.2731				7.4		30.0			
1,1,2,2-Tetrachloroethane	0.6929 0.6399	0.7277 0.5952	0.7058	0.5660	0.6547	Ave		0.6546				9.0		30.0			
n-Propylbenzene	1.6343 1.4499	1.7092 1.3122	1.6670	1.3096	1.4995	Ave		1.5117				10.9		30.0			
1,2,3-Trichloropropane	 0.4627	0.5665 0.4195	0.5361	0.4239	0.4812	Ave		0.4817				12.4		30.0			
n-Decane	 0.5394	0.6332 0.4872	0.6152	0.4885	0.5586	Ave		0.5537				11.1		30.0			
4-Ethyltoluene	1.3966 1.3119	1.4685 1.2236	1.4451	1.1456	1.3454	Ave		1.3338				8.8		30.0			
2-Chlorotoluene	1.3043 1.2003	1.3531 1.1184	1.3234	1.0477	1.2258	Ave		1.2247				9.2		30.0			
1,3,5-Trimethylbenzene	1.1128 1.0949	1.1790 1.0292	1.1821	0.9438	1.1119	Ave		1.0934				7.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	1.0691 1.0367	1.1569 0.9836	1.1235	0.8898	1.0514	Ave		1.0444				8.5		30.0			
1,2,4-Trimethylbenzene	1.1275 1.1175	1.2233 1.0525	1.2154	0.9593	1.1350	Ave		1.1186				8.2		30.0			
sec-Butylbenzene	1.6491 1.5440	1.7447 1.4382	1.7159	1.3541	1.5802	Ave		1.5752				9.1		30.0			
4-Isopropyltoluene	1.3336 1.3235	1.4232 1.2389	1.4416	1.1360	1.3405	Ave		1.3196				8.0		30.0			
1,3-Dichlorobenzene	0.8208 0.7622	0.8501 0.7163	0.8153	0.6424	0.7695	Ave		0.7681				9.2		30.0			
1,4-Dichlorobenzene	0.8486 0.7717	0.8694 0.7235	0.8211	0.6530	0.7799	Ave		0.7810				9.6		30.0			
Benzyl chloride	0.9337 1.0524	1.0500 1.0018	1.0878	0.6908	1.0508	Ave		0.9810				14.0		30.0			
n-Undecane	 0.5983	 0.5078	0.7076	0.5552	0.6211	Ave		0.5980				12.5		30.0			
n-Butylbenzene	1.3198 1.1995	1.4156 1.0846	1.3669	1.0688	1.2401	Ave		1.2422				10.8		30.0			
1,2-Dichlorobenzene	0.7827 0.7288	0.8112 0.6852	0.7783	0.6213	0.7339	Ave		0.7345				8.9		30.0			
n-Dodecane	 0.6143	 0.4993	0.6922	0.5122	0.6172	Ave		0.5870				13.7		30.0			
1,2,4-Trichlorobenzene	 0.6004	0.6404 0.5235	0.6083	0.4628	0.5914	Ave		0.5711				11.5		30.0			
Hexachlorobutadiene	0.4142 0.4160	0.4670 0.3528	0.4496	0.3479	0.4123	Ave		0.4086				10.9		30.0			
Naphthalene	 1.4135	1.4550 1.2482	1.3842	1.0784	1.3960	Ave		1.3292				10.6		30.0			
1,2,3-Trichlorobenzene	0.5393 0.5252	0.5531 0.4440	0.5329	0.4017	0.5114	Ave		0.5011				11.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-5141/3	fdt003.d
Level 2	IC 200-5141/4	fdt004.d
Level 3	IC 200-5141/5	fdt005.d
Level 4	ICIS 200-5141/6	fdt006.d
Level 5	IC 200-5141/7	fdt007.d
Level 6	IC 200-5141/8	fdt008.d
Level 7	IC 200-5141/9	fdt009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	360964	10075 690969	93199	130233	263399	20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	1758661	46792 3130752	449305	686159	1245934	20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	878992	24242 1640963	225924	326895	637254	20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	18568 1795746	47160 3334231	451038	730648	1294534	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	498665	14964 927591	125362	184903	356488	20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	848772	22885 1593359	208908	308084	605743	20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	6010 648166	16604 1221268	156412	231395	454136	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	4284 489767	11822 927445	116049	171134	339501	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	8249 681862	20931 1312326	190873	286763	550286	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	356735	10418 675867	92006	138749	271628	20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	8623 679105	20106 1297891	164618	251960	483871	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	7083 694632	20048 1294451	188654	288492	566885	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	19754 1996944	58591 3790397	558680	846055	1650375	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	983418	25212 1869838	243000	367271	709035	20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	496291	63534 1143759	126008	129759	235551	40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	5270 573344	14154 1096974	140699	208060	416687	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	 285626	 541448	69460	102405	208023	 20.0	 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	15904 1585020	37703 2907332	429027	645360	1138152	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	6895 783040	18180 1450310	205584	312821	556800	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	 1004123	 1929616	285510	451612	720188	 20.0	 40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	 777670	 1414778	196767	270993	552129	 20.0	 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	 2431409	60132 4495386	621139	938313	1729069	 20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	8083 781762	19287 1478001	184349	264611	541281	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	 435979	 852623	105825	178146	324890	 20.0	 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	 706463	21130 1334976	180573	273063	503375	 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	 1396711	 2534136	340240	531631	998363	 20.0	 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	22270 2500222	58564 4723943	607370	930463	1780638	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	11324 1161704	29101 2153478	289673	434015	832417	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	11966 1169828	28730 2190891	283332	426341	832401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	13725 1390676	35732 2608155	348372	515671	1000035	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	 1625947	 2994179	386463	580787	1157537	 20.0	 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	8246 831486	21853 1565364	207859	303308	611630	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	 390122	10984 727910	98942	145513	286292	 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	 74300	 138437	17771	26876	54916	 20.0	 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	 665246	 1266734	162083	235374	474014	 20.0	 40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	18256 1896398	46350 3588443	460736	678214	1284546	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,1-Trichloroethane	DFB	Ave	18478 2021786	49376 3772278	490864	707243	1334124	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	11130 1190460	30233 2165376	296756	428886	802828	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	16936 1986385	43468 3774556	472798	704541	1293183	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	33581 3614693	88372 6664368	880114	1314795	2506983	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	31284 2647749	73702 4955537	640901	971392	1770758	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	10670 1191849	29392 2284024	284839	433822	846642	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	11972 1140221	27794 2087124	275589	413095	813139	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	11071 1193155	28247 2308084	302326	442437	893403	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	8304 873065	21602 1583414	209866	317728	614824	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	 940883	17004 1749617	211119	324112	659877	 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	 372488	 657989	96061	132594	275604	 20.0	 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	7853 972396	19781 1738559	234050	370375	694904	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	15465 2042067	42702 3782146	496396	749860	1448842	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	12373 1616257	32218 3047569	370003	561865	1139771	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	 1503359	32223 2781773	359944	533646	1057410	 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	15669 1481302	38284 2580741	390618	568744	1088645	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	19968 2015037	48762 3603751	505256	750256	1451766	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	14421 1750759	35222 3311498	406608	606220	1237833	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9441 1022504	22345 1886841	246254	366210	734102	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrachloroethene	CBZ	Ave	15418 1718911	33333 3136962	394409	604518	1220342	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	 1479630	30995 2722830	352517	521564	1050692	 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromochloromethane	CBZ	Ave	15229 2247027	36355 4181013	499510	764250	1580569	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	16464 2021668	39426 3713113	473570	716477	1435859	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	28235 2885182	72282 5295215	693765	1024785	2045962	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	43936 4594806	115549 8245881	1135825	1688001	3311740	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	17643 1742656	44943 3027939	444562	657475	1265610	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	34586 3511754	89532 6285470	899381	1312821	2550275	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	16648 1783263	44204 3204400	443189	657779	1290064	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	20501 2853483	58818 5147147	679341	1020632	2039885	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	12908 2083607	37190 3723367	472315	722812	1480522	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	47624 5311630	128570 9540094	1299865	1929587	3813649	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	25461 2663489	68683 4684738	670000	995514	1922667	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	60054 6034678	161335 10328543	1582481	2303380	4403541	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	 1925944	53475 3301757	508896	745594	1413257	 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	 2245117	59771 3834983	584013	859183	1640469	 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	51320 5460505	138616 9630978	1371833	2015005	3951137	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	47926 4995696	127723 8803133	1256329	1842706	3599759	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	40889 4557146	111289 8100457	1122158	1660091	3265378	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	39284 4315093	109202 7742010	1066540	1564975	3087735	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	41432 4651410	115466 8283967	1153738	1687211	3333273	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	60595 6426523	164679 11320444	1628888	2381698	4640395	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	49005 5508429	134339 9751345	1368505	1998109	3936597	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-1086-1 Analy Batch No.: 5141

SDG No.:

Instrument ID: F.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/12/2010 19:27 Calibration End Date: 08/13/2010 00:33 Calibration ID: 1849

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichlorobenzene	CBZ	Ave	30162 3172210	80240 5637961	773992	1129842	2259850	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	31183 3211907	82066 5695059	779512	1148480	2290373	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	34308 4380473	99108 7885201	1032626	1215064	3085949	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	 2490268	 3996584	671743	976561	1823989	 20.0	 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	48496 4992601	133614 8537193	1297570	1879894	3641732	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	28759 3033214	76569 5393228	738881	1092811	2155117	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	 2556862	 3929904	657120	900946	1812394	 20.0	 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	 2498978	60444 4120238	577465	813934	1736727	 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	15219 1731634	44083 2777259	426763	611962	1210907	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	 5883111	137341 9824355	1314045	1896810	4099550	 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	19815 2185863	52206 3494896	505869	706457	1501883	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt003.d
Lab Smp Id: ic 29129
Inj Date : 12-AUG-2010 19:27
Operator : sv Inst ID: F.i
Smp Info : ic 29129
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 19:27 Cal File: fdt003.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.221	3.221	(0.336)	17970	0.20000	0.22(a)
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	10372	0.20000	0.25(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	18568	0.20000	0.21
5 Chloromethane	50	3.579	3.574	(0.374)	6345	0.20000	0.26(a)
6 Butane	43	3.756	3.756	(0.392)	10047	0.20000	0.25(aQ)
7 Vinyl chloride	62	3.798	3.793	(0.397)	6010	0.20000	0.20
8 1,3-Butadiene	54	3.863	3.863	(0.403)	4284	0.20000	0.19(a)
9 Bromomethane	94	4.537	4.542	(0.474)	8249	0.20000	0.23
10 Chloroethane	64	4.761	4.761	(0.497)	3683	0.20000	0.21(a)
11 2-Methylbutane	43	4.831	4.842	(0.504)	8623	0.20000	0.25
12 Vinyl bromide	106	5.141	5.152	(0.537)	7083	0.20000	0.20
13 Trichlorofluoromethane	101	5.243	5.243	(0.547)	19754	0.20000	0.19(a)
14 Pentane	43	5.377	5.377	(0.561)	13566	0.20000	0.29(a)
16 Ethyl ether	59	5.842	5.831	(0.610)	5270	0.20000	0.20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.216	6.227	(0.649)	15904	0.20000	0.21
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	6.286	6.291	(0.656)	6895	0.20000	0.19(aQ)
21	Carbon disulfide	76	6.693	6.698	(0.699)	23408	0.20000	0.21(a)
23	Allyl chloride	41	6.960	6.965	(0.727)	8083	0.20000	0.22
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	7.206	7.211	(0.752)	10160	0.20000	0.29(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	7.581	7.565	(0.792)	22270	0.20000	0.19(a)
28	1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	11324	0.20000	0.21
29	Acrylonitrile	53	7.682	7.688	(0.802)	4669	0.20000	0.20(aQ)
30	n-Hexane	57	7.923	7.934	(0.827)	11966	0.20000	0.22
31	1,1-Dichloroethane	63	8.330	8.335	(0.870)	13725	0.20000	0.21
M 33	1,2-Dichloroethene,Total	61				19570	0.40000	0.42
34	1,2-Dichloroethene (cis)	96	9.212	9.218	(0.962)	8246	0.20000	0.21
36	Methyl Ethyl Ketone	72	9.223	9.218	(0.963)	4478	0.20000	0.24(aQ)
* 37	Bromochloromethane	128	9.576	9.581	(1.000)	387284	10.0000	
39	Chloroform	83	9.651	9.651	(1.008)	18256	0.20000	0.21
40	Cyclohexane	84	9.918	9.918	(0.904)	11130	0.20000	0.22
41	1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	18478	0.20000	0.22
42	Carbon tetrachloride	117	10.100	10.111	(0.921)	16936	0.20000	0.21
43	2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	33581	0.20000	0.22
44	Benzene	78	10.427	10.432	(0.951)	31284	0.20000	0.26
45	1,2-Dichloroethane	62	10.528	10.528	(0.960)	10670	0.20000	0.21
46	n-Heptane	43	10.635	10.641	(0.970)	11972	0.20000	0.24
* 47	1,4-Difluorobenzene	114	10.967	10.972	(1.000)	1786897	10.0000	
49	Trichloroethene	95	11.325	11.331	(1.033)	11071	0.20000	0.21
50	1,2-Dichloropropane	63	11.705	11.700	(1.067)	8304	0.20000	0.22
51	Methyl methacrylate	69	11.748	11.748	(1.071)	6039	0.20000	0.16(aQ)
52	Dibromomethane	174	11.876	11.887	(1.083)	7853	0.20000	0.20
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	12.058	12.058	(1.099)	15465	0.20000	0.18(a)
55	1,3-Dichloropropene (cis)	75	12.690	12.684	(1.157)	12373	0.20000	0.19(a)
56	Methyl isobutyl ketone	43	12.845	12.839	(1.171)	11517	0.20000	0.19(a)
57	n-Octane	43	13.107	13.107	(1.195)	15669	0.20000	0.23(a)
58	Toluene	92	13.118	13.118	(0.870)	19968	0.20000	0.22
59	1,3-Dichloropropene (trans)	75	13.476	13.476	(1.229)	14421	0.20000	0.20
60	1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	9441	0.20000	0.21
61	Tetrachloroethene	166	13.883	13.883	(0.921)	15418	0.20000	0.21
62	2-Hexanone	43	14.022	14.022	(0.930)	12140	0.20000	0.19(a)
63	Dibromochloromethane	129	14.300	14.300	(0.949)	15229	0.20000	0.17(a)
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	16464	0.20000	0.19(a)
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	1837262	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.003)	28235	0.20000	0.22
67	n-Nonane	57	15.215	15.215	(1.010)	17643	0.20000	0.22
68	Ethylbenzene	91	15.182	15.188	(1.007)	43936	0.20000	0.21
69	Xylene (m,p)	106	15.332	15.332	(1.017)	34586	0.40000	0.43

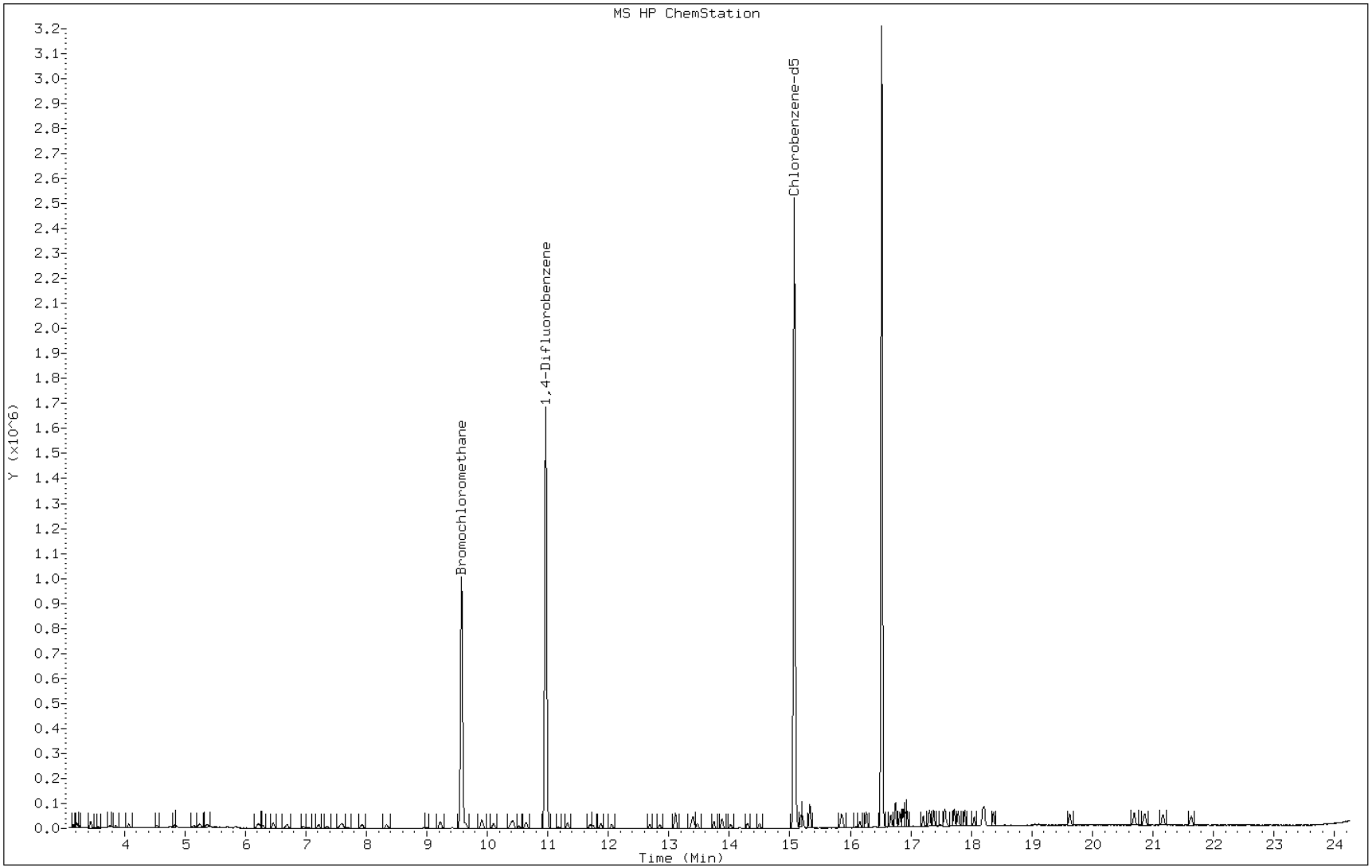
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
M	70 Xylenes, Total	106				51234	0.20000	0.64
	71 Xylene (o)	106	15.851	15.846	(1.052)	16648	0.20000	0.21
	72 Styrene	104	15.873	15.873	(1.053)	20501	0.20000	0.17(a)
	73 Bromoform	173	16.156	16.162	(1.072)	12908	0.20000	0.16(a)
	74 Isopropylbenzene	105	16.263	16.263	(1.079)	47624	0.20000	0.20
	75 1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	25461	0.20000	0.21
	76 n-Propylbenzene	91	16.745	16.745	(1.111)	60054	0.20000	0.22
	77 1,2,3-Trichloropropane	75	16.755	16.755	(1.112)	20883	0.20000	0.24(a)
	78 n-Decane	57	16.820	16.820	(1.116)	23107	0.20000	0.23(a)
	79 4-Ethyltoluene	105	16.873	16.873	(1.120)	51320	0.20000	0.21
	80 2-Chlorotoluene	91	16.905	16.905	(1.122)	47926	0.20000	0.21
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	40889	0.20000	0.20
	82 Alpha Methyl Styrene	118	17.205	17.205	(1.142)	14862	0.20000	0.15(a)
	83 tert-butylbenzene	119	17.306	17.306	(1.148)	39284	0.20000	0.20
	84 1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	41432	0.20000	0.20
	85 sec-Butylbenzene	105	17.563	17.563	(1.165)	60595	0.20000	0.21
	86 4-Isopropyltoluene	119	17.713	17.718	(1.175)	49005	0.20000	0.20
	87 1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	30162	0.20000	0.21
	88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	31183	0.20000	0.22
	89 Benzyl chloride	91	18.050	18.045	(1.198)	34308	0.20000	0.19(a)
	91 n-Butylbenzene	91	18.216	18.216	(1.209)	48496	0.20000	0.21
	92 1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	28759	0.20000	0.21
	94 1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	22705	0.20000	0.22(a)
	95 1,3-Hexachlorobutadiene	225	20.869	20.869	(1.385)	15219	0.20000	0.20
	96 Naphthalene	128	21.169	21.169	(1.405)	55900	0.20000	0.23(a)
	97 1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	19815	0.20000	0.22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: fdt003.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 29129
Lab Sample ID: ic 29129

Date: 12-AUG-2010 19:27
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt004.d
Lab Smp Id: ic 29127
Inj Date : 12-AUG-2010 20:19
Operator : sv Inst ID: F.i
Smp Info : ic 29127
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:36 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	46792	0.50000	0.58
3 Chlorodifluoromethane	51	3.252	3.253	(0.340)	24242	0.50000	0.59
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	47160	0.50000	0.56
5 Chloromethane	50	3.573	3.574	(0.373)	14964	0.50000	0.63
6 Butane	43	3.750	3.756	(0.392)	22885	0.50000	0.59
7 Vinyl chloride	62	3.787	3.793	(0.396)	16604	0.50000	0.57
8 1,3-Butadiene	54	3.857	3.863	(0.403)	11822	0.50000	0.55
9 Bromomethane	94	4.542	4.542	(0.474)	20931	0.50000	0.59
10 Chloroethane	64	4.761	4.761	(0.497)	10418	0.50000	0.61
11 2-Methylbutane	43	4.841	4.842	(0.506)	20106	0.50000	0.60
12 Vinyl bromide	106	5.146	5.152	(0.537)	20048	0.50000	0.58
13 Trichlorofluoromethane	101	5.237	5.243	(0.547)	58591	0.50000	0.59
14 Pentane	43	5.376	5.377	(0.561)	25212	0.50000	0.56
15 Ethanol	45	5.692	5.687	(0.594)	63534	5.00000	5.6

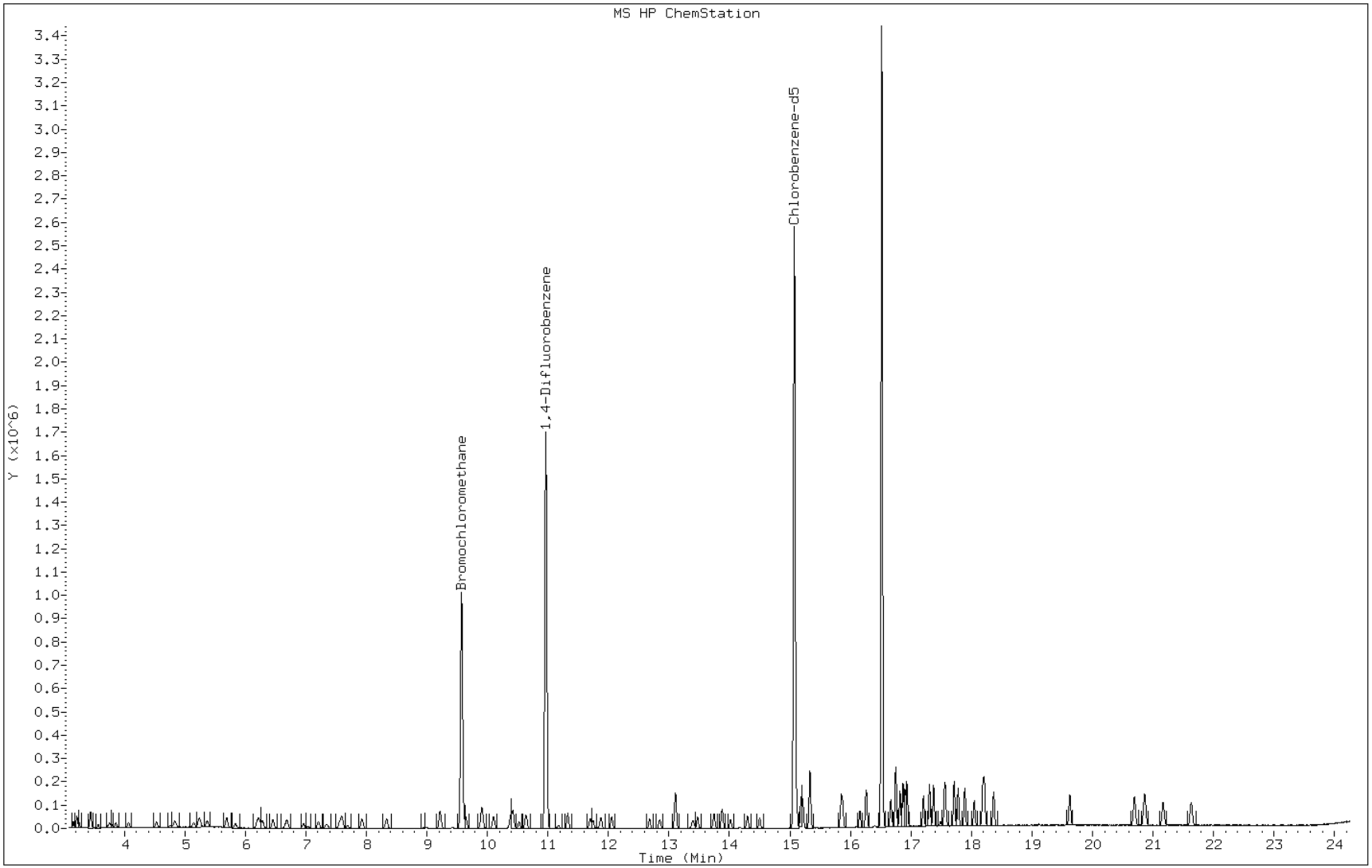
		QUANT SIG					AMOUNTS CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb v/v)	(ppb v/v)
	16 Ethyl ether	59	5.842	5.831	(0.610)	14154	0.50000	0.54
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	37703	0.50000	0.51
	19 1,1-Dichloroethene	96	6.286	6.291	(0.656)	18180	0.50000	0.51
	20 Acetone	43	6.457	6.446	(0.674)	60279	0.50000	1.3(a)
	21 Carbon disulfide	76	6.692	6.698	(0.699)	60132	0.50000	0.54
	23 Allyl chloride	41	6.954	6.965	(0.726)	19287	0.50000	0.55
	25 Methylene chloride	49	7.211	7.211	(0.753)	21130	0.50000	0.63
	27 Methyl tert-butyl ether	73	7.570	7.565	(0.790)	58564	0.50000	0.52
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	29101	0.50000	0.55
	29 Acrylonitrile	53	7.693	7.688	(0.803)	12256	0.50000	0.53(MH)
	30 n-Hexane	57	7.928	7.934	(0.828)	28730	0.50000	0.54
	31 1,1-Dichloroethane	63	8.324	8.335	(0.869)	35732	0.50000	0.56
M	33 1,2-Dichloroethene,Total	61				50954	1.00000	1.1
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	21853	0.50000	0.56
	36 Methyl Ethyl Ketone	72	9.228	9.218	(0.964)	10984	0.50000	0.60
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	378653	10.0000	
	39 Chloroform	83	9.645	9.651	(1.007)	46350	0.50000	0.54
	40 Cyclohexane	84	9.918	9.918	(0.904)	30233	0.50000	0.58
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	49376	0.50000	0.57
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	43468	0.50000	0.52
	43 2,2,4-Trimethylpentane	57	10.394	10.395	(0.948)	88372	0.50000	0.56
	44 Benzene	78	10.426	10.432	(0.951)	73702	0.50000	0.60
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	29392	0.50000	0.56
	46 n-Heptane	43	10.640	10.641	(0.970)	27794	0.50000	0.55
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	1814978	10.0000	
	49 Trichloroethene	95	11.331	11.331	(1.033)	28247	0.50000	0.53
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	21602	0.50000	0.56
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	17004	0.50000	0.45(a)
	52 Dibromomethane	174	11.882	11.887	(1.083)	19781	0.50000	0.49
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	42702	0.50000	0.50
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.157)	32218	0.50000	0.49
	56 Methyl isobutyl ketone	43	12.850	12.839	(1.172)	32223	0.50000	0.51
	57 n-Octane	43	13.107	13.107	(1.195)	38284	0.50000	0.56
	58 Toluene	92	13.112	13.118	(0.870)	48762	0.50000	0.52
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.229)	35222	0.50000	0.49
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	22345	0.50000	0.49
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	33333	0.50000	0.45
	62 2-Hexanone	43	14.016	14.022	(0.930)	30995	0.50000	0.48(a)
	63 Dibromochloromethane	129	14.300	14.300	(0.949)	36355	0.50000	0.40
	64 1,2-Dibromoethane	107	14.503	14.503	(0.962)	39426	0.50000	0.45
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	1887799	10.0000	
	66 Chlorobenzene	112	15.107	15.113	(1.002)	72282	0.50000	0.55
	67 n-Nonane	57	15.214	15.215	(1.010)	44943	0.50000	0.55
	68 Ethylbenzene	91	15.182	15.188	(1.007)	115549	0.50000	0.55
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	89532	1.00000	1.1
M	70 Xylenes, Total	106				133736	0.50000	1.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
71 Xylene (o)	106	15.851	15.846	(1.052)	44204	0.50000	0.54
72 Styrene	104	15.872	15.873	(1.053)	58818	0.50000	0.48
73 Bromoform	173	16.161	16.162	(1.072)	37190	0.50000	0.44
74 Isopropylbenzene	105	16.263	16.263	(1.079)	128570	0.50000	0.53
75 1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	68683	0.50000	0.56
76 n-Propylbenzene	91	16.744	16.745	(1.111)	161335	0.50000	0.57
77 1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	53475	0.50000	0.59
78 n-Decane	57	16.819	16.820	(1.116)	59771	0.50000	0.57
79 4-Ethyltoluene	105	16.867	16.873	(1.119)	138616	0.50000	0.55
80 2-Chlorotoluene	91	16.905	16.905	(1.122)	127723	0.50000	0.55
81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	111289	0.50000	0.54
82 Alpha Methyl Styrene	118	17.204	17.205	(1.142)	46417	0.50000	0.47
83 tert-butylbenzene	119	17.306	17.306	(1.148)	109202	0.50000	0.55
84 1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	115466	0.50000	0.55
85 sec-Butylbenzene	105	17.563	17.563	(1.165)	164679	0.50000	0.55
86 4-Isopropyltoluene	119	17.713	17.718	(1.175)	134339	0.50000	0.54
87 1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	80240	0.50000	0.55
88 1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	82066	0.50000	0.56
89 Benzyl chloride	91	18.044	18.045	(1.197)	99108	0.50000	0.54
91 n-Butylbenzene	91	18.216	18.216	(1.209)	133614	0.50000	0.57
92 1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	76569	0.50000	0.55
94 1,2,4-Trichlorobenzene	180	20.692	20.693	(1.373)	60444	0.50000	0.56
95 1,3-Hexachlorobutadiene	225	20.869	20.869	(1.385)	44083	0.50000	0.57
96 Naphthalene	128	21.169	21.169	(1.405)	137341	0.50000	0.55
97 1,2,3-Trichlorobenzene	180	21.639	21.634	(1.436)	52206	0.50000	0.55

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File:	fdt004.d	Date:	12-AUG-2010 20:19
Client ID:		Instrument:	F.i
Operator:	sv	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 29127		
Lab Sample ID:	ic 29127		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt005.d
Lab Smp Id: ic 29125
Inj Date : 12-AUG-2010 21:09
Operator : sv Inst ID: F.i
Smp Info : ic 29125
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 21:09 Cal File: fdt005.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

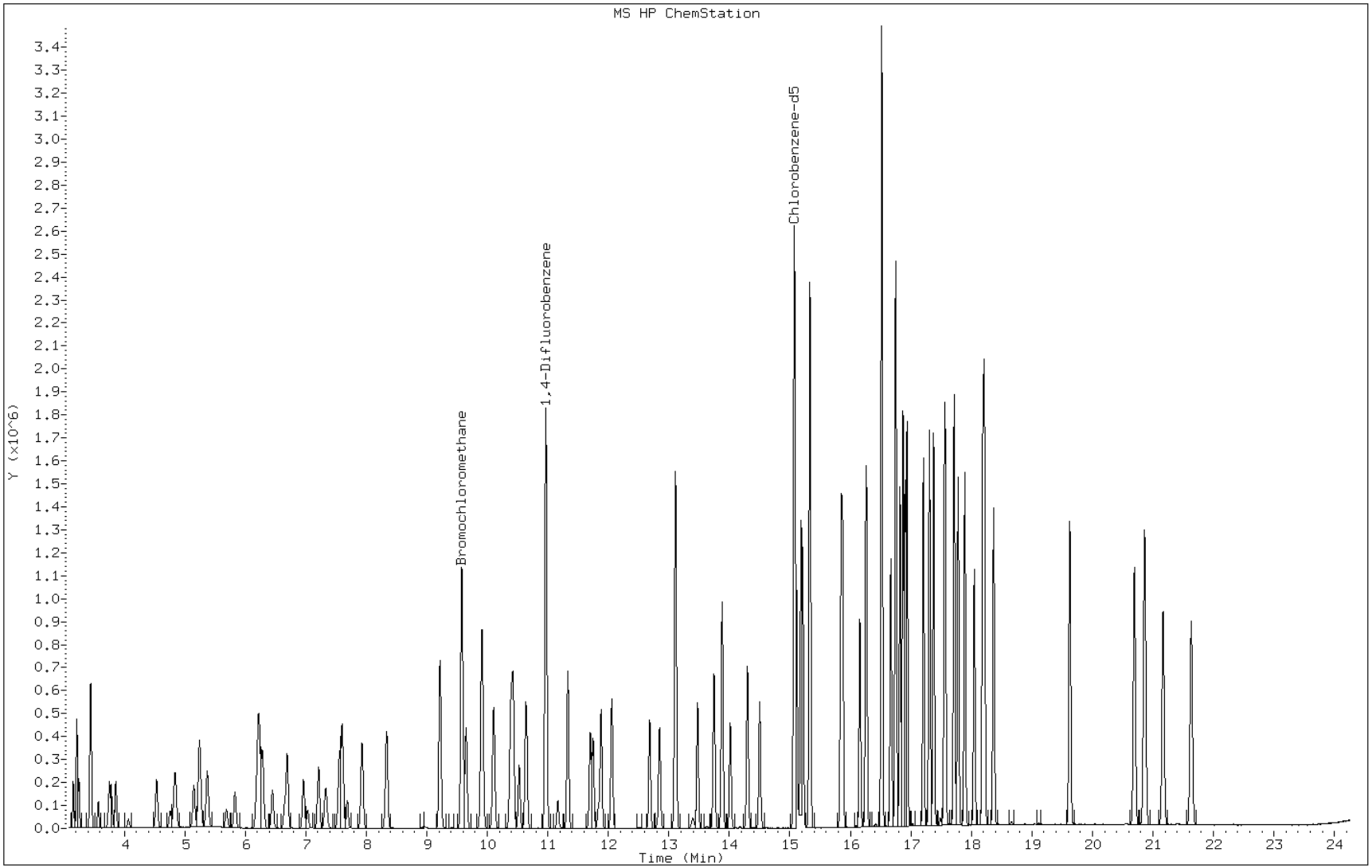
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	93199	5.00000	5.2
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	449305	5.00000	5.2
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	225924	5.00000	5.2
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	451038	5.00000	5.0
5 Chloromethane	50	3.568	3.574	(0.373)	125362	5.00000	5.0
6 Butane	43	3.755	3.756	(0.392)	208908	5.00000	5.1
7 Vinyl chloride	62	3.788	3.793	(0.396)	156412	5.00000	5.1
8 1,3-Butadiene	54	3.857	3.863	(0.403)	116049	5.00000	5.1
9 Bromomethane	94	4.537	4.542	(0.474)	190873	5.00000	5.1
10 Chloroethane	64	4.761	4.761	(0.497)	92006	5.00000	5.1
11 2-Methylbutane	43	4.841	4.842	(0.506)	164618	5.00000	4.7
12 Vinyl bromide	106	5.146	5.152	(0.537)	188654	5.00000	5.2
13 Trichlorofluoromethane	101	5.243	5.243	(0.547)	558680	5.00000	5.3
14 Pentane	43	5.371	5.377	(0.561)	243000	5.00000	5.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.692	5.687	(0.594)	126008	10.0000	11
	16 Ethyl ether	59	5.831	5.831	(0.609)	140699	5.00000	5.1
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	429027	5.00000	5.5
	18 Acrolein	56	6.179	6.179	(0.645)	69460	5.00000	5.2
	19 1,1-Dichloroethene	96	6.286	6.291	(0.656)	205584	5.00000	5.5
	20 Acetone	43	6.446	6.446	(0.673)	285510	5.00000	5.6
	21 Carbon disulfide	76	6.692	6.698	(0.699)	621139	5.00000	5.3
	22 Isopropanol	45	6.655	6.655	(0.695)	196767	5.00000	5.5
	23 Allyl chloride	41	6.960	6.965	(0.727)	184349	5.00000	5.0
	24 Acetonitrile	41	7.029	7.035	(0.734)	105825	5.00000	5.0
	25 Methylene chloride	49	7.211	7.211	(0.753)	180573	5.00000	5.1
	26 Tert-butyl alcohol	59	7.329	7.329	(0.765)	340240	5.00000	5.2
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	607370	5.00000	5.2
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	289673	5.00000	5.2
	29 Acrylonitrile	53	7.687	7.688	(0.803)	122626	5.00000	5.1
	30 n-Hexane	57	7.928	7.934	(0.828)	283332	5.00000	5.0
	31 1,1-Dichloroethane	63	8.329	8.335	(0.870)	348372	5.00000	5.1
	32 Vinyl acetate	43	8.345	8.346	(0.872)	386463	5.00000	5.2
M	33 1,2-Dichloroethene,Total	61				497532	10.0000	10
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	207859	5.00000	5.1
	35 Ethyl acetate	88	9.234	9.228	(0.964)	17771	5.00000	5.1
	36 Methyl Ethyl Ketone	72	9.217	9.218	(0.963)	98942	5.00000	5.1
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	399000	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	162083	5.00000	5.2
	39 Chloroform	83	9.651	9.651	(1.008)	460736	5.00000	5.1
	40 Cyclohexane	84	9.913	9.918	(0.904)	296756	5.00000	5.2
	41 1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	490864	5.00000	5.1
	42 Carbon tetrachloride	117	10.106	10.111	(0.921)	472798	5.00000	5.2
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	880114	5.00000	5.1
	44 Benzene	78	10.427	10.432	(0.951)	640901	5.00000	4.7
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	284839	5.00000	5.0
	46 n-Heptane	43	10.641	10.641	(0.970)	275589	5.00000	4.9
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	1994990	10.0000	
	48 n-Butanol	56	11.165	11.165	(1.018)	94103	5.00000	5.4
	49 Trichloroethene	95	11.331	11.331	(1.033)	302326	5.00000	5.2
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	209866	5.00000	5.0
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	211119	5.00000	5.1
	52 Dibromomethane	174	11.882	11.887	(1.083)	234050	5.00000	5.2
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	96061	5.00000	5.5
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	496396	5.00000	5.3
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.157)	370003	5.00000	5.1
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	359944	5.00000	5.2
	57 n-Octane	43	13.107	13.107	(1.195)	390618	5.00000	5.2
	58 Toluene	92	13.112	13.118	(0.870)	505256	5.00000	5.4
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.229)	406608	5.00000	5.1
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	246254	5.00000	5.4
	61 Tetrachloroethene	166	13.882	13.883	(0.921)	394409	5.00000	5.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.016	14.022	(0.930)	352517	5.00000	5.4
63	Dibromochloromethane	129	14.300	14.300	(0.949)	499510	5.00000	5.5
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	473570	5.00000	5.4
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	1898610	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.003)	693765	5.00000	5.2
67	n-Nonane	57	15.214	15.215	(1.010)	444562	5.00000	5.4
68	Ethylbenzene	91	15.182	15.188	(1.007)	1135825	5.00000	5.3
69	Xylene (m,p)	106	15.332	15.332	(1.017)	899381	10.0000	11
M 70	Xylenes, Total	106				1342570	5.00000	16
71	Xylene (o)	106	15.846	15.846	(1.051)	443189	5.00000	5.4
72	Styrene	104	15.873	15.873	(1.053)	679341	5.00000	5.6
73	Bromoform	173	16.156	16.162	(1.072)	472315	5.00000	5.6
74	Isopropylbenzene	105	16.263	16.263	(1.079)	1299865	5.00000	5.4
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	670000	5.00000	5.4
76	n-Propylbenzene	91	16.745	16.745	(1.111)	1582481	5.00000	5.5
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.112)	508896	5.00000	5.6
78	n-Decane	57	16.819	16.820	(1.116)	584013	5.00000	5.6
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	1371833	5.00000	5.4
80	2-Chlorotoluene	91	16.905	16.905	(1.122)	1256329	5.00000	5.4
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	1122158	5.00000	5.4
82	Alpha Methyl Styrene	118	17.205	17.205	(1.142)	564757	5.00000	5.6
83	tert-butylbenzene	119	17.306	17.306	(1.148)	1066540	5.00000	5.4
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	1153738	5.00000	5.4
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	1628888	5.00000	5.4
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	1368505	5.00000	5.5
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	773992	5.00000	5.3
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	779512	5.00000	5.3
89	Benzyl chloride	91	18.044	18.045	(1.197)	1032626	5.00000	5.5
90	Undecane	57	18.189	18.189	(1.207)	671743	5.00000	5.9
91	n-Butylbenzene	91	18.216	18.216	(1.209)	1297570	5.00000	5.5
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	738881	5.00000	5.3
93	Dodecane	57	19.628	19.628	(1.302)	657120	5.00000	5.9
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	577465	5.00000	5.3
95	1,3-Hexachlorobutadiene	225	20.864	20.869	(1.384)	426763	5.00000	5.5
96	Naphthalene	128	21.169	21.169	(1.405)	1314045	5.00000	5.2
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.436)	505869	5.00000	5.3

Data File:	fdt005.d	Date:	12-AUG-2010 21:09
Client ID:		Instrument:	F.i
Operator:	sv	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 29125		
Lab Sample ID:	ic 29125		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt006.d
Lab Smp Id: icis 36532
Inj Date : 12-AUG-2010 22:01
Operator : sv Inst ID: F.i
Smp Info : icis 36532
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 22:01 Cal File: fdt006.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

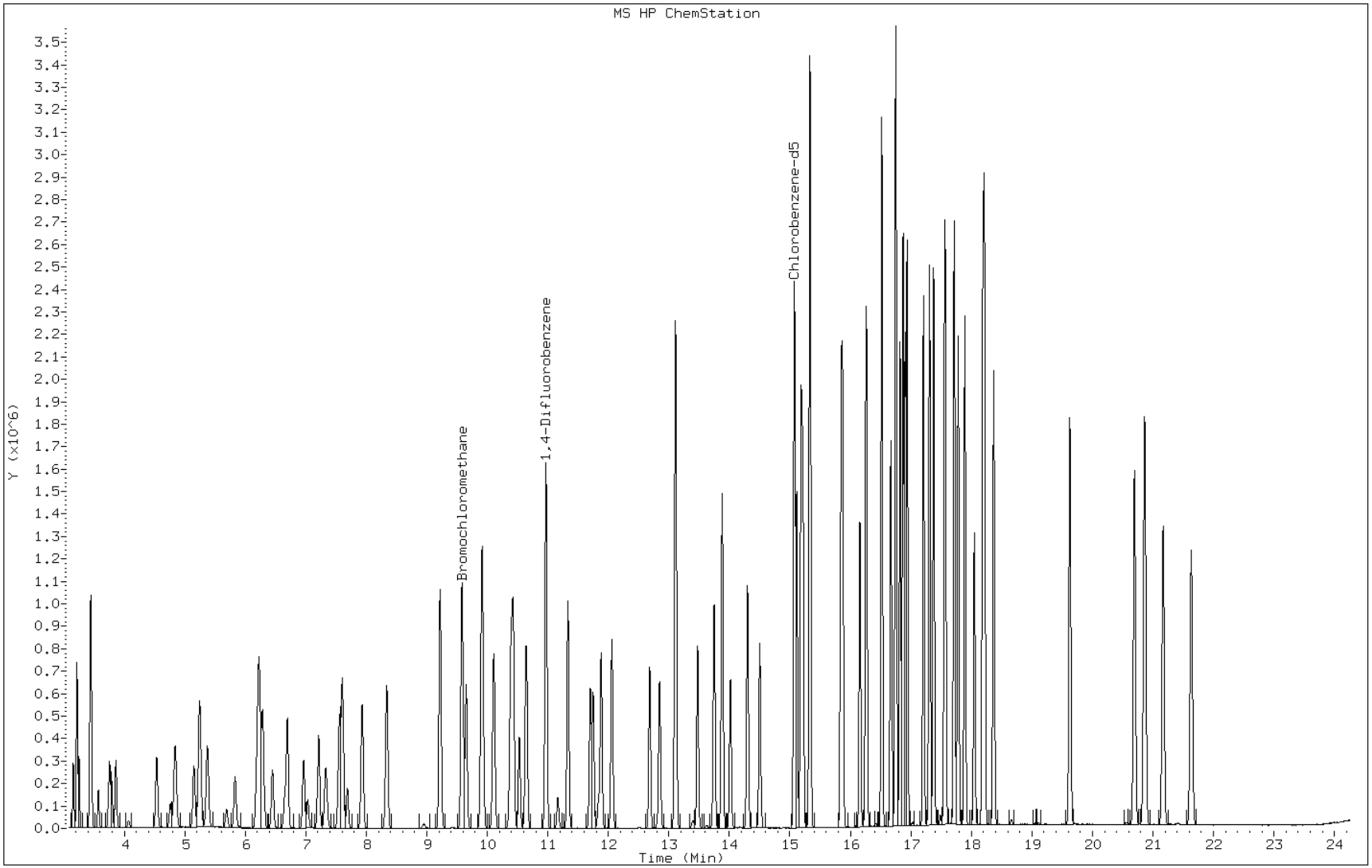
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.329)	130233	10.0000	8.2
2 Dichlorodifluoromethane	85	3.221	3.221	(0.336)	686159	10.0000	9.0
3 Chlorodifluoromethane	51	3.253	3.253	(0.339)	326895	10.0000	8.5
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	730648	10.0000	9.2
5 Chloromethane	50	3.574	3.574	(0.373)	184903	10.0000	8.4
6 Butane	43	3.756	3.756	(0.392)	308084	10.0000	8.4
7 Vinyl chloride	62	3.793	3.793	(0.396)	231395	10.0000	8.4
8 1,3-Butadiene	54	3.863	3.863	(0.403)	171134	10.0000	8.4
9 Bromomethane	94	4.542	4.542	(0.474)	286763	10.0000	8.6
10 Chloroethane	64	4.761	4.761	(0.497)	138749	10.0000	8.6
11 2-Methylbutane	43	4.842	4.842	(0.505)	251960	10.0000	8.0
12 Vinyl bromide	106	5.152	5.152	(0.538)	288492	10.0000	8.9
13 Trichlorofluoromethane	101	5.243	5.243	(0.547)	846055	10.0000	9.0
14 Pentane	43	5.377	5.377	(0.561)	367271	10.0000	8.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	129759	15.0000	12
	16 Ethyl ether	59	5.831	5.831	(0.609)	208060	10.0000	8.5
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	645360	10.0000	9.3
	18 Acrolein	56	6.179	6.179	(0.645)	102405	10.0000	8.6
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	312821	10.0000	9.4
	20 Acetone	43	6.446	6.446	(0.673)	451612	10.0000	10
	21 Carbon disulfide	76	6.698	6.698	(0.699)	938313	10.0000	9.0
	22 Isopropanol	45	6.655	6.655	(0.695)	270993	10.0000	8.4
	23 Allyl chloride	41	6.965	6.965	(0.727)	264611	10.0000	8.0
	24 Acetonitrile	41	7.035	7.035	(0.734)	178146	10.0000	9.4
	25 Methylene chloride	49	7.211	7.211	(0.753)	273063	10.0000	8.6
	26 Tert-butyl alcohol	59	7.329	7.329	(0.765)	531631	10.0000	9.1
	27 Methyl tert-butyl ether	73	7.565	7.565	(0.790)	930463	10.0000	8.9
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	434015	10.0000	8.7
	29 Acrylonitrile	53	7.688	7.688	(0.802)	183863	10.0000	8.6
	30 n-Hexane	57	7.934	7.934	(0.828)	426341	10.0000	8.5
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	515671	10.0000	8.5
	32 Vinyl acetate	43	8.346	8.346	(0.871)	580787	10.0000	8.7
M	33 1,2-Dichloroethene,Total	61				737323	20.0000	17
	34 1,2-Dichloroethene (cis)	96	9.218	9.218	(0.962)	303308	10.0000	8.3
	35 Ethyl acetate	88	9.228	9.228	(0.963)	26876	10.0000	8.7
	36 Methyl Ethyl Ketone	72	9.218	9.218	(0.962)	145513	10.0000	8.5
*	37 Bromochloromethane	128	9.581	9.581	(1.000)	355666	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	235374	10.0000	8.6
	39 Chloroform	83	9.651	9.651	(1.007)	678214	10.0000	8.5
	40 Cyclohexane	84	9.918	9.918	(0.904)	428886	10.0000	8.4
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.902)	707243	10.0000	8.3
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	704541	10.0000	8.7
	43 2,2,4-Trimethylpentane	57	10.395	10.395	(0.947)	1314795	10.0000	8.5
	44 Benzene	78	10.432	10.432	(0.951)	971392	10.0000	8.1
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	433822	10.0000	8.5
	46 n-Heptane	43	10.641	10.641	(0.970)	413095	10.0000	8.3
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	1768833	10.0000	
	48 n-Butanol	56	11.165	11.165	(1.018)	110816	10.0000	7.2
	49 Trichloroethene	95	11.331	11.331	(1.033)	442437	10.0000	8.5
	50 1,2-Dichloropropane	63	11.700	11.700	(1.066)	317728	10.0000	8.5
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	324112	10.0000	8.8
	52 Dibromomethane	174	11.887	11.887	(1.083)	370375	10.0000	9.3
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	132594	10.0000	8.6
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	749860	10.0000	9.0
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	561865	10.0000	8.7
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.170)	533646	10.0000	8.7
	57 n-Octane	43	13.107	13.107	(1.195)	568744	10.0000	8.6
	58 Toluene	92	13.118	13.118	(0.870)	750256	10.0000	8.6
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	606220	10.0000	8.6
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	366210	10.0000	8.6
	61 Tetrachloroethene	166	13.883	13.883	(0.921)	604518	10.0000	8.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.022	14.022	(0.930)	521564	10.0000	8.7
63	Dibromochloromethane	129	14.300	14.300	(0.949)	764250	10.0000	9.0
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	716477	10.0000	8.9
* 65	Chlorobenzene-d5	117	15.076	15.076	(1.000)	1758871	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	1024785	10.0000	8.3
67	n-Nonane	57	15.215	15.215	(1.009)	657475	10.0000	8.6
68	Ethylbenzene	91	15.188	15.188	(1.007)	1688001	10.0000	8.6
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1312821	20.0000	17
M 70	Xylenes, Total	106				1970600	10.0000	26
71	Xylene (o)	106	15.846	15.846	(1.051)	657779	10.0000	8.6
72	Styrene	104	15.873	15.873	(1.053)	1020632	10.0000	9.0
73	Bromoform	173	16.162	16.162	(1.072)	722812	10.0000	9.2
74	Isopropylbenzene	105	16.263	16.263	(1.079)	1929587	10.0000	8.6
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	995514	10.0000	8.6
76	n-Propylbenzene	91	16.745	16.745	(1.111)	2303380	10.0000	8.7
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	745594	10.0000	8.8
78	n-Decane	57	16.820	16.820	(1.116)	859183	10.0000	8.8
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	2015005	10.0000	8.6
80	2-Chlorotoluene	91	16.905	16.905	(1.121)	1842706	10.0000	8.6
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.123)	1660091	10.0000	8.6
82	Alpha Methyl Styrene	118	17.205	17.205	(1.141)	845778	10.0000	9.1
83	tert-butylbenzene	119	17.306	17.306	(1.148)	1564975	10.0000	8.5
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	1687211	10.0000	8.6
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	2381698	10.0000	8.6
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	1998109	10.0000	8.6
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	1129842	10.0000	8.4
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	1148480	10.0000	8.4
89	Benzyl chloride	91	18.045	18.045	(1.197)	1215064	10.0000	7.0
90	Undecane	57	18.189	18.189	(1.207)	976561	10.0000	9.3
91	n-Butylbenzene	91	18.216	18.216	(1.208)	1879894	10.0000	8.6
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	1092811	10.0000	8.5
93	Dodecane	57	19.628	19.628	(1.302)	900946	10.0000	8.7
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	813934	10.0000	8.1
95	1,3-Hexachlorobutadiene	225	20.869	20.869	(1.384)	611962	10.0000	8.5
96	Naphthalene	128	21.169	21.169	(1.404)	1896810	10.0000	8.1
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	706457	10.0000	8.0

Data File: fdt006.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 36532
Lab Sample ID: icis 36532

Date: 12-AUG-2010 22:01
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt007.d
Lab Smp Id: ic 29121
Inj Date : 12-AUG-2010 22:51
Operator : sv Inst ID: F.i
Smp Info : ic 29121
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 22:51 Cal File: fdt007.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

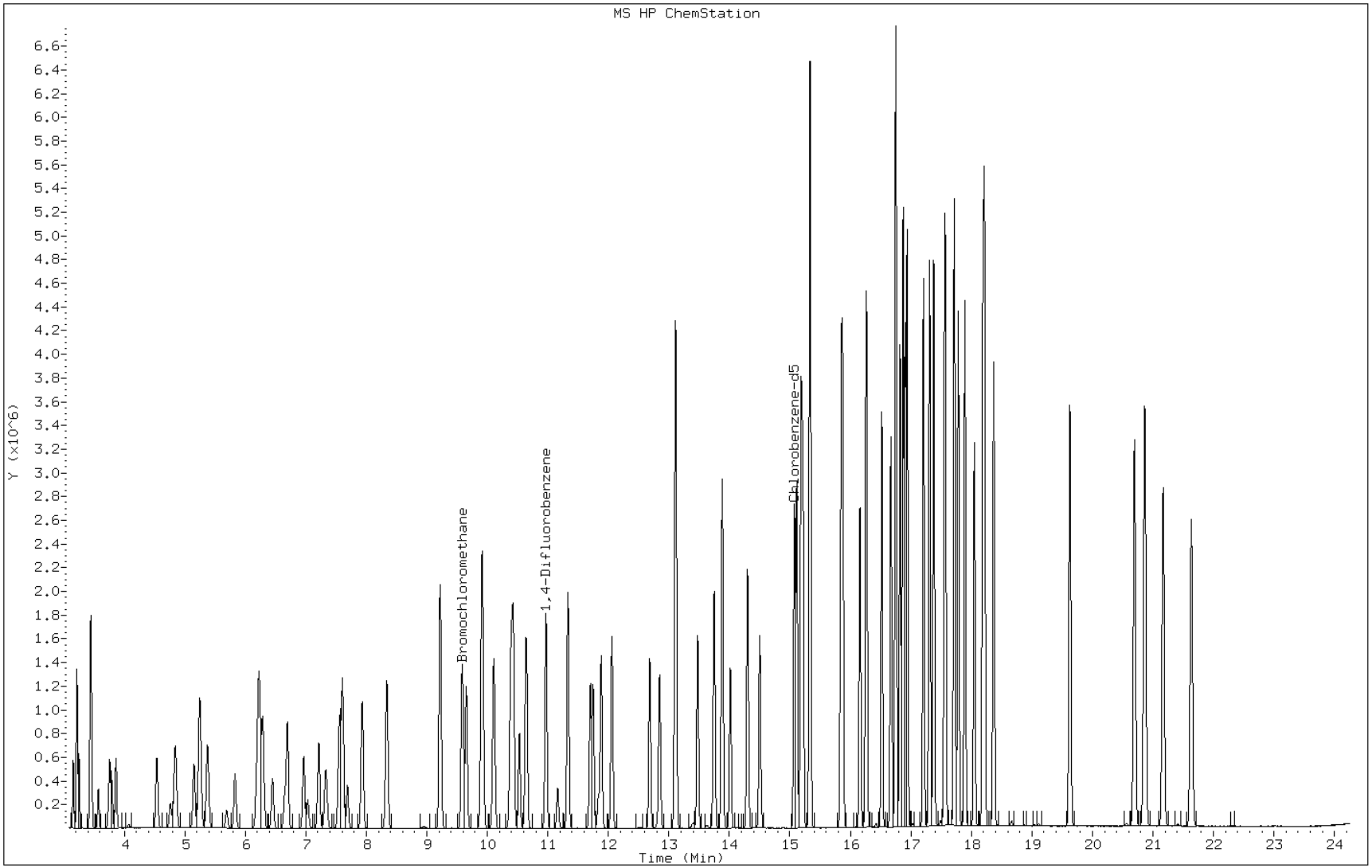
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	263399	15.0000	16
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	1245934	15.0000	15
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	637254	15.0000	16
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	1294534	15.0000	15
5 Chloromethane	50	3.574	3.574	(0.373)	356488	15.0000	15
6 Butane	43	3.755	3.756	(0.392)	605743	15.0000	16
7 Vinyl chloride	62	3.793	3.793	(0.396)	454136	15.0000	16
8 1,3-Butadiene	54	3.862	3.863	(0.403)	339501	15.0000	16
9 Bromomethane	94	4.536	4.542	(0.474)	550286	15.0000	16
10 Chloroethane	64	4.761	4.761	(0.497)	271628	15.0000	16
11 2-Methylbutane	43	4.841	4.842	(0.506)	483871	15.0000	15
12 Vinyl bromide	106	5.152	5.152	(0.538)	566885	15.0000	17
13 Trichlorofluoromethane	101	5.248	5.243	(0.548)	1650375	15.0000	17
14 Pentane	43	5.376	5.377	(0.561)	709035	15.0000	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.692	5.687	(0.594)	235551	20.0000	21
	16 Ethyl ether	59	5.831	5.831	(0.609)	416687	15.0000	16
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	1138152	15.0000	15
	18 Acrolein	56	6.179	6.179	(0.645)	208023	15.0000	16
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	556800	15.0000	16
	20 Acetone	43	6.446	6.446	(0.673)	720188	15.0000	15
	21 Carbon disulfide	76	6.698	6.698	(0.699)	1729069	15.0000	16
	22 Isopropanol	45	6.655	6.655	(0.695)	552129	15.0000	16
	23 Allyl chloride	41	6.965	6.965	(0.727)	541281	15.0000	15
	24 Acetonitrile	41	7.035	7.035	(0.735)	324890	15.0000	16
	25 Methylene chloride	49	7.217	7.211	(0.754)	503375	15.0000	15
	26 Tert-butyl alcohol	59	7.329	7.329	(0.765)	998363	15.0000	16
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	1780638	15.0000	16
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	832417	15.0000	16
	29 Acrylonitrile	53	7.687	7.688	(0.803)	369953	15.0000	16
	30 n-Hexane	57	7.934	7.934	(0.828)	832401	15.0000	16
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	1000035	15.0000	16
	32 Vinyl acetate	43	8.345	8.346	(0.872)	1157537	15.0000	16
M	33 1,2-Dichloroethene,Total	61				1444047	30.0000	32
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	611630	15.0000	16
	35 Ethyl acetate	88	9.228	9.228	(0.964)	54916	15.0000	17
	36 Methyl Ethyl Ketone	72	9.217	9.218	(0.963)	286292	15.0000	16
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	377246	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	474014	15.0000	15
	39 Chloroform	83	9.656	9.651	(1.008)	1284546	15.0000	15
	40 Cyclohexane	84	9.918	9.918	(0.904)	802828	15.0000	14
	41 1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	1334124	15.0000	14
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	1293183	15.0000	14
	43 2,2,4-Trimethylpentane	57	10.394	10.395	(0.947)	2506983	15.0000	15
	44 Benzene	78	10.432	10.432	(0.951)	1770758	15.0000	13
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	846642	15.0000	15
	46 n-Heptane	43	10.640	10.641	(0.970)	813139	15.0000	15
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	1983803	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.017)	278735	15.0000	16
	49 Trichloroethene	95	11.331	11.331	(1.033)	893403	15.0000	15
	50 1,2-Dichloropropane	63	11.705	11.700	(1.067)	614824	15.0000	15
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	659877	15.0000	16
	52 Dibromomethane	174	11.887	11.887	(1.083)	694904	15.0000	16
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	275604	15.0000	16
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	1448842	15.0000	16
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	1139771	15.0000	16
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	1057410	15.0000	15
	57 n-Octane	43	13.107	13.107	(1.195)	1088645	15.0000	15
	58 Toluene	92	13.117	13.118	(0.870)	1451766	15.0000	15
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	1237833	15.0000	16
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	734102	15.0000	15
	61 Tetrachloroethene	166	13.882	13.883	(0.921)	1220342	15.0000	16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.016	14.022	(0.930)	1050692	15.0000	16
63	Dibromochloromethane	129	14.300	14.300	(0.949)	1580569	15.0000	17
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	1435859	15.0000	16
* 65	Chlorobenzene-d5	117	15.075	15.076	(1.000)	1957784	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	2045962	15.0000	15
67	n-Nonane	57	15.214	15.215	(1.009)	1265610	15.0000	15
68	Ethylbenzene	91	15.188	15.188	(1.007)	3311740	15.0000	15
69	Xylene (m,p)	106	15.338	15.332	(1.017)	2550275	30.0000	30
M 70	Xylenes, Total	106				3840339	15.0000	45
71	Xylene (o)	106	15.851	15.846	(1.051)	1290064	15.0000	15
72	Styrene	104	15.873	15.873	(1.053)	2039885	15.0000	16
73	Bromoform	173	16.161	16.162	(1.072)	1480522	15.0000	17
74	Isopropylbenzene	105	16.263	16.263	(1.079)	3813649	15.0000	15
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1922667	15.0000	15
76	n-Propylbenzene	91	16.744	16.745	(1.111)	4403541	15.0000	15
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	1413257	15.0000	15
78	n-Decane	57	16.819	16.820	(1.116)	1640469	15.0000	15
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	3951137	15.0000	15
80	2-Chlorotoluene	91	16.905	16.905	(1.121)	3599759	15.0000	15
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.123)	3265378	15.0000	15
82	Alpha Methyl Styrene	118	17.205	17.205	(1.141)	1719956	15.0000	17
83	tert-butylbenzene	119	17.312	17.306	(1.148)	3087735	15.0000	15
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	3333273	15.0000	15
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	4640395	15.0000	15
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	3936597	15.0000	15
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	2259850	15.0000	15
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	2290373	15.0000	15
89	Benzyl chloride	91	18.044	18.045	(1.197)	3085949	15.0000	16
90	Undecane	57	18.189	18.189	(1.207)	1823989	15.0000	16
91	n-Butylbenzene	91	18.216	18.216	(1.208)	3641732	15.0000	15
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	2155117	15.0000	15
93	Dodecane	57	19.628	19.628	(1.302)	1812394	15.0000	16
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	1736727	15.0000	16
95	1,3-Hexachlorobutadiene	225	20.869	20.869	(1.384)	1210907	15.0000	15
96	Naphthalene	128	21.169	21.169	(1.404)	4099550	15.0000	16
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	1501883	15.0000	15

Data File:	fdt007.d	Date:	12-AUG-2010 22:51
Client ID:		Instrument:	F.i
Operator:	sv	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 29121		
Lab Sample ID:	ic 29121		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt008.d
Lab Smp Id: ic 29120
Inj Date : 12-AUG-2010 23:42
Operator : sv Inst ID: F.i
Smp Info : ic 29120
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 23:42 Cal File: fdt008.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

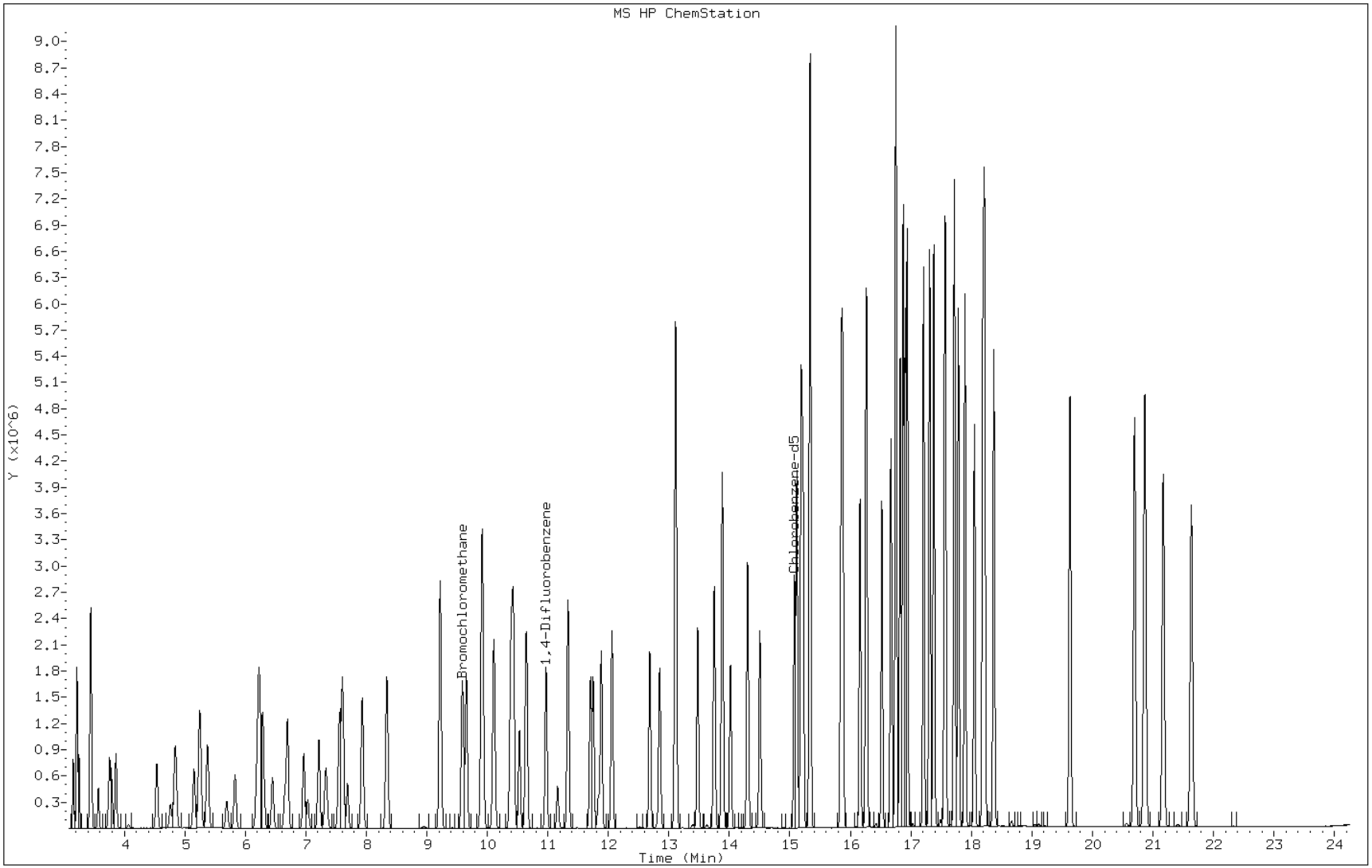
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.329)	360964	20.0000	19
2 Dichlorodifluoromethane	85	3.221	3.221	(0.336)	1758661	20.0000	20
3 Chlorodifluoromethane	51	3.253	3.253	(0.339)	878992	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	1795746	20.0000	19
5 Chloromethane	50	3.574	3.574	(0.373)	498665	20.0000	19
6 Butane	43	3.756	3.756	(0.392)	848772	20.0000	20
7 Vinyl chloride	62	3.793	3.793	(0.396)	648166	20.0000	20
8 1,3-Butadiene	54	3.863	3.863	(0.403)	489767	20.0000	21
9 Bromomethane	94	4.542	4.542	(0.474)	681862	20.0000	17
10 Chloroethane	64	4.761	4.761	(0.497)	356735	20.0000	19
11 2-Methylbutane	43	4.842	4.842	(0.505)	679105	20.0000	18
12 Vinyl bromide	106	5.152	5.152	(0.538)	694632	20.0000	18
13 Trichlorofluoromethane	101	5.248	5.243	(0.548)	1996944	20.0000	18
14 Pentane	43	5.377	5.377	(0.561)	983418	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.692	5.687	(0.594)	496291	40.0000	40
	16 Ethyl ether	59	5.831	5.831	(0.609)	573344	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	1585020	20.0000	19
	18 Acrolein	56	6.179	6.179	(0.645)	285626	20.0000	20
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	783040	20.0000	20
	20 Acetone	43	6.446	6.446	(0.673)	1004123	20.0000	19
	21 Carbon disulfide	76	6.698	6.698	(0.699)	2431409	20.0000	20
	22 Isopropanol	45	6.655	6.655	(0.695)	777670	20.0000	21
	23 Allyl chloride	41	6.965	6.965	(0.727)	781762	20.0000	20
	24 Acetonitrile	41	7.035	7.035	(0.734)	435979	20.0000	20
	25 Methylene chloride	49	7.211	7.211	(0.753)	706463	20.0000	19
	26 Tert-butyl alcohol	59	7.335	7.329	(0.765)	1396711	20.0000	20
	27 Methyl tert-butyl ether	73	7.565	7.565	(0.790)	2500222	20.0000	20
	28 1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	1161704	20.0000	20
	29 Acrylonitrile	53	7.688	7.688	(0.802)	517779	20.0000	21
	30 n-Hexane	57	7.934	7.934	(0.828)	1169828	20.0000	20
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	1390676	20.0000	20
	32 Vinyl acetate	43	8.351	8.346	(0.872)	1625947	20.0000	21
M	33 1,2-Dichloroethene,Total	61				1993190	40.0000	39
	34 1,2-Dichloroethene (cis)	96	9.218	9.218	(0.962)	831486	20.0000	19
	35 Ethyl acetate	88	9.234	9.228	(0.964)	74300	20.0000	20
	36 Methyl Ethyl Ketone	72	9.218	9.218	(0.962)	390122	20.0000	19
*	37 Bromochloromethane	128	9.581	9.581	(1.000)	418024	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	665246	20.0000	21
	39 Chloroform	83	9.656	9.651	(1.008)	1896398	20.0000	20
	40 Cyclohexane	84	9.918	9.918	(0.904)	1190460	20.0000	21
	41 1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	2021786	20.0000	21
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	1986385	20.0000	22
	43 2,2,4-Trimethylpentane	57	10.395	10.395	(0.947)	3614693	20.0000	21
	44 Benzene	78	10.432	10.432	(0.951)	2647749	20.0000	19
	45 1,2-Dichloroethane	62	10.534	10.528	(0.960)	1191849	20.0000	21
	46 n-Heptane	43	10.641	10.641	(0.970)	1140221	20.0000	20
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	2009526	10.0000	
	48 n-Butanol	56	11.160	11.165	(1.017)	393909	20.0000	23
	49 Trichloroethene	95	11.331	11.331	(1.033)	1193155	20.0000	20
	50 1,2-Dichloropropane	63	11.705	11.700	(1.067)	873065	20.0000	21
	51 Methyl methacrylate	69	11.748	11.748	(1.071)	940883	20.0000	22
	52 Dibromomethane	174	11.887	11.887	(1.083)	972396	20.0000	22
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	372488	20.0000	21
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	2042067	20.0000	22
	55 1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	1616257	20.0000	22
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	1503359	20.0000	22
	57 n-Octane	43	13.107	13.107	(1.195)	1481302	20.0000	20
	58 Toluene	92	13.118	13.118	(0.870)	2015037	20.0000	20
	59 1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	1750759	20.0000	22
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	1022504	20.0000	20
	61 Tetrachloroethene	166	13.883	13.883	(0.921)	1718911	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.022	14.022	(0.930)	1479630	20.0000	21
63	Dibromochloromethane	129	14.305	14.300	(0.949)	2247027	20.0000	22
64	1,2-Dibromoethane	107	14.508	14.503	(0.962)	2021668	20.0000	21
* 65	Chlorobenzene-d5	117	15.076	15.076	(1.000)	2081084	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	2885182	20.0000	20
67	n-Nonane	57	15.215	15.215	(1.009)	1742656	20.0000	19
68	Ethylbenzene	91	15.188	15.188	(1.007)	4594806	20.0000	20
69	Xylene (m,p)	106	15.338	15.332	(1.017)	3511754	40.0000	39
M 70	Xylenes, Total	106				5295017	20.0000	59
71	Xylene (o)	106	15.851	15.846	(1.051)	1783263	20.0000	20
72	Styrene	104	15.873	15.873	(1.053)	2853483	20.0000	21
73	Bromoform	173	16.162	16.162	(1.072)	2083607	20.0000	22
74	Isopropylbenzene	105	16.263	16.263	(1.079)	5311630	20.0000	20
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	2663489	20.0000	20
76	n-Propylbenzene	91	16.745	16.745	(1.111)	6034678	20.0000	19
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	1925944	20.0000	19
78	n-Decane	57	16.820	16.820	(1.116)	2245117	20.0000	19
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	5460505	20.0000	20
80	2-Chlorotoluene	91	16.910	16.905	(1.122)	4995696	20.0000	20
81	1,3,5-Trimethylbenzene	105	16.943	16.937	(1.124)	4557146	20.0000	20
82	Alpha Methyl Styrene	118	17.210	17.205	(1.142)	2423528	20.0000	22
83	tert-butylbenzene	119	17.312	17.306	(1.148)	4315093	20.0000	20
84	1,2,4-Trimethylbenzene	105	17.381	17.376	(1.153)	4651410	20.0000	20
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	6426523	20.0000	20
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	5508429	20.0000	20
87	1,3-Dichlorobenzene	146	17.788	17.782	(1.180)	3172210	20.0000	20
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	3211907	20.0000	20
89	Benzyl chloride	91	18.050	18.045	(1.197)	4380473	20.0000	21
90	Undecane	57	18.189	18.189	(1.207)	2490268	20.0000	20
91	n-Butylbenzene	91	18.216	18.216	(1.208)	4992601	20.0000	19
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	3033214	20.0000	20
93	Dodecane	57	19.633	19.628	(1.302)	2556862	20.0000	21
94	1,2,4-Trichlorobenzene	180	20.698	20.693	(1.373)	2498978	20.0000	21
95	1,3-Hexachlorobutadiene	225	20.864	20.869	(1.384)	1731634	20.0000	20
96	Naphthalene	128	21.169	21.169	(1.404)	5883111	20.0000	21
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	2185863	20.0000	21

Data File: fdt008.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 29120
Lab Sample ID: ic 29120

Date: 12-AUG-2010 23:42
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt009.d
Lab Smp Id: ic 29118
Inj Date : 13-AUG-2010 00:33
Operator : sv Inst ID: F.i
Smp Info : ic 29118
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 13-AUG-2010 00:33 Cal File: fdt009.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.329)	690969	40.0000	38
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	3130752	40.0000	36
3 Chlorodifluoromethane	51	3.252	3.253	(0.339)	1640963	40.0000	37
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	3334231	40.0000	37
5 Chloromethane	50	3.573	3.574	(0.373)	927591	40.0000	37
6 Butane	43	3.755	3.756	(0.392)	1593359	40.0000	38
7 Vinyl chloride	62	3.793	3.793	(0.396)	1221268	40.0000	39
8 1,3-Butadiene	54	3.862	3.863	(0.403)	927445	40.0000	40
9 Bromomethane	94	4.542	4.542	(0.474)	1312326	40.0000	35
10 Chloroethane	64	4.766	4.761	(0.497)	675867	40.0000	37
11 2-Methylbutane	43	4.847	4.842	(0.506)	1297891	40.0000	36
12 Vinyl bromide	106	5.152	5.152	(0.538)	1294451	40.0000	35
13 Trichlorofluoromethane	101	5.253	5.243	(0.548)	3790397	40.0000	35
14 Pentane	43	5.382	5.377	(0.562)	1869838	40.0000	39

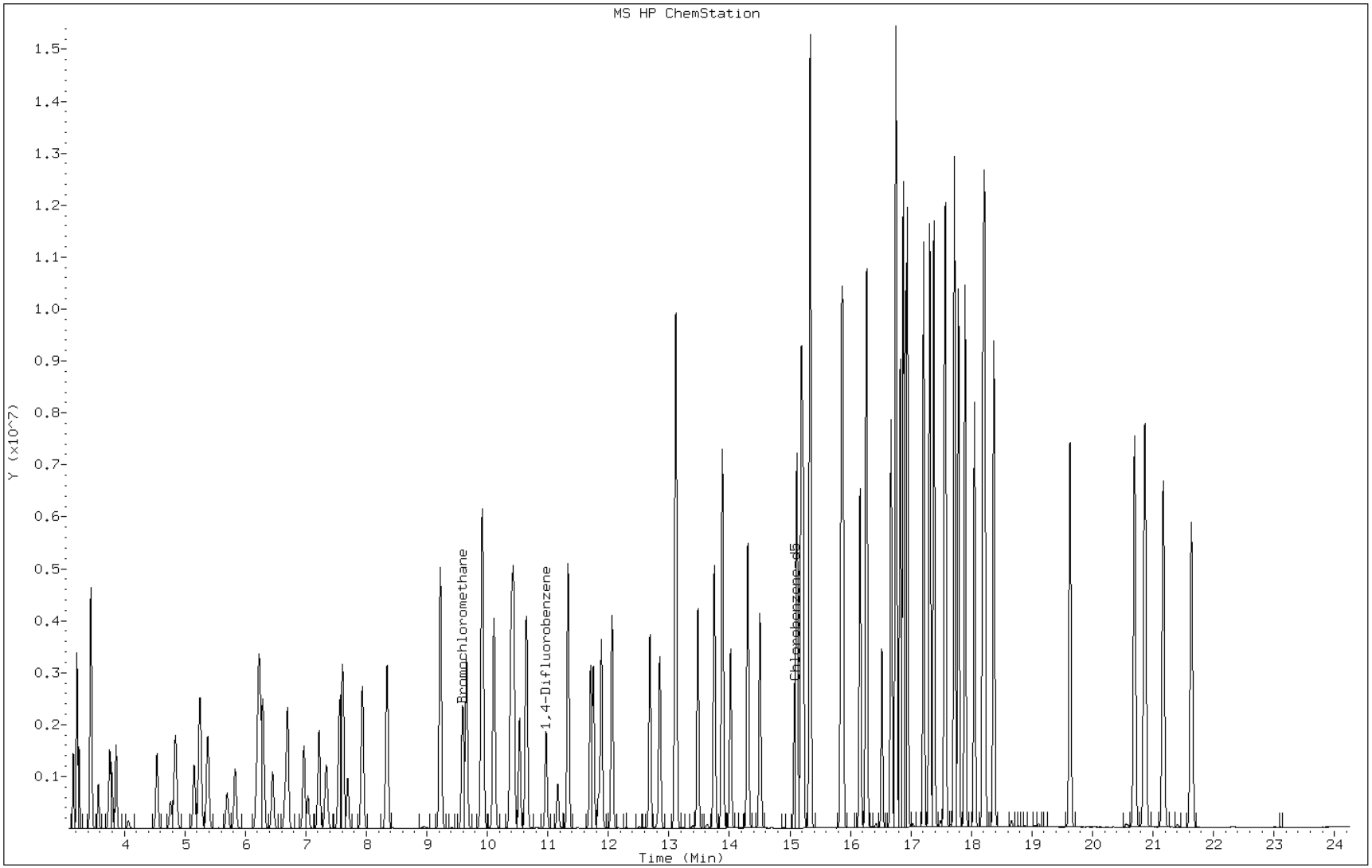
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.703	5.687	(0.595)	1143759	100.000	94
	16 Ethyl ether	59	5.836	5.831	(0.609)	1096974	40.0000	39
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	2907332	40.0000	36
	18 Acrolein	56	6.179	6.179	(0.645)	541448	40.0000	40
	19 1,1-Dichloroethene	96	6.291	6.291	(0.657)	1450310	40.0000	38
	20 Acetone	43	6.452	6.446	(0.673)	1929616	40.0000	37
	21 Carbon disulfide	76	6.703	6.698	(0.700)	4495386	40.0000	38
	22 Isopropanol	45	6.666	6.655	(0.696)	1414778	40.0000	38
	23 Allyl chloride	41	6.971	6.965	(0.728)	1478001	40.0000	39
	24 Acetonitrile	41	7.035	7.035	(0.734)	852623	40.0000	40
	25 Methylene chloride	49	7.217	7.211	(0.753)	1334976	40.0000	37
	26 Tert-butyl alcohol	59	7.340	7.329	(0.766)	2534136	40.0000	38
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	4723943	40.0000	39
	28 1,2-Dichloroethene (trans)	61	7.612	7.607	(0.795)	2153478	40.0000	38
	29 Acrylonitrile	53	7.693	7.688	(0.803)	995916	40.0000	41(A)
	30 n-Hexane	57	7.933	7.934	(0.828)	2190891	40.0000	38
	31 1,1-Dichloroethane	63	8.335	8.335	(0.870)	2608155	40.0000	38
	32 Vinyl acetate	43	8.351	8.346	(0.872)	2994179	40.0000	39
M	33 1,2-Dichloroethene,Total	61				3718842	80.0000	75
	34 1,2-Dichloroethene (cis)	96	9.217	9.218	(0.962)	1565364	40.0000	38
	35 Ethyl acetate	88	9.239	9.228	(0.964)	138437	40.0000	39
	36 Methyl Ethyl Ketone	72	9.223	9.218	(0.963)	727910	40.0000	37(Q)
*	37 Bromochloromethane	128	9.581	9.581	(1.000)	406918	10.0000	
	38 Tetrahydrofuran	42	9.603	9.597	(0.875)	1266734	40.0000	40
	39 Chloroform	83	9.656	9.651	(1.008)	3588443	40.0000	39
	40 Cyclohexane	84	9.924	9.918	(0.904)	2165376	40.0000	37
	41 1,1,1-Trichloroethane	97	9.913	9.902	(0.903)	3772278	40.0000	38
	42 Carbon tetrachloride	117	10.111	10.111	(0.922)	3774556	40.0000	40
	43 2,2,4-Trimethylpentane	57	10.394	10.395	(0.947)	6664368	40.0000	37
	44 Benzene	78	10.437	10.432	(0.951)	4955537	40.0000	36
	45 1,2-Dichloroethane	62	10.533	10.528	(0.960)	2284024	40.0000	39
	46 n-Heptane	43	10.646	10.641	(0.970)	2087124	40.0000	36
*	47 1,4-Difluorobenzene	114	10.972	10.972	(1.000)	2057023	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.017)	703957	40.0000	39
	49 Trichloroethene	95	11.336	11.331	(1.033)	2308084	40.0000	38
	50 1,2-Dichloropropane	63	11.705	11.700	(1.067)	1583414	40.0000	36
	51 Methyl methacrylate	69	11.753	11.748	(1.071)	1749617	40.0000	41(A)
	52 Dibromomethane	174	11.887	11.887	(1.083)	1738559	40.0000	38
	53 1,4-Dioxane	88	11.839	11.839	(1.079)	657989	40.0000	37
	54 Bromodichloromethane	83	12.058	12.058	(1.099)	3782146	40.0000	39
	55 1,3-Dichloropropene (cis)	75	12.689	12.684	(1.157)	3047569	40.0000	41(A)
	56 Methyl isobutyl ketone	43	12.845	12.839	(1.171)	2781773	40.0000	39
	57 n-Octane	43	13.107	13.107	(1.195)	2580741	40.0000	34
	58 Toluene	92	13.117	13.118	(0.870)	3603751	40.0000	37
	59 1,3-Dichloropropene (trans)	75	13.481	13.476	(1.229)	3311498	40.0000	40(A)
	60 1,1,2-Trichloroethane	83	13.749	13.749	(0.912)	1886841	40.0000	40
	61 Tetrachloroethene	166	13.888	13.883	(0.921)	3136962	40.0000	40(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.021	14.022	(0.930)	2722830	40.0000	40(A)
63	Dibromochloromethane	129	14.305	14.300	(0.949)	4181013	40.0000	44(A)
64	1,2-Dibromoethane	107	14.508	14.503	(0.962)	3713113	40.0000	41(A)
* 65	Chlorobenzene-d5	117	15.075	15.076	(1.000)	1967753	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	5295215	40.0000	38
67	n-Nonane	57	15.220	15.215	(1.010)	3027939	40.0000	36
68	Ethylbenzene	91	15.188	15.188	(1.007)	8245881	40.0000	37
69	Xylene (m,p)	106	15.337	15.332	(1.017)	6285470	80.0000	73
M 70	Xylenes, Total	106				9489870	40.0000	110
71	Xylene (o)	106	15.851	15.846	(1.051)	3204400	40.0000	38
72	Styrene	104	15.878	15.873	(1.053)	5147147	40.0000	41(A)
73	Bromoform	173	16.161	16.162	(1.072)	3723367	40.0000	42(A)
74	Isopropylbenzene	105	16.268	16.263	(1.079)	9540094	40.0000	38
75	1,1,2,2-Tetrachloroethane	83	16.675	16.670	(1.106)	4684738	40.0000	36
76	n-Propylbenzene	91	16.750	16.745	(1.111)	10328543	40.0000	35
77	1,2,3-Trichloropropane	75	16.761	16.755	(1.112)	3301757	40.0000	35
78	n-Decane	57	16.825	16.820	(1.116)	3834983	40.0000	35
79	4-Ethyltoluene	105	16.873	16.873	(1.119)	9630978	40.0000	37
80	2-Chlorotoluene	91	16.910	16.905	(1.122)	8803133	40.0000	37
81	1,3,5-Trimethylbenzene	105	16.942	16.937	(1.124)	8100457	40.0000	38
82	Alpha Methyl Styrene	118	17.210	17.205	(1.142)	4346138	40.0000	42(A)
83	tert-butylbenzene	119	17.312	17.306	(1.148)	7742010	40.0000	38
84	1,2,4-Trimethylbenzene	105	17.381	17.376	(1.153)	8283967	40.0000	38
85	sec-Butylbenzene	105	17.568	17.563	(1.165)	11320444	40.0000	37
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	9751345	40.0000	38
87	1,3-Dichlorobenzene	146	17.788	17.782	(1.180)	5637961	40.0000	37
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	5695059	40.0000	37
89	Benzyl chloride	91	18.050	18.045	(1.197)	7885201	40.0000	41(A)
90	Undecane	57	18.189	18.189	(1.207)	3996584	40.0000	34
91	n-Butylbenzene	91	18.221	18.216	(1.209)	8537193	40.0000	35
92	1,2-Dichlorobenzene	146	18.376	18.371	(1.219)	5393228	40.0000	37
93	Dodecane	57	19.633	19.628	(1.302)	3929904	40.0000	34
94	1,2,4-Trichlorobenzene	180	20.698	20.693	(1.373)	4120238	40.0000	37
95	1,3-Hexachlorobutadiene	225	20.869	20.869	(1.384)	2777259	40.0000	35
96	Naphthalene	128	21.169	21.169	(1.404)	9824355	40.0000	38
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	3494896	40.0000	35

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File:	fdt009.d	Date:	13-AUG-2010 00:33
Client ID:		Instrument:	F.i
Operator:	sv	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 29118		
Lab Sample ID:	ic 29118		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: ICV 200-5141/11 Calibration Date: 08/13/2010 02:15

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdt011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4479	0.4374		9.76	10.0	-2.3	30.0
Dichlorodifluoromethane	Ave	2.147	2.186		10.2	10.0	1.8	30.0
Freon 22	Ave	1.086	1.055		9.71	10.0	-2.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.241	2.236		9.98	10.0	-0.2	30.0
Chloromethane	Ave	0.6225	0.5942		9.54	10.0	-4.5	30.0
n-Butane	Ave	1.031	1.017		9.86	10.0	-1.4	30.0
Vinyl chloride	Ave	0.7737	0.7815		10.1	10.0	1.0	30.0
1,3-Butadiene	Ave	0.5708	0.5986		10.5	10.0	4.9	30.0
Bromomethane	Ave	0.9326	0.8155		8.74	10.0	-12.6	30.0
Chloroethane	Ave	0.4539	0.4277		9.42	10.0	-5.8	30.0
Isopentane	Ave	0.8819	0.8308		9.42	10.0	-5.8	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9083	0.8260		9.09	10.0	-9.1	30.0
Trichlorofluoromethane	Ave	2.637	2.412		9.15	10.0	-8.5	30.0
n-Pentane	Ave	1.193	1.176		9.85	10.0	-1.4	30.0
Ethanol	Ave	0.2974	0.2675		13.5	15.0	-10.1	30.0
Ethyl ether	Ave	0.6878	0.6673		9.70	10.0	-3.0	30.0
Acrolein	Ave	0.3356	0.3030		9.03	10.0	-9.7	30.0
Freon TF	Ave	1.958	2.143		10.9	10.0	9.5	30.0
1,1-Dichloroethene	Ave	0.9389	1.074		11.4	10.0	14.4	30.0
Acetone	Ave	1.272	1.289		10.1	10.0	1.3	30.0
Isopropyl alcohol	Ave	0.9047	0.8871		9.80	10.0	-1.9	30.0
Carbon disulfide	Ave	2.942	2.976		10.1	10.0	1.1	30.0
3-Chloropropene	Ave	0.9329	0.9604		10.3	10.0	3.0	30.0
Acetonitrile	Ave	0.5302	0.5540		10.4	10.0	4.5	30.0
Methylene Chloride	Ave	0.8906	0.9289		10.4	10.0	4.3	30.0
tert-Butyl alcohol	Ave	1.638	1.596		9.74	10.0	-2.6	30.0
Methyl tert-butyl ether	Ave	2.953	3.063		10.4	10.0	3.7	30.0
trans-1,2-Dichloroethene	Ave	1.408	1.427		10.1	10.0	1.3	30.0
n-Hexane	Ave	1.414	1.459		10.3	10.0	3.2	30.0
1,1-Dichloroethane	Ave	1.698	1.744		10.3	10.0	2.7	30.0
Vinyl acetate	Ave	1.880	1.985		10.6	10.0	5.6	30.0
cis-1,2-Dichloroethene	Ave	1.022	1.054		10.3	10.0	3.2	30.0
Methyl Ethyl Ketone	Ave	0.4842	0.4867		10.0	10.0	0.5	30.0
Ethyl acetate	Ave	0.0871	0.0925		10.6	10.0	6.1	30.0
Tetrahydrofuran	Ave	0.1549	0.1727		11.1	10.0	11.5	30.0
Chloroform	Ave	2.252	2.237		9.93	10.0	-0.7	30.0
1,1,1-Trichloroethane	Ave	0.4804	0.4840		10.1	10.0	0.7	30.0
Cyclohexane	Ave	0.2877	0.2977		10.3	10.0	3.5	30.0
Carbon tetrachloride	Ave	0.4590	0.4642		10.1	10.0	1.1	30.0
2,2,4-Trimethylpentane	Ave	0.8701	0.9322		10.7	10.0	7.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: ICV 200-5141/11 Calibration Date: 08/13/2010 02:15

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdt011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6765	0.6471		9.56	10.0	-4.3	30.0
1,2-Dichloroethane	Ave	0.2874	0.2918		10.2	10.0	1.5	30.0
n-Heptane	Ave	0.2802	0.2941		10.5	10.0	4.9	30.0
Trichloroethene	Ave	0.2931	0.2935		10.0	10.0	0.1	30.0
1,2-Dichloropropane	Ave	0.2110	0.2131		10.1	10.0	1.0	30.0
Methyl methacrylate	Ave	0.2085	0.2253		10.8	10.0	8.1	30.0
1,4-Dioxane	Ave	0.0873	0.0824		9.44	10.0	-5.6	30.0
Dibromomethane	Ave	0.2241	0.2188		9.76	10.0	-2.4	30.0
Bromodichloromethane	Ave	0.4685	0.5038		10.8	10.0	7.5	30.0
cis-1,3-Dichloropropene	Ave	0.3636	0.3618		9.95	10.0	-0.5	30.0
methyl isobutyl ketone	Ave	0.3475	0.3802		10.9	10.0	9.4	30.0
n-Octane	Ave	0.3745	0.3946		10.5	10.0	5.4	30.0
Toluene	Ave	0.4936	0.5166		10.5	10.0	4.7	30.0
trans-1,3-Dichloropropene	Ave	0.3994	0.3893		9.74	10.0	-2.5	30.0
1,1,2-Trichloroethane	Ave	0.2424	0.2481		10.2	10.0	2.4	30.0
Tetrachloroethene	Ave	0.3941	0.3798		9.63	10.0	-3.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3426	0.4235		12.4	10.0	23.6	30.0
Dibromochloromethane	Ave	0.4814	0.5257		10.9	10.0	9.2	30.0
1,2-Dibromoethane	Ave	0.4598	0.4786		10.4	10.0	4.1	30.0
Chlorobenzene	Ave	0.7015	0.6896		9.83	10.0	-1.7	30.0
Ethylbenzene	Ave	1.122	1.165		10.4	10.0	3.8	30.0
n-Nonane	Ave	0.4332	0.5068		11.7	10.0	17.0	30.0
m,p-Xylene	Ave	0.4353	0.4324		19.9	20.0	-0.7	30.0
Xylene, o-	Ave	0.4339	0.4270		9.84	10.0	-1.6	30.0
Styrene	Ave	0.6444	0.6757		10.5	10.0	4.8	30.0
Bromoform	Ave	0.4474	0.4651		10.4	10.0	4.0	30.0
Cumene	Ave	1.273	1.315		10.3	10.0	3.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6546	0.6591		10.1	10.0	0.7	30.0
n-Propylbenzene	Ave	1.512	1.581		10.5	10.0	4.6	30.0
1,2,3-Trichloropropane	Ave	0.4817	0.5245		10.9	10.0	8.9	30.0
n-Decane	Ave	0.5537	0.6536		11.8	10.0	18.0	30.0
4-Ethyltoluene	Ave	1.334	1.377		10.3	10.0	3.2	30.0
2-Chlorotoluene	Ave	1.225	1.287		10.5	10.0	5.1	30.0
1,3,5-Trimethylbenzene	Ave	1.093	1.094		10.0	10.0	0.0	30.0
tert-Butylbenzene	Ave	1.044	1.024		9.81	10.0	-1.9	30.0
1,2,4-Trimethylbenzene	Ave	1.119	1.086		9.71	10.0	-2.9	30.0
sec-Butylbenzene	Ave	1.575	1.569		9.96	10.0	-0.4	30.0
4-Isopropyltoluene	Ave	1.320	1.324		10.0	10.0	0.4	30.0
1,3-Dichlorobenzene	Ave	0.7681	0.6951		9.05	10.0	-9.5	30.0
1,4-Dichlorobenzene	Ave	0.7810	0.7049		9.02	10.0	-9.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: ICV 200-5141/11 Calibration Date: 08/13/2010 02:15

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdt011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.9810	1.049		10.7	10.0	6.9	30.0
n-Undecane	Ave	0.5980	0.7314		12.2	10.0	22.3	30.0
n-Butylbenzene	Ave	1.242	1.292		10.4	10.0	4.0	30.0
1,2-Dichlorobenzene	Ave	0.7345	0.6579		8.96	10.0	-10.4	30.0
n-Dodecane	Ave	0.5870	0.7203		12.3	10.0	22.7	30.0
1,2,4-Trichlorobenzene	Ave	0.5711	0.5557		9.73	10.0	-2.7	30.0
Hexachlorobutadiene	Ave	0.4086	0.3722		9.11	10.0	-8.9	30.0
Naphthalene	Ave	1.329	1.498		11.3	10.0	12.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5011	0.5205		10.4	10.0	3.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt011.d
Lab Smp Id: icv 29396
Inj Date : 13-AUG-2010 02:15
Operator : sv Inst ID: F.i
Smp Info : icv 29396
Misc Info : 200,1
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/to15v5.m
Meth Date : 13-Aug-2010 08:34 wrd Quant Type: ISTD
Cal Date : 13-AUG-2010 00:33 Cal File: fdt009.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	185753	9.76338	9.8
2 Dichlorodifluoromethane	85	3.220	3.221	(0.336)	928299	10.1785	10
3 Chlorodifluoromethane	51	3.253	3.253	(0.340)	447912	9.70662	9.7
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.445	3.445	(0.360)	949847	9.97743	10
5 Chloromethane	50	3.574	3.574	(0.373)	252362	9.54344	9.5
6 Butane	43	3.755	3.756	(0.392)	431887	9.85999	9.9
7 Vinyl chloride	62	3.793	3.793	(0.396)	331931	10.0997	10
8 1,3-Butadiene	54	3.862	3.863	(0.403)	254223	10.4836	10
9 Bromomethane	94	4.542	4.542	(0.474)	346362	8.74327	8.7
10 Chloroethane	64	4.761	4.761	(0.497)	181649	9.42047	9.4
11 2-Methylbutane	43	4.847	4.842	(0.506)	352847	9.41812	9.4
12 Vinyl bromide	106	5.152	5.152	(0.538)	350806	9.09197	9.1
13 Trichlorofluoromethane	101	5.248	5.243	(0.548)	1024596	9.14707	9.1
14 Pentane	43	5.376	5.377	(0.561)	499537	9.85368	9.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	5.692	5.687	(0.594)	170840	13.5205	14
16	Ethyl ether	59	5.831	5.831	(0.609)	283406	9.70038	9.7
17	1,1,2-Trichloro-1,2,2-trifluo	101	6.227	6.227	(0.650)	910166	10.9450	11
18	Acrolein	56	6.179	6.179	(0.645)	128703	9.02782	9.0
19	1,1-Dichloroethene	96	6.291	6.291	(0.657)	456156	11.4374	11
20	Acetone	43	6.446	6.446	(0.673)	547366	10.1297	10
21	Carbon disulfide	76	6.698	6.698	(0.699)	1263818	10.1117	10
22	Isopropanol	45	6.650	6.655	(0.694)	376752	9.80356	9.8
23	Allyl chloride	41	6.960	6.965	(0.727)	407906	10.2935	10
24	Acetonitrile	41	7.035	7.035	(0.735)	235280	10.4471	10
25	Methylene chloride	49	7.211	7.211	(0.753)	394504	10.4275	10
26	Tert-butyl alcohol	59	7.329	7.329	(0.765)	677995	9.74140	9.7
27	Methyl tert-butyl ether	73	7.559	7.565	(0.789)	1300980	10.3723	10
28	1,2-Dichloroethene (trans)	61	7.607	7.607	(0.794)	605873	10.1308	10
29	Acrylonitrile	53	7.687	7.688	(0.803)	273137	10.6574	11
30	n-Hexane	57	7.934	7.934	(0.828)	619546	10.3148	10
31	1,1-Dichloroethane	63	8.329	8.335	(0.870)	740635	10.2659	10
32	Vinyl acetate	43	8.345	8.346	(0.872)	843266	10.5590	11
M 33	1,2-Dichloroethene,Total	61				1053641	20.4494	20
34	1,2-Dichloroethene (cis)	96	9.217	9.218	(0.963)	447768	10.3186	10
35	Ethyl acetate	88	9.233	9.228	(0.964)	39268	10.6102	11
36	Methyl Ethyl Ketone	72	9.217	9.218	(0.963)	206691	10.0494	10(Q)
* 37	Bromochloromethane	128	9.576	9.581	(1.000)	424799	10.0000	
38	Tetrahydrofuran	42	9.597	9.597	(0.875)	343965	11.1469	11
39	Chloroform	83	9.651	9.651	(1.008)	950086	9.93116	9.9
40	Cyclohexane	84	9.918	9.918	(0.904)	592980	10.3450	10
41	1,1,1-Trichloroethane	97	9.908	9.902	(0.903)	964149	10.0721	10
42	Carbon tetrachloride	117	10.105	10.111	(0.921)	924794	10.1125	10
43	2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1857071	10.7112	11
44	Benzene	78	10.432	10.432	(0.951)	1289126	9.56390	9.6
45	1,2-Dichloroethane	62	10.528	10.528	(0.960)	581299	10.1504	10
46	n-Heptane	43	10.640	10.641	(0.970)	585879	10.4921	10
* 47	1,4-Difluorobenzene	114	10.972	10.972	(1.000)	1992538	10.0000	
48	n-Butanol	56	11.159	11.165	(1.017)	179834	10.3925	10
49	Trichloroethene	95	11.331	11.331	(1.033)	584717	10.0112	10
50	1,2-Dichloropropane	63	11.700	11.700	(1.066)	424442	10.0976	10
51	Methyl methacrylate	69	11.748	11.748	(1.071)	448885	10.8070	11
52	Dibromomethane	174	11.882	11.887	(1.083)	435823	9.76146	9.8
53	1,4-Dioxane	88	11.839	11.839	(1.079)	164172	9.43730	9.4
54	Bromodichloromethane	83	12.058	12.058	(1.099)	1003581	10.7507	11
55	1,3-Dichloropropene (cis)	75	12.684	12.684	(1.156)	720804	9.94847	9.9
56	Methyl isobutyl ketone	43	12.845	12.839	(1.171)	757396	10.9380	11
57	n-Octane	43	13.107	13.107	(1.195)	786071	10.5342	11
58	Toluene	92	13.117	13.118	(0.870)	894918	10.4638	10
59	1,3-Dichloropropene (trans)	75	13.476	13.476	(1.228)	775494	9.74370	9.7
60	1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	429823	10.2347	10
61	Tetrachloroethene	166	13.882	13.883	(0.921)	657979	9.63466	9.6

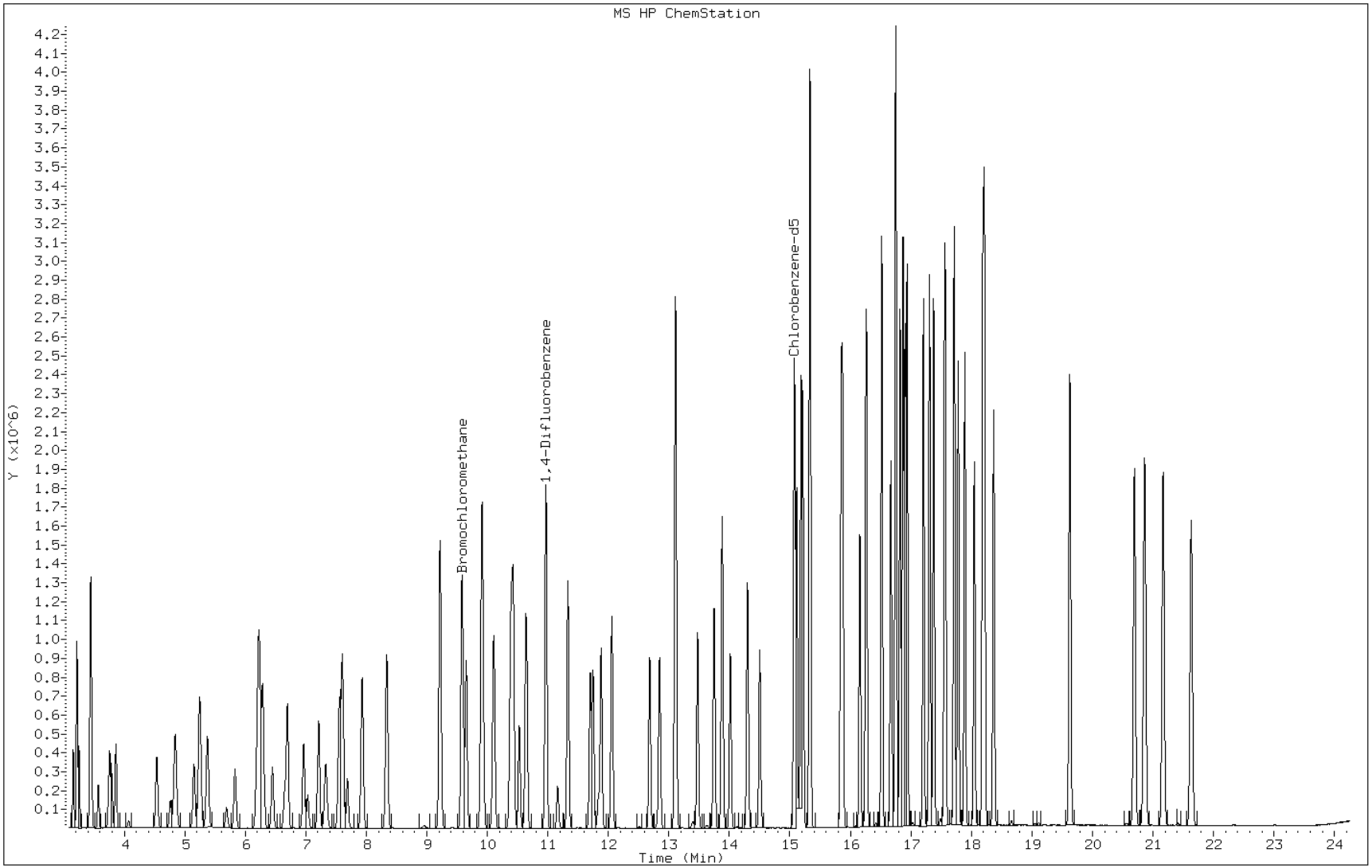
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	14.016	14.022	(0.930)	733689	12.3603	12
63	Dibromochloromethane	129	14.300	14.300	(0.949)	910734	10.9192	11
64	1,2-Dibromoethane	107	14.503	14.503	(0.962)	829066	10.4070	10
* 65	Chlorobenzene-d5	117	15.075	15.076	(1.000)	1732704	10.0000	
66	Chlorobenzene	112	15.113	15.113	(1.002)	1194656	9.82905	9.8
67	n-Nonane	57	15.214	15.215	(1.009)	878016	11.6961	12
68	Ethylbenzene	91	15.182	15.188	(1.007)	2017443	10.3755	10
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1498234	19.8637	20
M 70	Xylenes, Total	106				2237977	29.7038	30
71	Xylene (o)	106	15.851	15.846	(1.051)	739743	9.84012	9.8
72	Styrene	104	15.872	15.873	(1.053)	1170546	10.4829	10
73	Bromoform	173	16.161	16.162	(1.072)	805791	10.3952	10
74	Isopropylbenzene	105	16.263	16.263	(1.079)	2277740	10.3260	10
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1141816	10.0670	10
76	n-Propylbenzene	91	16.744	16.745	(1.111)	2738297	10.4543	10
77	1,2,3-Trichloropropane	75	16.755	16.755	(1.111)	908652	10.8876	11
78	n-Decane	57	16.819	16.820	(1.116)	1132320	11.8025	12
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2384682	10.3182	10
80	2-Chlorotoluene	91	16.905	16.905	(1.121)	2229982	10.5086	11
81	1,3,5-Trimethylbenzene	105	16.937	16.937	(1.123)	1894702	10.0010	10
82	Alpha Methyl Styrene	118	17.205	17.205	(1.141)	977941	10.7006	11
83	tert-butylbenzene	119	17.306	17.306	(1.148)	1774660	9.80637	9.8
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	1881744	9.70833	9.7
85	sec-Butylbenzene	105	17.563	17.563	(1.165)	2718242	9.95952	10
86	4-Isopropyltoluene	119	17.718	17.718	(1.175)	2294318	10.0342	10
87	1,3-Dichlorobenzene	146	17.782	17.782	(1.180)	1204089	9.04742	9.0
88	1,4-Dichlorobenzene	146	17.895	17.895	(1.187)	1221163	9.02344	9.0
89	Benzyl chloride	91	18.044	18.045	(1.197)	1816684	10.6872	11
90	Undecane	57	18.189	18.189	(1.207)	1267091	12.2287	12
91	n-Butylbenzene	91	18.216	18.216	(1.208)	2238016	10.3981	10
92	1,2-Dichlorobenzene	146	18.371	18.371	(1.219)	1139675	8.95528	9.0
93	Dodecane	57	19.628	19.628	(1.302)	1247754	12.2670	12
94	1,2,4-Trichlorobenzene	180	20.693	20.693	(1.373)	962654	9.72797	9.7
95	1,3-Hexachlorobutadiene	225	20.864	20.869	(1.384)	644842	9.10906	9.1
96	Naphthalene	128	21.169	21.169	(1.404)	2594307	11.2642	11
97	1,2,3-Trichlorobenzene	180	21.634	21.634	(1.435)	901693	10.3857	10

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: fdt011.d
Client ID:
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 29396
Lab Sample ID: icv 29396

Date: 13-AUG-2010 02:15
Instrument: F.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5588/26 Calibration Date: 08/24/2010 16:43

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtj002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4479	0.4176		9.32	10.0	-6.8	30.0
Dichlorodifluoromethane	Ave	2.147	2.194		10.2	10.0	2.2	30.0
Freon 22	Ave	1.086	1.012		9.31	10.0	-6.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.241	2.282		10.2	10.0	1.8	30.0
Chloromethane	Ave	0.6225	0.5796		9.31	10.0	-6.9	30.0
n-Butane	Ave	1.031	0.9600		9.31	10.0	-6.9	30.0
Vinyl chloride	Ave	0.7737	0.7610		9.83	10.0	-1.6	30.0
1,3-Butadiene	Ave	0.5708	0.5525		9.68	10.0	-3.2	30.0
Bromomethane	Ave	0.9326	0.8974		9.62	10.0	-3.8	30.0
Chloroethane	Ave	0.4539	0.4380		9.65	10.0	-3.5	30.0
Isopentane	Ave	0.8819	0.7839		8.89	10.0	-11.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9083	0.8809		9.70	10.0	-3.0	30.0
Trichlorofluoromethane	Ave	2.637	2.435		9.23	10.0	-7.7	30.0
n-Pentane	Ave	1.193	1.136		9.51	10.0	-4.8	30.0
Ethanol	Ave	0.2974	0.2717		13.7	15.0	-8.7	30.0
Ethyl ether	Ave	0.6878	0.6406		9.31	10.0	-6.9	30.0
Acrolein	Ave	0.3356	0.3078		9.17	10.0	-8.3	30.0
Freon TF	Ave	1.958	1.902		9.72	10.0	-2.8	30.0
1,1-Dichloroethene	Ave	0.9389	0.9285		9.89	10.0	-1.1	30.0
Acetone	Ave	1.272	1.336		10.5	10.0	5.0	30.0
Isopropyl alcohol	Ave	0.9047	0.8427		9.31	10.0	-6.9	30.0
Carbon disulfide	Ave	2.942	2.852		9.69	10.0	-3.1	30.0
3-Chloropropene	Ave	0.9329	0.7988		8.56	10.0	-14.4	30.0
Acetonitrile	Ave	0.5302	0.5505		10.4	10.0	3.8	30.0
Methylene Chloride	Ave	0.8906	0.8032		9.02	10.0	-9.8	30.0
tert-Butyl alcohol	Ave	1.638	1.620		9.88	10.0	-1.2	30.0
Methyl tert-butyl ether	Ave	2.953	2.780		9.41	10.0	-5.9	30.0
trans-1,2-Dichloroethene	Ave	1.408	1.316		9.35	10.0	-6.5	30.0
n-Hexane	Ave	1.414	1.327		9.38	10.0	-6.1	30.0
1,1-Dichloroethane	Ave	1.698	1.606		9.46	10.0	-5.4	30.0
Vinyl acetate	Ave	1.880	1.813		9.64	10.0	-3.6	30.0
cis-1,2-Dichloroethene	Ave	1.022	1.054		10.3	10.0	3.2	30.0
Methyl Ethyl Ketone	Ave	0.4842	0.4799		9.91	10.0	-0.9	30.0
Ethyl acetate	Ave	0.0871	0.0934		10.7	10.0	7.2	30.0
Tetrahydrofuran	Ave	0.1549	0.1479		9.55	10.0	-4.5	30.0
Chloroform	Ave	2.252	2.116		9.39	10.0	-6.1	30.0
1,1,1-Trichloroethane	Ave	0.4804	0.4384		9.12	10.0	-8.8	30.0
Cyclohexane	Ave	0.2877	0.2810		9.76	10.0	-2.3	30.0
Carbon tetrachloride	Ave	0.4590	0.4273		9.31	10.0	-6.9	30.0
2,2,4-Trimethylpentane	Ave	0.8701	0.8114		9.32	10.0	-6.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5588/26 Calibration Date: 08/24/2010 16:43

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtj002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6765	0.6061		8.96	10.0	-10.4	30.0
1,2-Dichloroethane	Ave	0.2874	0.2585		8.99	10.0	-10.1	30.0
n-Heptane	Ave	0.2802	0.2552		9.10	10.0	-8.9	30.0
Trichloroethene	Ave	0.2931	0.2785		9.50	10.0	-5.0	30.0
1,2-Dichloropropane	Ave	0.2110	0.1960		9.29	10.0	-7.1	30.0
Methyl methacrylate	Ave	0.2085	0.2038		9.77	10.0	-2.3	30.0
1,4-Dioxane	Ave	0.0873	0.0868		9.94	10.0	-0.6	30.0
Dibromomethane	Ave	0.2241	0.2197		9.80	10.0	-2.0	30.0
Bromodichloromethane	Ave	0.4685	0.4648		9.92	10.0	-0.8	30.0
cis-1,3-Dichloropropene	Ave	0.3636	0.3420		9.40	10.0	-6.0	30.0
methyl isobutyl ketone	Ave	0.3475	0.3241		9.32	10.0	-6.7	30.0
n-Octane	Ave	0.3745	0.3430		9.16	10.0	-8.4	30.0
Toluene	Ave	0.4936	0.4927		9.98	10.0	-0.2	30.0
trans-1,3-Dichloropropene	Ave	0.3994	0.3642		9.12	10.0	-8.8	30.0
1,1,2-Trichloroethane	Ave	0.2424	0.2412		9.95	10.0	-0.5	30.0
Tetrachloroethene	Ave	0.3941	0.3655		9.27	10.0	-7.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3426	0.3390		9.89	10.0	-1.1	30.0
Dibromochloromethane	Ave	0.4814	0.4792		9.95	10.0	-0.5	30.0
1,2-Dibromoethane	Ave	0.4598	0.4662		10.1	10.0	1.4	30.0
Chlorobenzene	Ave	0.7015	0.6699		9.55	10.0	-4.5	30.0
Ethylbenzene	Ave	1.122	1.092		9.73	10.0	-2.7	30.0
n-Nonane	Ave	0.4332	0.4208		9.71	10.0	-2.9	30.0
m,p-Xylene	Ave	0.4353	0.4282		19.7	20.0	-1.6	30.0
Xylene, o-	Ave	0.4339	0.4252		9.80	10.0	-2.0	30.0
Styrene	Ave	0.6444	0.6586		10.2	10.0	2.2	30.0
Bromoform	Ave	0.4474	0.4298		9.61	10.0	-3.9	30.0
Cumene	Ave	1.273	1.233		9.69	10.0	-3.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6546	0.6389		9.76	10.0	-2.4	30.0
n-Propylbenzene	Ave	1.512	1.473		9.74	10.0	-2.5	30.0
1,2,3-Trichloropropane	Ave	0.4817	0.4737		9.83	10.0	-1.7	30.0
n-Decane	Ave	0.5537	0.5402		9.75	10.0	-2.4	30.0
4-Ethyltoluene	Ave	1.334	1.282		9.61	10.0	-3.9	30.0
2-Chlorotoluene	Ave	1.225	1.168		9.54	10.0	-4.6	30.0
1,3,5-Trimethylbenzene	Ave	1.093	1.052		9.62	10.0	-3.8	30.0
tert-Butylbenzene	Ave	1.044	0.9835		9.41	10.0	-5.8	30.0
1,2,4-Trimethylbenzene	Ave	1.119	1.069		9.56	10.0	-4.4	30.0
sec-Butylbenzene	Ave	1.575	1.516		9.62	10.0	-3.8	30.0
4-Isopropyltoluene	Ave	1.320	1.256		9.51	10.0	-4.8	30.0
1,3-Dichlorobenzene	Ave	0.7681	0.7060		9.19	10.0	-8.1	30.0
1,4-Dichlorobenzene	Ave	0.7810	0.7129		9.13	10.0	-8.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5588/26 Calibration Date: 08/24/2010 16:43

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtj002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.9810	0.7447		7.59	10.0	-24.1	30.0
n-Undecane	Ave	0.5980	0.5991		10.0	10.0	0.2	30.0
n-Butylbenzene	Ave	1.242	1.191		9.59	10.0	-4.1	30.0
1,2-Dichlorobenzene	Ave	0.7345	0.6707		9.13	10.0	-8.7	30.0
n-Dodecane	Ave	0.5870	0.5510		9.38	10.0	-6.1	30.0
1,2,4-Trichlorobenzene	Ave	0.5711	0.4830		8.45	10.0	-15.4	30.0
Hexachlorobutadiene	Ave	0.4086	0.3360		8.22	10.0	-17.8	30.0
Naphthalene	Ave	1.329	1.176		8.85	10.0	-11.5	30.0
1,2,3-Trichlorobenzene	Ave	0.5011	0.4163		8.31	10.0	-16.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj002.d
Lab Smp Id: ccvis 038951 Client Smp ID: ccvis 038951
Inj Date : 24-AUG-2010 16:43
Operator : wrd Inst ID: F.i
Smp Info : ccvis 038951
Misc Info : 200,1,ccv
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 11:37 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.156	3.156	(0.330)	199820	10.0000	9.3
2 Dichlorodifluoromethane	85	3.215	3.221	(0.336)	1049846	10.0000	10
3 Chlorodifluoromethane	51	3.247	3.253	(0.339)	484203	10.0000	9.3
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	1091819	10.0000	10
5 Chloromethane	50	3.568	3.574	(0.373)	277357	10.0000	9.3
6 Butane	43	3.750	3.756	(0.392)	459401	10.0000	9.3
7 Vinyl chloride	62	3.788	3.793	(0.396)	364160	10.0000	9.8
8 1,3-Butadiene	54	3.857	3.863	(0.403)	264405	10.0000	9.7
9 Bromomethane	94	4.537	4.542	(0.474)	429463	10.0000	9.6
10 Chloroethane	64	4.756	4.761	(0.497)	209601	10.0000	9.6
11 2-Methylbutane	43	4.836	4.842	(0.505)	375149	10.0000	8.9
12 Vinyl bromide	106	5.146	5.152	(0.538)	421530	10.0000	9.7
13 Trichlorofluoromethane	101	5.243	5.243	(0.548)	1165230	10.0000	9.2
14 Pentane	43	5.371	5.377	(0.561)	543433	10.0000	9.5

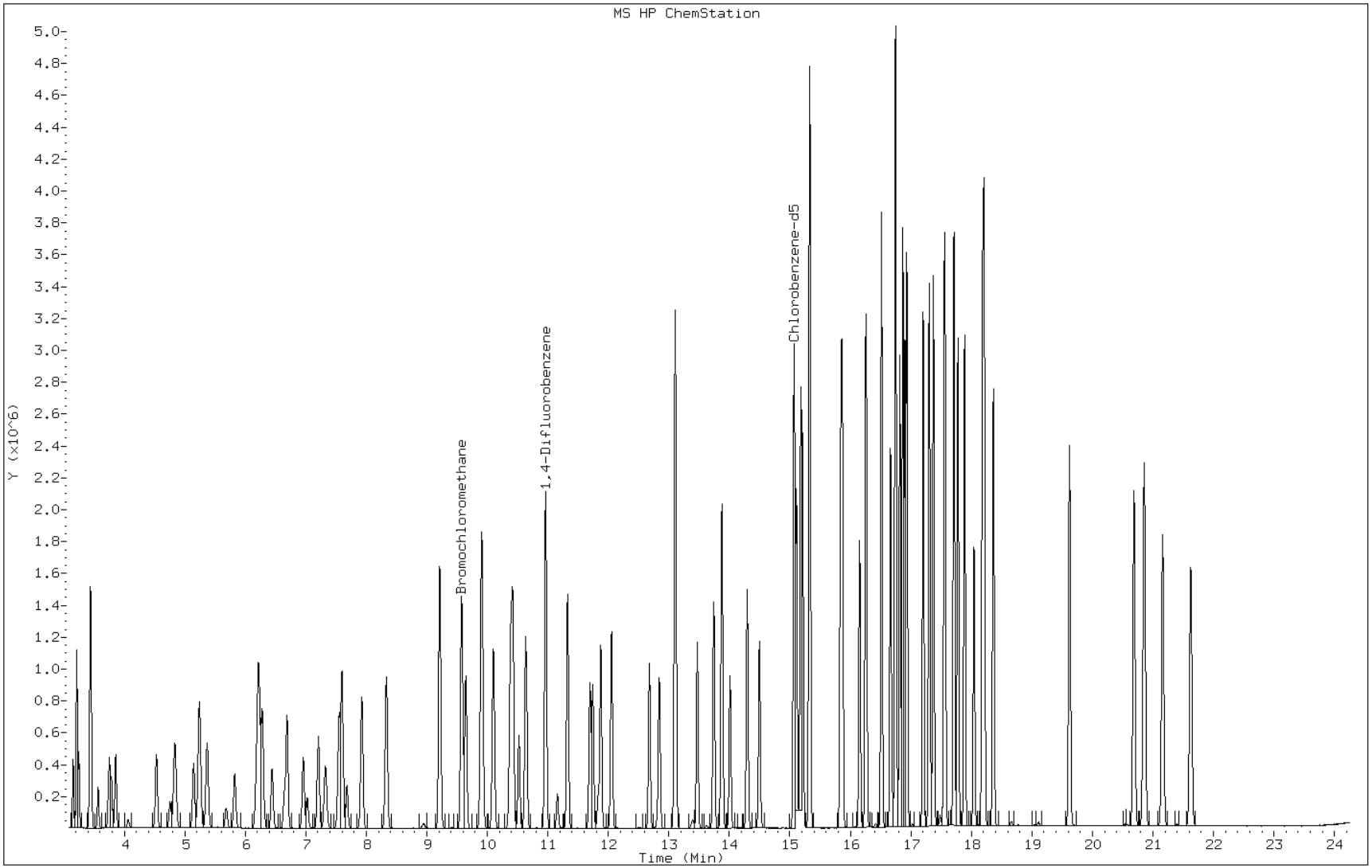
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	195128	15.0000	14
	16 Ethyl ether	59	5.826	5.831	(0.609)	306572	10.0000	9.3
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.216	6.227	(0.650)	910334	10.0000	9.7
	18 Acrolein	56	6.174	6.179	(0.645)	147300	10.0000	9.2
	19 1,1-Dichloroethene	96	6.286	6.291	(0.657)	444319	10.0000	9.9
	20 Acetone	43	6.441	6.446	(0.673)	639216	10.0000	10
	21 Carbon disulfide	76	6.693	6.698	(0.699)	1365000	10.0000	9.7
	22 Isopropanol	45	6.650	6.655	(0.695)	403253	10.0000	9.3
	23 Allyl chloride	41	6.960	6.965	(0.727)	382258	10.0000	8.6
	24 Acetonitrile	41	7.024	7.035	(0.734)	263446	10.0000	10
	25 Methylene chloride	49	7.206	7.211	(0.753)	384391	10.0000	9.0
	26 Tert-butyl alcohol	59	7.318	7.329	(0.765)	775034	10.0000	9.9
	27 Methyl tert-butyl ether	73	7.554	7.565	(0.789)	1330298	10.0000	9.4
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	629765	10.0000	9.3
	29 Acrylonitrile	53	7.682	7.688	(0.803)	271429	10.0000	9.3
	30 n-Hexane	57	7.928	7.934	(0.828)	635026	10.0000	9.4
	31 1,1-Dichloroethane	63	8.324	8.335	(0.870)	768723	10.0000	9.5
	32 Vinyl acetate	43	8.340	8.346	(0.871)	867706	10.0000	9.6
M	33 1,2-Dichloroethene,Total	61				1134360	20.0000	20
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.963)	504595	10.0000	10
	35 Ethyl acetate	88	9.228	9.228	(0.964)	44692	10.0000	11
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	229633	10.0000	9.9(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	478642	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	350848	10.0000	9.5
	39 Chloroform	83	9.646	9.651	(1.008)	1012412	10.0000	9.4
	40 Cyclohexane	84	9.913	9.918	(0.904)	666622	10.0000	9.8
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	1040103	10.0000	9.1
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	1013908	10.0000	9.3
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1925273	10.0000	9.3
	44 Benzene	78	10.427	10.432	(0.951)	1438188	10.0000	9.0
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	613426	10.0000	9.0
	46 n-Heptane	43	10.635	10.641	(0.970)	605519	10.0000	9.1
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2373214	10.0000	
	48 n-Butanol	56	11.160	11.165	(1.018)	172682	10.0000	8.4
	49 Trichloroethene	95	11.325	11.331	(1.033)	660775	10.0000	9.5
	50 1,2-Dichloropropane	63	11.695	11.700	(1.066)	464959	10.0000	9.3
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	483475	10.0000	9.8
	52 Dibromomethane	174	11.876	11.887	(1.083)	521166	10.0000	9.8
	53 1,4-Dioxane	88	11.834	11.839	(1.079)	205892	10.0000	9.9
	54 Bromodichloromethane	83	12.053	12.058	(1.099)	1102833	10.0000	9.9
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.156)	811386	10.0000	9.4
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	768971	10.0000	9.3
	57 n-Octane	43	13.101	13.107	(1.195)	813893	10.0000	9.2
	58 Toluene	92	13.112	13.118	(0.870)	1086351	10.0000	10
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.228)	864228	10.0000	9.1
	60 1,1,2-Trichloroethane	83	13.738	13.749	(0.912)	531805	10.0000	9.9
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	805785	10.0000	9.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.011	14.022	(0.930)	747310	10.0000	9.9
63	Dibromochloromethane	129	14.294	14.300	(0.949)	1056418	10.0000	10
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	1027900	10.0000	10
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2205171	10.0000	
66	Chlorobenzene	112	15.108	15.113	(1.002)	1477045	10.0000	9.5
67	n-Nonane	57	15.209	15.215	(1.009)	927708	10.0000	9.7
68	Ethylbenzene	91	15.183	15.188	(1.007)	2406963	10.0000	9.7
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1887929	20.0000	20
M 70	Xylenes, Total	106				2825330	10.0000	29
71	Xylene (o)	106	15.846	15.846	(1.051)	937401	10.0000	9.8
72	Styrene	104	15.867	15.873	(1.053)	1452078	10.0000	10
73	Bromoform	173	16.156	16.162	(1.072)	947584	10.0000	9.6
74	Isopropylbenzene	105	16.258	16.263	(1.079)	2718958	10.0000	9.7
75	1,1,2,2-Tetrachloroethane	83	16.664	16.670	(1.106)	1408614	10.0000	9.8
76	n-Propylbenzene	91	16.739	16.745	(1.111)	3248323	10.0000	9.7
77	1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1044319	10.0000	9.8
78	n-Decane	57	16.814	16.820	(1.116)	1191038	10.0000	9.8
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2826602	10.0000	9.6
80	2-Chlorotoluene	91	16.900	16.905	(1.121)	2576067	10.0000	9.5
81	1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	2318992	10.0000	9.6
82	Alpha Methyl Styrene	118	17.199	17.205	(1.141)	1181987	10.0000	10
83	tert-butylbenzene	119	17.306	17.306	(1.148)	2168339	10.0000	9.4
84	1,2,4-Trimethylbenzene	105	17.371	17.376	(1.153)	2357267	10.0000	9.6
85	sec-Butylbenzene	105	17.558	17.563	(1.165)	3342377	10.0000	9.6
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	2768785	10.0000	9.5
87	1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1556594	10.0000	9.2
88	1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1571698	10.0000	9.1
89	Benzyl chloride	91	18.039	18.045	(1.197)	1641894	10.0000	7.6
90	Undecane	57	18.184	18.189	(1.207)	1320763	10.0000	10
91	n-Butylbenzene	91	18.210	18.216	(1.208)	2626750	10.0000	9.6
92	1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1478603	10.0000	9.1
93	Dodecane	57	19.623	19.628	(1.302)	1214717	10.0000	9.4
94	1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	1064825	10.0000	8.5
95	1,3-Hexachlorobutadiene	225	20.859	20.869	(1.384)	740867	10.0000	8.2
96	Naphthalene	128	21.158	21.169	(1.404)	2593591	10.0000	8.8
97	1,2,3-Trichlorobenzene	180	21.624	21.634	(1.435)	917801	10.0000	8.3

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtj002.d	Date:	24-AUG-2010 16:43
Client ID:	ccvis 038951	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 038951		
Lab Sample ID:	ccvis 038951		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5661/2 Calibration Date: 08/25/2010 15:36

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtk002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4479	0.3734		8.34	10.0	-16.6	30.0
Dichlorodifluoromethane	Ave	2.147	2.006		9.34	10.0	-6.6	30.0
Freon 22	Ave	1.086	0.9255		8.52	10.0	-14.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.241	2.101		9.37	10.0	-6.2	30.0
Chloromethane	Ave	0.6225	0.5209		8.37	10.0	-16.3	30.0
n-Butane	Ave	1.031	0.8905		8.63	10.0	-13.6	30.0
Vinyl chloride	Ave	0.7737	0.7202		9.31	10.0	-6.9	30.0
1,3-Butadiene	Ave	0.5708	0.5178		9.07	10.0	-9.3	30.0
Bromomethane	Ave	0.9326	0.8493		9.11	10.0	-8.9	30.0
Chloroethane	Ave	0.4539	0.4035		8.89	10.0	-11.1	30.0
Isopentane	Ave	0.8819	0.7240		8.21	10.0	-17.9	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9083	0.8597		9.46	10.0	-5.4	30.0
Trichlorofluoromethane	Ave	2.637	2.342		8.88	10.0	-11.2	30.0
n-Pentane	Ave	1.193	1.053		8.83	10.0	-11.7	30.0
Ethanol	Ave	0.2974	0.2524		12.7	15.0	-15.2	30.0
Ethyl ether	Ave	0.6878	0.6138		8.92	10.0	-10.7	30.0
Acrolein	Ave	0.3356	0.2953		8.80	10.0	-12.0	30.0
Freon TF	Ave	1.958	1.879		9.60	10.0	-4.0	30.0
1,1-Dichloroethene	Ave	0.9389	0.9358		9.97	10.0	-0.3	30.0
Acetone	Ave	1.272	1.263		9.93	10.0	-0.7	30.0
Isopropyl alcohol	Ave	0.9047	0.7936		8.77	10.0	-12.3	30.0
Carbon disulfide	Ave	2.942	2.754		9.36	10.0	-6.4	30.0
3-Chloropropene	Ave	0.9329	0.7574		8.12	10.0	-18.8	30.0
Acetonitrile	Ave	0.5302	0.5112		9.64	10.0	-3.6	30.0
Methylene Chloride	Ave	0.8906	0.7583		8.51	10.0	-14.9	30.0
tert-Butyl alcohol	Ave	1.638	1.571		9.58	10.0	-4.1	30.0
Methyl tert-butyl ether	Ave	2.953	2.741		9.28	10.0	-7.2	30.0
trans-1,2-Dichloroethene	Ave	1.408	1.269		9.01	10.0	-9.8	30.0
n-Hexane	Ave	1.414	1.276		9.02	10.0	-9.8	30.0
1,1-Dichloroethane	Ave	1.698	1.549		9.12	10.0	-8.8	30.0
Vinyl acetate	Ave	1.880	1.713		9.11	10.0	-8.9	30.0
cis-1,2-Dichloroethene	Ave	1.022	1.039		10.2	10.0	1.7	30.0
Methyl Ethyl Ketone	Ave	0.4842	0.4655		9.61	10.0	-3.9	30.0
Ethyl acetate	Ave	0.0871	0.0936		10.7	10.0	7.4	30.0
Tetrahydrofuran	Ave	0.1549	0.1419		9.16	10.0	-8.4	30.0
Chloroform	Ave	2.252	2.070		9.19	10.0	-8.1	30.0
1,1,1-Trichloroethane	Ave	0.4804	0.4393		9.14	10.0	-8.6	30.0
Cyclohexane	Ave	0.2877	0.2768		9.62	10.0	-3.8	30.0
Carbon tetrachloride	Ave	0.4590	0.4301		9.37	10.0	-6.3	30.0
2,2,4-Trimethylpentane	Ave	0.8701	0.7867		9.04	10.0	-9.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5661/2 Calibration Date: 08/25/2010 15:36

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtk002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6765	0.5916		8.74	10.0	-12.5	30.0
1,2-Dichloroethane	Ave	0.2874	0.2499		8.69	10.0	-13.0	30.0
n-Heptane	Ave	0.2802	0.2438		8.70	10.0	-13.0	30.0
Trichloroethene	Ave	0.2931	0.2756		9.40	10.0	-6.0	30.0
1,2-Dichloropropane	Ave	0.2110	0.1910		9.05	10.0	-9.5	30.0
Methyl methacrylate	Ave	0.2085	0.1992		9.55	10.0	-4.5	30.0
1,4-Dioxane	Ave	0.0873	0.0851		9.75	10.0	-2.5	30.0
Dibromomethane	Ave	0.2241	0.2221		9.91	10.0	-0.9	30.0
Bromodichloromethane	Ave	0.4685	0.4547		9.70	10.0	-3.0	30.0
cis-1,3-Dichloropropene	Ave	0.3636	0.3383		9.30	10.0	-7.0	30.0
methyl isobutyl ketone	Ave	0.3475	0.3108		8.94	10.0	-10.6	30.0
n-Octane	Ave	0.3745	0.3275		8.74	10.0	-12.6	30.0
Toluene	Ave	0.4936	0.4945		10.0	10.0	0.2	30.0
trans-1,3-Dichloropropene	Ave	0.3994	0.3578		8.95	10.0	-10.4	30.0
1,1,2-Trichloroethane	Ave	0.2424	0.2404		9.92	10.0	-0.8	30.0
Tetrachloroethene	Ave	0.3941	0.3774		9.57	10.0	-4.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3426	0.3320		9.69	10.0	-3.1	30.0
Dibromochloromethane	Ave	0.4814	0.4892		10.2	10.0	1.6	30.0
1,2-Dibromoethane	Ave	0.4598	0.4690		10.2	10.0	2.0	30.0
Chlorobenzene	Ave	0.7015	0.6762		9.64	10.0	-3.6	30.0
Ethylbenzene	Ave	1.122	1.092		9.73	10.0	-2.7	30.0
n-Nonane	Ave	0.4332	0.4146		9.57	10.0	-4.3	30.0
m,p-Xylene	Ave	0.4353	0.4299		19.7	20.0	-1.2	30.0
Xylene, o-	Ave	0.4339	0.4288		9.88	10.0	-1.2	30.0
Styrene	Ave	0.6444	0.6675		10.4	10.0	3.6	30.0
Bromoform	Ave	0.4474	0.4288		9.58	10.0	-4.2	30.0
Cumene	Ave	1.273	1.237		9.72	10.0	-2.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6546	0.6221		9.50	10.0	-5.0	30.0
n-Propylbenzene	Ave	1.512	1.430		9.46	10.0	-5.4	30.0
1,2,3-Trichloropropane	Ave	0.4817	0.4609		9.57	10.0	-4.3	30.0
n-Decane	Ave	0.5537	0.5232		9.45	10.0	-5.5	30.0
4-Ethyltoluene	Ave	1.334	1.233		9.24	10.0	-7.5	30.0
2-Chlorotoluene	Ave	1.225	1.127		9.20	10.0	-7.9	30.0
1,3,5-Trimethylbenzene	Ave	1.093	1.011		9.25	10.0	-7.5	30.0
tert-Butylbenzene	Ave	1.044	0.9441		9.04	10.0	-9.6	30.0
1,2,4-Trimethylbenzene	Ave	1.119	1.021		9.12	10.0	-8.7	30.0
sec-Butylbenzene	Ave	1.575	1.421		9.02	10.0	-9.8	30.0
4-Isopropyltoluene	Ave	1.320	1.170		8.86	10.0	-11.4	30.0
1,3-Dichlorobenzene	Ave	0.7681	0.6537		8.51	10.0	-14.9	30.0
1,4-Dichlorobenzene	Ave	0.7810	0.6655		8.52	10.0	-14.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Lab Sample ID: CCVIS 200-5661/2 Calibration Date: 08/25/2010 15:36

Instrument ID: F.i Calib Start Date: 08/12/2010 19:27

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/13/2010 00:33

Lab File ID: fdtk002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.9810	0.7224		7.36	10.0	-26.4	30.0
n-Undecane	Ave	0.5980	0.5773		9.65	10.0	-3.5	30.0
n-Butylbenzene	Ave	1.242	1.136		9.14	10.0	-8.6	30.0
1,2-Dichlorobenzene	Ave	0.7345	0.6113		8.32	10.0	-16.8	30.0
n-Dodecane	Ave	0.5870	0.5226		8.90	10.0	-11.0	30.0
1,2,4-Trichlorobenzene	Ave	0.5711	0.4542		7.95	10.0	-20.5	30.0
Hexachlorobutadiene	Ave	0.4086	0.3098		7.58	10.0	-24.2	30.0
Naphthalene	Ave	1.329	1.116		8.39	10.0	-16.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5011	0.3813		7.61	10.0	-23.9	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk002.d
Lab Smp Id: ccvis 038951 Client Smp ID: ccvis 038951
Inj Date : 25-AUG-2010 15:36
Operator : wrd Inst ID: F.i
Smp Info : ccvis 038951
Misc Info : 200,1,ccv
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 09:29 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	3.156	3.156	(0.330)	188947	10.0000	8.3
2	Dichlorodifluoromethane	85	3.215	3.221	(0.336)	1015098	10.0000	9.3
3	Chlorodifluoromethane	51	3.253	3.253	(0.340)	468351	10.0000	8.5
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	1063215	10.0000	9.4
5	Chloromethane	50	3.568	3.574	(0.373)	263586	10.0000	8.4
6	Butane	43	3.750	3.756	(0.392)	450628	10.0000	8.6
7	Vinyl chloride	62	3.788	3.793	(0.396)	364472	10.0000	9.3
8	1,3-Butadiene	54	3.857	3.863	(0.403)	262051	10.0000	9.1
9	Bromomethane	94	4.531	4.542	(0.473)	429785	10.0000	9.1
10	Chloroethane	64	4.756	4.761	(0.497)	204190	10.0000	8.9
11	2-Methylbutane	43	4.836	4.842	(0.505)	366365	10.0000	8.2
12	Vinyl bromide	106	5.146	5.152	(0.538)	435024	10.0000	9.5
13	Trichlorofluoromethane	101	5.243	5.243	(0.548)	1185055	10.0000	8.9
14	Pentane	43	5.371	5.377	(0.561)	533066	10.0000	8.8

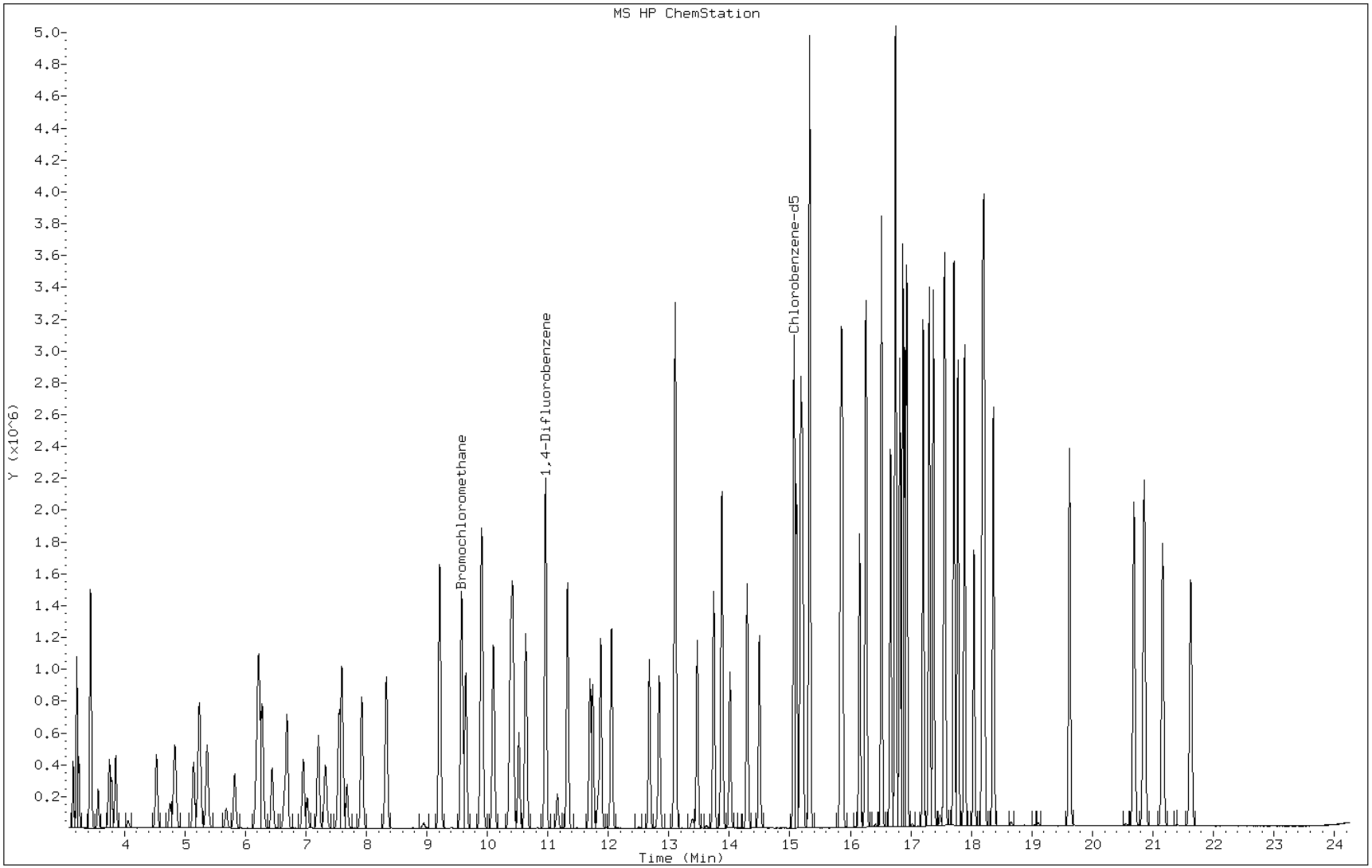
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	191632	15.0000	13
	16 Ethyl ether	59	5.826	5.831	(0.609)	310630	10.0000	8.9
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.216	6.227	(0.650)	950781	10.0000	9.6
	18 Acrolein	56	6.174	6.179	(0.645)	149442	10.0000	8.8
	19 1,1-Dichloroethene	96	6.281	6.291	(0.656)	473546	10.0000	10
	20 Acetone	43	6.441	6.446	(0.673)	639225	10.0000	9.9
	21 Carbon disulfide	76	6.693	6.698	(0.699)	1393808	10.0000	9.4
	22 Isopropanol	45	6.650	6.655	(0.695)	401583	10.0000	8.8
	23 Allyl chloride	41	6.955	6.965	(0.727)	383287	10.0000	8.1
	24 Acetonitrile	41	7.024	7.035	(0.734)	258685	10.0000	9.6
	25 Methylene chloride	49	7.206	7.211	(0.753)	383747	10.0000	8.5
	26 Tert-butyl alcohol	59	7.324	7.329	(0.765)	794832	10.0000	9.6
	27 Methyl tert-butyl ether	73	7.554	7.565	(0.789)	1387016	10.0000	9.3
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	642366	10.0000	9.0
	29 Acrylonitrile	53	7.677	7.688	(0.802)	274839	10.0000	8.9
	30 n-Hexane	57	7.928	7.934	(0.828)	645537	10.0000	9.0
	31 1,1-Dichloroethane	63	8.324	8.335	(0.870)	783685	10.0000	9.1
	32 Vinyl acetate	43	8.340	8.346	(0.871)	866686	10.0000	9.1
M	33 1,2-Dichloroethene,Total	61				1167911	20.0000	19
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.963)	525545	10.0000	10
	35 Ethyl acetate	88	9.228	9.228	(0.964)	47346	10.0000	11(Q)
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	235570	10.0000	9.6(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	506144	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	353010	10.0000	9.2
	39 Chloroform	83	9.646	9.651	(1.008)	1047749	10.0000	9.2
	40 Cyclohexane	84	9.913	9.918	(0.904)	688478	10.0000	9.6
	41 1,1,1-Trichloroethane	97	9.897	9.902	(0.903)	1092799	10.0000	9.1
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	1069835	10.0000	9.4
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.948)	1956707	10.0000	9.0
	44 Benzene	78	10.427	10.432	(0.951)	1471611	10.0000	8.7
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	621627	10.0000	8.7
	46 n-Heptane	43	10.635	10.641	(0.970)	606357	10.0000	8.7
*	47 1,4-Difluorobenzene	114	10.962	10.972	(1.000)	2487883	10.0000	
	48 n-Butanol	56	11.154	11.165	(1.018)	176177	10.0000	8.2
	49 Trichloroethene	95	11.325	11.331	(1.033)	685391	10.0000	9.4
	50 1,2-Dichloropropane	63	11.694	11.700	(1.067)	475038	10.0000	9.1
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	495362	10.0000	9.6
	52 Dibromomethane	174	11.876	11.887	(1.083)	552389	10.0000	9.9
	53 1,4-Dioxane	88	11.834	11.839	(1.080)	211750	10.0000	9.7
	54 Bromodichloromethane	83	12.053	12.058	(1.100)	1130953	10.0000	9.7
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.157)	841426	10.0000	9.3
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	773020	10.0000	8.9
	57 n-Octane	43	13.101	13.107	(1.195)	814595	10.0000	8.7
	58 Toluene	92	13.107	13.118	(0.870)	1119687	10.0000	10
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.229)	889860	10.0000	9.0
	60 1,1,2-Trichloroethane	83	13.738	13.749	(0.912)	544372	10.0000	9.9
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	854494	10.0000	9.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.011	14.022	(0.930)	751806	10.0000	9.7
63	Dibromochloromethane	129	14.294	14.300	(0.949)	1107726	10.0000	10
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	1061997	10.0000	10
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2264908	10.0000	
66	Chlorobenzene	112	15.108	15.113	(1.002)	1531265	10.0000	9.6
67	n-Nonane	57	15.209	15.215	(1.009)	938889	10.0000	9.6
68	Ethylbenzene	91	15.177	15.188	(1.007)	2473202	10.0000	9.7
69	Xylene (m,p)	106	15.327	15.332	(1.017)	1946937	20.0000	20
M 70	Xylenes, Total	106				2917826	10.0000	30
71	Xylene (o)	106	15.841	15.846	(1.051)	970889	10.0000	9.9
72	Styrene	104	15.867	15.873	(1.053)	1511513	10.0000	10
73	Bromoform	173	16.151	16.162	(1.072)	970910	10.0000	9.6
74	Isopropylbenzene	105	16.258	16.263	(1.079)	2802121	10.0000	9.7
75	1,1,2,2-Tetrachloroethane	83	16.664	16.670	(1.106)	1408764	10.0000	9.5
76	n-Propylbenzene	91	16.739	16.745	(1.111)	3238352	10.0000	9.5
77	1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1043596	10.0000	9.6
78	n-Decane	57	16.814	16.820	(1.116)	1184690	10.0000	9.4
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2792464	10.0000	9.2
80	2-Chlorotoluene	91	16.900	16.905	(1.121)	2552919	10.0000	9.2
81	1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	2290200	10.0000	9.2
82	Alpha Methyl Styrene	118	17.199	17.205	(1.141)	1154148	10.0000	9.7
83	tert-butylbenzene	119	17.301	17.306	(1.148)	2137915	10.0000	9.0
84	1,2,4-Trimethylbenzene	105	17.371	17.376	(1.153)	2311891	10.0000	9.1
85	sec-Butylbenzene	105	17.558	17.563	(1.165)	3216827	10.0000	9.0
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	2648635	10.0000	8.9
87	1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1480311	10.0000	8.5
88	1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1506996	10.0000	8.5
89	Benzyl chloride	91	18.039	18.045	(1.197)	1635908	10.0000	7.4
90	Undecane	57	18.184	18.189	(1.207)	1307253	10.0000	9.7
91	n-Butylbenzene	91	18.210	18.216	(1.208)	2571367	10.0000	9.1
92	1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1384276	10.0000	8.3
93	Dodecane	57	19.623	19.628	(1.302)	1183311	10.0000	8.9
94	1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	1028521	10.0000	8.0
95	1,3-Hexachlorobutadiene	225	20.859	20.869	(1.384)	701486	10.0000	7.6
96	Naphthalene	128	21.158	21.169	(1.404)	2526817	10.0000	8.4
97	1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	863538	10.0000	7.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtk002.d	Date:	25-AUG-2010 15:36
Client ID:	ccvis 038951	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 038951		
Lab Sample ID:	ccvis 038951		



TestAmerica Burlington

Data file : /chem/F.i/Fsvr.p/fdtto15.b/fdt001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-AUG-2010 16:52
Operator : sv Inst ID: F.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/F.i/Fsvr.p/fdtto15.b/bfbto15.m
Meth Date : 17-Jul-2010 10:30 njr Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

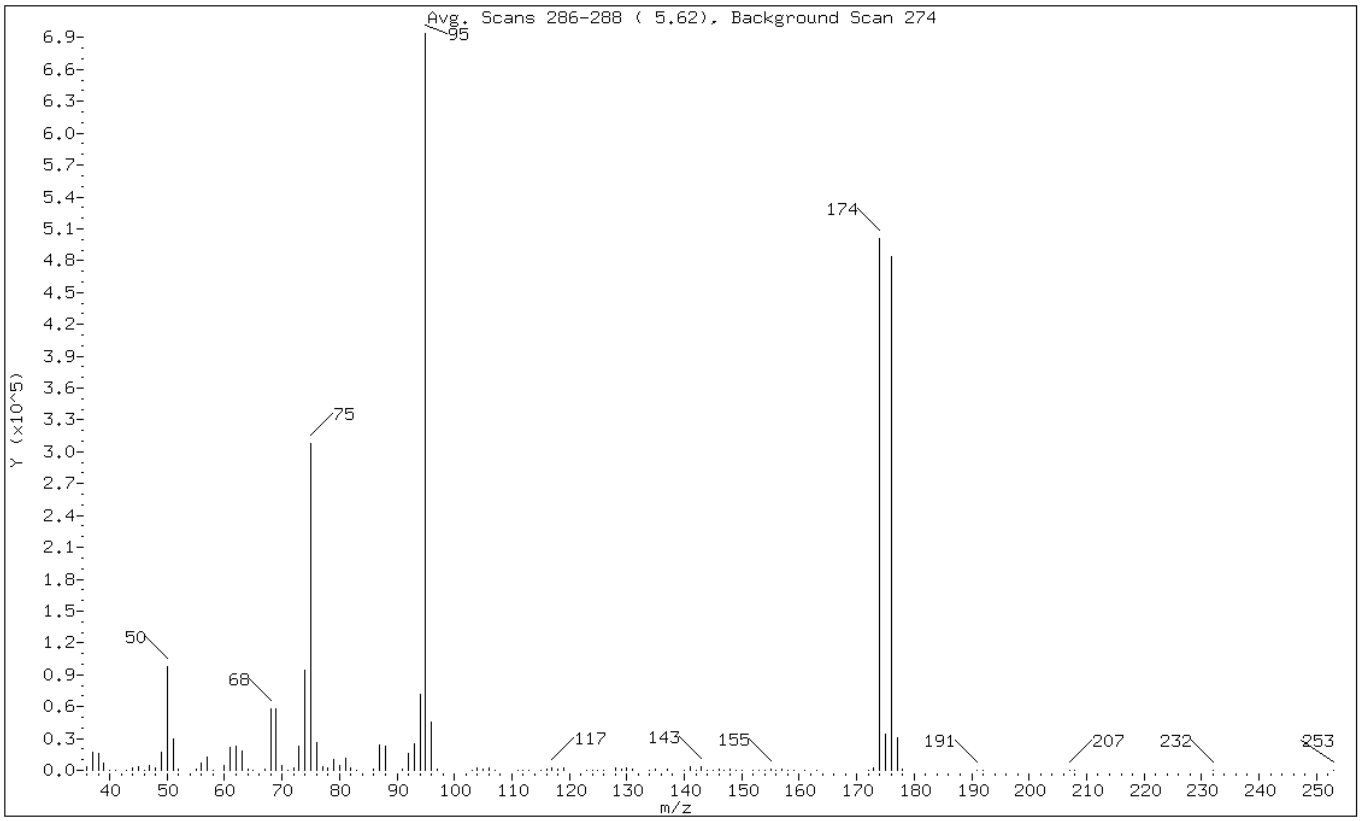
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.617	5.625	-0.008	95	693888			100.00- 100.00	100.00
5.617	5.625	-0.008	50	97705			8.00- 40.00	14.08
5.617	5.625	-0.008	75	307946			30.00- 66.00	44.38
5.617	5.625	-0.008	96	45883			5.00- 9.00	6.61
5.617	5.625	-0.008	173	2778			0.00- 2.00	0.55
5.617	5.625	-0.008	174	501013			50.00- 120.00	72.20
5.617	5.625	-0.008	175	34413			4.00- 9.00	6.87
5.617	5.625	-0.008	176	483456			93.00- 101.00	96.50
5.617	5.625	-0.008	177	30837			5.00- 9.00	6.38

Data File:	fdt001.d	Date:	12-AUG-2010 16:52
Client ID:	BFB	Instrument:	F.i
Operator:	sv	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.08
75	30.00 - 66.00% of mass 95	44.38
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.40 (0.55)
174	50.00 - 120.00% of mass 95	72.20
175	4.00 - 9.00% of mass 174	4.96 (6.87)
176	93.00 - 101.00% of mass 174	69.67 (96.50)
177	5.00 - 9.00% of mass 176	4.44 (6.38)

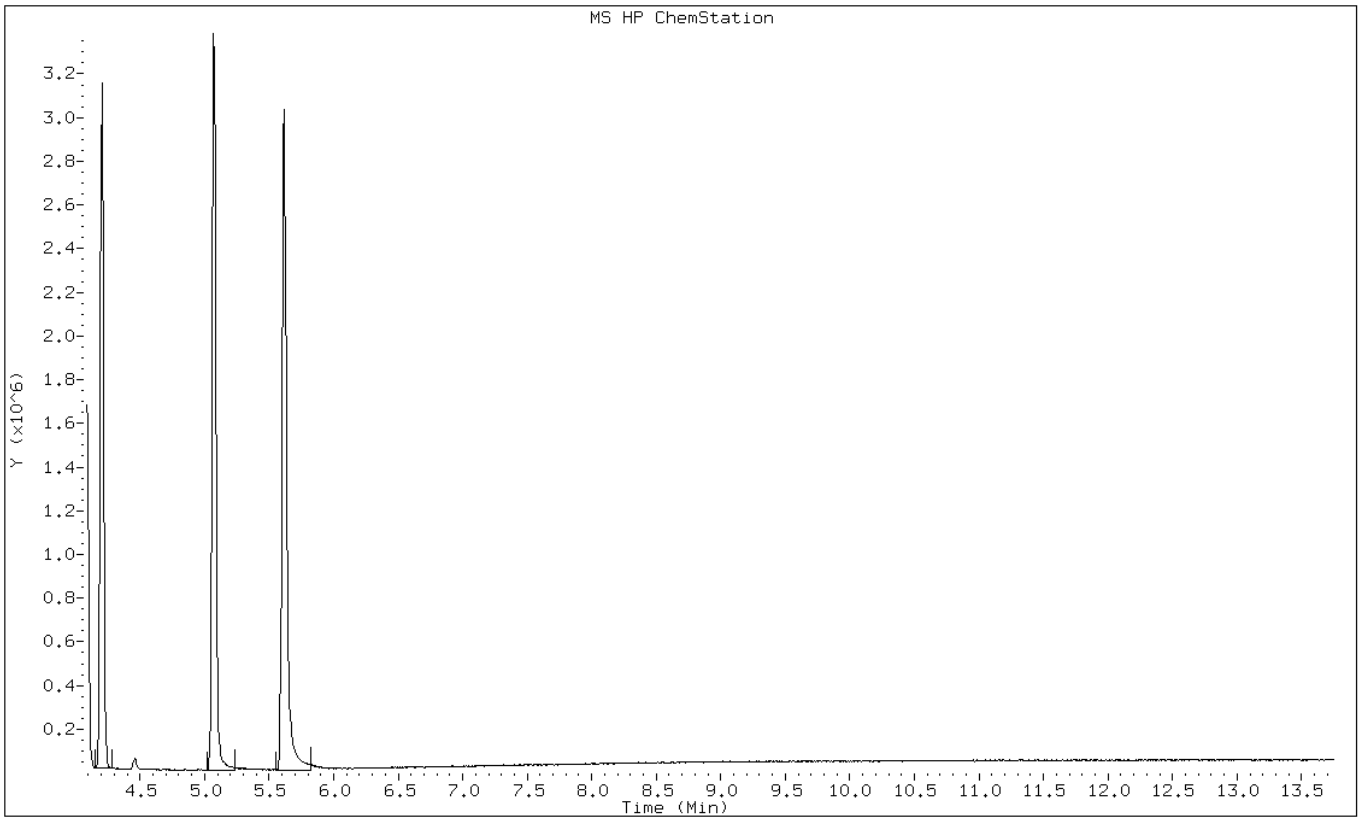
Data File: fdt001.d
Client ID: BFB
Operator: sv
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 12-AUG-2010 16:52
Instrument: F.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/F.i/Fsvr.p/fdtto15.b/fdt001.d
Spectrum: Avg. Scans 286-288 (5.62), Background Scan 274
Location of Maximum: 95.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3008	69.00	58216	106.00	1860	147.00	547
37.00	17544	70.00	4529	107.00	551	148.00	1255
38.00	16374	71.00	245	111.00	283	149.00	467
39.00	6721	72.00	2709	112.00	281	150.00	483
40.00	86	73.00	23192	113.00	301	152.00	268
41.00	145	74.00	94256	115.00	394	153.00	470
43.00	282	75.00	307904	116.00	1540	154.00	329
44.00	1832	76.00	25936	117.00	2724	155.00	1283
45.00	3817	77.00	3750	118.00	1622	156.00	375
46.00	262	78.00	2173	119.00	2254	157.00	876
47.00	4963	79.00	10705	123.00	68	158.00	234
48.00	2278	80.00	4194	124.00	269	159.00	498
49.00	17264	81.00	10883	125.00	104	161.00	563
50.00	97704	82.00	2810	126.00	203	163.00	81
51.00	29840	83.00	183	128.00	1910	172.00	226
52.00	1214	86.00	662	129.00	975	173.00	2778
55.00	1218	87.00	24200	130.00	1933	174.00	500992
56.00	6527	88.00	22704	131.00	854	175.00	34408
57.00	12859	91.00	1630	134.00	168	176.00	483456
58.00	447	92.00	16099	135.00	663	177.00	30832
60.00	4037	93.00	25168	137.00	647	178.00	769
61.00	21968	94.00	71008	140.00	259	191.00	210
62.00	22352	95.00	693888	141.00	3583	192.00	90
63.00	17688	96.00	45880	142.00	537	207.00	239
64.00	1482	97.00	1361	143.00	3713	208.00	1
65.00	166	103.00	304	144.00	299	232.00	77
67.00	1123	104.00	2091	145.00	401	253.00	58
68.00	58480	105.00	799	146.00	830		

Data File:	fdt001.d	Date:	12-AUG-2010 16:52
Client ID:	BFB	Instrument:	F.i
Operator:	sv	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 24-AUG-2010 15:53
Operator : wrd Inst ID: F.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/bfbto15.m
Meth Date : 17-Jul-2010 10:30 njr Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

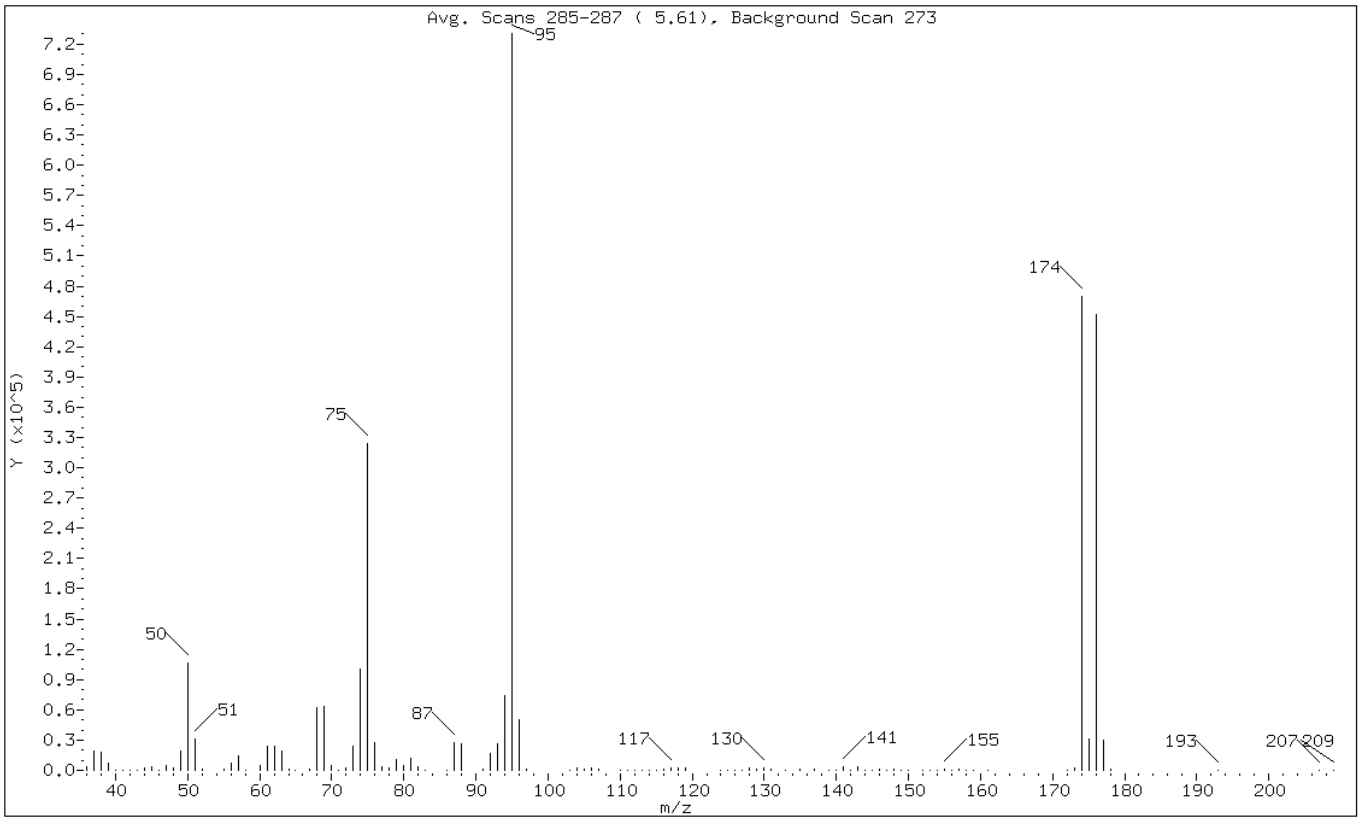
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.611	5.625	-0.014	95	730496			100.00- 100.00	100.00
5.611	5.625	-0.014	50	106473			8.00- 40.00	14.58
5.611	5.625	-0.014	75	323466			30.00- 66.00	44.28
5.611	5.625	-0.014	96	50183			5.00- 9.00	6.87
5.611	5.625	-0.014	173	2594			0.00- 2.00	0.55
5.611	5.625	-0.014	174	469461			50.00- 120.00	64.27
5.611	5.625	-0.014	175	31653			4.00- 9.00	6.74
5.611	5.625	-0.014	176	452053			93.00- 101.00	96.29
5.611	5.625	-0.014	177	29557			5.00- 9.00	6.54

Data File:	fdtj001.d	Date:	24-AUG-2010 15:53
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



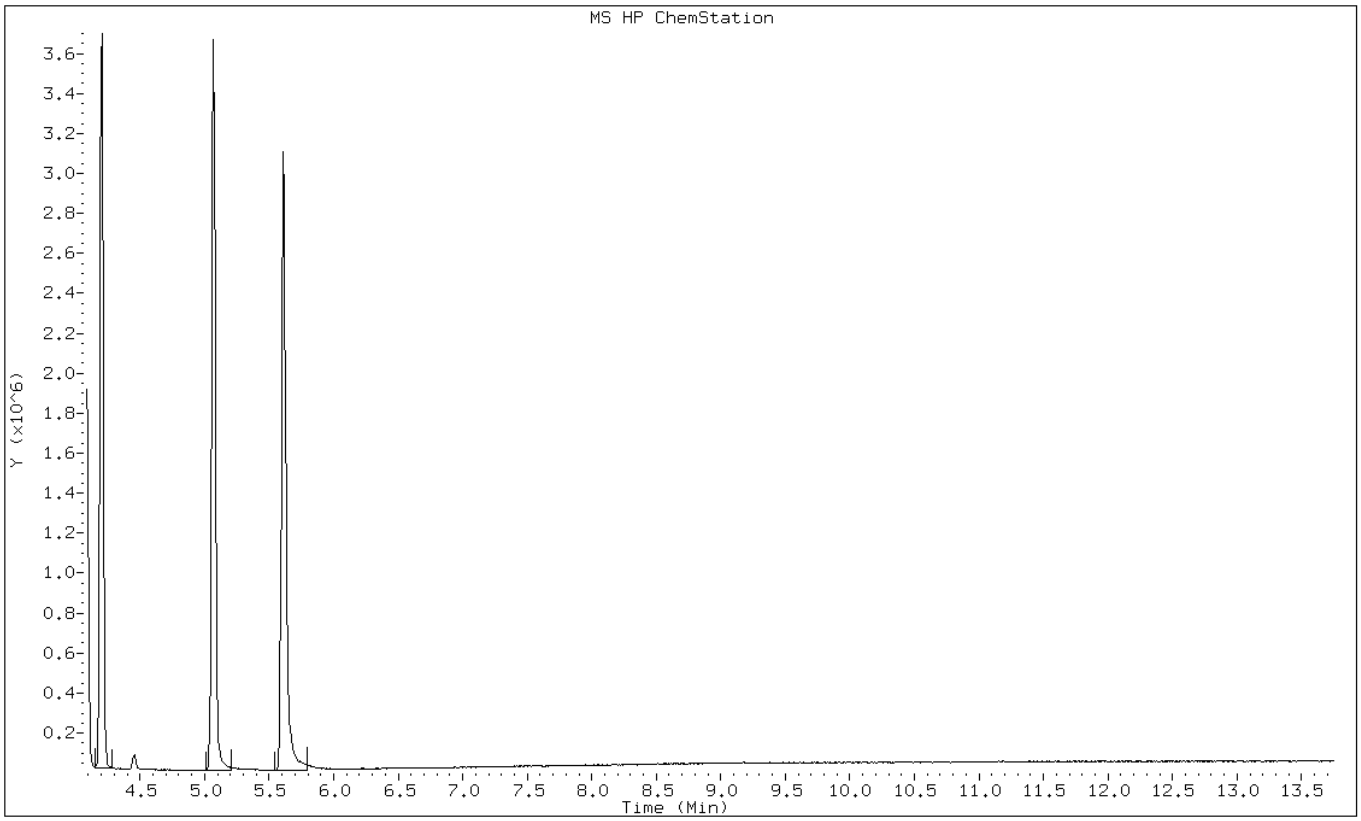
m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.58
75	30.00 - 66.00% of mass 95	44.28
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.36 (0.55)
174	50.00 - 120.00% of mass 95	64.27
175	4.00 - 9.00% of mass 174	4.33 (6.74)
176	93.00 - 101.00% of mass 174	61.88 (96.29)
177	5.00 - 9.00% of mass 176	4.05 (6.54)

Data File:	fdtj001.d	Date:	24-AUG-2010 15:53
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

Data File: /chem/F.i/Fsvr.p/fdtjto15.b/fdtj001.d
Spectrum: Avg. Scans 285-287 (5.61), Background Scan 273
Location of Maximum: 95.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3232	68.00	62528	105.00	844	143.00	3487
37.00	18872	69.00	63168	106.00	1850	144.00	139
38.00	17776	70.00	4749	107.00	612	145.00	296
39.00	7520	71.00	263	110.00	254	146.00	715
40.00	97	72.00	2827	111.00	325	147.00	495
41.00	78	73.00	24232	112.00	168	148.00	1214
42.00	152	74.00	100256	113.00	167	149.00	407
43.00	238	75.00	323456	114.00	71	150.00	443
44.00	1899	76.00	27080	115.00	533	152.00	290
45.00	4156	77.00	3390	116.00	1618	153.00	422
46.00	235	78.00	2002	117.00	2564	154.00	340
47.00	5380	79.00	10785	118.00	1829	155.00	1238
48.00	2447	80.00	4520	119.00	2409	156.00	300
49.00	18800	81.00	11688	124.00	274	157.00	900
50.00	106472	82.00	3236	125.00	74	158.00	69
51.00	31520	83.00	283	126.00	89	159.00	467
52.00	1241	86.00	531	127.00	176	161.00	541
55.00	1124	87.00	27472	128.00	1826	172.00	241
56.00	6910	88.00	26048	129.00	911	173.00	2594
57.00	14110	91.00	1521	130.00	1854	174.00	469440
58.00	575	92.00	16552	131.00	782	175.00	31648
60.00	4414	93.00	26248	133.00	29	176.00	452032
61.00	23576	94.00	74272	135.00	957	177.00	29552
62.00	23792	95.00	730496	137.00	663	178.00	859
63.00	18800	96.00	50176	139.00	73	193.00	246
64.00	1775	97.00	1536	140.00	263	207.00	191
65.00	275	103.00	338	141.00	3544	209.00	77
67.00	1335	104.00	2050	142.00	517		

Data File:	fdtj001.d	Date:	24-AUG-2010 15:53
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 25-AUG-2010 14:49
Operator : wrd Inst ID: F.i
Smp Info : BFB
Misc Info : BFB
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/bfbto15.m
Meth Date : 17-Jul-2010 10:30 njr Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

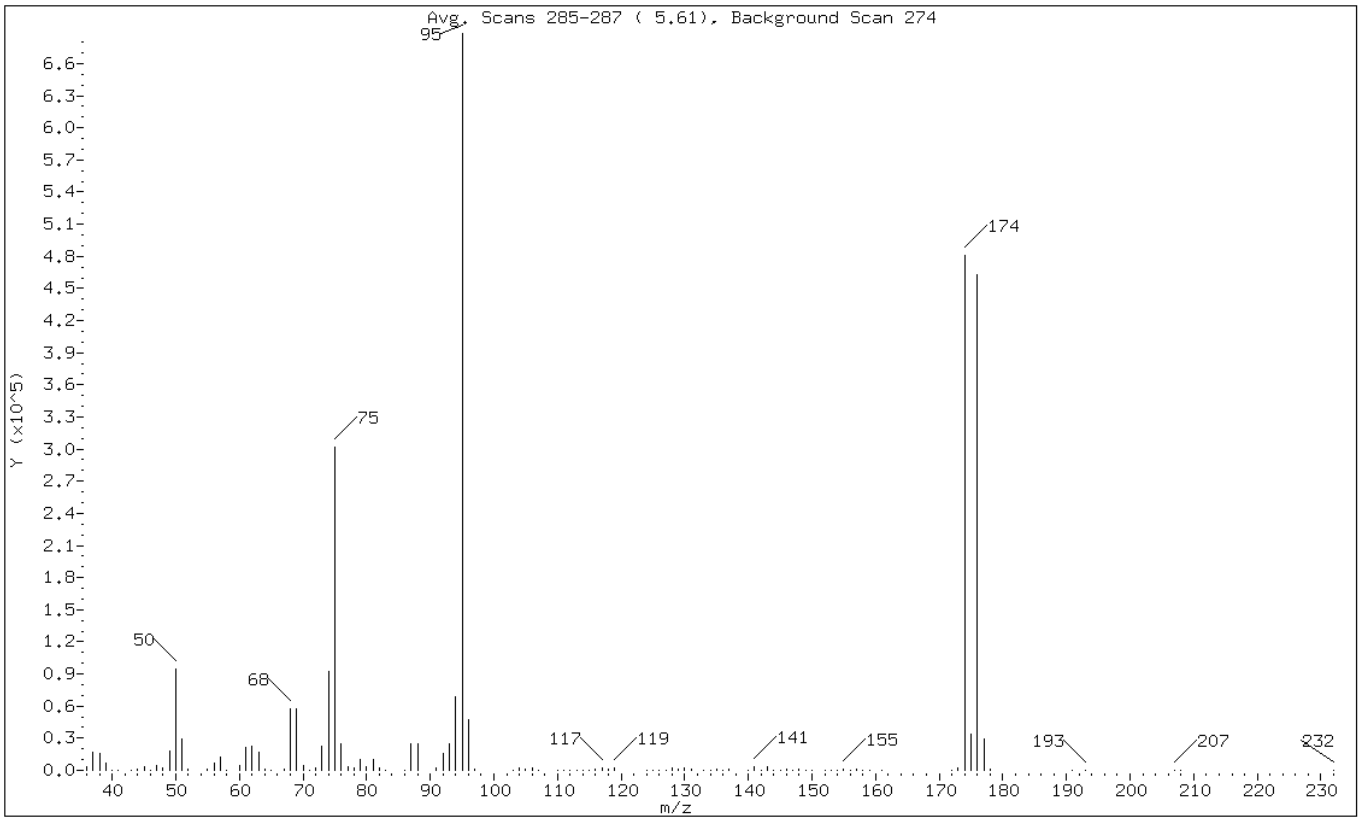
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.611	5.625	-0.014	95	688085			100.00- 100.00	100.00
5.611	5.625	-0.014	50	94413			8.00- 40.00	13.72
5.611	5.625	-0.014	75	302297			30.00- 66.00	43.93
5.611	5.625	-0.014	96	47601			5.00- 9.00	6.92
5.611	5.625	-0.014	173	2587			0.00- 2.00	0.54
5.611	5.625	-0.014	174	480832			50.00- 120.00	69.88
5.611	5.625	-0.014	175	33349			4.00- 9.00	6.94
5.611	5.625	-0.014	176	463104			93.00- 101.00	96.31
5.611	5.625	-0.014	177	29816			5.00- 9.00	6.44

Data File:	fdtk001.d	Date:	25-AUG-2010 14:49
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.72
75	30.00 - 66.00% of mass 95	43.93
96	5.00 - 9.00% of mass 95	6.92
173	Less than 2.00% of mass 174	0.38 (0.54)
174	50.00 - 120.00% of mass 95	69.88
175	4.00 - 9.00% of mass 174	4.85 (6.94)
176	93.00 - 101.00% of mass 174	67.30 (96.31)
177	5.00 - 9.00% of mass 176	4.33 (6.44)

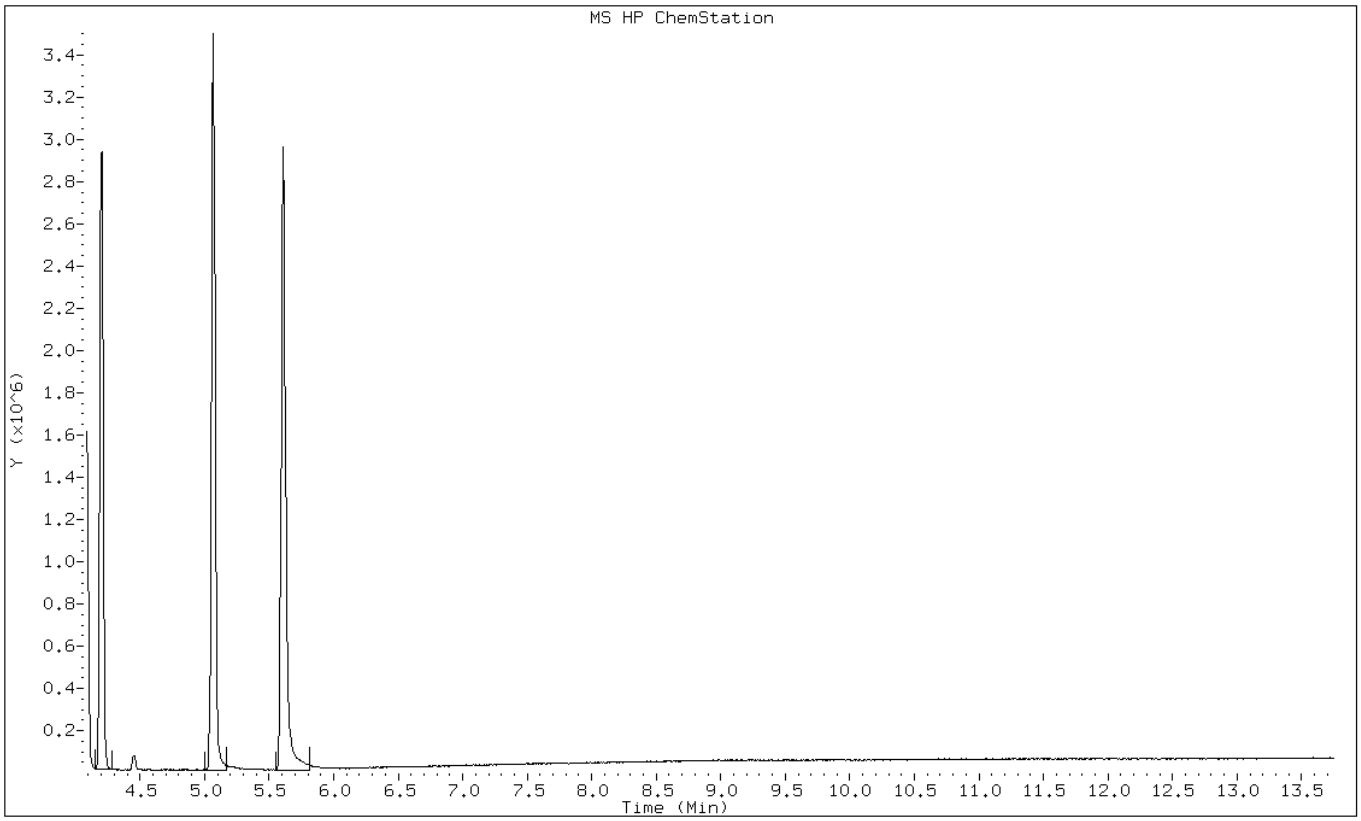
Data File: fdtk001.d
Client ID: BFB
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 25-AUG-2010 14:49
Instrument: F.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/F.i/Fsvr.p/fdtkto15.b/fdtk001.d
Spectrum: Avg. Scans 285-287 (5.61), Background Scan 274
Location of Maximum: 95.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2825	70.00	4612	110.00	169	146.00	668
37.00	16856	71.00	164	111.00	289	147.00	538
38.00	15739	72.00	2547	112.00	225	148.00	1307
39.00	6295	73.00	22960	113.00	300	149.00	415
40.00	34	74.00	92784	114.00	88	150.00	473
41.00	339	75.00	302272	115.00	547	152.00	196
43.00	186	76.00	25048	116.00	1582	153.00	479
44.00	1665	77.00	3070	117.00	2796	154.00	338
45.00	3800	78.00	2243	118.00	1547	155.00	1368
46.00	162	79.00	10083	119.00	2026	156.00	355
47.00	4508	80.00	3805	124.00	275	157.00	785
48.00	2252	81.00	10540	125.00	174	158.00	67
49.00	17760	82.00	2696	126.00	81	159.00	461
50.00	94408	83.00	187	127.00	343	161.00	507
51.00	29336	86.00	539	128.00	1913	172.00	254
52.00	1200	87.00	25040	129.00	847	173.00	2587
55.00	1144	88.00	24576	130.00	1994	174.00	480832
56.00	6380	91.00	1721	131.00	759	175.00	33344
57.00	12143	92.00	15841	133.00	262	176.00	463104
58.00	520	93.00	24312	134.00	196	177.00	29816
60.00	3970	94.00	68816	135.00	923	178.00	971
61.00	20904	95.00	688064	136.00	76	191.00	22
62.00	21968	96.00	47600	137.00	608	193.00	283
63.00	17192	97.00	1502	140.00	335	207.00	405
64.00	1517	103.00	138	141.00	3381	208.00	181
65.00	72	104.00	1879	142.00	423	232.00	69
67.00	1308	105.00	742	143.00	3364		
68.00	57568	106.00	1949	144.00	153		
69.00	57904	107.00	516	145.00	300		

Data File:	fdtk001.d	Date:	25-AUG-2010 14:49
Client ID:	BFB	Instrument:	F.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:	Capillary	Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.20	U	0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5588/3

Matrix: Air Lab File ID: fdtj004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 18:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	0.75	U	0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj004.d
Lab Smp Id: mb Client Smp ID: mb
Inj Date : 24-AUG-2010 18:25
Operator : wrd Inst ID: F.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/F.i/Fsvr.p/fdtito15.b/to15v5.m
Meth Date : 25-Aug-2010 11:00 klp Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

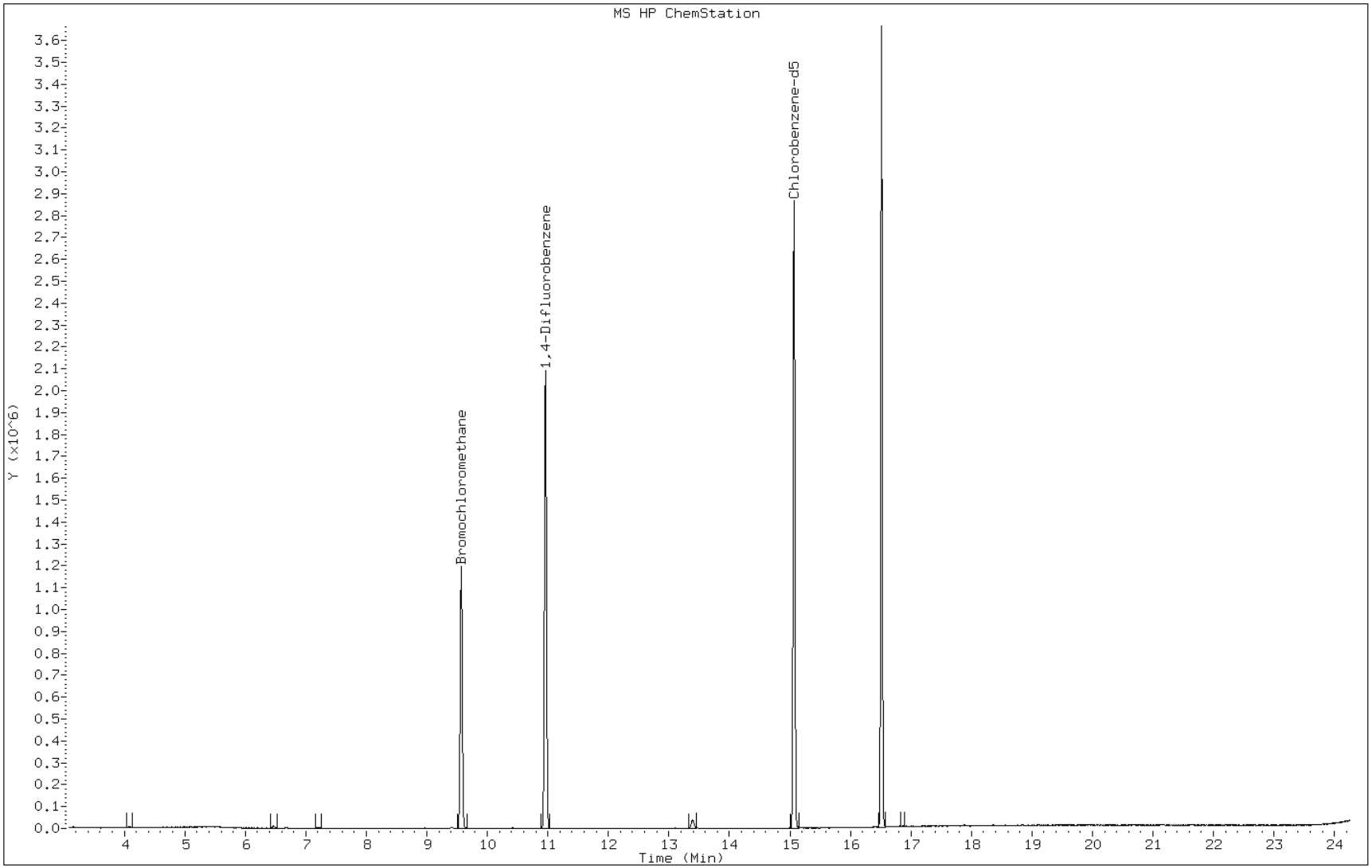
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.570	9.581	(1.000)	479821	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2352829	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62	2-Hexanone	43	Compound Not Detected.					
	63	Dibromochloromethane	129	Compound Not Detected.					
	64	1,2-Dibromoethane	107	Compound Not Detected.					
*	65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2148238	10.0000	
	66	Chlorobenzene	112	Compound Not Detected.					
	67	n-Nonane	57	Compound Not Detected.					
	68	Ethylbenzene	91	Compound Not Detected.					
	69	Xylene (m,p)	106	Compound Not Detected.					
M	70	Xylenes, Total	106	Compound Not Detected.					
	71	Xylene (o)	106	Compound Not Detected.					
	72	Styrene	104	Compound Not Detected.					
	73	Bromoform	173	Compound Not Detected.					
	74	Isopropylbenzene	105	Compound Not Detected.					
	75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76	n-Propylbenzene	91	Compound Not Detected.					
	77	1,2,3-Trichloropropane	75	Compound Not Detected.					
	78	n-Decane	57	Compound Not Detected.					
	79	4-Ethyltoluene	105	Compound Not Detected.					
	80	2-Chlorotoluene	91	Compound Not Detected.					
	81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82	Alpha Methyl Styrene	118	Compound Not Detected.					
	83	tert-butylbenzene	119	Compound Not Detected.					
	84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85	sec-Butylbenzene	105	Compound Not Detected.					
	86	4-Isopropyltoluene	119	Compound Not Detected.					
	87	1,3-Dichlorobenzene	146	Compound Not Detected.					
	88	1,4-Dichlorobenzene	146	Compound Not Detected.					
	89	Benzyl chloride	91	Compound Not Detected.					
	90	Undecane	57	Compound Not Detected.					
	91	n-Butylbenzene	91	Compound Not Detected.					
	92	1,2-Dichlorobenzene	146	Compound Not Detected.					
	93	Dodecane	57	Compound Not Detected.					
	94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96	Naphthalene	128	Compound Not Detected.					
	97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	199	1,1-Difluoroethane TIC	51	Compound Not Detected.					
	200	Chlorotrifluoroethene TIC	116	Compound Not Detected.					
	201	Pentafluoroethyl Chloride	85	Compound Not Detected.					
	202	22Dichloro111trifluoroethane	83	Compound Not Detected.					
	203	Acetic Acid Methyl Ester	43	Compound Not Detected.					
	204	Methylcyclohexane TIC	55	Compound Not Detected.					
	205	1,2Dibromom3chloropropane	75	Compound Not Detected.					

Data File:	fdtj004.d	Date:	24-AUG-2010 18:25
Client ID:	mb	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.20	U	0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-5661/4

Matrix: Air Lab File ID: fdtk004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	0.75	U	0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk004.d
Lab Smp Id: mb Client Smp ID: mb
Inj Date : 25-AUG-2010 17:17
Operator : wrd Inst ID: F.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 25-Aug-2010 11:00 klp Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

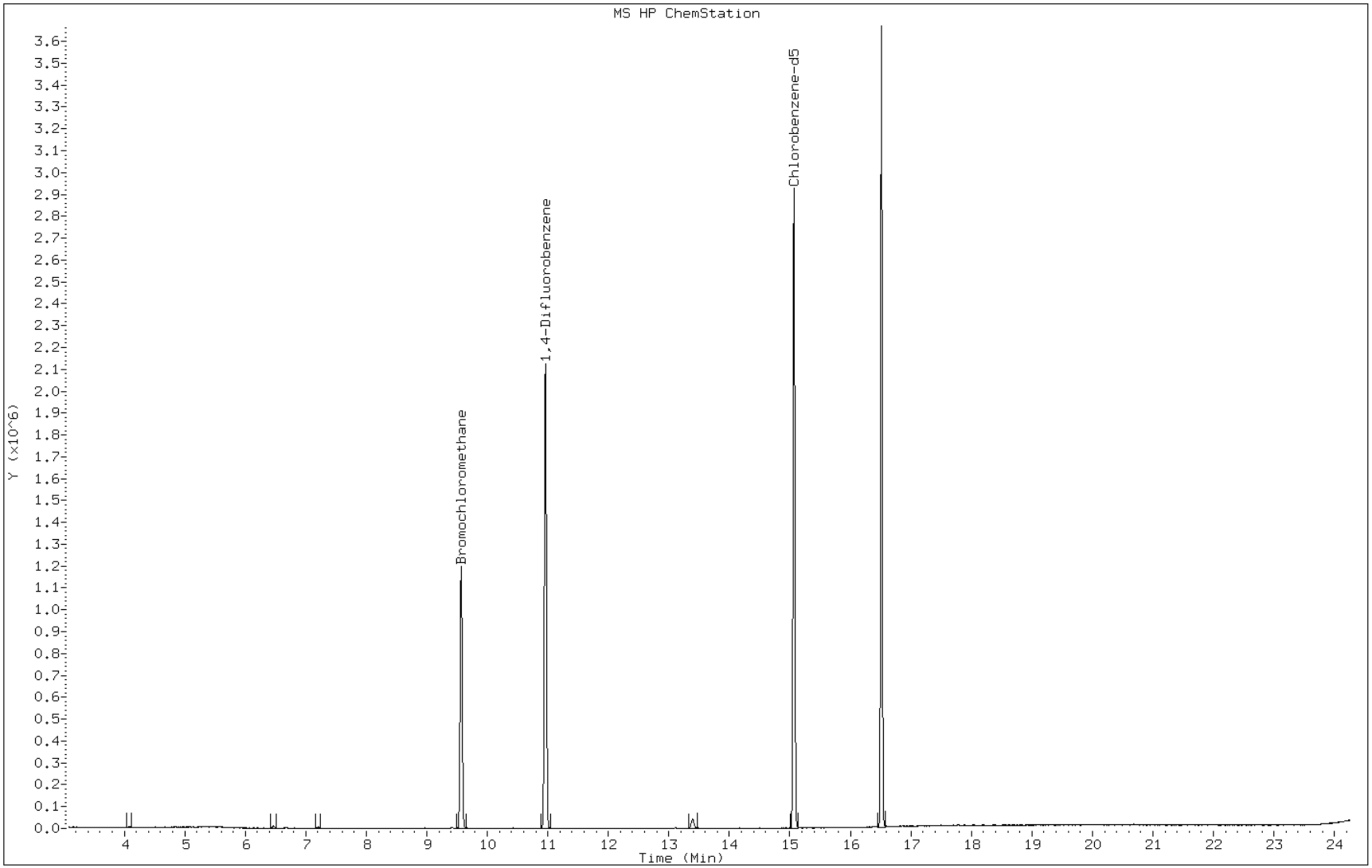
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	Compound Not Detected.					
21	Carbon disulfide	76	Compound Not Detected.					
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	Compound Not Detected.					
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	Compound Not Detected.					
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
29	Acrylonitrile	53	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37	Bromochloromethane	128	9.571	9.581	(1.000)	484386	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	Compound Not Detected.					
44	Benzene	78	Compound Not Detected.					
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	Compound Not Detected.					
* 47	1,4-Difluorobenzene	114	10.961	10.972	(1.000)	2403893	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ppb v/v)	(ppb v/v)
	62	2-Hexanone	43	Compound Not Detected.					
	63	Dibromochloromethane	129	Compound Not Detected.					
	64	1,2-Dibromoethane	107	Compound Not Detected.					
*	65	Chlorobenzene-d5	117	15.065	15.076	(1.000)	2200469	10.0000	
	66	Chlorobenzene	112	Compound Not Detected.					
	67	n-Nonane	57	Compound Not Detected.					
	68	Ethylbenzene	91	Compound Not Detected.					
	69	Xylene (m,p)	106	Compound Not Detected.					
M	70	Xylenes, Total	106	Compound Not Detected.					
	71	Xylene (o)	106	Compound Not Detected.					
	72	Styrene	104	Compound Not Detected.					
	73	Bromoform	173	Compound Not Detected.					
	74	Isopropylbenzene	105	Compound Not Detected.					
	75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76	n-Propylbenzene	91	Compound Not Detected.					
	77	1,2,3-Trichloropropane	75	Compound Not Detected.					
	78	n-Decane	57	Compound Not Detected.					
	79	4-Ethyltoluene	105	Compound Not Detected.					
	80	2-Chlorotoluene	91	Compound Not Detected.					
	81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82	Alpha Methyl Styrene	118	Compound Not Detected.					
	83	tert-butylbenzene	119	Compound Not Detected.					
	84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85	sec-Butylbenzene	105	Compound Not Detected.					
	86	4-Isopropyltoluene	119	Compound Not Detected.					
	87	1,3-Dichlorobenzene	146	Compound Not Detected.					
	88	1,4-Dichlorobenzene	146	Compound Not Detected.					
	89	Benzyl chloride	91	Compound Not Detected.					
	90	Undecane	57	Compound Not Detected.					
	91	n-Butylbenzene	91	Compound Not Detected.					
	92	1,2-Dichlorobenzene	146	Compound Not Detected.					
	93	Dodecane	57	Compound Not Detected.					
	94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96	Naphthalene	128	Compound Not Detected.					
	97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
	199	1,1-Difluoroethane TIC	51	Compound Not Detected.					
	200	Chlorotrifluoroethene TIC	116	Compound Not Detected.					
	201	Pentafluoroethyl Chloride	85	Compound Not Detected.					
	202	22Dichloro111trifluoroethane	83	Compound Not Detected.					
	203	Acetic Acid Methyl Ester	43	Compound Not Detected.					
	204	Methylcyclohexane TIC	55	Compound Not Detected.					
	205	1,2Dibromom3chloropropane	75	Compound Not Detected.					

Data File:	fdtk004.d	Date:	25-AUG-2010 17:17
Client ID:	mb	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5588/2

Matrix: Air Lab File ID: fdtj003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 17:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.51		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.00		0.20	0.012
74-87-3	Chloromethane	50.49	8.87		0.50	0.021
75-01-4	Vinyl chloride	62.50	9.61		0.20	0.025
106-99-0	1,3-Butadiene	54.09	9.72		0.20	0.027
74-83-9	Bromomethane	94.94	9.22		0.20	0.014
75-00-3	Chloroethane	64.52	9.28		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.1		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	9.43		0.20	0.050
76-13-1	Freon TF	187.38	10.8		0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	11.4		0.20	0.015
67-64-1	Acetone	58.08	8.88		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	8.86		5.0	0.043
75-15-0	Carbon disulfide	76.14	9.95		0.50	0.050
107-05-1	3-Chloropropene	76.53	8.76		0.50	0.029
75-09-2	Methylene Chloride	84.93	9.61		0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	8.94		5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	9.73		0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	9.36		0.20	0.050
110-54-3	n-Hexane	86.17	9.41		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	9.53		0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	9.83		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	10.8		0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	20.1		0.20	0.10
67-66-3	Chloroform	119.38	9.59		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	9.79		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	9.53		0.20	0.050
110-82-7	Cyclohexane	84.16	10.1		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	9.64		0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	9.49		0.20	0.013
71-43-2	Benzene	78.11	9.06		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	9.14		0.20	0.015
142-82-5	n-Heptane	100.21	9.11		0.20	0.027
79-01-6	Trichloroethene	131.39	9.74		0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5588/2

Matrix: Air Lab File ID: fdtj003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/24/2010 17:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5588 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	9.25		0.20	0.016
123-91-1	1,4-Dioxane	88.11	9.77		5.0	0.035
75-27-4	Bromodichloromethane	163.83	10.4		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.44		0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	9.61		0.50	0.064
108-88-3	Toluene	92.14	9.94		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	9.19		0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	9.62		0.20	0.050
127-18-4	Tetrachloroethene	165.83	9.44		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.2		0.50	0.028
124-48-1	Dibromochloromethane	208.29	10.6		0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.012
108-90-7	Chlorobenzene	112.30	9.47		0.20	0.050
100-41-4	Ethylbenzene	106.17	9.79		0.20	0.014
179601-23-1	m,p-Xylene	106.17	19.5		0.50	0.023
95-47-6	Xylene, o-	106.17	9.54		0.20	0.050
1330-20-7	Xylene (total)	106.17	29.1		0.20	0.15
100-42-5	Styrene	104.15	10.1		0.20	0.050
75-25-2	Bromoform	252.75	9.57		0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.27		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	9.68		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	9.46		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	9.66		0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	9.24		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	8.66		0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	8.60		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	8.63		0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	7.56		0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	7.34		0.20	0.022

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtjto15.b/fdtj003.d
Lab Smp Id: lcs 40608 Client Smp ID: lcs 40608
Inj Date : 24-AUG-2010 17:34
Operator : wrd Inst ID: F.i
Smp Info : lcs 40608
Misc Info : 200,1,lcs
Comment :
Method : /chem/F.i/Fsvr.p/fdtjto15.b/to15v5.m
Meth Date : 26-Aug-2010 10:21 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.156	3.156	(0.330)	186137	8.64559	8.6
2	Dichlorodifluoromethane	85	3.215	3.221	(0.336)	981965	9.51457	9.5
3	Chlorodifluoromethane	51	3.253	3.253	(0.340)	471312	9.02571	9.0
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	969308	8.99755	9.0
5	Chloromethane	50	3.568	3.574	(0.373)	265278	8.86502	8.9
6	Butane	43	3.750	3.756	(0.392)	442374	8.92469	8.9
7	Vinyl chloride	62	3.788	3.793	(0.396)	357584	9.61475	9.6
8	1,3-Butadiene	54	3.857	3.863	(0.403)	266681	9.71818	9.7
9	Bromomethane	94	4.537	4.542	(0.474)	413398	9.22168	9.2
10	Chloroethane	64	4.756	4.761	(0.497)	202602	9.28497	9.3
11	2-Methylbutane	43	4.841	4.842	(0.506)	360560	8.50458	8.5
12	Vinyl bromide	106	5.146	5.152	(0.538)	439378	10.0630	10
13	Trichlorofluoromethane	101	5.243	5.243	(0.548)	1195936	9.43484	9.4
14	Pentane	43	5.371	5.377	(0.561)	517045	9.01274	9.0

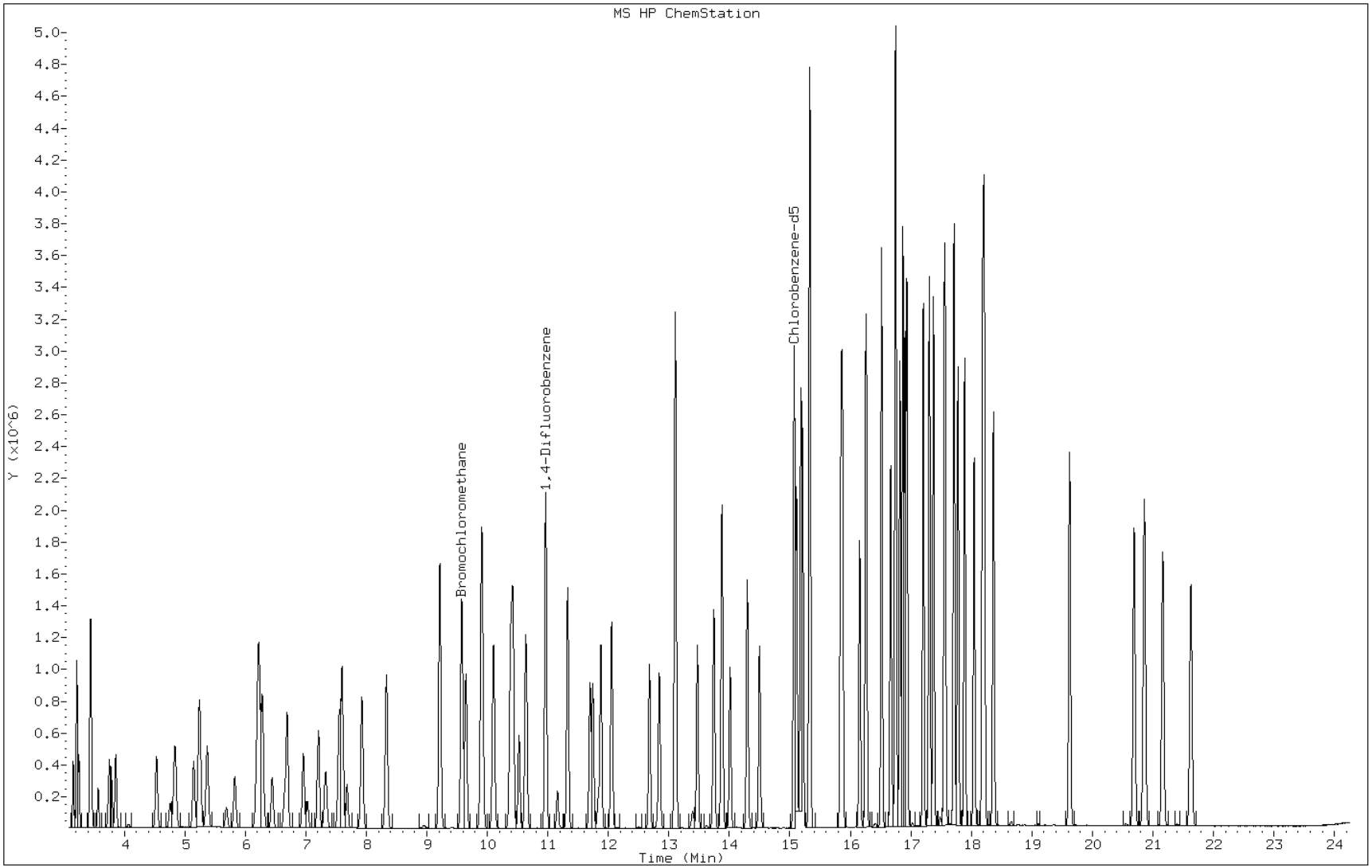
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	200155	13.9981	14
	16 Ethyl ether	59	5.826	5.831	(0.609)	291965	8.83096	8.8
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	1016619	10.8032	11
	18 Acrolein	56	6.174	6.179	(0.645)	132530	8.21497	8.2
	19 1,1-Dichloroethene	96	6.286	6.291	(0.657)	512573	11.3571	11
	20 Acetone	43	6.441	6.446	(0.673)	542835	8.87738	8.9
	21 Carbon disulfide	76	6.692	6.698	(0.699)	1407134	9.94882	9.9
	22 Isopropanol	45	6.650	6.655	(0.695)	385149	8.85635	8.9
	23 Allyl chloride	41	6.960	6.965	(0.727)	392882	8.76119	8.8
	24 Acetonitrile	41	7.029	7.035	(0.734)	239059	9.38027	9.4
	25 Methylene chloride	49	7.206	7.211	(0.753)	411322	9.60742	9.6
	26 Tert-butyl alcohol	59	7.329	7.329	(0.766)	704298	8.94229	8.9
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.790)	1381482	9.73302	9.7
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	633552	9.36139	9.4
	29 Acrylonitrile	53	7.677	7.688	(0.802)	280547	9.55705	9.6
	30 n-Hexane	57	7.928	7.934	(0.828)	639267	9.40518	9.4
	31 1,1-Dichloroethane	63	8.329	8.335	(0.870)	777996	9.52941	9.5
	32 Vinyl acetate	43	8.340	8.346	(0.871)	863742	9.55736	9.6
M	33 1,2-Dichloroethene,Total	61				1163147	20.1461	20
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.963)	529595	10.7847	11
	35 Ethyl acetate	88	9.228	9.228	(0.964)	45082	10.7643	11(Q)
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.963)	228699	9.82612	9.8(Q)
*	37 Bromochloromethane	128	9.571	9.581	(1.000)	480713	10.0000	
	38 Tetrahydrofuran	42	9.592	9.597	(0.875)	358900	9.78828	9.8
	39 Chloroform	83	9.646	9.651	(1.008)	1038295	9.59082	9.6
	40 Cyclohexane	84	9.913	9.918	(0.904)	685729	10.0679	10
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	1083471	9.52547	9.5
	42 Carbon tetrachloride	117	10.106	10.111	(0.921)	1047934	9.64370	9.6
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1955045	9.48986	9.5
	44 Benzene	78	10.427	10.432	(0.951)	1450964	9.05921	9.1
	45 1,2-Dichloroethane	62	10.523	10.528	(0.960)	622264	9.14431	9.1
	46 n-Heptane	43	10.641	10.641	(0.970)	604729	9.11405	9.1
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2367622	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.018)	189327	9.20780	9.2
	49 Trichloroethene	95	11.325	11.331	(1.033)	676207	9.74345	9.7
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	461987	9.24958	9.2
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	496662	10.0630	10
	52 Dibromomethane	174	11.882	11.887	(1.083)	544573	10.2649	10
	53 1,4-Dioxane	88	11.834	11.839	(1.079)	202011	9.77277	9.8
	54 Bromodichloromethane	83	12.053	12.058	(1.099)	1156020	10.4218	10
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.156)	812625	9.43895	9.4
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	790297	9.60507	9.6
	57 n-Octane	43	13.107	13.107	(1.195)	810154	9.13696	9.1
	58 Toluene	92	13.112	13.118	(0.870)	1081795	9.93555	9.9
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.228)	869000	9.18882	9.2
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	514413	9.62137	9.6
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	820669	9.43915	9.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	14.016	14.022	(0.930)	771946	10.2152	10
	63 Dibromochloromethane	129	14.294	14.300	(0.949)	1125537	10.5998	11
	64 1,2-Dibromoethane	107	14.498	14.503	(0.962)	1018293	10.0404	10
*	65 Chlorobenzene-d5	117	15.070	15.076	(1.000)	2205891	10.0000	
	66 Chlorobenzene	112	15.108	15.113	(1.002)	1465479	9.47084	9.5
	67 n-Nonane	57	15.209	15.215	(1.009)	934089	9.77387	9.8
	68 Ethylbenzene	91	15.182	15.188	(1.007)	2423695	9.79100	9.8
	69 Xylene (m,p)	106	15.332	15.332	(1.017)	1876484	19.5418	20
M	70 Xylenes, Total	106				2789874	29.0855	29
	71 Xylene (o)	106	15.846	15.846	(1.051)	913390	9.54368	9.5
	72 Styrene	104	15.867	15.873	(1.053)	1436085	10.1021	10
	73 Bromoform	173	16.156	16.162	(1.072)	943998	9.56580	9.6
	74 Isopropylbenzene	105	16.258	16.263	(1.079)	2718451	9.68035	9.7
	75 1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1338676	9.27085	9.3
	76 n-Propylbenzene	91	16.739	16.745	(1.111)	3255370	9.76240	9.8
	77 1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1033172	9.72406	9.7
	78 n-Decane	57	16.819	16.820	(1.116)	1191566	9.75580	9.8
	79 4-Ethyltoluene	105	16.868	16.873	(1.119)	2847723	9.67853	9.7
	80 2-Chlorotoluene	91	16.905	16.905	(1.122)	2609825	9.66036	9.7
	81 1,3,5-Trimethylbenzene	105	16.937	16.937	(1.124)	2280512	9.45529	9.5
	82 Alpha Methyl Styrene	118	17.205	17.205	(1.142)	1194508	10.2666	10
	83 tert-butylbenzene	119	17.306	17.306	(1.148)	2179795	9.46126	9.5
	84 1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	2279048	9.23587	9.2
	85 sec-Butylbenzene	105	17.558	17.563	(1.165)	3343605	9.62289	9.6
	86 4-Isopropyltoluene	119	17.713	17.718	(1.175)	2778202	9.54403	9.5
	87 1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1467691	8.66246	8.7
	88 1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1482035	8.60196	8.6
	89 Benzyl chloride	91	18.045	18.045	(1.197)	2168398	10.0199	10
	90 Undecane	57	18.184	18.189	(1.207)	1334922	10.1197	10
	91 n-Butylbenzene	91	18.210	18.216	(1.208)	2687393	9.80760	9.8
	92 1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1397890	8.62802	8.6
	93 Dodecane	57	19.623	19.628	(1.302)	1190735	9.19525	9.2
	94 1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	952997	7.56456	7.6
	95 1,3-Hexachlorobutadiene	225	20.858	20.869	(1.384)	661274	7.33740	7.3
	96 Naphthalene	128	21.163	21.169	(1.404)	2461068	8.39351	8.4
	97 1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	847026	7.66326	7.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtj003.d	Date:	24-AUG-2010 17:34
Client ID:	lcs 40608	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 40608		
Lab Sample ID:	lcs 40608		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5661/3

Matrix: Air Lab File ID: fdtk003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 16:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.92		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.81		0.20	0.012
74-87-3	Chloromethane	50.49	8.74		0.50	0.021
75-01-4	Vinyl chloride	62.50	9.59		0.20	0.025
106-99-0	1,3-Butadiene	54.09	9.61		0.20	0.027
74-83-9	Bromomethane	94.94	9.12		0.20	0.014
75-00-3	Chloroethane	64.52	9.26		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.89		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	9.32		0.20	0.050
76-13-1	Freon TF	187.38	10.9		0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	11.4		0.20	0.015
67-64-1	Acetone	58.08	8.71		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	8.58		5.0	0.043
75-15-0	Carbon disulfide	76.14	9.86		0.50	0.050
107-05-1	3-Chloropropene	76.53	8.76		0.50	0.029
75-09-2	Methylene Chloride	84.93	9.38		0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	8.80		5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	9.69		0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	9.32		0.20	0.050
110-54-3	n-Hexane	86.17	9.28		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	9.50		0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	9.75		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	10.9		0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	20.3		0.20	0.10
67-66-3	Chloroform	119.38	9.58		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	9.68		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	9.51		0.20	0.050
110-82-7	Cyclohexane	84.16	10.0		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	9.72		0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	9.37		0.20	0.013
71-43-2	Benzene	78.11	9.01		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	9.02		0.20	0.015
142-82-5	n-Heptane	100.21	9.00		0.20	0.027
79-01-6	Trichloroethene	131.39	9.70		0.20	0.014

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-5661/3

Matrix: Air Lab File ID: fdtk003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/25/2010 16:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 5661 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
78-87-5	1,2-Dichloropropane	112.99	9.14		0.20	0.016
123-91-1	1,4-Dioxane	88.11	9.67		5.0	0.035
75-27-4	Bromodichloromethane	163.83	10.4		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.24		0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	9.42		0.50	0.064
108-88-3	Toluene	92.14	10.0		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	9.08		0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	9.66		0.20	0.050
127-18-4	Tetrachloroethene	165.83	9.54		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.2		0.50	0.028
124-48-1	Dibromochloromethane	208.29	10.7		0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	10.1		0.20	0.012
108-90-7	Chlorobenzene	112.30	9.65		0.20	0.050
100-41-4	Ethylbenzene	106.17	9.87		0.20	0.014
179601-23-1	m,p-Xylene	106.17	19.8		0.50	0.023
95-47-6	Xylene, o-	106.17	9.78		0.20	0.050
1330-20-7	Xylene (total)	106.17	29.5		0.20	0.15
100-42-5	Styrene	104.15	10.4		0.20	0.050
75-25-2	Bromoform	252.75	10.1		0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.42		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	10.0		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	9.71		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	9.86		0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	9.44		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	9.03		0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	8.91		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	8.75		0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	7.87		0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	7.81		0.20	0.022

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/F.i/Fsvr.p/fdtkto15.b/fdtk003.d
Lab Smp Id: lcs 40608 Client Smp ID: lcs 40608
Inj Date : 25-AUG-2010 16:27
Operator : wrd Inst ID: F.i
Smp Info : lcs 40608
Misc Info : 200,1,lcs
Comment :
Method : /chem/F.i/Fsvr.p/fdtkto15.b/to15v5.m
Meth Date : 27-Aug-2010 08:13 wrd Quant Type: ISTD
Cal Date : 12-AUG-2010 20:19 Cal File: fdt004.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.156	3.156	(0.330)	186827	8.46680	8.5
2	Dichlorodifluoromethane	85	3.215	3.221	(0.336)	1049726	9.92399	9.9
3	Chlorodifluoromethane	51	3.253	3.253	(0.340)	475482	8.88432	8.9
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.440	3.445	(0.359)	1082603	9.80504	9.8
5	Chloromethane	50	3.568	3.574	(0.373)	268028	8.73929	8.7
6	Butane	43	3.750	3.756	(0.392)	446399	8.78708	8.8
7	Vinyl chloride	62	3.788	3.793	(0.396)	365380	9.58566	9.6
8	1,3-Butadiene	54	3.857	3.863	(0.403)	270417	9.61488	9.6
9	Bromomethane	94	4.537	4.542	(0.474)	419208	9.12407	9.1
10	Chloroethane	64	4.761	4.761	(0.497)	207002	9.25612	9.3
11	2-Methylbutane	43	4.836	4.842	(0.505)	363700	8.37021	8.4
12	Vinyl bromide	106	5.146	5.152	(0.537)	442738	9.89356	9.9
13	Trichlorofluoromethane	101	5.243	5.243	(0.547)	1211432	9.32488	9.3
14	Pentane	43	5.371	5.377	(0.561)	523436	8.90245	8.9

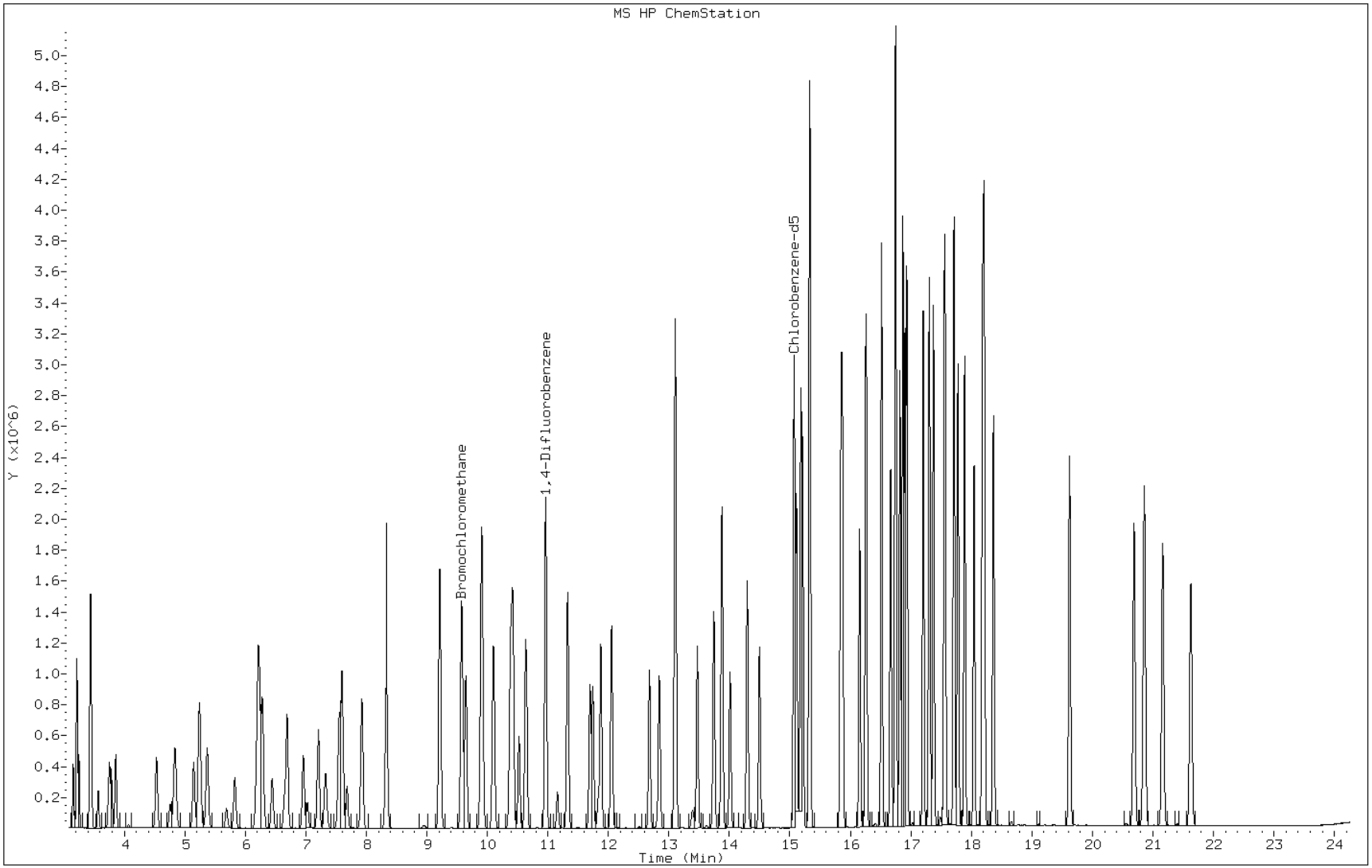
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.687	5.687	(0.594)	199212	13.5936	14
	16 Ethyl ether	59	5.826	5.831	(0.608)	298387	8.80592	8.8
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.222	6.227	(0.650)	1051961	10.9071	11
	18 Acrolein	56	6.179	6.179	(0.645)	131735	7.96728	8.0
	19 1,1-Dichloroethene	96	6.286	6.291	(0.656)	525928	11.3698	11
	20 Acetone	43	6.441	6.446	(0.673)	546137	8.71437	8.7
	21 Carbon disulfide	76	6.692	6.698	(0.699)	1429360	9.86042	9.9
	22 Isopropanol	45	6.650	6.655	(0.694)	382242	8.57594	8.6
	23 Allyl chloride	41	6.960	6.965	(0.727)	402550	8.75867	8.8
	24 Acetonitrile	41	7.030	7.035	(0.734)	239699	9.17686	9.2
	25 Methylene chloride	49	7.206	7.211	(0.752)	411577	9.37980	9.4
	26 Tert-butyl alcohol	59	7.324	7.329	(0.765)	710572	8.80274	8.8
	27 Methyl tert-butyl ether	73	7.559	7.565	(0.789)	1409075	9.68621	9.7
	28 1,2-Dichloroethene (trans)	61	7.602	7.607	(0.794)	646438	9.31971	9.3
	29 Acrylonitrile	53	7.682	7.688	(0.802)	280544	9.32474	9.3
	30 n-Hexane	57	7.928	7.934	(0.828)	646642	9.28252	9.3
	31 1,1-Dichloroethane	63	8.329	8.335	(0.870)	795132	9.50266	9.5
	32 Vinyl acetate	43	8.340	8.346	(0.871)	877958	9.47862	9.5
M	33 1,2-Dichloroethene,Total	61				1196812	20.2553	20
	34 1,2-Dichloroethene (cis)	96	9.212	9.218	(0.962)	550374	10.9356	11
	35 Ethyl acetate	88	9.228	9.228	(0.964)	46383	10.8059	11
	36 Methyl Ethyl Ketone	72	9.212	9.218	(0.962)	232630	9.75217	9.8(Q)
*	37 Bromochloromethane	128	9.576	9.581	(1.000)	492684	10.0000	
	38 Tetrahydrofuran	42	9.597	9.597	(0.875)	363850	9.67884	9.7
	39 Chloroform	83	9.646	9.651	(1.007)	1062402	9.57505	9.6
	40 Cyclohexane	84	9.913	9.918	(0.904)	700149	10.0264	10
	41 1,1,1-Trichloroethane	97	9.902	9.902	(0.903)	1109041	9.51009	9.5
	42 Carbon tetrachloride	117	10.100	10.111	(0.921)	1082981	9.72072	9.7
	43 2,2,4-Trimethylpentane	57	10.389	10.395	(0.947)	1978318	9.36628	9.4
	44 Benzene	78	10.427	10.432	(0.951)	1479886	9.01218	9.0
	45 1,2-Dichloroethane	62	10.528	10.528	(0.960)	629224	9.01881	9.0
	46 n-Heptane	43	10.635	10.641	(0.970)	611919	8.99523	9.0
*	47 1,4-Difluorobenzene	114	10.967	10.972	(1.000)	2427417	10.0000	
	48 n-Butanol	56	11.159	11.165	(1.018)	188307	8.93260	8.9
	49 Trichloroethene	95	11.325	11.331	(1.033)	689860	9.69532	9.7
	50 1,2-Dichloropropane	63	11.700	11.700	(1.067)	468222	9.14349	9.1
	51 Methyl methacrylate	69	11.743	11.748	(1.071)	502163	9.92380	9.9
	52 Dibromomethane	174	11.882	11.887	(1.083)	556698	10.2350	10
	53 1,4-Dioxane	88	11.834	11.839	(1.079)	204879	9.66737	9.7
	54 Bromodichloromethane	83	12.053	12.058	(1.099)	1178896	10.3662	10
	55 1,3-Dichloropropene (cis)	75	12.679	12.684	(1.156)	815416	9.23806	9.2
	56 Methyl isobutyl ketone	43	12.839	12.839	(1.171)	794546	9.41884	9.4
	57 n-Octane	43	13.101	13.107	(1.195)	813978	8.95396	9.0
	58 Toluene	92	13.112	13.118	(0.870)	1101899	10.0241	10
	59 1,3-Dichloropropene (trans)	75	13.471	13.476	(1.228)	880765	9.08381	9.1
	60 1,1,2-Trichloroethane	83	13.743	13.749	(0.912)	521188	9.65550	9.7
	61 Tetrachloroethene	166	13.877	13.883	(0.921)	837057	9.53620	9.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	14.011	14.022	(0.930)	778625	10.2057	10
63	Dibromochloromethane	129	14.294	14.300	(0.949)	1146075	10.6907	11
64	1,2-Dibromoethane	107	14.498	14.503	(0.962)	1036511	10.1230	10
* 65	Chlorobenzene-d5	117	15.070	15.076	(1.000)	2227043	10.0000	
66	Chlorobenzene	112	15.108	15.113	(1.002)	1507899	9.65243	9.7
67	n-Nonane	57	15.209	15.215	(1.009)	944211	9.78594	9.8
68	Ethylbenzene	91	15.182	15.188	(1.007)	2466788	9.87044	9.9
69	Xylene (m,p)	106	15.332	15.332	(1.017)	1916814	19.7722	20
M 70	Xylenes, Total	106				2861504	29.5492	30
71	Xylene (o)	106	15.846	15.846	(1.051)	944690	9.77698	9.8
72	Styrene	104	15.867	15.873	(1.053)	1495346	10.4191	10
73	Bromoform	173	16.156	16.162	(1.072)	1008800	10.1254	10
74	Isopropylbenzene	105	16.258	16.263	(1.079)	2840430	10.0187	10
75	1,1,2,2-Tetrachloroethane	83	16.670	16.670	(1.106)	1372769	9.41666	9.4
76	n-Propylbenzene	91	16.739	16.745	(1.111)	3346785	9.94122	9.9
77	1,2,3-Trichloropropane	75	16.750	16.755	(1.111)	1049857	9.78725	9.8
78	n-Decane	57	16.814	16.820	(1.116)	1204830	9.77071	9.8
79	4-Ethyltoluene	105	16.868	16.873	(1.119)	2974214	10.0124	10
80	2-Chlorotoluene	91	16.900	16.905	(1.121)	2688646	9.85760	9.9
81	1,3,5-Trimethylbenzene	105	16.932	16.937	(1.124)	2364398	9.70998	9.7
82	Alpha Methyl Styrene	118	17.205	17.205	(1.142)	1239661	10.5535	11
83	tert-butylbenzene	119	17.306	17.306	(1.148)	2263850	9.73277	9.7
84	1,2,4-Trimethylbenzene	105	17.376	17.376	(1.153)	2350568	9.43523	9.4
85	sec-Butylbenzene	105	17.558	17.563	(1.165)	3468276	9.88689	9.9
86	4-Isopropyltoluene	119	17.713	17.718	(1.175)	2904953	9.88468	9.9
87	1,3-Dichlorobenzene	146	17.777	17.782	(1.180)	1544650	9.03009	9.0
88	1,4-Dichlorobenzene	146	17.889	17.895	(1.187)	1550571	8.91428	8.9
89	Benzyl chloride	91	18.045	18.045	(1.197)	2213741	10.1323	10
90	Undecane	57	18.184	18.189	(1.207)	1344749	10.0974	10
91	n-Butylbenzene	91	18.210	18.216	(1.208)	2721690	9.83843	9.8
92	1,2-Dichlorobenzene	146	18.366	18.371	(1.219)	1431750	8.75308	8.8
93	Dodecane	57	19.623	19.628	(1.302)	1196546	9.15237	9.2
94	1,2,4-Trichlorobenzene	180	20.687	20.693	(1.373)	1000779	7.86839	7.9
95	1,3-Hexachlorobutadiene	225	20.858	20.869	(1.384)	710543	7.80920	7.8
96	Naphthalene	128	21.163	21.169	(1.404)	2625375	8.86884	8.9
97	1,2,3-Trichlorobenzene	180	21.629	21.634	(1.435)	898098	8.04815	8.0

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	fdtk003.d	Date:	25-AUG-2010 16:27
Client ID:	lcs 40608	Instrument:	F.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 40608		
Lab Sample ID:	lcs 40608		



GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FDT	Start Date: 8/12/10	Time: 1652	ISTD Lot #:	15896	Instrument ID: F
Test Method:	TO15	End Date: 8/13/10	Time: 1652	CAL STD Lot #	see comment	Instrument: 5973
ICAL Date:	8/12/10			ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager	Analyst SV	Analyst WND	Analyst	Analyst
Name/Initial		Simone Valjevac	William DeJardins		
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1652	FDT 001		BFB	NA	1		SV	NA	NA	WND	
1836	002	4632	MB		1	200			✓		-
1927	003	3093	IC-1		2				✓		029129
2019	004	5069	IC-2		3				✓		029127
2109	005	3152	IC-3		4				✓		029125
2201	006	3308	ICIS-4		5				✓		036532
2251	007	3562	IC-5		6				✓		029121
2342	008	3643	IC-6		7				✓		029120
2433	009	3366	IC-7		8				✓		029118
0124	FDT 010	4632	VIBLK		9				✓		
0215	FDT 011	3646	ICV		9			✓	✓		32797 ~~8/12/10~~ 29396
0307	FDT 012	3646	LCS		9			✓	↑		J J
0358	013	4632	MBLK		1			✓	✓		

8/13/10

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability		Instrument Information
Batch ID: FDTF	Start Date: 8/24/10	Time: 1553	ISTD Lot #:	15696	Instrument ID: F
Test Method: TO15	End Date: 8/25/10	Time: 1553	CAL STD Lot #	38951	Instrument: 5973
ICAL Date: 8/12/10			ICV / LCS Lot #	40608	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1553	FDTF001		BFB	NA	1		WND	NA	NA	WND	
1643	002	3640	CCV	1	1	200		✓	✓		AG
1734	003	2906	LCS	1	2	200		✓	✓		AG
1825	004	4634	MB	1	3	200		✓	✓		
1915	005	4284	1139-1	32.90	4	60		↓	↑		COF 9.86R ace 59 ↑ 64
2006	006	5163	1139-2	1.0	5	200		✓	✓		C
2057	007	2574	1139-3	4.65	6	43		✓	↑		ace 41 A
2147	008	4449	1139-4	23.90	7	174		✓	✓		COF 20.80 C
2238	009	5054	1139-5	1.0	8	200		✓	✓		C
2329	010	5156	1139-6	16.7	9	12		✓	↑		ace 41 A
0420	011	4101	1139-7	15.4	10	13		✓	✓		C
0510	012	3553	1139-8	9.09	11	22		✓	↑		ace 59 A
0601	013	3314	952-20	1490	12/1	37		✓	✓		COF 275.12 C
0652	014	3579	1082-7	1	12	200		✓	✓		C
0743	015	3658	1 -8	1	13	1		✓	✓		C
0834	016	4857	1176-1	1	14	200		✓	✓		1l cert
0925	017	4950	1177-6	1	15	200		✓	✓		1l cert
1021	018	4277	1113-1	0.2	16	1000		✓	✓		6l cert
0712	019	4284	1151-1	58.0	2	50		✓	✓		COF 14.49 C
0803	020	2574	1139-3	5.71	3	35		✓	✓		C
0854	021	5058	1086-1	1	4	200		✓	✓		C
0945	022	4304	1 -2	5	5	40		✓	✓		C TICS↑
1036	023	5057	1 -3	5	6	40		✓	✓		C TICS↑
1127	024	5156	1139-6	24.8	9	40	WMM	✓	✓		COF 4.96 C
1218	025	3553	1139-8	19.7	11	45		✓	✓		COF 4.44 C
1309	026	3233	1086-4	5	12	40	WND	✓	✓		C TICS↑
											8/25/10

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	FOTK	Start Date: 8/25/10	Time: 1449	ISTD Lot #:	15696	Instrument ID: F
Test Method:	TO15	End Date: 8/26/10	Time: 1449	CAL STD Lot #	38951	Instrument: 5973
ICAL Date:	8/12/10			ICV / LCS Lot #	40608	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1449	FOTK001			NA			WRD	NA	NA	WRD	
1536	002	3640	CCV	1	1	200		NA	✓		AG
1627	003	2906	LCS		2			✓	✓		AG
1717	004	4634	MB		3			✓	✓		
1808	005	4086	1079-9	2	4	100		✓	✓		C
1859	006	4349	1086-5	5	5	40		✓	✓		↑TICs C
1950	007	3405	-6	1	6	200		✓	✓		C
2841	008	2953	-7	15.3	7	58		✓	✓		CDF 4.44 C
2432	009	4322	-8	25.3	8	35		✓	✓		4.43 C
2022	010	3655	-9	20.0	9	44		✓	✓		4.41 C
2313	011	3837	1059-1	10	10	20		✓	✓		1 l conc C
0004	012	3811	-2		11			✓	✓		C
0055	013	3813	-3		12			—	✓		C
0147	014	3372	1120-1	5800	13	25		—	✓		CDF 1973.01 C
0238	015	2787	1132-1	10	14	20		✓	✓		C
0328	016	4126	1128-1	1	15	200		✓	✓		C
0419	017	5167	-2	1	16	1		✓	✓		C
0510	018	5160	1141-1	1	1	200		—	✓↑		area 100 P
0601	019	5103	-2		2			✓	✓↑		area 46 P
0652	020	5102	-3		3			✓	✓↑		area 71 P
0744	021	2984	1230-1	1	4	200	SR	✓	✓		
0835	022	4956	-2		5			✓	✓		
0926	023	4644	-3		6			✓	✓		
1017	024	3816	-4		7			✓	✓		
1109	025	5100	1141-1	4	1	50	WRD	✓	✓		DL S S
1200	026	5103	-2	2	2	100		✓	✓		DL C S
1251	027	5102	-3	2.99	3	67		✓	✓		DL C S

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	FOTK	Start Date:	8/20/10 Time: 1445	ISTD Lot #:	Instrument ID: F
Test Method:	TO15	End Date:	8/26/10 Time: 1445	CAL STD Lot #	Instrument: 5973
ICAL Date:	8/12/10			ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1342	FOTK 028	4840	1250-5	1	4	200	WMD	✓	—	WMD	C/U? RR
1433	029	4848	-6	1	5	1	〃	✓	✓	〃	— close of sequence
1523	030	Beg	SKC TEST	1	6	200	WMD	—	—	WMD	
1614	031	〃	ESS TEST	1	7	〃	〃	—	—	〃	
1705	032	〃	SKC TEST	1	6	〃	〃	—	—	〃	
1755	033	〃	ESS TEST	1	7	〃	〃	✓	✓	〃	

8/27/10

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Start Date: 08/12/2010 16:52

Analysis Batch Number: 5141 End Date: 08/13/2010 03:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-5141/1		08/12/2010 16:52	1	fdt001.d	RTX-624 0.32(mm)
ZZZZZ		08/12/2010 18:36	1		RTX-624 0.32(mm)
IC 200-5141/3		08/12/2010 19:27	1	fdt003.d	RTX-624 0.32(mm)
IC 200-5141/4		08/12/2010 20:19	1	fdt004.d	RTX-624 0.32(mm)
IC 200-5141/5		08/12/2010 21:09	1	fdt005.d	RTX-624 0.32(mm)
ICIS 200-5141/6		08/12/2010 22:01	1	fdt006.d	RTX-624 0.32(mm)
IC 200-5141/7		08/12/2010 22:51	1	fdt007.d	RTX-624 0.32(mm)
IC 200-5141/8		08/12/2010 23:42	1	fdt008.d	RTX-624 0.32(mm)
IC 200-5141/9		08/13/2010 00:33	1	fdt009.d	RTX-624 0.32(mm)
VIBLK 200-5141/10		08/13/2010 01:24	1		RTX-624 0.32(mm)
ICV 200-5141/11		08/13/2010 02:15	1	fdt011.d	RTX-624 0.32(mm)
ZZZZZ		08/13/2010 03:07	1		RTX-624 0.32(mm)
ZZZZZ		08/13/2010 03:58	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Start Date: 08/24/2010 15:53

Analysis Batch Number: 5588 End Date: 08/25/2010 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-5588/1		08/24/2010 15:53	1	fdtj001.d	RTX-624 0.32(mm)
CCVIS 200-5588/26		08/24/2010 16:43	1	fdtj002.d	RTX-624 0.32(mm)
LCS 200-5588/2		08/24/2010 17:34	1	fdtj003.d	RTX-624 0.32(mm)
MB 200-5588/3		08/24/2010 18:25	1	fdtj004.d	RTX-624 0.32(mm)
ZZZZZ		08/24/2010 19:15	32.9		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 20:06	1		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 20:57	4.65		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 21:47	23.9		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 22:38	1		RTX-624 0.32(mm)
ZZZZZ		08/24/2010 23:29	16.7		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 00:20	15.4		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 01:10	9.09		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 02:01	1490		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 02:52	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 03:43	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 04:34	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 05:25	1		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 06:21	0.2		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 07:12	58		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 08:03	5.71		RTX-624 0.32(mm)
200-1086-1	CE-AA	08/25/2010 08:54	1	fdtj021.d	RTX-624 0.32(mm)
200-1086-2	CE-VAPOR-1	08/25/2010 09:45	5	fdtj022.d	RTX-624 0.32(mm)
200-1086-3	CE-VAPOR-2	08/25/2010 10:36	5	fdtj023.d	RTX-624 0.32(mm)
ZZZZZ		08/25/2010 11:27	24.8		RTX-624 0.32(mm)
ZZZZZ		08/25/2010 12:18	19.7		RTX-624 0.32(mm)
200-1086-4	CE-VAPOR-3	08/25/2010 13:09	5	fdtj026.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-1086-1

SDG No.:

Instrument ID: F.i Start Date: 08/25/2010 14:49

Analysis Batch Number: 5661 End Date: 08/26/2010 17:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-5661/1		08/25/2010 14:49	1	fdtk001.d	RTX-624 0.32(mm)
CCVIS 200-5661/2		08/25/2010 15:36	1	fdtk002.d	RTX-624 0.32(mm)
LCS 200-5661/3		08/25/2010 16:27	1	fdtk003.d	RTX-624 0.32(mm)
MB 200-5661/4		08/25/2010 17:17	1	fdtk004.d	RTX-624 0.32(mm)
ZZZZZ		08/25/2010 18:08	2		RTX-624 0.32(mm)
200-1086-5	CE-VAPOR-4	08/25/2010 18:59	5	fdtk006.d	RTX-624 0.32(mm)
200-1086-6	CE-VAPOR-5	08/25/2010 19:50	1	fdtk007.d	RTX-624 0.32(mm)
200-1086-7	CE-VAPOR-6	08/25/2010 20:41	15.3	fdtk008.d	RTX-624 0.32(mm)
200-1086-8	CE-VAPOR-7	08/25/2010 21:32	25.3	fdtk009.d	RTX-624 0.32(mm)
200-1086-9	CE-VAPOR-8	08/25/2010 22:22	20	fdtk010.d	RTX-624 0.32(mm)
ZZZZZ		08/25/2010 23:13	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 00:04	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 00:55	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 01:47	15800		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 02:38	10		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 03:28	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 04:19	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 05:10	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 06:01	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 06:52	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 07:44	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 08:35	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 09:26	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 10:17	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 11:09	4		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 12:00	2		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 12:51	2.99		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 13:42	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 14:33	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 15:23	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 16:14	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 17:05	1		RTX-624 0.32(mm)
ZZZZZ		08/26/2010 17:55	1		RTX-624 0.32(mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
AKRF	1086	8-13-10	1202	29.8	22	G5	J.J.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?		✓	
(2) Is the flow controller ID used for each canister recorded?		✓	
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	5058	-4.6	N	4684	Y	2614 GIESE	
2	4304	-3.5		4686			
3	5057	-3.7		4582			
4	3233	-7.9		4590			
5	4349	-3.7		4596			
6	3405	-4.3		4622			
7	2953	-4.4		4970			
8	4322	-3.9		4597			
9	3655	-3.8		4603			

J.J. 8-13-2010

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # _____

Summa Canister Dilution Worksheet

Client: AKRF Inc

TestAmerica Job ID: 200-1086-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-1086-7	6	-5.2	0.83	4.96	39.2	3.67	22.00	4.44	4.44	08/25/10 16:12	Desjardins, William R
200-1086-8	6	-5.0	0.83	5.00	39.5	3.69	22.12	4.43	4.43	08/25/10 16:09	Desjardins, William R
200-1086-9	6	-4.7	0.84	5.06	40	3.72	22.33	4.41	4.41	08/25/10 16:16	Desjardins, William R

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg

Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Vol = Volume of SUMMA canister at atmospheric pressure

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test								
System ID		# Cycles	Cleaning Date	Technician	Canister Size		
OVEN		5	7/14/10	RWV	(6L)	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading	Final Reading
1	3655	-29.5	-29.6	-29.6	0.0	Gauge ID: G4	Gauge ID: G4
2	2614					Date: 7/14/10	Date: 7/27/10
3	4304					Time: 1820	Time: 1040
4	5057					Tech: SML	Tech: S—
5	3733					BP: 29.7 ("Hg)	BP: 29.8 ("Hg)
6	3405					Temp 22 (°C)	Temp: 22 (°C)
7	4349					[3]Acceptance Criteria:	
8	5058					(1) The difference must be less than or equal to + 0.5	
9	4322					(2) Pressure readings must be at least 24 hours apart.	
10	~~2842~~					If time frame was not met, the PM must authorize shipment of canister:	
11	4548					*PM Authorization:*	
12	2953					Signature	Date

Lot 7/14/10

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15				Inventory Level					Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
2614	7/15/10	GESE	WND		✓				07/25/10	KLP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

200-737-A-2
2614
Location: Air-Storage
Bottle Summa Canister 6L
Sampled: 7/14/2010 12:00 AM 200-31864

Loc: 200
737
#2
200-737-A-2

BR-FAI023:10.19.09:7
TestAmerica

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gese003.d

Lab ID: LCS 200-4339/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	10.5	105	70-130	
Dichlorodifluoromethane	10.0	11.0	110	70-130	
Freon 22	10.0	10.8	108	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70-130	
Chloromethane	10.0	10.2	102	70-130	
n-Butane	10.0	10.1	101	70-130	
Vinyl chloride	10.0	10.2	102	70-130	
1,3-Butadiene	10.0	10.6	106	70-130	
Bromomethane	10.0	9.43	94	70-130	
Chloroethane	10.0	9.71	97	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.1	101	70-130	
Trichlorofluoromethane	10.0	10.1	101	70-130	
Ethanol	15.0	12.3	82	70-130	
Freon TF	10.0	10.4	104	70-130	
1,1-Dichloroethene	10.0	10.1	101	70-130	
Acetone	10.0	9.94	99	70-130	
Isopropyl alcohol	10.0	8.75	88	70-130	
Carbon disulfide	10.0	9.28	93	70-130	
3-Chloropropene	10.0	9.60	96	70-130	
Methylene Chloride	10.0	10.1	101	70-130	
tert-Butyl alcohol	10.0	9.24	92	70-130	
Methyl tert-butyl ether	10.0	9.57	96	70-130	
trans-1,2-Dichloroethene	10.0	9.28	93	70-130	
n-Hexane	10.0	9.22	92	70-130	
1,1-Dichloroethane	10.0	9.37	94	70-130	
Vinyl acetate	10.0	9.70	97	70-130	
Ethyl acetate	10.0	9.43	94	70-130	
Methyl Ethyl Ketone	10.0	9.45	95	70-130	
cis-1,2-Dichloroethene	10.0	9.80	98	70-130	
Chloroform	10.0	9.86	99	70-130	
Tetrahydrofuran	10.0	9.47	95	70-130	
1,1,1-Trichloroethane	10.0	10.1	101	70-130	
Cyclohexane	10.0	9.52	95	70-130	
Carbon tetrachloride	10.0	10.1	102	70-130	
2,2,4-Trimethylpentane	10.0	9.44	94	70-130	
Benzene	10.0	9.30	93	70-130	
1,2-Dichloroethane	10.0	10.2	102	70-130	
n-Heptane	10.0	9.37	94	70-130	
Trichloroethene	10.0	9.65	97	70-130	
Methyl methacrylate	10.0	9.26	93	70-130	
1,2-Dichloropropane	10.0	8.99	90	70-130	
1,4-Dioxane	10.0	8.40	84	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gese003.d

Lab ID: LCS 200-4339/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.4	104	70-130	
cis-1,3-Dichloropropene	10.0	9.32	93	70-130	
methyl isobutyl ketone	10.0	9.78	98	70-130	
Toluene	10.0	9.43	94	70-130	
trans-1,3-Dichloropropene	10.0	9.57	96	70-130	
1,1,2-Trichloroethane	10.0	9.05	91	70-130	
Tetrachloroethene	10.0	9.83	98	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.97	100	70-130	
Dibromochloromethane	10.0	10.8	108	70-130	
1,2-Dibromoethane	10.0	9.62	96	70-130	
Chlorobenzene	10.0	9.51	95	70-130	
Ethylbenzene	10.0	9.74	97	70-130	
m,p-Xylene	20.0	19.4	97	70-130	
Xylene, o-	10.0	9.45	94	70-130	
Styrene	10.0	10.0	100	70-130	
Bromoform	10.0	11.2	112	70-130	
Cumene	10.0	9.74	97	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.07	91	70-130	
n-Propylbenzene	10.0	10.0	100	70-130	
4-Ethyltoluene	10.0	10.2	102	70-130	
1,3,5-Trimethylbenzene	10.0	9.79	98	70-130	
2-Chlorotoluene	10.0	9.72	97	70-130	
tert-Butylbenzene	10.0	9.87	99	70-130	
1,2,4-Trimethylbenzene	10.0	9.58	96	70-130	
sec-Butylbenzene	10.0	9.90	99	70-130	
4-Isopropyltoluene	10.0	10.4	104	70-130	
1,3-Dichlorobenzene	10.0	9.77	98	70-130	
1,4-Dichlorobenzene	10.0	9.76	98	70-130	
Benzyl chloride	10.0	9.98	100	70-130	
n-Butylbenzene	10.0	10.4	104	70-130	
1,2-Dichlorobenzene	10.0	9.68	97	70-130	
1,2,4-Trichlorobenzene	10.0	9.23	92	70-130	
Hexachlorobutadiene	10.0	11.4	114	70-130	
Naphthalene	10.0	8.14	81	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab File ID: gese004.d Lab Sample ID: MB 200-4339/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 07/15/2010 13:38

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-4339/3	gese003.d	07/15/2010 12:49
2614	200-737-2	gese017.d	07/16/2010 00:21

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-4339/4

Matrix: Air Lab File ID: gese004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2010 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-4339/4

Matrix: Air Lab File ID: gese004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2010 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-4339/4

Matrix: Air Lab File ID: gese004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2010 13:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/geseto15.b/gese004.d
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 15-JUL-2010 13:38
Operator : wrd Inst ID: G.i
Smp Info : MB
Misc Info : 200,1,Method Blank
Comment :
Method : /chem/G.i/Gsvr.p/geseto15.b/to15v5.m
Meth Date : 19-Jul-2010 16:10 wrd Quant Type: ISTD
Cal Date : 10-JUL-2010 20:56 Cal File: ges009.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

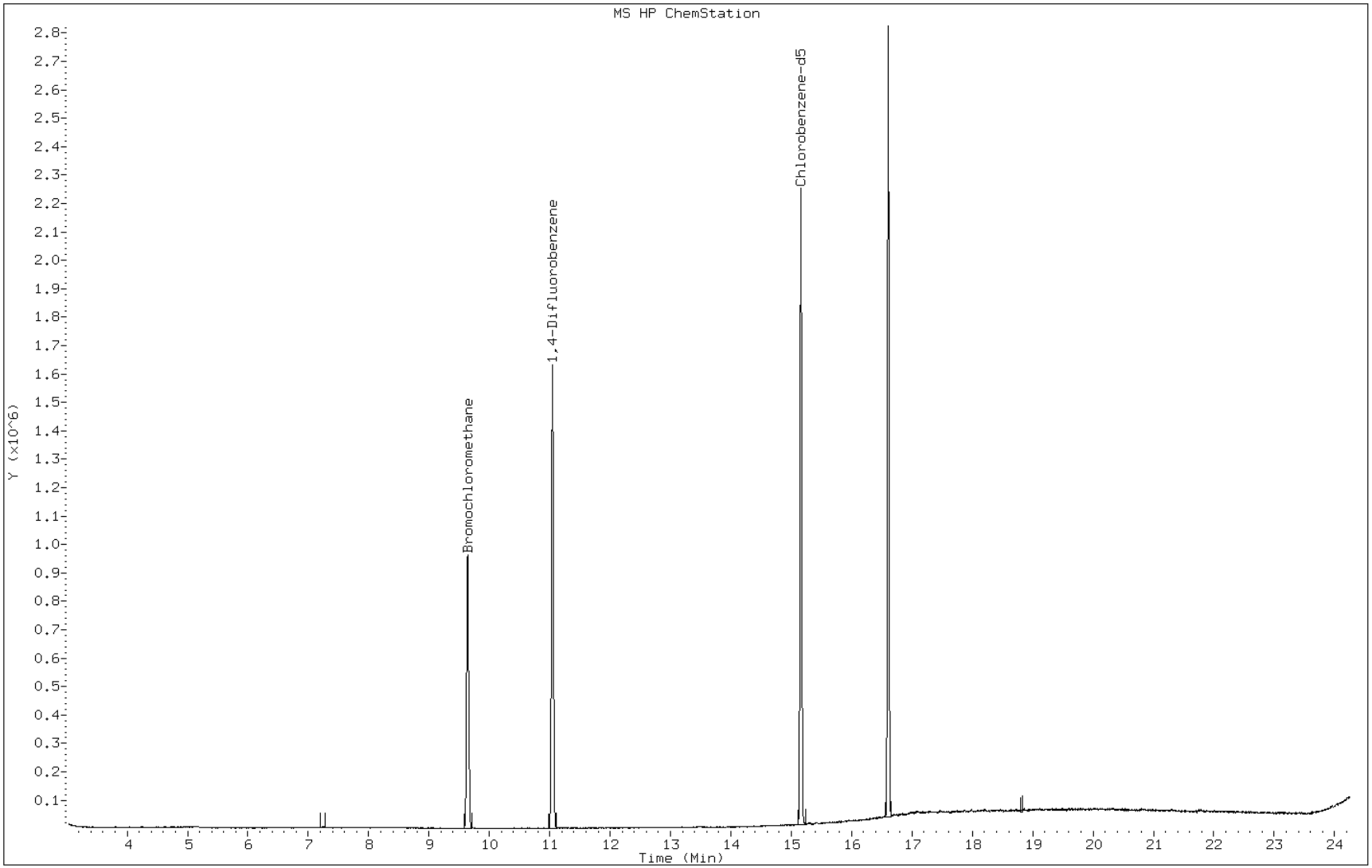
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.242	7.252	(0.751)	3750	0.15151	0.15(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.644	9.654	(1.000)	359537	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.045	11.056	(1.000)	1732405	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.159	15.170	(1.000)	1548650	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	67 n-Nonane	57	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76 n-Propylbenzene	91	Compound Not Detected.					
	77 1,2,3-Trichloropropane	75	Compound Not Detected.					
	78 n-Decane	57	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82 Alpha Methyl Styrene	118	Compound Not Detected.					
	83 tert-butylbenzene	119	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85 sec-Butylbenzene	105	Compound Not Detected.					
	86 4-Isopropyltoluene	119	Compound Not Detected.					
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					
	88 1,4-Dichlorobenzene	146	Compound Not Detected.					
	89 Benzyl chloride	91	Compound Not Detected.					
	90 Undecane	57	Compound Not Detected.					
	91 n-Butylbenzene	91	Compound Not Detected.					
	92 1,2-Dichlorobenzene	146	Compound Not Detected.					
	93 Dodecane	57	Compound Not Detected.					
	94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96 Naphthalene	128	Compound Not Detected.					
	97 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gese004.d	Date:	15-JUL-2010 13:38
Client ID:	MB	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	MB		
Lab Sample ID:	MB		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab File ID: ges001.d BFB Injection Date: 07/10/2010

Instrument ID: G.i BFB Injection Time: 14:31

Analysis Batch No.: 4225

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.5	
75	30.0 - 66.0% of mass 95	49.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	105.3	
175	4.0 - 9.0 % of mass 174	7.3	(6.9)1
176	93.0 - 101.0% of mass 174	102.1	(96.9)1
177	5.0 - 9.0% of mass 176	6.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-4225/3	ges003.d	07/10/2010	16:05
	IC 200-4225/4	ges004.d	07/10/2010	16:53
	IC 200-4225/5	ges005.d	07/10/2010	17:42
	ICIS 200-4225/6	ges006.d	07/10/2010	18:30
	IC 200-4225/7	ges007.d	07/10/2010	19:19
	IC 200-4225/8	ges008.d	07/10/2010	20:08
	IC 200-4225/9	ges009.d	07/10/2010	20:56
	ICV 200-4225/11	ges011.d	07/10/2010	23:04

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab File ID: gese001.d BFB Injection Date: 07/15/2010

Instrument ID: G.i BFB Injection Time: 11:09

Analysis Batch No.: 4339

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.1	
75	30.0 - 66.0% of mass 95	53.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.6	(0.5)1
174	50.0 - 120.0% of mass 95	107.6	
175	4.0 - 9.0 % of mass 174	7.7	(7.1)1
176	93.0 - 101.0% of mass 174	105.6	(98.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-4339/2	gese002.d	07/15/2010	12:01
	LCS 200-4339/3	gese003.d	07/15/2010	12:49
	MB 200-4339/4	gese004.d	07/15/2010	13:38
2614	200-737-2	gese017.d	07/16/2010	00:21

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Sample No.: ICIS 200-4225/6 Date Analyzed: 07/10/2010 18:30

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ges006.d Heated Purge: (Y/N) N

Calibration ID: 1501

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		531805	9.65	2358272	11.06	2404051	15.17
UPPER LIMIT		744527	9.98	3301581	11.39	3365671	15.50
LOWER LIMIT		319083	9.32	1414963	10.73	1442431	14.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-4225/11		556308	9.65	2320387	11.06	2371920	15.16

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Sample No.: CCVIS 200-4339/2 Date Analyzed: 07/15/2010 12:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gese002.d Heated Purge: (Y/N) N

Calibration ID: 1501

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		378192	9.64	1617310	11.05	1660185	15.16
UPPER LIMIT		529469	9.97	2264234	11.38	2324259	15.49
LOWER LIMIT		226915	9.31	970386	10.72	996111	14.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-4339/3		401448	9.64	1809769	11.05	1836058	15.16
MB 200-4339/4		359537	9.64	1732405	11.05	1548650	15.16
200-737-2	2614	354406	9.64	1773734	11.05	1495344	15.16

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: 2614 Lab Sample ID: 200-737-2

Matrix: Air Lab File ID: gese017.d

Analysis Method: TO-15 Date Collected: 07/14/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/16/2010 00:21

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: 2614 Lab Sample ID: 200-737-2

Matrix: Air Lab File ID: gese017.d

Analysis Method: TO-15 Date Collected: 07/14/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/16/2010 00:21

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Client Sample ID: 2614 Lab Sample ID: 200-737-2

Matrix: Air Lab File ID: gese017.d

Analysis Method: TO-15 Date Collected: 07/14/2010 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/16/2010 00:21

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 4339 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-737-2
Client Smp ID: 2614
Inj Date : 16-JUL-2010 00:21
Operator : wrd Inst ID: G.i
Smp Info : 200-737-A-2
Misc Info : 1000,.2.6 liter batch cert
Comment :
Method : /chem/G.i/Gsvr.p/geseto15.b/to15v5.m
Meth Date : 19-Jul-2010 16:10 wrd Quant Type: ISTD
Cal Date : 10-JUL-2010 20:56 Cal File: ges009.d
Als bottle: 16
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

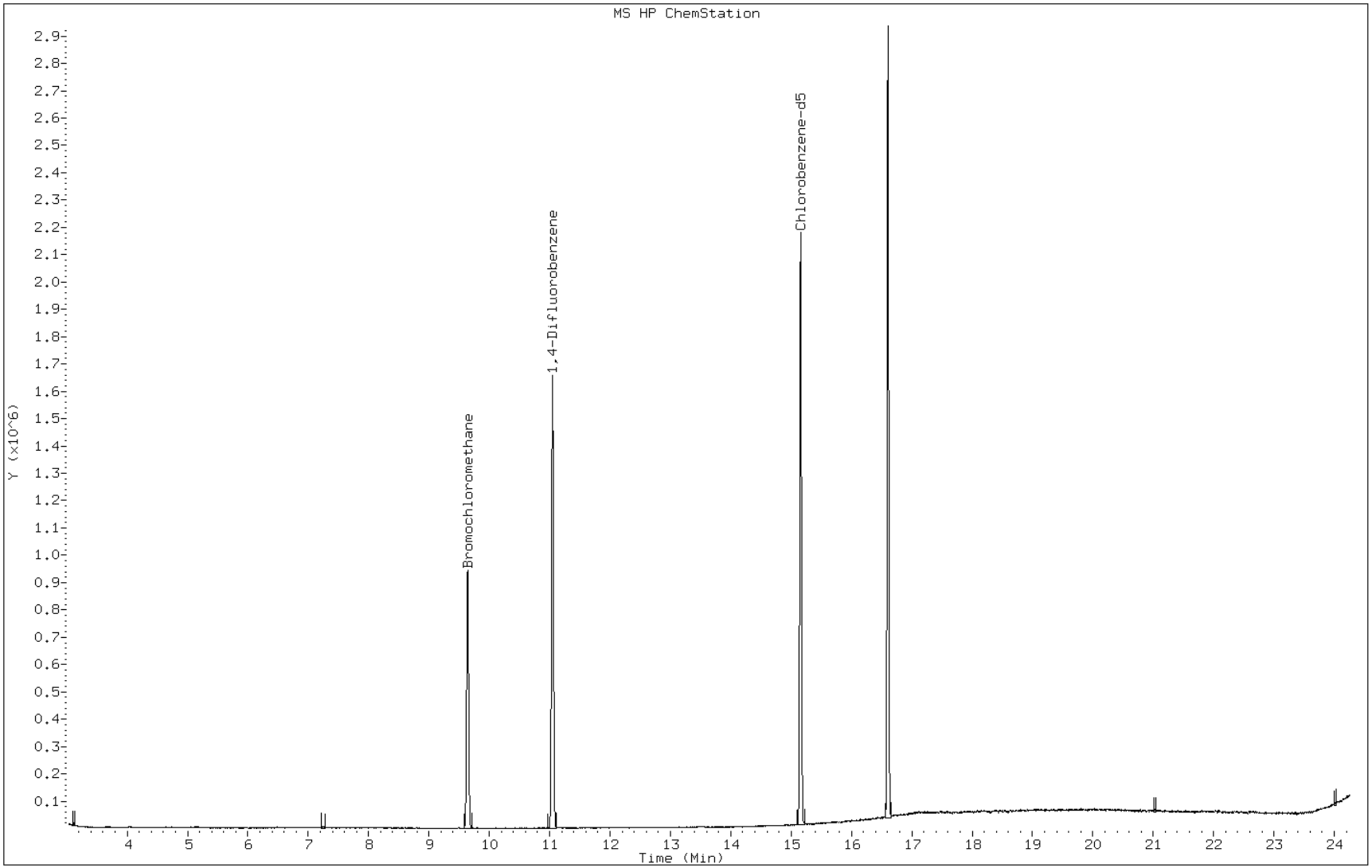
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.242	7.252	(0.751)	3283	0.13457	0.027(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.644	9.654	(1.000)	354406	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.045	11.056	(1.000)	1773734	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.159	15.170	(1.000)	1495344	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gese017.d	Date:	16-JUL-2010 00:21
Client ID:	2614	Instrument:	G.i
Operator:	wrd	Inj Vol:	100.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-737-A-2		
Lab Sample ID:	200-737-2		



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-4225/3	ges003.d
Level 2	IC 200-4225/4	ges004.d
Level 3	IC 200-4225/5	ges005.d
Level 4	ICIS 200-4225/6	ges006.d
Level 5	IC 200-4225/7	ges007.d
Level 6	IC 200-4225/8	ges008.d
Level 7	IC 200-4225/9	ges009.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.4158	0.4345 0.4067	0.4228	0.4301	0.4224	Ave		0.4220				2.4		30.0			
Dichlorodifluoromethane	+++++ 2.7176	2.9349 2.5645	2.8869	2.8708	2.7854	Ave		2.7933				4.9		30.0			
Freon 22	+++++ 1.2021	1.2893 1.1443	1.2470	1.2435	1.2090	Ave		1.2225				4.0		30.0			
1,2-Dichlorotetrafluoroethane	2.3721 2.3273	2.4808 2.2266	2.4275	2.4373	2.3556	Ave		2.3753				3.5		30.0			
Chloromethane	+++++ 0.4794	0.5304 0.4661	0.4948	0.4939	0.4803	Ave		0.4908				4.5		30.0			
n-Butane	+++++ 0.7028	0.6953 0.6910	0.6792	0.7179	0.7034	Ave		0.6983				1.9		30.0			
Vinyl chloride	0.6172 0.6117	0.6249 0.5976	0.6210	0.6341	0.6201	Ave		0.6181				1.8		30.0			
1,3-Butadiene	0.3917 0.3932	0.3688 0.3835	0.3872	0.4009	0.3937	Ave		0.3884				2.6		30.0			
Bromomethane	0.9402 0.9039	0.9074 0.8479	0.8889	0.9162	0.9083	Ave		0.9018				3.1		30.0			
Chloroethane	+++++ 0.3019	0.3038 0.2914	0.2892	0.3016	0.3003	Ave		0.2980				2.1		30.0			
Isopentane	0.6411 0.5196	0.5373 0.5097	0.4932	0.5186	0.5126	Ave		0.5332				9.3		30.0			
Bromoethene(Vinyl Bromide)	0.9467 1.0023	1.0331 0.9500	0.9797	1.0177	0.9924	Ave		0.9888				3.3		30.0			
Trichlorofluoromethane	3.2544 3.2125	3.3842 3.0700	3.2880	3.3284	3.2280	Ave		3.2522				3.1		30.0			
n-Pentane	+++++ 0.7045	0.7302 0.6966	0.6860	0.7068	0.6925	Ave		0.7028				2.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.1554	0.1499 0.1602	0.1518	0.1513	0.1518	Ave		0.1534				2.5		30.0			
Ethyl ether	0.3362 0.3533	0.3609 0.3493	0.3367	0.3439	0.3499	Ave		0.3472				2.6		30.0			
Acrolein	+++++ 0.1810	+++++ 0.1764	0.1724	0.1740	0.1773	Ave		0.1762				1.9		30.0			
Freon TF	1.8988 1.8661	1.9201 1.7921	1.8825	1.9017	1.8517	Ave		1.8733				2.3		30.0			
1,1-Dichloroethene	0.9226 0.7588	0.8004 0.7446	0.7502	0.7643	0.7528	Ave		0.7848				8.1		30.0			
tert-Butyl alcohol	+++++ 0.9720	+++++ 0.9915	0.9797	0.9929	0.9730	Ave		0.9818				1.0		30.0			
Acetone	+++++ 0.7759	+++++ 0.7731	0.7857	0.7699	0.7638	Ave		0.7737				1.0		30.0			
Isopropyl alcohol	+++++ 0.5318	+++++ 0.5573	0.5351	0.5308	0.5328	Ave		0.5376				2.1		30.0			
Carbon disulfide	+++++ 2.1258	2.0807 2.0975	2.0815	2.1356	2.1040	Ave		2.1042				1.1		30.0			
3-Chloropropene	0.5938 0.5566	0.5336 0.5449	0.5396	0.5528	0.5489	Ave		0.5529				3.6		30.0			
Acetonitrile	+++++ 0.2631	+++++ 0.2579	0.2602	0.2559	0.2573	Ave		0.2589				1.1		30.0			
Methylene Chloride	+++++ 0.6586	0.8409 0.6352	0.6741	0.6715	0.6500	Ave		0.6884				11.1		30.0			
Methyl tert-butyl ether	2.0673 1.9998	2.0016 1.9985	1.9831	1.9667	1.9745	Ave		1.9988				1.7		30.0			
trans-1,2-Dichloroethene	1.1033 1.0495	1.0651 1.0328	1.0326	1.0657	1.0393	Ave		1.0555				2.4		30.0			
n-Hexane	0.7820 0.8108	0.8029 0.8058	0.8033	0.8142	0.8010	Ave		0.8028				1.3		30.0			
Ethyl acetate	+++++ 0.0511	+++++ 0.0514	0.0487	0.0492	0.0487	Ave		0.0498				2.7		30.0			
Tetrahydrofuran	+++++ 0.0992	+++++ 0.0991	0.0967	0.1003	0.1003	Ave		0.0991				1.5		30.0			
1,1-Dichloroethane	1.4500 1.2969	1.3058 1.2798	1.2931	1.3027	1.2851	Ave		1.3162				4.5		30.0			
Vinyl acetate	+++++ 1.2683	+++++ 1.2569	1.1854	1.2001	1.2361	Ave		1.2294				2.9		30.0			
1,4-Dioxane	+++++ 0.0630	+++++ 0.0640	0.0662	0.0671	0.0655	Ave		0.0651				2.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.9491 0.9125	0.9338 0.9003	0.9077	0.9191	0.9038	Ave		0.9180				1.9		30.0			
Methyl Ethyl Ketone	+++++ 0.2838	0.2771 0.2916	0.2723	0.2774	0.2804	Ave		0.2804				2.4		30.0			
Chloroform	2.1722 2.1033	2.1798 2.0556	2.1596	2.1452	2.0942	Ave		2.1300				2.2		30.0			
Cyclohexane	0.2260 0.2237	0.2320 0.2207	0.2193	0.2285	0.2235	Ave		0.2248				2.0		30.0			
1,1,1-Trichloroethane	0.5819 0.5863	0.6013 0.5659	0.5947	0.6145	0.5911	Ave		0.5908				2.6		30.0			
Carbon tetrachloride	0.6672 0.7115	0.7064 0.6841	0.7131	0.7350	0.7133	Ave		0.7044				3.1		30.0			
2,2,4-Trimethylpentane	0.5802 0.5982	0.5887 0.5975	0.5842	0.6047	0.5902	Ave		0.5920				1.5		30.0			
Benzene	0.5295 0.4894	0.5121 0.4975	0.4950	0.4978	0.4841	Ave		0.5008				3.1		30.0			
1,2-Dichloroethane	0.3191 0.3144	0.3110 0.3077	0.3137	0.3197	0.3116	Ave		0.3139				1.4		30.0			
n-Heptane	0.1948 0.1879	0.1871 0.1892	0.1827	0.1893	0.1848	Ave		0.1880				2.1		30.0			
Trichloroethene	0.3053 0.3026	0.3035 0.2969	0.3056	0.3102	0.3006	Ave		0.3035				1.4		30.0			
1,2-Dichloropropane	0.1575 0.1591	0.1574 0.1576	0.1553	0.1577	0.1541	Ave		0.1570				1.1		30.0			
Methyl methacrylate	+++++ 0.1450	0.1110 0.1500	0.1306	0.1394	0.1437	Ave		0.1366				10.3		30.0			
Dibromomethane	0.3246 0.3225	0.3283 0.3118	0.3259	0.3317	0.3190	Ave		0.3234				2.0		30.0			
Bromodichloromethane	0.4823 0.5431	0.4873 0.5309	0.5289	0.5476	0.5354	Ave		0.5222				5.1		30.0			
cis-1,3-Dichloropropene	0.3054 0.3195	0.2932 0.3138	0.2994	0.3137	0.3086	Ave		0.3077				3.0		30.0			
methyl isobutyl ketone	+++++ 0.2233	0.1918 0.2339	0.2075	0.2160	0.2191	Ave		0.2153				6.7		30.0			
n-Octane	0.2737 0.2704	0.2645 0.2775	0.2573	0.2655	0.2636	Ave		0.2675				2.6		30.0			
Toluene	0.4214 0.4029	0.4049 0.4076	0.3883	0.3933	0.3875	Ave		0.4008				3.0		30.0			
trans-1,3-Dichloropropene	0.3145 0.3604	0.3186 0.3598	0.3415	0.3521	0.3531	Ave		0.3429				5.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.1960 0.2079	0.2051 0.2065	0.2013	0.2066	0.2019	Ave		0.2036				2.0		30.0			
Tetrachloroethene	0.4952 0.4562	0.4824 0.4416	0.4656	0.4651	0.4484	Ave		0.4649				4.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2150	0.1764 0.2255	0.1993	0.2084	0.2079	Ave		0.2054				8.1		30.0			
Dibromochloromethane	0.5104 0.6532	0.5473 0.6421	0.6193	0.6453	0.6348	Ave		0.6075				9.2		30.0			
1,2-Dibromoethane	0.4282 0.4787	0.4337 0.4770	0.4624	0.4724	0.4662	Ave		0.4598				4.5		30.0			
Chlorobenzene	0.6130 0.6400	0.6167 0.6427	0.6201	0.6285	0.6223	Ave		0.6262				1.8		30.0			
Ethylbenzene	0.8906 0.9416	0.8838 0.9450	0.9013	0.9095	0.9127	Ave		0.9121				2.6		30.0			
n-Nonane	0.2672 0.2972	0.2774 0.3174	0.2774	0.2839	0.2867	Ave		0.2867				5.7		30.0			
m,p-Xylene	0.3475 0.3852	0.3629 0.3934	0.3711	0.3720	0.3742	Ave		0.3723				4.0		30.0			
Xylene, o-	0.3742 0.3777	0.3625 0.3775	0.3667	0.3663	0.3662	Ave		0.3702				1.7		30.0			
Styrene	0.4491 0.5970	0.4520 0.6045	0.5446	0.5648	0.5765	Ave		0.5412				12.0		30.0			
Bromoform	0.5102 0.6972	0.5487 0.6474	0.6663	0.6915	0.6807	Ave		0.6346				11.7		30.0			
Cumene	1.0532 1.1206	1.0723 1.1160	1.0787	1.0891	1.0930	Ave		1.0890				2.2		30.0			
1,1,2,2-Tetrachloroethane	0.4835 0.5511	0.5013 0.5433	0.5314	0.5391	0.5361	Ave		0.5266				4.7		30.0			
n-Propylbenzene	1.0658 1.2975	1.1292 1.2747	1.2511	1.2574	1.2638	Ave		1.2199				7.1		30.0			
1,2,3-Trichloropropane	+++++ 0.4211	0.3768 0.4204	0.4059	0.4071	0.4103	Ave		0.4069				4.0		30.0			
n-Decane	+++++ 0.3725	0.2713 0.3868	0.3504	0.3590	0.3615	Ave		0.3503				11.6		30.0			
n-Dodecane	+++++ 0.2051	+++++ 0.1983	0.1444	0.1770	0.1850	Ave		0.1820				13.0		30.0			
4-Ethyltoluene	0.9058 1.1548	1.0076 1.1551	1.1050	1.1230	1.1294	Ave		1.0830				8.6		30.0			
2-Chlorotoluene	0.8936 1.0739	0.9100 1.0628	0.9599	0.9780	0.9712	Ave		0.9785				7.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	0.7755 0.9826	0.8587 0.9831	0.9392	0.9456	0.9566	Ave		0.9202				8.3		30.0			
tert-Butylbenzene	0.8352 0.9621	0.9106 0.9499	0.9436	0.9436	0.9464	Ave		0.9273				4.7		30.0			
1,2,4-Trimethylbenzene	0.7490 0.9891	0.8383 0.9822	0.9474	0.9553	0.9632	Ave		0.9178				9.8		30.0			
sec-Butylbenzene	1.1088 1.3821	1.2366 1.3494	1.3402	1.3424	1.3455	Ave		1.3007				7.4		30.0			
4-Isopropyltoluene	0.8184 1.2379	1.0043 1.2125	1.1750	1.1973	1.2120	Ave		1.1225				13.8		30.0			
1,3-Dichlorobenzene	0.6553 0.8024	0.6499 0.7743	0.7518	0.7672	0.7755	Ave		0.7395				8.3		30.0			
1,4-Dichlorobenzene	0.6222 0.8019	0.6584 0.7723	0.7374	0.7583	0.7664	Ave		0.7310				9.0		30.0			
Benzyl chloride	0.4818 0.8447	0.5306 0.8425	0.7318	0.7791	0.8032	Ave		0.7162				20.8		30.0			
n-Undecane	+++++ 0.3638	+++++ 0.4041	0.2421	0.2615	0.3143	Ave		0.3172				21.4		30.0			
n-Butylbenzene	0.5872 1.0326	0.6705 1.0159	0.9586	0.9880	1.0174	Ave		0.8957				20.7		30.0			
1,2-Dichlorobenzene	0.6038 0.7636	0.6410 0.7301	0.7244	0.7371	0.7480	Ave		0.7069				8.5		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5233	0.2275 0.5003	0.3514	0.4230	0.4676	Ave		0.4155				26.6		30.0			
Hexachlorobutadiene	0.3167 0.5152	0.3767 0.4318	0.5150	0.5109	0.5023	Ave		0.4527				17.7		30.0			
Naphthalene	+++++ 0.9171	0.3714 0.9358	0.5547	0.7042	0.8106	Ave		0.7156				30.8	*	30.0			
1,2,3-Trichlorobenzene	0.2165 0.4165	0.1871 0.3943	0.2762	0.3269	0.3606	Ave		0.3111				28.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-4225/3	ges003.d
Level 2	IC 200-4225/4	ges004.d
Level 3	IC 200-4225/5	ges005.d
Level 4	ICIS 200-4225/6	ges006.d
Level 5	IC 200-4225/7	ges007.d
Level 6	IC 200-4225/8	ges008.d
Level 7	IC 200-4225/9	ges009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 455422	11067 937217	108913	228722	342884	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	+++++ 2976691	74749 5909468	743710	1526719	2261085	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	+++++ 1316694	32838 2636820	321233	661301	981406	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	26051 2549209	63185 5130815	625358	1296161	1912180	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	+++++ 525107	13510 1074163	127478	262639	389912	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	+++++ 769774	17710 1592407	174963	381768	570993	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	6778 670028	15916 1376975	159989	337192	503354	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	4302 430747	9393 883738	99753	213199	319608	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	10326 990118	23111 1953913	228993	487247	737284	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	+++++ 330654	7738 671393	74496	160387	243785	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	7041 569200	13684 1174497	127053	275794	416133	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	10397 1097923	26313 2189193	252387	541198	805559	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	35741 3518853	86193 7074285	847024	1770038	2620399	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	+++++ 771641	18598 1605099	176735	375868	562125	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	+++++ 340426	38177 922873	78196	120700	164324	+++++ 40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	3692 387010	9191 804911	86737	182901	284023	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	+++++ 198281	+++++ 406452	44406	92537	143952	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	20853 2044091	48903 4129620	484962	1011326	1503105	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	10132 831159	20385 1715734	193274	406466	611062	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	+++++ 1064733	+++++ 2284650	252394	528024	789838	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	+++++ 849856	+++++ 1781415	202407	409450	620045	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	+++++ 582523	+++++ 1284148	137857	282296	432509	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	+++++ 2328489	52994 4833347	536210	1135712	1707967	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	6521 609657	13590 1255648	139005	293957	445605	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	+++++ 288206	+++++ 594279	67020	136084	208849	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	+++++ 721394	21417 1463759	173651	357099	527685	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	22704 2190535	50979 4605209	510869	1045884	1602803	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12117 1149619	27128 2379899	266013	566758	843650	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	8588 888086	20450 1856764	206941	432989	650224	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	+++++ 55949	+++++ 118469	12552	26152	39520	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	+++++ 489756	+++++ 1036612	113394	236633	364099	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	15925 1420554	33258 2949108	333121	692762	1043164	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	+++++ 1389234	+++++ 2896350	305368	638213	1003405	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	+++++ 310837	+++++ 668777	77594	158192	237710	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	10423 999550	23784 2074631	233837	488784	733636	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 310914	7058 671859	70149	147536	227641	+++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chloroform	BCM	Ave	23856 2303841	55518 4736801	556338	1140830	1699986	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	11412 1104108	26604 2307565	257191	538895	811600	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	29389 2893227	68956 5917812	697485	1449156	2146243	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	33693 3511306	81018 7153827	836393	1733319	2589937	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	29301 2951835	67520 6248345	685162	1426099	2142873	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	26742 2414924	58731 5202703	580519	1173867	1757481	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	16113 1551545	35669 3218014	367949	753972	1131275	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	9838 927416	21458 1978739	214237	446378	670833	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	15418 1493029	34811 3105276	358383	731602	1091289	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	7952 785159	18056 1647973	182107	371800	559639	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	+++++ 715511	12731 1568638	153171	328807	521721	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	16395 1591354	37646 3260421	382186	782143	1158113	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	24357 2680326	55884 5551679	620350	1291409	1943918	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	15425 1576654	33623 3281352	351142	739793	1120392	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	+++++ 1102166	21994 2445751	243407	509320	795512	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	13823 1334269	30331 2902191	301795	626204	956889	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	20881 2031150	46829 4317327	464148	945557	1451036	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	15884 1778416	36543 3763174	400492	830392	1282065	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	9713 1048053	23717 2186501	240581	496659	755999	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrachloroethene	CBZ	Ave	24539 2300019	55793 4677068	556581	1118163	1679432	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1083952	20403 2388172	238263	501002	778536	+++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromochloromethane	CBZ	Ave	25294 3293112	63292 6800677	740300	1551321	2377534	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	21219 2413395	50155 5051348	552756	1135582	1745892	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	30378 3226461	71326 6806716	741213	1511058	2330611	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	44136 4747369	102209 10008823	1077418	2186517	3418066	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	13243 1498368	32076 3361692	331568	682404	1073716	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	34442 3884036	83932 8333213	887191	1788419	2803030	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	18544 1904477	41923 3997814	438368	880548	1371604	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	22254 3009921	52279 6402530	651029	1357695	2159021	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	25281 3514828	63457 6856704	796520	1662289	2549230	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	52192 5649839	124007 11819143	1289532	2618275	4093262	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	23960 2778653	57970 5754488	635251	1296104	2007789	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	52817 6541747	130591 13499846	1495527	3022886	4733068	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 2123217	43577 4451931	485247	978769	1536753	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	+++++ 1878176	31381 4096504	418826	863021	1353968	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	+++++ 1034013	+++++ 2100571	172665	425436	692843	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	44888 5822309	116529 12233362	1320874	2699861	4229528	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	44282 5414189	105243 11255726	1147442	2351061	3637212	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	38431 4954082	99312 10412041	1122711	2273176	3582512	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	41390 4850737	105309 10060627	1128022	2268381	3544203	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	37118 4986822	96945 10402545	1132560	2296651	3607401	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	54946 6968274	143017 14291351	1602098	3227174	5038907	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-737-1 Analy Batch No.: 4225

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/10/2010 16:05 Calibration End Date: 07/10/2010 20:56 Calibration ID: 1501

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Isopropyltoluene	CBZ	Ave	40557 6241159	116149 12841118	1404647	2878254	4538843	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	32475 4045265	75160 8200867	898747	1844449	2904110	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	30832 4042714	76144 8178839	881465	1822989	2870369	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	23877 4258760	61365 8922751	874801	1872999	3008047	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	+++++ 1834071	+++++ 4280220	289392	628650	1177161	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	29100 5205932	77544 10759252	1145860	2375187	3810325	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	29922 3849958	74137 7732663	865972	1772006	2801127	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2638106	26311 5298212	420040	1016982	1751232	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	15695 2597369	43568 4572949	615593	1228287	1881039	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	+++++ 4623944	42955 9910982	663072	1692907	3035643	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	10731 2099671	21643 4175465	330145	785779	1350353	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: ICV 200-4225/11 Calibration Date: 07/10/2010 23:04

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: ges011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4220	0.4227		10.0	10.0	0.2	30.0
Dichlorodifluoromethane	Ave	2.793	2.795		10.0	10.0	0.0	30.0
Freon 22	Ave	1.223	1.222		10.0	10.0	-0.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.375	2.362		9.94	10.0	-0.6	30.0
Chloromethane	Ave	0.4908	0.4897		9.98	10.0	-0.2	30.0
n-Butane	Ave	0.6983	0.6985		10.0	10.0	0.0	30.0
Vinyl chloride	Ave	0.6181	0.6223		10.1	10.0	0.7	30.0
1,3-Butadiene	Ave	0.3884	0.4108		10.6	10.0	5.7	30.0
Bromomethane	Ave	0.9018	0.8590		9.52	10.0	-4.8	30.0
Chloroethane	Ave	0.2980	0.2907		9.75	10.0	-2.5	30.0
Isopentane	Ave	0.5332	0.5270		9.88	10.0	-1.2	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9888	1.002		10.1	10.0	1.3	30.0
Trichlorofluoromethane	Ave	3.252	3.165		9.73	10.0	-2.7	30.0
n-Pentane	Ave	0.7028	0.6898		9.81	10.0	-1.8	30.0
Ethanol	Ave	0.1534	0.1251		12.3	15.0	-18.4	30.0
Ethyl ether	Ave	0.3472	0.3001		8.64	10.0	-13.6	30.0
Acrolein	Ave	0.1762	0.1342		7.61	10.0	-23.9	30.0
Freon TF	Ave	1.873	2.007		10.7	10.0	7.2	30.0
1,1-Dichloroethene	Ave	0.7848	0.8350		10.6	10.0	6.4	30.0
Acetone	Ave	0.7737	0.6874		8.88	10.0	-11.1	30.0
Isopropyl alcohol	Ave	0.5376	0.4514		8.40	10.0	-16.0	30.0
Carbon disulfide	Ave	2.104	2.132		10.1	10.0	1.3	30.0
3-Chloropropene	Ave	0.5529	0.5648		10.2	10.0	2.2	30.0
Acetonitrile	Ave	0.2589	0.2250		8.69	10.0	-13.1	30.0
Methylene Chloride	Ave	0.6884	0.7062		10.3	10.0	2.6	30.0
tert-Butyl alcohol	Ave	0.9818	0.8610		8.77	10.0	-12.3	30.0
Methyl tert-butyl ether	Ave	1.999	1.701		8.51	10.0	-14.9	30.0
trans-1,2-Dichloroethene	Ave	1.055	1.043		9.88	10.0	-1.2	30.0
n-Hexane	Ave	0.8028	0.8128		10.1	10.0	1.2	30.0
1,1-Dichloroethane	Ave	1.316	1.293		9.82	10.0	-1.7	30.0
Vinyl acetate	Ave	1.229	1.049		8.53	10.0	-14.7	30.0
cis-1,2-Dichloroethene	Ave	0.9180	0.9366		10.2	10.0	2.0	30.0
Ethyl acetate	Ave	0.0498	0.0407		8.17	10.0	-18.3	30.0
Methyl Ethyl Ketone	Ave	0.2804	0.2424		8.64	10.0	-13.6	30.0
Tetrahydrofuran	Ave	0.0991	0.0910		9.18	10.0	-8.2	30.0
Chloroform	Ave	2.130	2.081		9.77	10.0	-2.3	30.0
Cyclohexane	Ave	0.2248	0.2389		10.6	10.0	6.3	30.0
1,1,1-Trichloroethane	Ave	0.5908	0.6212		10.5	10.0	5.1	30.0
Carbon tetrachloride	Ave	0.7044	0.7350		10.4	10.0	4.3	30.0
2,2,4-Trimethylpentane	Ave	0.5920	0.6293		10.6	10.0	6.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: ICV 200-4225/11 Calibration Date: 07/10/2010 23:04

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: ges011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5008	0.5109		10.2	10.0	2.0	30.0
1,2-Dichloroethane	Ave	0.3139	0.3178		10.1	10.0	1.2	30.0
n-Heptane	Ave	0.1880	0.1974		10.5	10.0	5.0	30.0
Trichloroethene	Ave	0.3035	0.3158		10.4	10.0	4.1	30.0
1,2-Dichloropropane	Ave	0.1570	0.1508		9.61	10.0	-3.9	30.0
Methyl methacrylate	Ave	0.1366	0.1212		8.87	10.0	-11.3	30.0
1,4-Dioxane	Ave	0.0651	0.0556		8.53	10.0	-14.6	30.0
Dibromomethane	Ave	0.3234	0.3317		10.3	10.0	2.6	30.0
Bromodichloromethane	Ave	0.5222	0.5588		10.7	10.0	7.0	30.0
cis-1,3-Dichloropropene	Ave	0.3077	0.2984		9.70	10.0	-3.0	30.0
methyl isobutyl ketone	Ave	0.2153	0.2207		10.2	10.0	2.5	30.0
n-Octane	Ave	0.2675	0.2643		9.88	10.0	-1.2	30.0
Toluene	Ave	0.4008	0.3750		9.35	10.0	-6.4	30.0
trans-1,3-Dichloropropene	Ave	0.3429	0.3289		9.59	10.0	-4.1	30.0
1,1,2-Trichloroethane	Ave	0.2036	0.1875		9.21	10.0	-7.9	30.0
Tetrachloroethene	Ave	0.4649	0.4507		9.69	10.0	-3.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2054	0.2127		10.4	10.0	3.5	30.0
Dibromochloromethane	Ave	0.6075	0.6231		10.3	10.0	2.6	30.0
1,2-Dibromoethane	Ave	0.4598	0.4397		9.56	10.0	-4.4	30.0
Chlorobenzene	Ave	0.6262	0.5820		9.29	10.0	-7.1	30.0
Ethylbenzene	Ave	0.9121	0.8279		9.08	10.0	-9.2	30.0
n-Nonane	Ave	0.2867	0.2691		9.38	10.0	-6.2	30.0
m,p-Xylene	Ave	0.3723	0.3270		17.6	20.0	-12.2	30.0
Xylene, o-	Ave	0.3702	0.3188		8.61	10.0	-13.9	30.0
Styrene	Ave	0.5412	0.4964		9.17	10.0	-8.3	30.0
Bromoform	Ave	0.6346	0.6402		10.1	10.0	0.9	30.0
Cumene	Ave	1.089	0.9584		8.80	10.0	-12.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5266	0.4545		8.63	10.0	-13.7	30.0
n-Propylbenzene	Ave	1.220	1.093		8.96	10.0	-10.4	30.0
1,2,3-Trichloropropane	Ave	0.4069	0.3552		8.73	10.0	-12.7	30.0
n-Decane	Ave	0.3503	0.3099		8.85	10.0	-11.5	30.0
4-Ethyltoluene	Ave	1.083	0.9817		9.06	10.0	-9.4	30.0
2-Chlorotoluene	Ave	0.9785	0.9523		9.73	10.0	-2.7	30.0
1,3,5-Trimethylbenzene	Ave	0.9202	0.7993		8.68	10.0	-13.1	30.0
tert-Butylbenzene	Ave	0.9273	0.8076		8.71	10.0	-12.9	30.0
1,2,4-Trimethylbenzene	Ave	0.9178	0.7849		8.55	10.0	-14.5	30.0
sec-Butylbenzene	Ave	1.301	1.151		8.85	10.0	-11.5	30.0
4-Isopropyltoluene	Ave	1.122	1.013		9.03	10.0	-9.7	30.0
1,3-Dichlorobenzene	Ave	0.7395	0.6583		8.90	10.0	-11.0	30.0
1,4-Dichlorobenzene	Ave	0.7310	0.6556		8.97	10.0	-10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: ICV 200-4225/11 Calibration Date: 07/10/2010 23:04

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: ges011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.7162	0.6482		9.05	10.0	-9.5	30.0
n-Undecane	Ave	0.3172	0.2599		8.19	10.0	-18.0	30.0
n-Butylbenzene	Ave	0.8957	0.8320		9.29	10.0	-7.1	30.0
1,2-Dichlorobenzene	Ave	0.7069	0.6090		8.61	10.0	-13.8	30.0
n-Dodecane	Ave	0.1820	0.1916		10.5	10.0	5.3	30.0
1,2,4-Trichlorobenzene	Ave	0.4155	0.3653		8.79	10.0	-12.1	30.0
Hexachlorobutadiene	Ave	0.4527	0.4282		9.46	10.0	-5.4	30.0
Naphthalene	Ave	0.7156	0.7209		10.1	10.0	0.7	30.0
1,2,3-Trichlorobenzene	Ave	0.3111	0.3303		10.6	10.0	6.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: CCVIS 200-4339/2 Calibration Date: 07/15/2010 12:01

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: gese002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4220	0.5027		11.9	10.0	19.1	30.0
Dichlorodifluoromethane	Ave	2.793	3.380		12.1	10.0	21.0	30.0
Freon 22	Ave	1.223	1.437		11.7	10.0	17.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.375	2.733		11.5	10.0	15.0	30.0
Chloromethane	Ave	0.4908	0.5376		11.0	10.0	9.5	30.0
n-Butane	Ave	0.6983	0.7893		11.3	10.0	13.0	30.0
Vinyl chloride	Ave	0.6181	0.6801		11.0	10.0	10.0	30.0
1,3-Butadiene	Ave	0.3884	0.4240		10.9	10.0	9.1	30.0
Bromomethane	Ave	0.9018	0.9257		10.3	10.0	2.6	30.0
Chloroethane	Ave	0.2980	0.3003		10.1	10.0	0.8	30.0
Isopentane	Ave	0.5332	0.5368		10.1	10.0	0.7	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9888	1.035		10.5	10.0	4.6	30.0
Trichlorofluoromethane	Ave	3.252	3.460		10.6	10.0	6.4	30.0
n-Pentane	Ave	0.7028	0.6880		9.79	10.0	-2.1	30.0
Ethanol	Ave	0.1534	0.1408		13.8	15.0	-8.2	30.0
Ethyl ether	Ave	0.3472	0.3108		8.95	10.0	-10.5	30.0
Acrolein	Ave	0.1762	0.1551		8.80	10.0	-12.0	30.0
Freon TF	Ave	1.873	1.844		9.84	10.0	-1.6	30.0
1,1-Dichloroethene	Ave	0.7848	0.7266		9.26	10.0	-7.4	30.0
Acetone	Ave	0.7737	0.7688		9.93	10.0	-0.6	30.0
Isopropyl alcohol	Ave	0.5376	0.5009		9.32	10.0	-6.8	30.0
Carbon disulfide	Ave	2.104	1.998		9.49	10.0	-5.0	30.0
3-Chloropropene	Ave	0.5529	0.5255		9.50	10.0	-5.0	30.0
Acetonitrile	Ave	0.2589	0.2397		9.26	10.0	-7.4	30.0
Methylene Chloride	Ave	0.6884	0.6596		9.58	10.0	-4.2	30.0
tert-Butyl alcohol	Ave	0.9818	0.9516		9.69	10.0	-3.1	30.0
Methyl tert-butyl ether	Ave	1.999	1.841		9.21	10.0	-7.9	30.0
trans-1,2-Dichloroethene	Ave	1.055	1.018		9.65	10.0	-3.5	30.0
n-Hexane	Ave	0.8028	0.7537		9.39	10.0	-6.1	30.0
1,1-Dichloroethane	Ave	1.316	1.230		9.35	10.0	-6.5	30.0
Vinyl acetate	Ave	1.229	1.131		9.20	10.0	-8.0	30.0
cis-1,2-Dichloroethene	Ave	0.9180	0.8786		9.57	10.0	-4.3	30.0
Methyl Ethyl Ketone	Ave	0.2804	0.2543		9.07	10.0	-9.3	30.0
Ethyl acetate	Ave	0.0498	0.0445		8.92	10.0	-10.7	30.0
Tetrahydrofuran	Ave	0.0991	0.0937		9.45	10.0	-5.5	30.0
Chloroform	Ave	2.130	2.071		9.72	10.0	-2.8	30.0
Cyclohexane	Ave	0.2248	0.2309		10.3	10.0	2.7	30.0
1,1,1-Trichloroethane	Ave	0.5908	0.6543		11.1	10.0	10.7	30.0
Carbon tetrachloride	Ave	0.7044	0.7901		11.2	10.0	12.2	30.0
2,2,4-Trimethylpentane	Ave	0.5920	0.5757		9.72	10.0	-2.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: CCVIS 200-4339/2 Calibration Date: 07/15/2010 12:01

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: gese002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5008	0.4768		9.52	10.0	-4.8	30.0
1,2-Dichloroethane	Ave	0.3139	0.3313		10.6	10.0	5.5	30.0
n-Heptane	Ave	0.1880	0.1876		9.98	10.0	-0.2	30.0
Trichloroethene	Ave	0.3035	0.3160		10.4	10.0	4.1	30.0
1,2-Dichloropropane	Ave	0.1570	0.1502		9.57	10.0	-4.3	30.0
Methyl methacrylate	Ave	0.1366	0.1317		9.64	10.0	-3.6	30.0
1,4-Dioxane	Ave	0.0651	0.0655		10.1	10.0	0.6	30.0
Dibromomethane	Ave	0.3234	0.3532		10.9	10.0	9.2	30.0
Bromodichloromethane	Ave	0.5222	0.5568		10.7	10.0	6.6	30.0
cis-1,3-Dichloropropene	Ave	0.3077	0.3112		10.1	10.0	1.2	30.0
methyl isobutyl ketone	Ave	0.2153	0.2182		10.1	10.0	1.3	30.0
n-Octane	Ave	0.2675	0.2668		9.97	10.0	-0.3	30.0
Toluene	Ave	0.4008	0.3987		9.94	10.0	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.3429	0.3539		10.3	10.0	3.2	30.0
1,1,2-Trichloroethane	Ave	0.2036	0.2009		9.87	10.0	-1.3	30.0
Tetrachloroethene	Ave	0.4649	0.4879		10.5	10.0	4.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2054	0.2065		10.1	10.0	0.5	30.0
Dibromochloromethane	Ave	0.6075	0.6578		10.8	10.0	8.3	30.0
1,2-Dibromoethane	Ave	0.4598	0.4631		10.1	10.0	0.7	30.0
Chlorobenzene	Ave	0.6262	0.6354		10.1	10.0	1.5	30.0
Ethylbenzene	Ave	0.9121	0.9231		10.1	10.0	1.2	30.0
n-Nonane	Ave	0.2867	0.2771		9.66	10.0	-3.4	30.0
m,p-Xylene	Ave	0.3723	0.3767		20.2	20.0	1.2	30.0
Xylene, o-	Ave	0.3702	0.3564		9.63	10.0	-3.7	30.0
Styrene	Ave	0.5412	0.5479		10.1	10.0	1.2	30.0
Bromoform	Ave	0.6346	0.7296		11.5	10.0	15.0	30.0
Cumene	Ave	1.089	1.090		10.0	10.0	0.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5266	0.5054		9.60	10.0	-4.0	30.0
n-Propylbenzene	Ave	1.220	1.232		10.1	10.0	1.0	30.0
1,2,3-Trichloropropane	Ave	0.4069	0.3917		9.62	10.0	-3.8	30.0
n-Decane	Ave	0.3503	0.3266		9.32	10.0	-6.7	30.0
4-Ethyltoluene	Ave	1.083	1.092		10.1	10.0	0.9	30.0
2-Chlorotoluene	Ave	0.9785	0.9458		9.66	10.0	-3.3	30.0
1,3,5-Trimethylbenzene	Ave	0.9202	0.9207		10.0	10.0	0.0	30.0
tert-Butylbenzene	Ave	0.9273	0.8954		9.65	10.0	-3.4	30.0
1,2,4-Trimethylbenzene	Ave	0.9178	0.9100		9.91	10.0	-0.8	30.0
sec-Butylbenzene	Ave	1.301	1.283		9.86	10.0	-1.4	30.0
4-Isopropyltoluene	Ave	1.122	1.183		10.5	10.0	5.4	30.0
1,3-Dichlorobenzene	Ave	0.7395	0.7804		10.6	10.0	5.5	30.0
1,4-Dichlorobenzene	Ave	0.7310	0.7667		10.5	10.0	4.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Lab Sample ID: CCVIS 200-4339/2 Calibration Date: 07/15/2010 12:01

Instrument ID: G.i Calib Start Date: 07/10/2010 16:05

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 07/10/2010 20:56

Lab File ID: gese002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.7162	0.7597		10.6	10.0	6.1	30.0
n-Undecane	Ave	0.3172	0.2374		7.48	10.0	-25.2	30.0
n-Butylbenzene	Ave	0.8957	0.9451		10.5	10.0	5.5	30.0
1,2-Dichlorobenzene	Ave	0.7069	0.7359		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.1820	0.1751		9.62	10.0	-3.8	30.0
1,2,4-Trichlorobenzene	Ave	0.4155	0.4338		10.4	10.0	4.4	30.0
Hexachlorobutadiene	Ave	0.4527	0.5308		11.7	10.0	17.3	30.0
Naphthalene	Ave	0.7156	0.7240		10.1	10.0	1.2	30.0
1,2,3-Trichlorobenzene	Ave	0.3111	0.3613		11.6	10.0	16.1	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Instrument ID: G.i Start Date: 07/10/2010 14:31

Analysis Batch Number: 4225 End Date: 07/11/2010 11:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-4225/1		07/10/2010 14:31	1	ges001.d	RTX-624 0.32(mm)
VIBLK 200-4225/2		07/10/2010 15:16	1		RTX-624 0.32(mm)
IC 200-4225/3		07/10/2010 16:05	1	ges003.d	RTX-624 0.32(mm)
IC 200-4225/4		07/10/2010 16:53	1	ges004.d	RTX-624 0.32(mm)
IC 200-4225/5		07/10/2010 17:42	1	ges005.d	RTX-624 0.32(mm)
ICIS 200-4225/6		07/10/2010 18:30	1	ges006.d	RTX-624 0.32(mm)
IC 200-4225/7		07/10/2010 19:19	1	ges007.d	RTX-624 0.32(mm)
IC 200-4225/8		07/10/2010 20:08	1	ges008.d	RTX-624 0.32(mm)
IC 200-4225/9		07/10/2010 20:56	1	ges009.d	RTX-624 0.32(mm)
VIBLK 200-4225/10		07/10/2010 21:45	1		RTX-624 0.32(mm)
ICV 200-4225/11		07/10/2010 23:04	1	ges011.d	RTX-624 0.32(mm)
ZZZZZ		07/10/2010 23:52	1		RTX-624 0.32(mm)
ZZZZZ		07/11/2010 11:13	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-737-1

SDG No.:

Instrument ID: G.i Start Date: 07/15/2010 11:09

Analysis Batch Number: 4339 End Date: 07/16/2010 09:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-4339/1		07/15/2010 11:09	1	gese001.d	RTX-624 0.32(mm)
CCVIS 200-4339/2		07/15/2010 12:01	1	gese002.d	RTX-624 0.32(mm)
LCS 200-4339/3		07/15/2010 12:49	1	gese003.d	RTX-624 0.32(mm)
MB 200-4339/4		07/15/2010 13:38	1	gese004.d	RTX-624 0.32(mm)
ZZZZZ		07/15/2010 14:27	1		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 15:15	1		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 16:05	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 16:56	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 17:46	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 18:36	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 19:27	0.2		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 20:15	6.89		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 21:03	10		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 21:52	10		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 22:40	10		RTX-624 0.32(mm)
ZZZZZ		07/15/2010 23:30	0.2		RTX-624 0.32(mm)
200-737-2	2614	07/16/2010 00:21	0.2	gese017.d	RTX-624 0.32(mm)
ZZZZZ		07/16/2010 01:11	0.2		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 02:01	0.2		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 02:50	1		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 03:39	1		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 04:28	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 05:17	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 06:05	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 06:54	10		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 08:05	29300		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 08:55	0.2		RTX-624 0.32(mm)
ZZZZZ		07/16/2010 09:53	0.2		RTX-624 0.32(mm)

GC/MS INSTRUMENT RUN LOG

TAS BATCH-4225 CALIBID-1501

Sequence				Standard Traceability		Instrument Information
Batch ID:	GES	Start Date:	7/10/10 Time: 1431	ISTD Lot #:	27787	Instrument ID: G
Test Method:	TO15	End Date:	7/11/10 Time: 1431	CAL STD Lot #	see comment b	Instrument: 5973
ICAL Date:	7/10/10			ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial	MTP Mark Phillips	NKL Nicholas Kaser	WHD William DeJardins	Karen L. Perkins KLP	
Signature	Mark Phillips	Nicholas Kaser	William DeJardins	Karen L. Perkins	

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1431	GES001		BFB	NA	NA	NA	NTR	NA		NTR	
1516	GES002	4635	VIBLK		1	200					
1605	GES003	3093	Cal 0.2		2				✓		029129 MT KLP 07/13/10
1653	GES004	3413	Cal 0.5		3				✓		029126
1742	GES005	3535	Cal 5.0		4				✓		029124
1830	GES006	2691	Cal 10		5				✓		029122
1919	GES007	3560	Cal 15		6				✓		029121
2008	GES008	3643	Cal 20		7				✓		029120
2056	GES009	3366	Cal 40		8				✓		029118
2145	GES010	4635	VIBLK		1			✓	✓		7/12/10
2304	GES011	3631	ICV	1	9			✓	✓		029398 78
2352	GES012	3631	LCS	1	9			✓	✓		029398 78
1113	GES013	4635	MBLK	1	1	200		✓	✓	WND	MT KLP 07/13/10

7/14/10

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	GESE	Start Date: 7/15/10	Time: 1109	ISTD Lot #:	27787	Instrument ID: G
Test Method:	TO15	End Date: 7/16/10	Time: 1109	CAL STD Lot #	29122	Instrument: 5973
ICAL Date:	7/10/10			ICV / LCS Lot #	23 29397	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1109	GESE001		BFB	NA	NA	NA	WRD	NA	NA	WRD	
1201	002	2691	CCV		1	200		NA	✓		AG
1249	003	3564	LCS		2			✓	✓		AG
1338	004	4635	MBLK		3			✓	✓		
1427	005	3150	689-1	1	4	200		✓	✓		C MI 17 29 81
1515	006	4123	1-2	1	5			✓	✓		C MI 13 17 30 40 43
1605	007	4145	700-8	0.2	6	1000		✓	↑ R		6l imdw cert
1656	008	3518	-9		7			✓	✓		
1746	009	2595	-10		8			✓	✓		
1836	010	2584	-11		9			✓	✓		MI
1927	011	4086	-12		10			✓	✓		
2015	012	2543	705-1	6.89	11	29		✓	✓		High TICs C MI 19
2103	013	3619	-2	10	12	20		✓	✓		C MI 49
2152	014	4780	-3		13			✓	✓		C MI 45
2240	015	4233	-4		14			✓	✓		C
2330	016	3263	735-9	0.2	15	2000		✓	✓		6l Batch Cert
0021	017	2614	737-2		16			✓	✓		
0111	018	3634	746-2	0.2	1	1000		✓	✓		
0201	019	2844	747-9		2			✓	✓		
0250	020	4802	691-1	1	3	200	WRD	✓	✓		C MI 39
0339	021	4487	-2		4			✓	✓		C
0428	022	4641	-3	10	5	20		✓	✓		C MI 25
0517	023	4392	-4		6			✓	✓		C MI 46
0605	024	4864	-5	1	7			✓	✓		C MI 36
0654	025	2544	690-1	10	8	20	WRD	✓	✓		C MI 36
0805	026	32X	688-1	29.300	9	3		✓	✓		DF 4546 C MI 41 72
0855	027	2601	736-10	0.2	10	1000		✓	✓		6l Batch cert

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	GESE	Start Date: 7/15/10	Time: 1109	ISTD Lot #:	Instrument ID: G
Test Method:	TO15	End Date: 7/16/10	Time: 1109	CAL STD Lot #	Instrument: 5973
ICAL Date:	7/14/10			ICV / LCS Lot #	Column Type: RTX-624

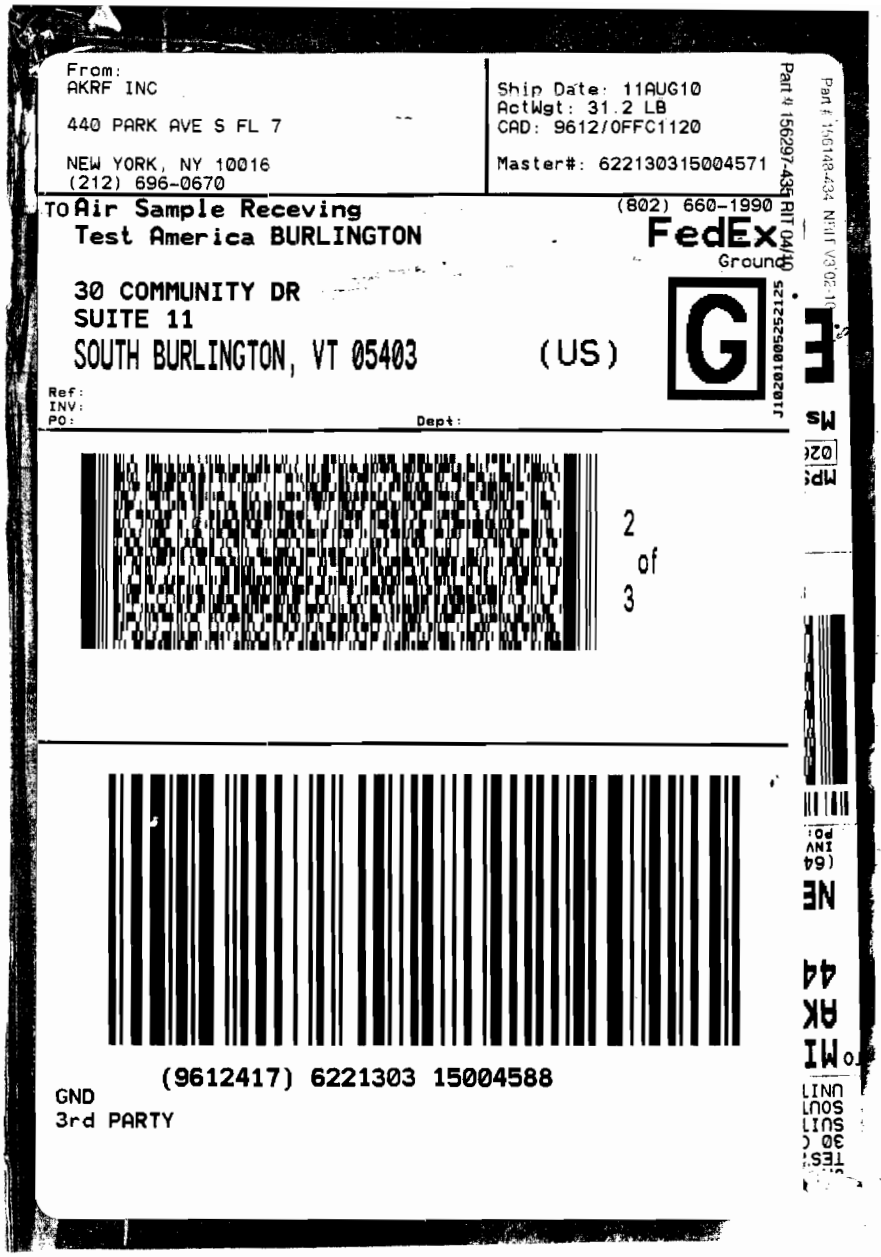
	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0953	GESE-028	3312	748-4	0.2	11	200	WND	✓	✓	WND	8 calibration

7/16/10

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Shipping and Receiving Documents



From:
AKRF INC

440 PARK AVE S FL 7

NEW YORK, NY 10016
(212) 696-0670

Ship Date: 11AUG10
ActWgt: 31.2 LB
CAD: 9612/0FFC1120

Master#: 622130315004571

TO Air Sample Receving
Test America BURLINGTON

(802) 660-1990

30 COMMUNITY DR
SUITE 11
SOUTH BURLINGTON, VT 05403 (US)

Ref:
INV:
PO: Dept:

FedEx Ground

2 of 3

(9612417) 6221303 15004588

GND
3rd PARTY

Part # 156297-435 RIT 04/10

J1020100525212S

ORIGIN ID: BTVA (802) 923-1058
JACK DUSTIN
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

SHIP DAT
ACTWGT:
CAD: 065
DIMS: 10

BILL SEN

TO MIKE OLESKE
AKRF, INC.
440 PARK AVE. SOUTH

NEW YORK NY 10016
(646) 388-9526

INV:
PO: REF:
DEPT:

1 of 3

TRK# 0201 4245 2048 7794

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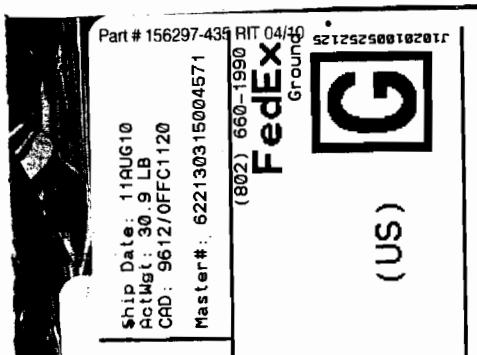
STANDARD

MASTER

EA JRAA



Part # 156297-435 RIT 04/10

J1020100525212S

From:
AKRF INC

440 PARK AVE S FL 7

NEW YORK, NY 10016
(212) 696-0670

Ship Date: 11AUG10
ActWgt: 30.9 LB
CAD: 9612/0FFC1120

Master#: 622130315004571

TO Air Sample Receving
Test America BURLINGTON

(802) 660-1990

30 COMMUNITY DR
SUITE 11
SOUTH BURLINGTON, VT 05403 (US)

Dept:

FedEx Ground

1 of 3

(9612417) 6221303 15004571

GND
3rd PARTY

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: KATE BRUNNER	Samples Collected By: M. OLESKE
Company: AKRF Inc	Phone: 646.388.9525	1 of 2 COCs
Address: 440 PARK AVE SOUTH 7TH FL	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: M. OLESKE	
FAX: 212.726.0942	TA Contact: ERIN ARASATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: CE FLUSHING 40-22 COLLEGE PT BLVD	Standard (Specify) ✓	
PO # 30141-0116 FLUSHING, NY	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-AA	8/10/2010	13:33	14:03	-31	-6	4684	5058	X								X			
CE-VAPOR-1		13:27	13:57	-29	-4	4686	4304	X									X		
CE-VAPOR-2		13:27	13:57	-30	-4	4582	5057	X									X		
CE-VAPOR-3		13:~~27~~ 26	13:57	-28	-8	4590	3733	X									X		
CE-VAPOR-4		13:26	13:56	-31	-6	4596	4349	X									X		
CE-VAPOR-5	8/10/2010	13:17	13:47	-30	-4	4622	3405	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86	91
Stop	86	91

Pressure (inches of Hg)	Interior	Ambient
Start	29.83	29.83
Stop	29.83	29.83

Special Instructions/QC Requirements & Comments:

Samples Shipped by: M[redacted] OLESKE	Date/Time: 8/10/2010 18:00	Samples Received by: 8/12/10 0820
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: KATE BRUNNER	**Samples Collected By:** M. OLESKE
Company: AKRF Inc	Phone: 646.388.9525	2 of 2 COCs
Address: 440 PARK AVE SOUTH 7TH FL	Email: KBrunner@akrf.com	
City/State/Zip NEW YORK NY 10016		
Phone: 646.388.9525	Site Contact: M. OLESKE	
FAX: 212.726.0942	TA Contact: ERIN ARASATE	
Project Name: CE FLUSHING	**Analysis Turnaround Time**	
Site: CE FLUSHING 40-22 COLLEGE PT BLVD	Standard (Specify) ✓	
PO # 30141-0116 FLUSHING NY	Rush (Specify)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-6	8/10/2010	13:18	13:48	-30	-4	4970	2953	X									X		
CE-VAPOR-7	8/10/2010	13:19	13:49	-30	-6	4597	4322	X									X		
CE-VAPOR-8	8/10/2010	13:19	13:49	-30	-4	4603	3655	X									X		

Temperature (Fahrenheit)	Interior	Ambient
Start	86	91
Stop	86	91

Pressure (Inches of Hg)	Interior	Ambient
Start	29.83	29.83
Stop	29.83	29.83

Special Instructions/QC Requirements & Comments:

Samples Shipped by: MATT OLESKE	Date/Time: 8/10/2010 18:00	Samples Received by: 8/12/10 0820
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 200-1086-1

Login Number: 1086

List Source: TestAmerica Burlington

Creator: Marion, Greg T

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	Ambient
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

AKRF, Inc.
440 Park Avenue South New York, NY 10016
212-696-0670

Submitted to:

NYSDEC Division of Environmental Remediation
47-20 21st Street
Long Island City, NY 11101

QUARTERLY VAPOR MONITORING REPORT

Flushing Industrial Park

Parcel 2

Project Number: 30141

JANUARY 2011

Flushing Industrial Park

Parcel 2

FLUSHING, NEW YORK

Quarterly Vapor Monitoring Report

October 2010 Sampling Event

AKRF Project Number: 30141

Prepared for:

NYSDEC – Region 2
Division of Environmental Remediation
47-20 21st Street
Long Island City, New York 11101

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

January 2011

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE 1
3.0 VAPOR MONITORING ACTIVITIES 2
3.1 SSDS Inspection 2
3.2 Vapor Sampling Methodology 2
4.0 FINDINGS AND CONCLUSIONS 3
4.1 Vapor Analytical Results 3
4.2 Continuation of Vapor Monitoring 3

TABLES

Table 1 Post-Remediation Vapor Sample Laboratory Analytical Results – VOCs

FIGURES

Figure 1 Site Location Map
Figure 2 Vapor Monitoring Sample Locations

APPENDICES

Appendix A Periodic Inspection Log
Appendix B Laboratory Analytical Results (CD)

1.0 INTRODUCTION

This Quarterly Vapor Monitoring Report has been prepared by AKRF, Inc. (AKRF) to summarize the sub-slab depressurization system (SSDS) vapor discharge monitoring performed at the Flushing Industrial Park (Western), Parcel 2 (BCP Site No. C241078) during the fourth quarter of 2010. This Parcel, in combination with Flushing Industrial Park (Eastern), Parcel 1 (BCP Site No. C241051), Flushing Industrial Park (Western Waterfront), Parcel 3 (BCP Site No. C241079), and Flushing Industrial Park (Flushing River), Parcel 4 (former BCP Site No. C241080), comprise approximately 13.6 acres located on the northwestern corner of College Point Boulevard and 40th Road, in Flushing, Queens, New York (collectively, the Property). The Property location is shown on Figure 1.

In 2001, C.E. Flushing, LLC (the initial Volunteer) entered into a Voluntary Cleanup Agreement with the New York State Department of Environmental Conservation (NYSDEC) with regard to the Property. By letter dated April 2, 2004, the Volunteer requested transition from the Voluntary Cleanup Program to the Brownfield Cleanup Program (BCP) for completion of the remedial program for the Property. In December 2004, the Volunteer entered into separate Brownfield Cleanup Agreements (BCAs) with NYSDEC for each of four Parcels – each one generally matching the former operable unit (OU). Amended BCAs to revise the Volunteers were executed in June 2005, December 2006, April 2007 and November 2007. In December 2007, Final Engineering Reports and Site Management Plans (SMPs) were submitted and NYSDEC granted Certificates of Completion for Parcels 1, 2 and 3. Parcel 4 was removed from the BCP. Under the SMPs, post-remediation vapor monitoring is to be performed on a quarterly basis to evaluate operation of the SSDS.

2.0 VAPOR MITIGATION SYSTEM OPERATION & MAINTENANCE

Site remediation of Parcel 2 included the installation of a vapor mitigation system, comprised of an SSDS and a vapor barrier, under the western retail building of the development. The vapor mitigation system design and installation oversight were conducted by Langan Engineering and Environmental Services, Inc. (Langan) of Elmwood Park, New Jersey. The SSDS construction was completed between October 30 and November 21, 2007, as documented in Langan's Engineering Controls (EC) Completion Report, dated November 28, 2007. The SSDS consists of eight parallel runs of six-inch diameter solid and perforated Schedule 80 PVC pipe installed within a continuous gravel layer beneath the vapor barrier and site cover. The piping connects together at two manifold locations to the north and south of the Parcel 2 western retail building footprint. The two manifolds each consist of four pipe risers (exhaust stacks) with independent inline vacuum fans and sixteen (16) pipe cleanouts, designated SP-1 through SP-16 at the perimeter of the building. The system consists of eight (8) exhaust stacks with sixteen (16) in-line fans (2 fans per exhaust stack, though initially only one per stack was installed), with sampling ports in the riser pipes beneath in each respective fan. See Figure 2 for the piping layout and the vapor sampling locations in the pipe risers (designated CE-VAPOR-1 to CE-VAPOR-8).

The vapor barrier is comprised of 60-millimeter thick linear low-density polyethylene geomembrane. The vapor barrier seams and perforations were sealed with double sided tape per manufacture specifications.

During the construction phase of the western retail building on Parcel 2, the active operation of the SSDS was temporarily suspended. Langan conducted confirmation (pilot) testing of the SSDS while in active operation on January 20, 2010 and concluded that the SSDS was operating effectively. As outlined in Langan's Soil Vapor Mitigation System Activation Status Memorandum dated January 22, 2010, which was submitted to NYSDEC as an attachment to the February 2010 *Quarterly Vapor Monitoring Report*,

the vapor mitigation measures have been modified since the submittal of the EC Completion Report and certification. These modifications included:

- The extension of the exhaust stacks to 6-stories above ground level;
- The addition of the second in-line fan to each stack on the 4th floor near the top of each stack;
- The reinstallation of the vapor barrier in the northern half of the western retail building footprint;
- The installation of a waterproofing course of Liquid Boot (a secondary vapor barrier) to the underside of the western retail building slab; and
- Modifications to the number and locations of clean-outs and sampling ports (SP).

To our knowledge, no additional modifications have been made to the SSDS since the January 20, 2010 activation.

3.0 VAPOR MONITORING ACTIVITIES

3.1 SSDS Inspection

The SSDS has been inspected regularly since the system was restarted on January 20, 2010. Inspections were conducted on a weekly basis during the first month and quarterly thereafter (as part of the quarterly vapor discharge sampling). These inspections consisted of measuring flow rates and vacuum readings to confirm that all of the fans are operational. The inspection performed on October 29, 2010 prior to the quarterly sampling event indicated that all fans were operational and vacuum measurements at the vapor sampling locations (both 1st floor and 4th floor locations) were within acceptable range. The inspection log is provided in Appendix A.

During the inspection, five of the cleanout ports (SP-2, 3, 4, 7, and 13) were not present, apparently buried by recent paving. Langan is reviewing the system design to evaluate whether these cleanouts will need to be repaired or replaced. The remaining 11 cleanout ports (SP-1, 5, 6, 8, 9, 10, 11, 12, 14, 15, and 16) were inspected for cap integrity. All but two cleanout ports accessible for inspection (SP-8 and SP-9) had adequate seals via PVC cap, rubber gasket cap, or an adhesive plastic cap; SP-8 and SP-9 were fitted with adhesive plastic caps during the inspection. The vacuum at these cleanouts are considered ancillary to those in the risers and these measurements are not necessary to evaluate system performance. They were not tested for vacuum pressures or vapor concentrations since field screening readings would not be representative of sub-slab conditions, given the pipes are under vacuum during system operation.

3.2 Vapor Sampling Methodology

Vapor samples were collected for laboratory analysis from the sampling ports directly below each of the eight 4th floor SSDS fans on October 29, 2010 to confirm that emissions were below the thresholds in the NYSDEC Division of Air Resources (DAR) publication "*Air Guide-1: Annual Guideline Concentrations (AGC)/Short-term Guideline Concentrations (SGC) Tables*", dated October 18, 2010. During sampling, the 1st floor fans were running but the 4th floor fans were turned off so there was no vacuum on the sampling port. Eight samples (designated CE-VAPOR-1 to CE-VAPOR-8) were collected with 6-liter Summa canisters equipped with flow regulators and vacuum gauges to allow sample collection over a 30-minute period. One ambient air sample (CE-AA) was collected on the central portion of the roof to determine background levels. Vapors were also field screened by collecting samples in Tedlar® bags and using a photo-ionization

detector (PID) to detect total volatile organic compounds (VOCs) and a landfill gas meter to detect methane.

Summa canisters were placed in a secure shipping container for pickup by the laboratory. Vapor samples were analyzed for VOCs using EPA Method TO-15 at TestAmerica, Inc. of South Burlington, Vermont, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Procedure (ELAP) certified laboratory.

Vapor sampling activities and other observations (e.g., field screening results, sampling personnel, and sample port integrity) were documented on the Periodic Inspection Logs presented in Appendix A.

4.0 FINDINGS AND CONCLUSIONS

4.1 Vapor Analytical Results

Field screening results at sampling ports at both the 1st floor and 4th floor locations indicated that vacuum pressures and field-screened vapor concentrations were within acceptable ranges. Methane was not detected in either the 1st floor or 4th floor ports. No elevated PID readings were detected in the sampling ports in either the 1st floor or 4th floor ports.

The laboratory analytical results for the samples collected below each of the 4th floor fans are summarized in Table 1, and the laboratory analytical reports are provided in Appendix B. The laboratory analytical reports include the chain of custody documentation, laboratory certification and laboratory quality assurance data.

Vapor analytical results were compared to the corresponding NYSDEC DAR-1 SGCs. Analytical results for the eight soil vapor samples and the ambient air sample indicated the detection of 29 VOCs; however, none exceeded the SGCs and all were found at concentrations less than 30 micrograms per cubic meter ($\mu g/m^3$). The sum of total detected VOCs was less than 75 $\mu g/m^3$ in all samples. Detected compounds were 1,2,4-Trimethylbenzene, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 2,2,4-Trimethylpentane, 4-Ethyltoluene, Acetone, Benzene, Carbon Disulfide, Chloroethane, Chloroform, Chloromethane, Cyclohexane, Dichlorodifluoromethane, Ethylbenzene, Isopropanol, 2-Hexanone, 2-Butanone, Methyl isobutyl ketone, n-Heptane, n-Hexane, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, Trichloroethene, Trichlorofluoromethane, and Xylenes. Several of these compounds are potentially related to gasoline; however, they can also be attributed to construction chemicals such as primer, paints, and glues and many were also detected in the ambient air sample. The analytical results indicated that effluent treatment is not warranted as part of the vapor mitigation system.

In addition, the concentrations were well below the sub-slab vapor concentrations warranting mitigation based on the decision matrices for select target compounds identified in the NYSDOH October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. The potential for vapor intrusion from the low level concentrations of methane and VOCs in the sub-slab vapors is also mitigated by presence of two vapor barrier layers beneath the building.

4.2 Continuation of Vapor Monitoring

Vapor monitoring activities will continue on a quarterly basis (unless permission to discontinue is granted in writing by NYSDEC and NYSDOH) to determine whether emissions continue to meet the SGCs, and to evaluate system performance with the fans operating. In order to determine

whether the system can be converted to passive venting (i.e., without operating the in-line fans), a separate sampling protocol will be established for approval by NYSDEC and NYSDOH.

TABLES

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-1			
Lab Sample ID	DAR-1 SGC	820120	831824	200-1086-2	220-13862-2
Date Sampled		2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution		3.33	10	5	1
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	3.7 U	11 U	1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	4.6 U	14 U	1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	5.1 U	15 U	1 U	0.2 U
1,1,2-Trichloroethane	NS	3.7 U	11 U	1 U	0.2 U
1,1-Dichloroethane	NS	2.7 U	8.1 U	1 U	0.2 U
1,1-Dichloroethene	NS	2.7 U	7.9 U	1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	13 U	37 U	2.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	15	9.8 U	1 U	0.66
1,2-Dibromoethane	NS	5.1 U	15 U	1 U	0.2 U
1,2-Dichlorobenzene	30,000	4 U	12 U	1 U	0.2 U
1,2-Dichloroethane	NS	2.7 U	8.1 U	1 U	0.2 U
1,2-Dichloroethene (cis)	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene (trans)	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene,Total	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloropropane	NS	3.1 U	9.2 U	1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	4.7 U	14 U	1 U	0.2 U
1,3,5-Trimethylbenzene	NS	24	18	2.1	0.65
1,3-Butadiene	NS	3.8 U	11 U	1 U	0.2 U
1,3-Dichlorobenzene	30,000	20	12 U	1 U	0.2 U
1,3-Dichloropropene (cis)	NS	3 U	9.1 U	1 U	0.2 U
1,3-Dichloropropene (trans)	NS	3 U	9.1 U	1 U	0.2 U
1,4-Dichlorobenzene	NS	4 U	12 U	1 U	0.2 U
1,4-Dioxane	3,000	61 U	180 U	25 U	5 U
2,2,4-Trimethylpentane	NS	3.1 U	9.3 U	1 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	3.5 U	10 U	1 U	0.2 U
3-Chloropropene (allyl chloride)	600	5.3 U	16 U	2.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	9.8	9.8 U	1 U	0.22
Acetone	180,000	40 U	120 U	25 U	5 U
Benzene	1300	2.6	6.4 U	1 U	0.2 U
Bromodichloromethane	NS	4.5 U	13 U	1 U	0.2 U
Bromoform	NS	6.9 U	21 U	1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	2.6 U	7.8 U	1 U	0.2 U
Carbon disulfide	6,200	5.3 U	16 U	2.5 U	0.5 U
Carbon tetrachloride	1,900	4.2 U	13 U	1 U	0.2 U
Chlorobenzene	NS	3.1 U	9.2 U	1 U	0.2 U
Chloroethane (ethyl chloride)	NS	4.5 U	13 U	2.5 U	0.5 U
Chloroform	150	3.3 U	9.8 U	1 U	1.4
Chloromethane (Methyl chloride)	22,000	3.5 U	10 U	2.5 U	0.5 U
Cyclohexane	NS	4.5	6.9 U	1 U	0.22
Dibromochloromethane	NS	5.7 U	17 U	1 U	0.2 U
Dichlorodifluoromethane	NS	8.4 U	25 U	2.5 U	0.5 U
Ethylbenzene	54,000	16	8.7 U	1 U	2.3
Hexachlorobutadiene	NS	7.1 U	21 U	1 U	0.2 U
Isopropanol	98,000	160	120 U	25 U	7.4
Methyl Butyl Ketone (2-Hexanone)	4,000	7 U	20 U	2.7	1.2
Methyl ethyl ketone (2-Butanone)	13,000	5 U	15 U	2.5 U	2.8
Methyl isobutyl ketone	31,000	7 U	20 U	2.5 U	0.5 U
Methylene Chloride	14,000	6.6	17 U	2.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	6.1 U	18 U	1 U	0.2 U
n-Heptane	210,000	27	8.2	1 U	0.49
n-Hexane	NS	6 U	18 U	1 U	0.31
Styrene	17,000	3.3	8.5 U	1 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	52 U	150 U	25 U	5 U
Tetrachloroethene (PCE)	1,000	4.5 U	14 U	1 U	0.45
Tetrahydrofuran	30,000	50 U	150 U	25 U	5 U
Toluene **	37,000	16	7.5 U	1 U	0.8
Trichloroethene (TCE)	14,000	3.6 U	11 U	1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	3.8 U	11 U	1 U	0.27
Vinyl bromide	NS	2.9 U	8.7 U	1 U	0.2 U
Vinyl Chloride	180,000	1.7 U	5.1 U	1 U	0.2 U
Xylene (m&p)	4,300	52	14	3.5	7
Xylene (m,p)	4,300	30	17 U	2.5 U	8.6
Xylene (o)	4,300	23	14	1.9	1.6
Total VOCs	NS	409.8	54.2	10.2	36.37

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-2			
Lab Sample ID	DAR-1 SGC	820121	831825	200-1086-3	220-13862-3
Date Sampled		2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution		10	10	5	1
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	11 U	11 U	1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	14 U	14 U	1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	15 U	15 U	1 U	0.2 U
1,1,2-Trichloroethane	NS	11 U	11 U	1 U	0.2 U
1,1-Dichloroethane	NS	8.1 U	8.1 U	1 U	0.2 U
1,1-Dichloroethene	NS	7.9 U	7.9 U	1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	37 U	37 U	2.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	9.8 U	9.8 U	1.2	0.27
1,2-Dibromoethane	NS	15 U	15 U	1 U	0.2 U
1,2-Dichlorobenzene	30,000	12 U	12 U	1 U	0.2 U
1,2-Dichloroethane	NS	8.1 U	8.1 U	1 U	0.2 U
1,2-Dichloroethene (cis)	NS	7.9 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene (trans)	NS	7.9 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene,Total	NS	7.9 U	7.9 U	1 U	0.2 U
1,2-Dichloropropane	NS	9.2 U	9.2 U	1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	14 U	14 U	1 U	0.2 U
1,3,5-Trimethylbenzene	NS	29	14	2.7	0.37
1,3-Butadiene	NS	11 U	11 U	1 U	0.2 U
1,3-Dichlorobenzene	30,000	23	12 U	1 U	0.2 U
1,3-Dichloropropene (cis)	NS	9.1 U	9.1 U	1 U	0.2 U
1,3-Dichloropropene (trans)	NS	9.1 U	9.1 U	1 U	0.2 U
1,4-Dichlorobenzene	NS	12 U	12 U	1 U	0.2 U
1,4-Dioxane	3,000	180 U	180 U	25 U	5 U
2,2,4-Trimethylpentane	NS	40	21	1.6	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	10 U	10 U	1 U	0.2 U
3-Chloropropene (allyl chloride)	600	16 U	16 U	2.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	9.8 U	9.8 U	1.2	0.2 U
Acetone	180,000	120 U	120 U	34	5.2
Benzene	1300	6.4 U	6.4 U	1	0.25
Bromodichloromethane	NS	13 U	13 U	1 U	0.2 U
Bromoform	NS	21 U	21 U	1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	7.8 U	7.8 U	1 U	0.2 U
Carbon disulfide	6,200	16 U	16 U	2.5 U	0.5 U
Carbon tetrachloride	1,900	13 U	13 U	1 U	0.2 U
Chlorobenzene	NS	9.2 U	9.2 U	1 U	0.2 U
Chloroethane (ethyl chloride)	NS	20	13 U	2.5 U	0.5 U
Chloroform	150	9.8 U	9.8 U	1 U	0.23
Chloromethane (Methyl chloride)	22,000	10 U	10 U	2.5 U	0.5
Cyclohexane	NS	6.9	6.9 U	1 U	0.2 U
Dibromochloromethane	NS	17 U	17 U	1 U	0.2 U
Dichlorodifluoromethane	NS	25 U	25 U	2.5 U	0.5 U
Ethylbenzene	54,000	14	8.7 U	1 U	1.5
Hexachlorobutadiene	NS	21 U	21 U	1 U	0.2 U
Isopropanol	98,000	140	120 U	25 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	20 U	20 U	9.8	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	15 U	15 U	7	0.64
Methyl isobutyl ketone	31,000	20 U	20 U	2.5 U	0.5 U
Methylene Chloride	14,000	17 U	17 U	2.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	18 U	18 U	1 U	0.2 U
n-Heptane	210,000	30	21	4.3	0.52
n-Hexane	NS	18 U	18 U	1 U	0.22
Styrene	17,000	8.5 U	8.5 U	1 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	150 U	150 U	25 U	5 U
Tetrachloroethene (PCE)	1,000	14 U	14 U	1	0.2 U
Tetrahydrofuran	30,000	150 U	150 U	25 U	5 U
Toluene **	37,000	9	7.5 U	1 U	1.1
Trichloroethene (TCE)	14,000	11 U	11 U	1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	11 U	11 U	1 U	0.26
Vinyl bromide	NS	8.7 U	8.7 U	1 U	0.2 U
Vinyl Chloride	180,000	5.1 U	5.1 U	1 U	0.2 U
Xylene (m&p)	4,300	23	9.1	2	3.7
Xylene (m,p)	4,300	17 U	17 U	2.5 U	4.8
Xylene (o)	4,300	23	9.1	1 U	1.1
Total VOCs	NS	357.9	74.2	65.8	20.66

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-3			
Lab Sample ID	DAR-1 SGC	820122	831826	200-1086-4	220-13862-4
Date Sampled		2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution		3.33	10	5	1
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	3.7 U	11 U	1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	4.6 U	14 U	1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	5.1 U	15 U	1 U	0.2 U
1,1,2-Trichloroethane	NS	3.7 U	11 U	1 U	0.2 U
1,1-Dichloroethane	NS	2.7 U	8.1 U	1 U	0.2 U
1,1-Dichloroethene	NS	2.7 U	7.9 U	1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	13 U	37 U	2.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	10	9.8 U	1	1.1
1,2-Dibromoethane	NS	5.1 U	15 U	1 U	0.2 U
1,2-Dichlorobenzene	30,000	4 U	12 U	1 U	0.2 U
1,2-Dichloroethane	NS	2.7 U	8.1 U	1 U	0.2 U
1,2-Dichloroethene (cis)	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene (trans)	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloroethene,Total	NS	2.7 U	7.9 U	1 U	0.2 U
1,2-Dichloropropane	NS	3.1 U	9.2 U	1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	4.7 U	14 U	1 U	0.2 U
1,3,5-Trimethylbenzene	NS	6.4	17	7.2	1.8
1,3-Butadiene	NS	3.8 U	11 U	1 U	0.2 U
1,3-Dichlorobenzene	30,000	34	12 U	1 U	0.2 U
1,3-Dichloropropene (cis)	NS	3 U	9.1 U	1 U	0.2 U
1,3-Dichloropropene (trans)	NS	3 U	9.1 U	1 U	0.2 U
1,4-Dichlorobenzene	NS	4 U	12 U	1 U	0.2 U
1,4-Dioxane	3,000	61 U	180 U	25 U	5 U
2,2,4-Trimethylpentane	NS	3.1 U	9.3 U	1 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	3.5 U	10 U	1 U	0.2 U
3-Chloropropene (allyl chloride)	600	5.3 U	16 U	2.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	3.6	9.8 U	1 U	0.81
Acetone	180,000	140	120 U	25 U	5 U
Benzene	1300	2.1 U	6.4 U	1 U	0.21
Bromodichloromethane	NS	4.5 U	13 U	1 U	0.2 U
Bromoform	NS	6.9 U	21 U	1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	2.6 U	7.8 U	1 U	0.2 U
Carbon disulfide	6,200	5.3 U	16 U	2.5 U	0.5 U
Carbon tetrachloride	1,900	4.2 U	13 U	1 U	0.2 U
Chlorobenzene	NS	3.1 U	9.2 U	1 U	0.2 U
Chloroethane (ethyl chloride)	NS	4.5 U	13 U	2.5 U	1.2
Chloroform	150	3.3 U	9.8 U	1 U	0.53
Chloromethane (Methyl chloride)	22,000	3.5 U	10 U	2.5 U	0.5 U
Cyclohexane	NS	2.3 U	6.9 U	1.3	0.2 U
Dibromochloromethane	NS	5.7 U	17 U	1 U	0.2 U
Dichlorodifluoromethane	NS	8.4 U	25 U	2.5 U	0.5 U
Ethylbenzene	54,000	8.3	13	4.7	2.5
Hexachlorobutadiene	NS	7.1 U	21 U	1 U	0.2 U
Isopropanol	98,000	210	120 U	25 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	7 U	20 U	10	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	100	15 U	2.5 U	0.62
Methyl isobutyl ketone	31,000	7 U	20 U	2.5 U	0.5 U
Methylene Chloride	14,000	5.9 U	17 U	2.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	6.1 U	18 U	1 U	0.2 U
n-Heptane	210,000	3.6	8.2 U	5	2.6
n-Hexane	NS	6 U	18 U	1 U	0.2 U
Styrene	17,000	3.2	8.5 U	1 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	52 U	150 U	25 U	5 U
Tetrachloroethene (PCE)	1,000	4.5	14 U	1 U	0.43
Tetrahydrofuran	30,000	62	150 U	25 U	5 U
Toluene **	37,000	14	7.5 U	1 U	0.46
Trichloroethene (TCE)	14,000	3.6 U	11 U	1 U	0.2
Trichlorofluoromethane (Freon 11)	68,000	3.8 U	11 U	1 U	0.28
Vinyl bromide	NS	2.9 U	8.7 U	1 U	0.2 U
Vinyl Chloride	180,000	1.7 U	5.1 U	1 U	0.2 U
Xylene (m&p)	4,300	38	27	13	7.6
Xylene (m,p)	4,300	24	17 U	2.6	9.1
Xylene (o)	4,300	13	27	11	1.5
Total VOCs	NS	674.6	84	55.8	30.94

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-4			
Lab Sample ID	DAR-1 SGC	820123	831827	200-1086-5	220-13862-5
Date Sampled		2/8/2010	6/1/2010	8/10/2010	10/29/2010
Dilution		9.97	10	5	2
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	11 U	11 U	1 U	0.4 U
1,1,2,2-Tetrachloroethane	NS	14 U	14 U	1 U	0.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	15 U	15 U	1 U	0.4 U
1,1,2-Trichloroethane	NS	11 U	11 U	1 U	0.4 U
1,1-Dichloroethane	NS	8.1 U	8.1 U	1 U	0.4 U
1,1-Dichloroethene	NS	7.9 U	7.9 U	1 U	0.4 U
1,2,4-Trichlorobenzene	3,700	37 U	37 U	2.5 U	1 U
1,2,4-Trimethylbenzene	NS	9.8 U	9.8 U	1 U	0.66
1,2-Dibromoethane	NS	15 U	15 U	1 U	0.4 U
1,2-Dichlorobenzene	30,000	12 U	12 U	1 U	0.4 U
1,2-Dichloroethane	NS	8.1 U	8.1 U	1 U	0.4 U
1,2-Dichloroethene (cis)	NS	7.9 U	7.9 U	1 U	0.4 U
1,2-Dichloroethene (trans)	NS	7.9 U	7.9 U	1 U	0.4 U
1,2-Dichloroethene,Total	NS	7.9 U	7.9 U	1 U	0.4 U
1,2-Dichloropropane	NS	9.2 U	9.2 U	1 U	0.4 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	14 U	14 U	1 U	0.4 U
1,3,5-Trimethylbenzene	NS	9.8 U	35	4.3	2.6
1,3-Butadiene	NS	11 U	11 U	1 U	0.4 U
1,3-Dichlorobenzene	30,000	34	12 U	1 U	0.4 U
1,3-Dichloropropene (cis)	NS	9.1 U	9.1 U	1 U	0.4 U
1,3-Dichloropropene (trans)	NS	9.1 U	9.1 U	1 U	0.4 U
1,4-Dichlorobenzene	NS	12 U	12 U	1 U	0.4 U
1,4-Dioxane	3,000	180 U	180 U	25 U	10 U
2,2,4-Trimethylpentane	NS	9.3 U	9.3 U	1 U	0.4 U
2-Chlorotoluene (o-Chlorotoluene)	NS	10 U	10 U	1 U	0.4 U
3-Chloropropene (allyl chloride)	600	16 U	16 U	2.5 U	1 U
4-Ethyltoluene (p-Ethyltoluene)	NS	9.8 U	9.8 U	1 U	0.4 U
Acetone	180,000	120 U	120 U	25 U	10 U
Benzene	1300	6.4 U	6.4 U	1.2	0.67
Bromodichloromethane	NS	13 U	13 U	1 U	0.4 U
Bromoform	NS	21 U	21 U	1 U	0.4 U
Bromomethane (Methyl bromide)	3,900	7.8 U	7.8 U	1 U	0.4 U
Carbon disulfide	6,200	16 U	16 U	2.5 U	1 U
Carbon tetrachloride	1,900	13 U	13 U	1 U	0.4 U
Chlorobenzene	NS	9.2 U	9.2 U	1 U	0.4 U
Chloroethane (ethyl chloride)	NS	13 U	13 U	2.5 U	1 U
Chloroform	150	9.8 U	9.8 U	1 U	0.4 U
Chloromethane (Methyl chloride)	22,000	10 U	10 U	2.5 U	1 U
Cyclohexane	NS	6.9 U	6.9 U	1.1	0.62
Dibromochloromethane	NS	17 U	17 U	1 U	0.4 U
Dichlorodifluoromethane	NS	25 U	25 U	2.5 U	1 U
Ethylbenzene	54,000	8.7 U	29	2.6	3
Hexachlorobutadiene	NS	21 U	21 U	1 U	0.4 U
Isopropanol	98,000	690	120 U	25 U	10 U
Methyl Butyl Ketone (2-Hexanone)	4,000	20 U	20 U	8.9	1 U
Methyl ethyl ketone (2-Butanone)	13,000	15 U	15 U	2.5 U	1 U
Methyl isobutyl ketone	31,000	20 U	20 U	2.5 U	1 U
Methylene Chloride	14,000	19	17 U	2.5 U	1 U
MTBE (Methyl tert-butyl ether)	NS	18 U	18 U	1 U	0.4 U
n-Heptane	210,000	8.6	15	2.8	2
n-Hexane	NS	18 U	18 U	1 U	0.54
Styrene	17,000	8.5 U	8.5 U	1 U	0.4 U
Tertiary butyl alcohol (TBA)	NS	150 U	150 U	25 U	10 U
Tetrachloroethene (PCE)	1,000	14 U	14 U	1 U	0.74
Tetrahydrofuran	30,000	150 U	150 U	25 U	10 U
Toluene **	37,000	26	7.5 U	1 U	0.4 U
Trichloroethene (TCE)	14,000	11 U	11 U	1 U	0.4 U
Trichlorofluoromethane (Freon 11)	68,000	11 U	11 U	1 U	0.4 U
Vinyl bromide	NS	8.7 U	8.7 U	1 U	0.4 U
Vinyl Chloride	180,000	5.1 U	5.1 U	1 U	0.4 U
Xylene (m&p)	4,300	36	96	9.4	6.8
Xylene (m,p)	4,300	24	30	2.5 U	12
Xylene (o)	4,300	11	65	7.3	4.8
Total VOCs	NS	848.6	270	37.6	34.43

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-5			
Lab Sample ID	DAR-1 SGC	820125	831356	200-1085-6	220-13862-6
Date Sampled		2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution		2.27	10	1	1
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	2.5 U	11 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	3.1 U	14 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	3.4 U	15 U	0.2 U	0.2 U
1,1,2-Trichloroethane	NS	2.5 U	11 U	0.2 U	0.2 U
1,1-Dichloroethane	NS	1.8 U	8.1 U	0.2 U	0.2 U
1,1-Dichloroethene	NS	1.8 U	7.9 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	3,700	8.2 U	37 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	5.4	9.8 U	0.84	0.2 U
1,2-Dibromoethane	NS	3.5 U	15 U	0.2 U	0.2 U
1,2-Dichlorobenzene	30,000	2.7 U	12 U	0.2 U	0.2 U
1,2-Dichloroethane	NS	1.8 U	8.1 U	0.33	0.29
1,2-Dichloroethene (cis)	NS	1.8 U	7.9 U	0.2 U	0.2 U
1,2-Dichloroethene (trans)	NS	1.8 U	7.9 U	0.2 U	0.2 U
1,2-Dichloroethene,Total	NS	1.8 U	7.9 U	0.2 U	0.2 U
1,2-Dichloropropane	NS	2.1 U	9.2 U	0.2 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	3.1 U	14 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	NS	2.2 U	9.8 U	0.23	0.2 U
1,3-Butadiene	NS	2.4 U	11 U	0.2 U	0.2 U
1,3-Dichlorobenzene	30,000	22	12 U	0.2 U	0.2 U
1,3-Dichloropropene (cis)	NS	2 U	9.1 U	0.2 U	0.2 U
1,3-Dichloropropene (trans)	NS	2 U	9.1 U	0.2 U	0.2 U
1,4-Dichlorobenzene	NS	2.7 U	12 U	2.2	0.2 U
1,4-Dioxane	3,000	40 U	180 U	5 U	5 U
2,2,4-Trimethylpentane	NS	2.1 U	9.3 U	0.9	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	2.3 U	10 U	0.2 U	0.2 U
3-Chloropropene (allyl chloride)	600	3.4 U	16 U	0.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	2.2 U	9.8 U	0.2	0.2 U
Acetone	180,000	71	120 U	10	9.4
Benzene	1300	3.1	6.4 U	1.3	0.92
Bromodichloromethane	NS	3 U	13 U	0.2 U	0.2 U
Bromoform	NS	4.7 U	21 U	0.2 U	0.2 U
Bromomethane (Methyl bromide)	3,900	1.7 U	7.8 U	0.2 U	0.2 U
Carbon disulfide	6,200	3.7	16 U	3	0.64
Carbon tetrachloride	1,900	2.8 U	13 U	0.2 U	0.2 U
Chlorobenzene	NS	2.1 U	9.2 U	0.2 U	0.2 U
Chloroethane (ethyl chloride)	NS	2.9 U	13 U	0.5 U	0.5 U
Chloroform	150	2.4	9.8 U	0.2 U	0.2 U
Chloromethane (Methyl chloride)	22,000	2.3 U	10 U	0.83	1.1
Cyclohexane	NS	1.5 U	6.9 U	0.89	0.2 U
Dibromochloromethane	NS	3.8 U	17 U	0.2 U	0.2 U
Dichlorodifluoromethane	NS	5.4 U	25 U	0.5 U	0.5 U
Ethylbenzene	54,000	4.3	8.7 U	1.8	0.37
Hexachlorobutadiene	NS	4.8 U	21 U	0.2 U	0.2 U
Isopropanol	98,000	150	120 U	5 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	4.5 U	20 U	0.5 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	8.6	32	4.1	0.95
Methyl isobutyl ketone	31,000	4.5 U	20 U	3.6	0.72
Methylene Chloride	14,000	3.8 U	17 U	0.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	4 U	18 U	0.2 U	0.2 U
n-Heptane	210,000	2.3	8.2 U	0.4	0.22
n-Hexane	NS	11	18 U	0.72	0.28
Styrene	17,000	60	12	1.4	0.2 U
Tertiary butyl alcohol (TBA)	NS	33 U	150 U	5 U	5 U
Tetrachloroethene (PCE)	1,000	3.1 U	14 U	0.2 U	0.2 U
Tetrahydrofuran	30,000	32 U	150 U	7.5	5 U
Toluene **	37,000	57	20	3.1	2.5
Trichloroethene (TCE)	14,000	2.4 U	11 U	0.2 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	2.5 U	11 U	0.22	0.26
Vinyl bromide	NS	2 U	8.7 U	0.2 U	0.2 U
Vinyl Chloride	180,000	1.2 U	5.1 U	0.2 U	0.2 U
Xylene (m&p)	4,300	20	8.7 U	6.2	0.95
Xylene (m,p)	4,300	15	17 U	4.9	1.2
Xylene (o)	4,300	5.2	8.7 U	1.3	0.22
Total VOCs	NS	441	64	55.96	20.02

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-6			
Lab Sample ID	DAR-1 SGC	820126	831357	200-1086-7	220-13862-7
Date Sampled		2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution		1	10	15.3	1
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	1.1 U	11 U	3.1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	1.4 U	14 U	3.1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	1.5 U	15 U	3.1 U	0.2 U
1,1,2-Trichloroethane	NS	1.1 U	11 U	3.1 U	0.2 U
1,1-Dichloroethane	NS	0.81 U	8.1 U	3.1 U	0.2 U
1,1-Dichloroethene	NS	0.79 U	7.9 U	3.1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	3.7 U	37 U	7.6 U	0.5 U
1,2,4-Trimethylbenzene	NS	1.6	9.8 U	3.1 U	0.98
1,2-Dibromoethane	NS	1.5 U	15 U	3.1 U	0.2 U
1,2-Dichlorobenzene	30,000	1.2 U	12 U	3.1 U	0.2 U
1,2-Dichloroethane	NS	0.81 U	10	3.1 U	0.29
1,2-Dichloroethene (cis)	NS	0.79 U	7.9 U	3.1 U	0.2 U
1,2-Dichloroethene (trans)	NS	0.79 U	7.9 U	3.1 U	0.2 U
1,2-Dichloroethene,Total	NS	0.79 U	7.9 U	3.1 U	0.2 U
1,2-Dichloropropane	NS	0.92 U	9.2 U	3.1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	1.4 U	14 U	3.1 U	0.2 U
1,3,5-Trimethylbenzene	NS	0.98 U	9.8 U	3.1 U	0.25
1,3-Butadiene	NS	1.1 U	11 U	3.1 U	0.2 U
1,3-Dichlorobenzene	30,000	2	12 U	3.1 U	0.2 U
1,3-Dichloropropene (cis)	NS	0.91 U	9.1 U	3.1 U	0.2 U
1,3-Dichloropropene (trans)	NS	0.91 U	9.1 U	3.1 U	0.2 U
1,4-Dichlorobenzene	NS	1.2 U	12 U	3.1 U	0.2 U
1,4-Dioxane	3,000	18 U	180 U	76 U	5 U
2,2,4-Trimethylpentane	NS	1.1	9.3 U	3.1 U	0.2
2-Chlorotoluene (o-Chlorotoluene)	NS	1 U	10 U	3.1 U	0.2 U
3-Chloropropene (allyl chloride)	600	1.6 U	16 U	7.6 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	0.98 U	9.8 U	3.1 U	0.21
Acetone	180,000	62	120 U	76 U	16
Benzene	1300	1.4	6.4 U	3.1 U	0.45
Bromodichloromethane	NS	1.3 U	13 U	3.1 U	0.2 U
Bromoform	NS	2.1 U	21 U	3.1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	0.78 U	7.8 U	3.1 U	0.2 U
Carbon disulfide	6,200	1.6 U	16 U	15	2.3
Carbon tetrachloride	1,900	1.3 U	13 U	3.1 U	0.2 U
Chlorobenzene	NS	0.92 U	9.2 U	3.1 U	0.2 U
Chloroethane (ethyl chloride)	NS	1.3 U	13 U	7.6 U	0.5 U
Chloroform	150	0.98 U	9.8 U	3.1 U	0.2 U
Chloromethane (Methyl chloride)	22,000	1.1	10 U	7.6 U	0.75
Cyclohexane	NS	0.93	6.9 U	3.1 U	0.2 U
Dibromochloromethane	NS	1.7 U	17 U	3.1 U	0.2 U
Dichlorodifluoromethane	NS	2.5	25 U	7.6 U	0.51
Ethylbenzene	54,000	2.3	8.7 U	3.1 U	0.85
Hexachlorobutadiene	NS	2.1 U	21 U	3.1 U	0.2 U
Isopropanol	98,000	24	120 U	76 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	2 U	20 U	7.6 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	1.5 U	68	180	8
Methyl isobutyl ketone	31,000	2 U	20 U	41	7.3
Methylene Chloride	14,000	1.7 U	17 U	7.6 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	1.8 U	18 U	3.1 U	0.2 U
n-Heptane	210,000	1.4	8.2 U	3.1 U	0.39
n-Hexane	NS	9.9	18 U	3.1 U	0.3
Styrene	17,000	1.3	13	4.1	0.37
Tertiary butyl alcohol (TBA)	NS	15 U	150 U	76 U	5 U
Tetrachloroethene (PCE)	1,000	1.4 U	14 U	3.1 U	0.2 U
Tetrahydrofuran	30,000	15 U	150	420	26
Toluene **	37,000	68	31	4.8	3.2
Trichloroethene (TCE)	14,000	1.1 U	11 U	3.1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	1.2	11 U	3.1 U	0.27
Vinyl bromide	NS	0.87 U	8.7 U	3.1 U	0.2 U
Vinyl Chloride	180,000	0.51 U	5.1 U	3.1 U	0.2 U
Xylene (m&p)	4,300	9.6	8.7 U	5.9	2.5
Xylene (m,p)	4,300	7.4	17 U	7.6 U	3
Xylene (o)	4,300	2	8.7 U	3.1 U	0.51
Total VOCs	NS	199.73	272	670.8	74.63

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-7			
Lab Sample ID	DAR-1 SGC	820127	831358	200-1086-8	220-13862-8
Date Sampled		2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution		4.55	10	25.3	1
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	5 U	11 U	5.1 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	6.2 U	14 U	5.1 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	7 U	15 U	5.1 U	0.2 U
1,1,2-Trichloroethane	NS	5 U	11 U	5.1 U	0.2 U
1,1-Dichloroethane	NS	3.7 U	8.1 U	5.1 U	0.2 U
1,1-Dichloroethene	NS	3.6 U	7.9 U	5.1 U	0.2 U
1,2,4-Trichlorobenzene	3,700	17 U	37 U	13 U	0.5 U
1,2,4-Trimethylbenzene	NS	4.9	9.8 U	5.1 U	0.2 U
1,2-Dibromoethane	NS	7 U	15 U	5.1 U	0.2 U
1,2-Dichlorobenzene	30,000	5.5 U	12 U	5.1 U	0.2 U
1,2-Dichloroethane	NS	3.7 U	8.1 U	5.1 U	0.23
1,2-Dichloroethene (cis)	NS	3.6 U	7.9 U	5.1 U	0.2 U
1,2-Dichloroethene (trans)	NS	3.6 U	7.9 U	5.1 U	0.2 U
1,2-Dichloroethene,Total	NS	3.6 U	7.9 U	5.1 U	0.2 U
1,2-Dichloropropane	NS	4.2 U	9.2 U	5.1 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	6.4 U	14 U	5.1 U	0.2 U
1,3,5-Trimethylbenzene	NS	4.5 U	9.8 U	5.1 U	0.2 U
1,3-Butadiene	NS	5.1 U	11 U	5.1 U	0.2 U
1,3-Dichlorobenzene	30,000	16	12 U	5.1 U	0.2 U
1,3-Dichloropropene (cis)	NS	4.1 U	9.1 U	5.1 U	0.2 U
1,3-Dichloropropene (trans)	NS	4.1 U	9.1 U	5.1 U	0.2 U
1,4-Dichlorobenzene	NS	5.5 U	12 U	5.1 U	0.2 U
1,4-Dioxane	3,000	83 U	180 U	130 U	5 U
2,2,4-Trimethylpentane	NS	4.3 U	9.3 U	5.1 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	4.7 U	10 U	5.1 U	0.2 U
3-Chloropropene (allyl chloride)	600	7.2 U	16 U	13 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	4.5 U	9.8 U	5.1 U	0.2 U
Acetone	180,000	55 U	120 U	130 U	13
Benzene	1300	5.1	6.4 U	5.1 U	0.41
Bromodichloromethane	NS	6.1 U	13 U	5.1 U	0.2 U
Bromoform	NS	9.4 U	21 U	5.1 U	0.2 U
Bromomethane (Methyl bromide)	3,900	3.5 U	7.8 U	5.1 U	0.2 U
Carbon disulfide	6,200	9.3	16 U	13 U	0.5 U
Carbon tetrachloride	1,900	5.7 U	13 U	5.1 U	0.2 U
Chlorobenzene	NS	4.2 U	9.2 U	5.1 U	0.2 U
Chloroethane (ethyl chloride)	NS	6.1 U	13 U	13 U	0.5 U
Chloroform	150	4.4 U	9.8 U	5.1 U	0.2 U
Chloromethane (Methyl chloride)	22,000	4.7 U	10 U	13 U	0.96
Cyclohexane	NS	3.1 U	6.9 U	5.1 U	0.2 U
Dibromochloromethane	NS	7.8 U	17 U	5.1 U	0.2 U
Dichlorodifluoromethane	NS	11 U	25 U	13 U	0.5 U
Ethylbenzene	54,000	4.8	8.7 U	5.1 U	0.32
Hexachlorobutadiene	NS	9.7 U	21 U	5.1 U	0.2 U
Isopropanol	98,000	76	120 U	130 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	9.4 U	20 U	13 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	38	380	380	2.4
Methyl isobutyl ketone	31,000	9.4 U	34	44	0.6
Methylene Chloride	14,000	8 U	17 U	13 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	8.3 U	18 U	5.1 U	0.2 U
n-Heptane	210,000	3.7 U	8.2 U	5.1 U	0.23
n-Hexane	NS	8.1 U	18 U	5.1 U	0.26
Styrene	17,000	510	51	9.8	0.2 U
Tertiary butyl alcohol (TBA)	NS	70 U	150 U	130 U	5 U
Tetrachloroethene (PCE)	1,000	6.2 U	14 U	5.1 U	0.2 U
Tetrahydrofuran	30,000	68	530	770	5 U
Toluene **	37,000	32	14	5.1 U	2.1
Trichloroethene (TCE)	14,000	4.9 U	11 U	5.1 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	5.1 U	11 U	5.1 U	0.26
Vinyl bromide	NS	4 U	8.7 U	5.1 U	0.2 U
Vinyl Chloride	180,000	2.3 U	5.1 U	5.1 U	0.2 U
Xylene (m&p)	4,300	21	8.7 U	6.4	0.86
Xylene (m,p)	4,300	13	17 U	13 U	1.1
Xylene (o)	4,300	7.4	8.7 U	5.1 U	0.2
Total VOCs	NS	805.5	629	1210.2	22.93

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-VAPOR-8			
Lab Sample ID	DAR-1 SGC	820128	831359	200-1086-9	220-13862-9
Date Sampled		2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution		1	10	20	1
VOCs (µg/m³)	µg/m³				
1,1,1-Trichloroethane **	68,000	1.1 U	11 U	4 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	1.4 U	14 U	4 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	1.5 U	15 U	4 U	0.2 U
1,1,2-Trichloroethane	NS	1.1 U	11 U	4 U	0.2 U
1,1-Dichloroethane	NS	0.81 U	8.1 U	4 U	0.2 U
1,1-Dichloroethene	NS	0.79 U	7.9 U	4 U	0.2 U
1,2,4-Trichlorobenzene	3,700	3.7 U	37 U	10 U	0.5 U
1,2,4-Trimethylbenzene	NS	3.9	9.8 U	4 U	0.2 U
1,2-Dibromoethane	NS	1.5 U	15 U	4 U	0.2 U
1,2-Dichlorobenzene	30,000	1.2 U	12 U	4 U	0.2 U
1,2-Dichloroethane	NS	0.81 U	8.5	4 U	0.2 U
1,2-Dichloroethene (cis)	NS	0.79 U	7.9 U	4 U	0.2 U
1,2-Dichloroethene (trans)	NS	0.79 U	7.9 U	4 U	0.2 U
1,2-Dichloroethene,Total	NS	0.79 U	7.9 U	4 U	0.2 U
1,2-Dichloropropane	NS	0.92 U	9.2 U	4 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	1.4 U	14 U	4 U	0.2 U
1,3,5-Trimethylbenzene	NS	1.2	9.8 U	4 U	0.2 U
1,3-Butadiene	NS	1.1 U	11 U	4 U	0.2 U
1,3-Dichlorobenzene	30,000	15	12 U	4 U	0.2 U
1,3-Dichloropropene (cis)	NS	0.91 U	9.1 U	4 U	0.2 U
1,3-Dichloropropene (trans)	NS	0.91 U	9.1 U	4 U	0.2 U
1,4-Dichlorobenzene	NS	1.2 U	12 U	4 U	0.2 U
1,4-Dioxane	3,000	18 U	180 U	100 U	5 U
2,2,4-Trimethylpentane	NS	1.5	9.3 U	4 U	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	1 U	10 U	4 U	0.2 U
3-Chloropropene (allyl chloride)	600	1.6 U	16 U	10 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	1.3	9.8 U	4 U	0.2 U
Acetone	180,000	76	120 U	100 U	8
Benzene	1300	1.7	6.4 U	4 U	0.23
Bromodichloromethane	NS	1.3 U	13 U	4 U	0.2 U
Bromoform	NS	2.1 U	21 U	4 U	0.2 U
Bromomethane (Methyl bromide)	3,900	0.78 U	7.8 U	4 U	0.2 U
Carbon disulfide	6,200	1.6 U	16 U	17	0.5 U
Carbon tetrachloride	1,900	1.3 U	13 U	4 U	0.2 U
Chlorobenzene	NS	0.92 U	9.2 U	4 U	0.2 U
Chloroethane (ethyl chloride)	NS	1.3 U	13 U	10 U	0.5 U
Chloroform	150	0.98 U	9.8 U	4 U	0.48
Chloromethane (Methyl chloride)	22,000	1.4	10 U	10 U	0.54
Cyclohexane	NS	1.1	6.9 U	5.2	0.2 U
Dibromochloromethane	NS	1.7 U	17 U	4 U	0.2 U
Dichlorodifluoromethane	NS	2.5 U	25 U	10 U	0.5
Ethylbenzene	54,000	3.6	8.7 U	4 U	0.37
Hexachlorobutadiene	NS	2.1 U	21 U	4 U	0.2 U
Isopropanol	98,000	69	120 U	100 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	2 U	20 U	10 U	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	2.7	120	200	0.79
Methyl isobutyl ketone	31,000	2 U	20 U	28	0.5 U
Methylene Chloride	14,000	2	17 U	10 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	1.8 U	18 U	4 U	0.2 U
n-Heptane	210,000	1.8	8.2 U	4 U	0.21
n-Hexane	NS	12	18 U	4 U	0.25
Styrene	17,000	29	27	5.8	0.2 U
Tertiary butyl alcohol (TBA)	NS	15 U	150 U	100 U	5 U
Tetrachloroethene (PCE)	1,000	1.4 U	14 U	4 U	0.27
Tetrahydrofuran	30,000	15 U	230	560	5 U
Toluene **	37,000	79	26	4.9	2.3
Trichloroethene (TCE)	14,000	1.1 U	11 U	4 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	1.4	11 U	4 U	0.25
Vinyl bromide	NS	0.87 U	8.7 U	4 U	0.2 U
Vinyl Chloride	180,000	0.51 U	5.1 U	4 U	0.2 U
Xylene (m&p)	4,300	16	8.7 U	6.3	1
Xylene (m,p)	4,300	12	17 U	10 U	1.2
Xylene (o)	4,300	3.8	8.7 U	4 U	0.23
Total VOCs	NS	335.4	411.5	827.2	16.62

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	CE-AA			
Lab Sample ID	DAR-1 SGC	820124	831360	200-1086-1	220-13862-1
Date Sampled		2/8/2010	5/24/2010	8/10/2010	10/29/2010
Dilution		1	1	1	1
VOCs (µg/m^3)	µg/m^3				
1,1,1-Trichloroethane **	68,000	1.1 U	1.1 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	NS	1.4 U	1.4 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	960,000	1.5 U	1.5 U	0.2 U	0.2 U
1,1,2-Trichloroethane	NS	1.1 U	1.1 U	0.2 U	0.2 U
1,1-Dichloroethane	NS	0.81 U	0.81 U	0.2 U	0.2 U
1,1-Dichloroethene	NS	0.79 U	0.79 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	3,700	3.7 U	3.7 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	NS	0.98 U	0.98 U	0.2 U	0.2 U
1,2-Dibromoethane	NS	1.5 U	1.5 U	0.2 U	0.2 U
1,2-Dichlorobenzene	30,000	1.2 U	1.2 U	0.2 U	0.2 U
1,2-Dichloroethane	NS	0.81 U	0.81 U	0.2 U	0.2 U
1,2-Dichloroethene (cis)	NS	0.79 U	0.79 U	0.2 U	0.2 U
1,2-Dichloroethene (trans)	NS	0.79 U	0.79 U	0.2 U	0.2 U
1,2-Dichloroethene,Total	NS	0.79 U	0.79 U	0.2 U	0.2 U
1,2-Dichloropropane	NS	0.92 U	0.92 U	0.2 U	0.2 U
1,2-Dichlorotetrafluoroethane (Freon 114)	NS	1.4 U	1.4 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	NS	0.98 U	0.98 U	0.2 U	0.2 U
1,3-Butadiene	NS	1.1 U	1.1 U	0.2 U	0.2 U
1,3-Dichlorobenzene	30,000	1.2 U	1.2 U	0.2 U	0.2 U
1,3-Dichloropropene (cis)	NS	0.91 U	0.91 U	0.2 U	0.2 U
1,3-Dichloropropene (trans)	NS	0.91 U	0.91 U	0.2 U	0.2 U
1,4-Dichlorobenzene	NS	1.2 U	1.2 U	0.2 U	0.2 U
1,4-Dioxane	3,000	18 U	18 U	5 U	5 U
2,2,4-Trimethylpentane	NS	0.93 U	0.93 U	0.2	0.2 U
2-Chlorotoluene (o-Chlorotoluene)	NS	1 U	1 U	0.2 U	0.2 U
3-Chloropropene (allyl chloride)	600	1.6 U	1.6 U	0.5 U	0.5 U
4-Ethyltoluene (p-Ethyltoluene)	NS	0.98 U	0.98 U	0.2 U	0.2 U
Acetone	180,000	12	12 U	28	5 U
Benzene	1300	1	0.64 U	0.23	0.27
Bromodichloromethane	NS	1.3 U	1.3 U	0.2 U	0.2 U
Bromoform	NS	2.1 U	2.1 U	0.2 U	0.2 U
Bromomethane (Methyl bromide)	3,900	0.78 U	0.78 U	0.2 U	0.2 U
Carbon disulfide	6,200	1.6 U	1.6 U	0.5 U	0.5 U
Carbon tetrachloride	1,900	1.3 U	1.3 U	0.2 U	0.2 U
Chlorobenzene	NS	0.92 U	0.92 U	0.2 U	0.2 U
Chloroethane (ethyl chloride)	NS	1.3 U	1.3 U	0.5 U	0.5 U
Chloroform	150	0.98 U	0.98 U	0.2 U	0.2 U
Chloromethane (Methyl chloride)	22,000	1.3	1 U	0.51	0.55
Cyclohexane	NS	0.69 U	0.69 U	0.2 U	0.2 U
Dibromochloromethane	NS	1.7 U	1.7 U	0.2 U	0.2 U
Dichlorodifluoromethane	NS	2.5 U	2.5 U	0.5 U	0.5 U
Ethylbenzene	54,000	0.91	0.87 U	0.2 U	0.2 U
Hexachlorobutadiene	NS	2.1 U	2.1 U	0.2 U	0.2 U
Isopropanol	98,000	12 U	12 U	5 U	5 U
Methyl Butyl Ketone (2-Hexanone)	4,000	2 U	2 U	0.56	0.5 U
Methyl ethyl ketone (2-Butanone)	13,000	1.5 U	1.6	4.2	0.5 U
Methyl isobutyl ketone	31,000	2 U	2 U	0.5 U	0.5 U
Methylene Chloride	14,000	8	1.7 U	0.5 U	0.5 U
MTBE (Methyl tert-butyl ether)	NS	1.8 U	1.8 U	0.2 U	0.2 U
n-Heptane	210,000	0.82 U	0.82 U	0.29	0.2 U
n-Hexane	NS	3.3	1.8 U	0.27	0.2 U
Styrene	17,000	0.85 U	0.85 U	0.2 U	0.2 U
Tertiary butyl alcohol (TBA)	NS	15 U	15 U	5 U	5 U
Tetrachloroethene (PCE)	1,000	1.4 U	1.4 U	0.2 U	0.2 U
Tetrahydrofuran	30,000	15 U	15 U	5 U	5 U
Toluene **	37,000	5.3	3	0.67	0.63
Trichloroethene (TCE)	14,000	1.1 U	1.1 U	0.2 U	0.2 U
Trichlorofluoromethane (Freon 11)	68,000	1.5	1.4	0.24	0.26
Vinyl bromide	NS	0.87 U	0.87 U	0.2 U	0.2 U
Vinyl Chloride	180,000	0.51 U	0.51 U	0.2 U	0.2 U
Xylene (m&p)	4,300	2.9	1.8	0.23	0.5 U
Xylene (m,p)	4,300	2.9	1.8	0.5 U	0.41
Xylene (o)	4,300	0.87 U	0.87 U	0.2 U	0.2 U
Total VOCs	NS	39.11	9.6	35.4	2.12

Table 1
Flushing Industrial Park, Parcel 2
Post-Remediation Vapor Sample Laboratory Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

U : The analyte was not detected at the indicated concentration.

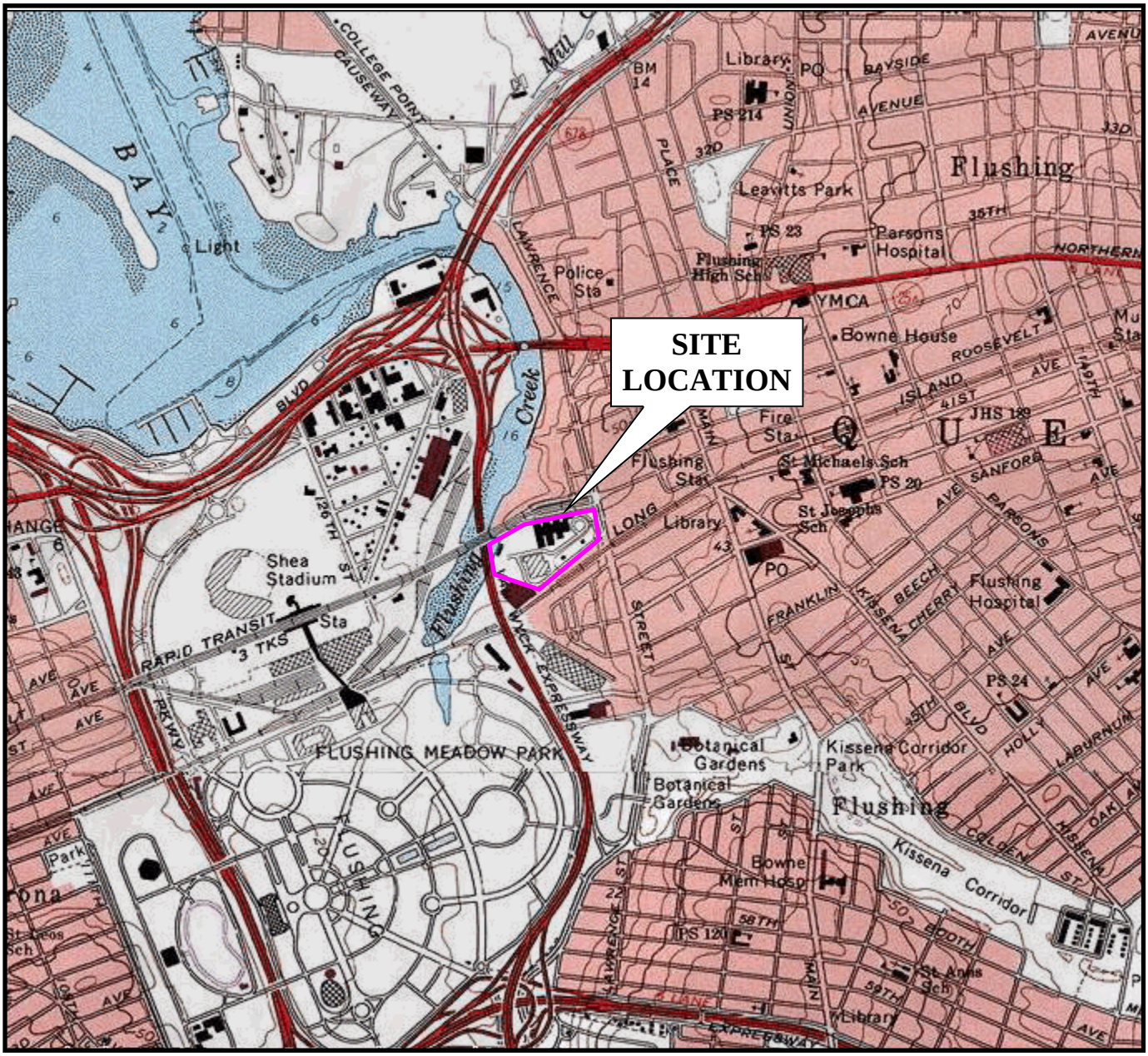
Exceedences are highlighted in bold font.

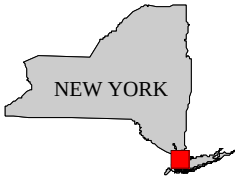
AIR

DAR-1 SGC : To satisfy the requirements described in 6 NYCRR Part 212.9(a) Table 1, the NYSDEC established a listing of non-criteria air contaminants with acceptable ambient air concentrations to help the user of DAR-1 make an appropriate Environmental Rating determination. The acceptable air concentrations, in micrograms per cubic meter, are listed for annual emission rates called Annual Guideline Concentrations (AGC) and for hourly emission rates called Short-Term Guideline Concentrations (SGC). A listing of AGC/SGCs were incorporated into the 1991 Draft version of Air Guide-1 (DAR-1) under Appendix C and revised in 1995, 2000, 2003 and 2007

$\mu g/m^3$: micrograms per cubic meter of air

FIGURES

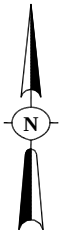




SCALE IN FEET

0’ 1000’ 2000’ 4000’

SCALE: 1”=2000’



SOURCE:

7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP
QUADRANGLE: FLUSHING, NY 1995

FLUSHING INDUSTRIAL PARK, PARCELS 1-4
FLUSHING, NEW YORK

PROJECT SITE LOCATION

AKRF

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE **11.21.06**
PROJECT No. **30141**
SCALE **AS SHOWN**
FIGURE **1**

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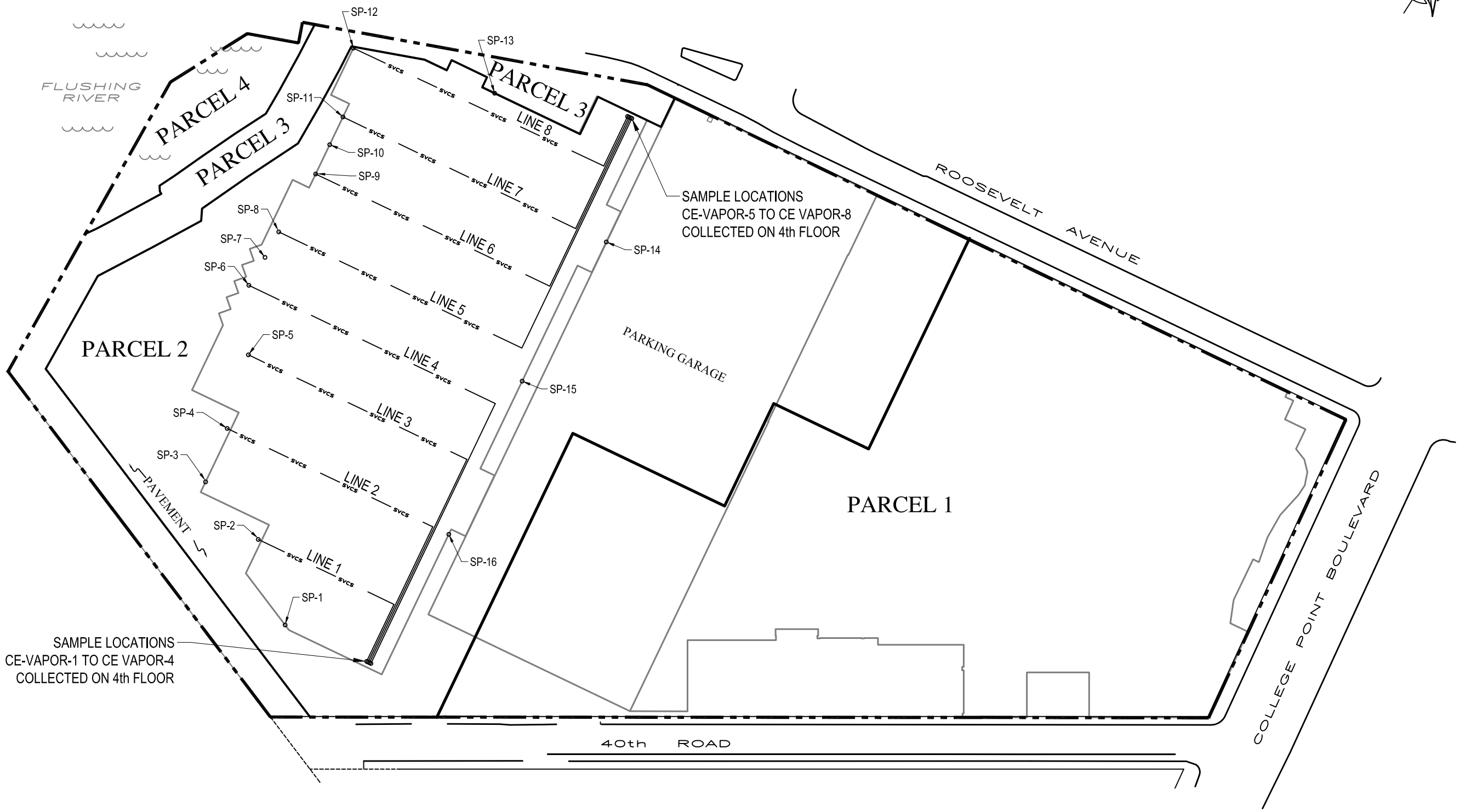

Legend:

- PLANNED BUILDING LINE
- PARCEL BOUNDARY
- PROPERTY BOUNDARY

SCALE IN FEET
0' 50' 100' 200'
SCALE: 1"=100'

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AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

FLUSHING INDUSTRIAL PARK, PARCELS 1 - 4
Flushing, New York

VAPOR MONITORING SAMPLE LOCATIONS

DATE
5.18.10

SCALE
1"=100'

PROJECT No.
30141

FIGURE No.
2

APPENDIX A

PERIODIC INSPECTION LOG

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM
Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

Inspector Name: Steve Grens	**Date: 10/29/10**
Time IN: 9:00	**Time OUT: 15:20**

GENERAL

Weather: overcast Temperature: 55 degrees Barometric Pressure: 29.57

When was the last rain event? 0.29 inches on 10/27/10

Are all system fans operating? Yes

If no, please list: NA

Any evidence of system tampering, vandalism or damage? No

Were all cleanout and sampling port caps securely attached prior to system testing? Sampling ports for fans 1A through 8A were missing the barbed fittingsl however, all sampling ports were closed with end bolts. SP-8 and SP-9 were damaged.

If no, please list location and corrective action: SP-8 and SP-9: adhesive plastic cap applied to seal cleanout port.

FAN OPERATIONS - 1st Floor

1st Floor Locations (Lines 1A - 8A)	**Vacuum Below Fan [1] "H_2O**	**PID ppb**	**Methane [2] %**	**LEL %**	**Notes**
SVCS Line 1	-1.5	ND	0	0	
SVCS Line 2	-1.4	ND	0	0	
SVCS Line 3	-1.5	ND	0	0	
SVCS Line 4	-1.9	ND	0	0	
SVCS Line 5	-5.4	ND	0	0	
SVCS Line 6	-5.2 - 5.4	ND	0	0	vacuum readings fluctuate
SVCS Line 7	-5.4	ND	0	0	
SVCS Line 8	-5.4	ND	0	0	

Comments: Background PID readings in 1st floor fan rooms (1A through 8A) = None Detected (ND)

FAN OPERATIONS - 4th Floor

4th Floor Locations (Lines 1B - 8B)	**Vacuum Below Fan [1] "H_2O**	**PID ppb**	**Methane [2] %**	**LEL %**	**Notes**
SVCS Line 1	-1	ND	0	0	
SVCS Line 2	-1	ND	0	0	
SVCS Line 3	-0.9	ND	0	0	
SVCS Line 4	-1.3	ND	0	0	
SVCS Line 5	-2.8	ND	0	0	
SVCS Line 6	-2.9	ND	0	0	
SVCS Line 7	-2.9	ND	0	0	
SVCS Line 8	-2.6	ND	0	0	

Comments: Background PID readings in 4th floor fan rooms (1B through 8B) = None Detected (ND)

Notes:
1. Normal system vacuums range between 0.400" and 1.000" H2O. If outside this range, contact Langan.
2. Any methane levels above 3% should be reported to Langan immediately.

PERIODIC INSPECTION LOG
VAPOR MITIGATION SYSTEM
Flushing Industrial Park Parcel 2 (Skyview Parc), 40th Road and College Point Boulevard, Flushing, New York

VAPOR SAMPLES (Quarterly)

Location	Start Time	Start Vacuum	End Time	End Vacuum	Flow Cont. ID	Summa ID	Notes
Ambient Air	13:36	-29	14:06	-4	4591	3460	
SVCS Line 1	14:21	-29	14:51	-4	4701	4343	
SVCS Line 2	14:22	;52	14:52	-8	4585	4304	
SVCS Line 3	14:22	-30	14:52	-6	4597	5138	
SVCS Line 4	14:23	-29	14:53	-3	4679	4014	
SVCS Line 5	13:33	-29	14:03	-1	4608	3336	
SVCS Line 6	13:32	-30	14:02	-1	4624	5142	
SVCS Line 7	13:32	-30	14:02	-1	4683	4778	
SVCS Line 8	13:31	-29.5	14:01	-6	4590	4461	

Comments: PID reading collected on BJ's roof, adjacent to ambient air sample (CE-AA) = ND

Note: Samples to be collected at Line B - 4th Floor, unless otherwise indicated.

Emergency Contact Information

Name	Title	Contact Number
Vasos Michael	Skyview Parc Project Executive	718-358-7100
Marcus Simons	AKRF Project Director	646-388-9257 (office) 917-509-5259 (cell)
Kate Brunner	AKRF Project Manager	646-388-9525 (office) 917-612-3990 (cell)
Marshall King/ Steven Ciambruschini	Langan Project Engineers	201-794-6900 (office) 201-981-8555 (King cell)

APPENDIX B

LABORATORY ANALYTICAL RESULTS (CD)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-13862-1

Job Description: 30141-0116 CE Flushing Industrial Park A

For:
AKRF Inc
440 Park Avenue South
New York, NY 10016

Attention: Kate Brunner

Approved for release.
Cheryl Cascella
Data Review Analyst I
11/16/2010 10:42 AM

Designee for
Jill M Duhancik
Customer Service Manager
jill.duhancik@testamericainc.com
11/16/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
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ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Cover Title Page 1

Data Summaries 4

- Report Narrative 4
- Manual Integration Summary 5
- Sample Summary 8
- Executive Summary 9
- Method Summary 18
- Method / Analyst Summary 19
- Sample Datasheets 20
- QC Data Summary 47
- Data Qualifiers 53
- QC Association Summary 54
- Lab Chronicle 55

Organic Sample Data 58

- Air - GC/MS VOA 58
  - Method TO15 58
    - Method TO15 QC Summary 59
    - Method TO15 Sample Data 66
    - Standards Data 295
      - Method TO15 ICAL Data 295
      - Method TO15 CCAL Data 333
    - Raw QC Data 347
      - Method TO15 Tune Data 347
      - Method TO15 Blank Data 355
      - Method TO15 LCS/LCSD Data 363
    - Method TO15 Run Logs 369

Table of Contents

Shipping and Receiving Documents 374
Client Chain of Custody 375
Sample Receipt Checklist 379
Interlab Coc (where applicable) 381
Internal Coc (if required) 385

Job Narrative
220-13862-1

Comments
No additional comments.

Receipt
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): CE-VAPOR-1 (220-13862-2), CE-VAPOR-2 (220-13862-3), CE-VAPOR-3 (220-13862-4), CE-VAPOR-4 (220-13862-5). The container labels list sample collection times as 1421, 1422, 1422, and 1423. The COC lists sample collection times as 1451, 1452, 1452, and 1453, respectively.

All other samples were received in good condition within temperature requirements.

Air Toxics
Method(s) TO-15: The following sample(s) was diluted due to the abundance of non-target analytes: CE-VAPOR-4 (220-13862-5). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 9159

Lab Sample ID: 220-13862-1 Client Sample ID: CE-AA

Date Analyzed: 11/05/10 23:21 Lab File ID: gfbw013.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2,4-Trimethylpentane	10.39	Baseline event	njr	11/06/10 09:50
Styrene	15.90	Analyte misidentified by the data system	njr	11/06/10 09:51

Lab Sample ID: 220-13862-3 Client Sample ID: CE-VAPOR-2

Date Analyzed: 11/06/10 00:58 Lab File ID: gfbw015.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	10.53	Analyte misidentified by the data system	njr	11/06/10 09:59

Lab Sample ID: 220-13862-4 Client Sample ID: CE-VAPOR-3

Date Analyzed: 11/06/10 01:47 Lab File ID: gfbw016.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.18	Baseline event	njr	11/06/10 10:01
2,2,4-Trimethylpentane	10.39	Analyte misidentified by the data system	njr	11/06/10 10:02

Lab Sample ID: 220-13862-5 Client Sample ID: CE-VAPOR-4

Date Analyzed: 11/06/10 02:35 Lab File ID: gfbw017.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	3.16	Analyte misidentified by the data system	njr	11/06/10 10:05
Trichloroethene	11.33	Peak not found by the data system	njr	11/06/10 10:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 9159

Lab Sample ID: 220-13862-6 Client Sample ID: CE-VAPOR-5

Date Analyzed: 11/06/10 03:24 Lab File ID: gfbw018.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.62	Peak not found by the data system	njr	11/06/10 10:13
4-Ethyltoluene	16.90	Baseline event	njr	11/06/10 10:14
1,3,5-Trimethylbenzene	16.97	Analyte misidentified by the data system	njr	11/06/10 10:15

Lab Sample ID: 220-13862-7 Client Sample ID: CE-VAPOR-6

Date Analyzed: 11/06/10 04:13 Lab File ID: gfbw019.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.61	Analyte misidentified by the data system	njr	11/06/10 10:16
2,2,4-Trimethylpentane	10.39	Analyte misidentified by the data system	njr	11/06/10 10:17
Trichloroethene	11.36	Peak not found by the data system	njr	11/06/10 10:17

Lab Sample ID: 220-13862-8 Client Sample ID: CE-VAPOR-7

Date Analyzed: 11/06/10 05:01 Lab File ID: gfbw020.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.62	Analyte misidentified by the data system	njr	11/06/10 10:19

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Analysis Batch Number: 9159

Lab Sample ID: 220-13862-9 Client Sample ID: CE-VAPOR-8

Date Analyzed: 11/06/10 05:50 Lab File ID: gfbw021.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl Butyl Ketone (2-Hexanone)	14.05	Analyte misidentified by the data system	njr	11/06/10 10:21
Styrene	15.90	Analyte misidentified by the data system	njr	11/06/10 10:22

Lab Sample ID: 220-13862-2 Client Sample ID: CE-VAPOR-1

Date Analyzed: 11/06/10 11:17 Lab File ID: gfbw027.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon tetrachloride	10.09	Baseline event	njr	11/06/10 12:43
2,2,4-Trimethylpentane	10.38	Analyte misidentified by the data system	njr	11/06/10 12:43

SAMPLE SUMMARY

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-13862-1	CE-AA	Air	10/29/2010 1406	11/01/2010 1514
220-13862-2	CE-VAPOR-1	Air	10/29/2010 1451	11/01/2010 1514
220-13862-3	CE-VAPOR-2	Air	10/29/2010 1452	11/01/2010 1514
220-13862-4	CE-VAPOR-3	Air	10/29/2010 1452	11/01/2010 1514
220-13862-5	CE-VAPOR-4	Air	10/29/2010 1453	11/01/2010 1514
220-13862-6	CE-VAPOR-5	Air	10/29/2010 1403	11/01/2010 1514
220-13862-7	CE-VAPOR-6	Air	10/29/2010 1402	11/01/2010 1514
220-13862-8	CE-VAPOR-7	Air	10/29/2010 1402	11/01/2010 1514
220-13862-9	CE-VAPOR-8	Air	10/29/2010 1401	11/01/2010 1514

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-1	**CE-AA**				
Chloromethane		0.55	0.50	ppb v/v	TO-15
Chloromethane		1.1	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Benzene		0.27	0.20	ppb v/v	TO-15
Benzene		0.86	0.64	ug/m3	TO-15
Toluene		0.63	0.20	ppb v/v	TO-15
Toluene		2.4	0.75	ug/m3	TO-15
Xylene (total)		0.41	0.20	ppb v/v	TO-15
Xylene (total)		1.8	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-2	**CE-VAPOR-1**				
Trichlorofluoromethane		0.27	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Isopropyl alcohol		7.4	5.0	ppb v/v	TO-15
Isopropyl alcohol		18	12	ug/m3	TO-15
n-Hexane		0.31	0.20	ppb v/v	TO-15
n-Hexane		1.1	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.8	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		8.2	1.5	ug/m3	TO-15
Chloroform		1.4	0.20	ppb v/v	TO-15
Chloroform		6.8	0.98	ug/m3	TO-15
Cyclohexane		0.22	0.20	ppb v/v	TO-15
Cyclohexane		0.77	0.69	ug/m3	TO-15
n-Heptane		0.49	0.20	ppb v/v	TO-15
n-Heptane		2.0	0.82	ug/m3	TO-15
Toluene		0.80	0.20	ppb v/v	TO-15
Toluene		3.0	0.75	ug/m3	TO-15
Tetrachloroethene		0.45	0.20	ppb v/v	TO-15
Tetrachloroethene		3.0	1.4	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)		1.2	0.50	ppb v/v	TO-15
Methyl Butyl Ketone (2-Hexanone)		4.9	2.0	ug/m3	TO-15
Ethylbenzene		2.3	0.20	ppb v/v	TO-15
Ethylbenzene		10	0.87	ug/m3	TO-15
m,p-Xylene		7.0	0.50	ppb v/v	TO-15
m,p-Xylene		30	2.2	ug/m3	TO-15
Xylene, o-		1.6	0.20	ppb v/v	TO-15
Xylene, o-		6.8	0.87	ug/m3	TO-15
Xylene (total)		8.6	0.20	ppb v/v	TO-15
Xylene (total)		37	0.87	ug/m3	TO-15
4-Ethyltoluene		0.22	0.20	ppb v/v	TO-15
4-Ethyltoluene		1.1	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.65	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		3.2	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.66	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		3.2	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-3	**CE-VAPOR-2**				
Chloromethane		0.50	0.50	ppb v/v	TO-15
Chloromethane		1.0	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Acetone		5.2	5.0	ppb v/v	TO-15
Acetone		12	12	ug/m3	TO-15
n-Hexane		0.22	0.20	ppb v/v	TO-15
n-Hexane		0.79	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.64	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.9	1.5	ug/m3	TO-15
Chloroform		0.23	0.20	ppb v/v	TO-15
Chloroform		1.1	0.98	ug/m3	TO-15
Benzene		0.25	0.20	ppb v/v	TO-15
Benzene		0.79	0.64	ug/m3	TO-15
n-Heptane		0.52	0.20	ppb v/v	TO-15
n-Heptane		2.1	0.82	ug/m3	TO-15
Toluene		1.1	0.20	ppb v/v	TO-15
Toluene		4.1	0.75	ug/m3	TO-15
Ethylbenzene		1.5	0.20	ppb v/v	TO-15
Ethylbenzene		6.3	0.87	ug/m3	TO-15
m,p-Xylene		3.7	0.50	ppb v/v	TO-15
m,p-Xylene		16	2.2	ug/m3	TO-15
Xylene, o-		1.1	0.20	ppb v/v	TO-15
Xylene, o-		4.6	0.87	ug/m3	TO-15
Xylene (total)		4.8	0.20	ppb v/v	TO-15
Xylene (total)		21	0.87	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.37	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.8	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.27	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		1.3	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-4	**CE-VAPOR-3**				
Chloroethane		1.2	0.50	ppb v/v	TO-15
Chloroethane		3.2	1.3	ug/m3	TO-15
Trichlorofluoromethane		0.28	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.6	1.1	ug/m3	TO-15
Methyl Ethyl Ketone		0.62	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.8	1.5	ug/m3	TO-15
Chloroform		0.53	0.20	ppb v/v	TO-15
Chloroform		2.6	0.98	ug/m3	TO-15
Benzene		0.21	0.20	ppb v/v	TO-15
Benzene		0.66	0.64	ug/m3	TO-15
n-Heptane		2.6	0.20	ppb v/v	TO-15
n-Heptane		11	0.82	ug/m3	TO-15
Trichloroethene		0.20	0.20	ppb v/v	TO-15
Trichloroethene		1.1	1.1	ug/m3	TO-15
Toluene		0.46	0.20	ppb v/v	TO-15
Toluene		1.7	0.75	ug/m3	TO-15
Tetrachloroethene		0.43	0.20	ppb v/v	TO-15
Tetrachloroethene		2.9	1.4	ug/m3	TO-15
Ethylbenzene		2.5	0.20	ppb v/v	TO-15
Ethylbenzene		11	0.87	ug/m3	TO-15
m,p-Xylene		7.6	0.50	ppb v/v	TO-15
m,p-Xylene		33	2.2	ug/m3	TO-15
Xylene, o-		1.5	0.20	ppb v/v	TO-15
Xylene, o-		6.6	0.87	ug/m3	TO-15
Xylene (total)		9.1	0.20	ppb v/v	TO-15
Xylene (total)		39	0.87	ug/m3	TO-15
4-Ethyltoluene		0.81	0.20	ppb v/v	TO-15
4-Ethyltoluene		4.0	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		1.8	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		8.8	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.1	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		5.4	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-5	**CE-VAPOR-4**				
n-Hexane		0.54	0.40	ppb v/v	TO-15
n-Hexane		1.9	1.4	ug/m3	TO-15
Cyclohexane		0.62	0.40	ppb v/v	TO-15
Cyclohexane		2.1	1.4	ug/m3	TO-15
Benzene		0.67	0.40	ppb v/v	TO-15
Benzene		2.1	1.3	ug/m3	TO-15
n-Heptane		2.0	0.40	ppb v/v	TO-15
n-Heptane		8.2	1.6	ug/m3	TO-15
Tetrachloroethene		0.74	0.40	ppb v/v	TO-15
Tetrachloroethene		5.0	2.7	ug/m3	TO-15
Ethylbenzene		3.0	0.40	ppb v/v	TO-15
Ethylbenzene		13	1.7	ug/m3	TO-15
m,p-Xylene		6.8	1.0	ppb v/v	TO-15
m,p-Xylene		30	4.3	ug/m3	TO-15
Xylene, o-		4.8	0.40	ppb v/v	TO-15
Xylene, o-		21	1.7	ug/m3	TO-15
Xylene (total)		12	0.40	ppb v/v	TO-15
Xylene (total)		50	1.7	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.6	0.40	ppb v/v	TO-15
1,3,5-Trimethylbenzene		13	2.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.66	0.40	ppb v/v	TO-15
1,2,4-Trimethylbenzene		3.3	2.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-6	**CE-VAPOR-5**				
Chloromethane		1.1	0.50	ppb v/v	TO-15
Chloromethane		2.3	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Acetone		9.4	5.0	ppb v/v	TO-15
Acetone		22	12	ug/m3	TO-15
Carbon disulfide		0.64	0.50	ppb v/v	TO-15
Carbon disulfide		2.0	1.6	ug/m3	TO-15
n-Hexane		0.28	0.20	ppb v/v	TO-15
n-Hexane		1.0	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.95	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.8	1.5	ug/m3	TO-15
Benzene		0.92	0.20	ppb v/v	TO-15
Benzene		2.9	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.29	0.20	ppb v/v	TO-15
1,2-Dichloroethane		1.2	0.81	ug/m3	TO-15
n-Heptane		0.22	0.20	ppb v/v	TO-15
n-Heptane		0.89	0.82	ug/m3	TO-15
methyl isobutyl ketone		0.72	0.50	ppb v/v	TO-15
methyl isobutyl ketone		2.9	2.0	ug/m3	TO-15
Toluene		2.5	0.20	ppb v/v	TO-15
Toluene		9.6	0.75	ug/m3	TO-15
Ethylbenzene		0.37	0.20	ppb v/v	TO-15
Ethylbenzene		1.6	0.87	ug/m3	TO-15
m,p-Xylene		0.95	0.50	ppb v/v	TO-15
m,p-Xylene		4.1	2.2	ug/m3	TO-15
Xylene, o-		0.22	0.20	ppb v/v	TO-15
Xylene, o-		0.96	0.87	ug/m3	TO-15
Xylene (total)		1.2	0.20	ppb v/v	TO-15
Xylene (total)		5.1	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-7	**CE-VAPOR-6**				
Dichlorodifluoromethane		0.51	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5	2.5	ug/m3	TO-15
Chloromethane		0.75	0.50	ppb v/v	TO-15
Chloromethane		1.6	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.27	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Acetone		16	5.0	ppb v/v	TO-15
Acetone		37	12	ug/m3	TO-15
Carbon disulfide		2.3	0.50	ppb v/v	TO-15
Carbon disulfide		7.3	1.6	ug/m3	TO-15
n-Hexane		0.30	0.20	ppb v/v	TO-15
n-Hexane		1.0	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		8.0	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		24	1.5	ug/m3	TO-15
Tetrahydrofuran		26	5.0	ppb v/v	TO-15
Tetrahydrofuran		78	15	ug/m3	TO-15
2,2,4-Trimethylpentane		0.20	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.95	0.93	ug/m3	TO-15
Benzene		0.45	0.20	ppb v/v	TO-15
Benzene		1.4	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.29	0.20	ppb v/v	TO-15
1,2-Dichloroethane		1.2	0.81	ug/m3	TO-15
n-Heptane		0.39	0.20	ppb v/v	TO-15
n-Heptane		1.6	0.82	ug/m3	TO-15
methyl isobutyl ketone		7.3	0.50	ppb v/v	TO-15
methyl isobutyl ketone		30	2.0	ug/m3	TO-15
Toluene		3.2	0.20	ppb v/v	TO-15
Toluene		12	0.75	ug/m3	TO-15
Ethylbenzene		0.85	0.20	ppb v/v	TO-15
Ethylbenzene		3.7	0.87	ug/m3	TO-15
m,p-Xylene		2.5	0.50	ppb v/v	TO-15
m,p-Xylene		11	2.2	ug/m3	TO-15
Xylene, o-		0.51	0.20	ppb v/v	TO-15
Xylene, o-		2.2	0.87	ug/m3	TO-15
Xylene (total)		3.0	0.20	ppb v/v	TO-15
Xylene (total)		13	0.87	ug/m3	TO-15
Styrene		0.37	0.20	ppb v/v	TO-15
Styrene		1.6	0.85	ug/m3	TO-15
4-Ethyltoluene		0.21	0.20	ppb v/v	TO-15
4-Ethyltoluene		1.0	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.25	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		1.2	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.98	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		4.8	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-8	**CE-VAPOR-7**				
Chloromethane		0.96	0.50	ppb v/v	TO-15
Chloromethane		2.0	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.26	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.5	1.1	ug/m3	TO-15
Acetone		13	5.0	ppb v/v	TO-15
Acetone		30	12	ug/m3	TO-15
n-Hexane		0.26	0.20	ppb v/v	TO-15
n-Hexane		0.91	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		2.4	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		7.1	1.5	ug/m3	TO-15
Benzene		0.41	0.20	ppb v/v	TO-15
Benzene		1.3	0.64	ug/m3	TO-15
1,2-Dichloroethane		0.23	0.20	ppb v/v	TO-15
1,2-Dichloroethane		0.92	0.81	ug/m3	TO-15
n-Heptane		0.23	0.20	ppb v/v	TO-15
n-Heptane		0.94	0.82	ug/m3	TO-15
methyl isobutyl ketone		0.60	0.50	ppb v/v	TO-15
methyl isobutyl ketone		2.5	2.0	ug/m3	TO-15
Toluene		2.1	0.20	ppb v/v	TO-15
Toluene		7.7	0.75	ug/m3	TO-15
Ethylbenzene		0.32	0.20	ppb v/v	TO-15
Ethylbenzene		1.4	0.87	ug/m3	TO-15
m,p-Xylene		0.86	0.50	ppb v/v	TO-15
m,p-Xylene		3.7	2.2	ug/m3	TO-15
Xylene, o-		0.20	0.20	ppb v/v	TO-15
Xylene, o-		0.89	0.87	ug/m3	TO-15
Xylene (total)		1.1	0.20	ppb v/v	TO-15
Xylene (total)		4.6	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: AKRF Inc

Job Number: 220-13862-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
220-13862-9	**CE-VAPOR-8**				
Dichlorodifluoromethane		0.50	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5	2.5	ug/m3	TO-15
Chloromethane		0.54	0.50	ppb v/v	TO-15
Chloromethane		1.1	1.0	ug/m3	TO-15
Trichlorofluoromethane		0.25	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.4	1.1	ug/m3	TO-15
Acetone		8.0	5.0	ppb v/v	TO-15
Acetone		19	12	ug/m3	TO-15
n-Hexane		0.25	0.20	ppb v/v	TO-15
n-Hexane		0.88	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.79	0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.3	1.5	ug/m3	TO-15
Chloroform		0.48	0.20	ppb v/v	TO-15
Chloroform		2.3	0.98	ug/m3	TO-15
Benzene		0.23	0.20	ppb v/v	TO-15
Benzene		0.74	0.64	ug/m3	TO-15
n-Heptane		0.21	0.20	ppb v/v	TO-15
n-Heptane		0.87	0.82	ug/m3	TO-15
Toluene		2.3	0.20	ppb v/v	TO-15
Toluene		8.8	0.75	ug/m3	TO-15
Tetrachloroethene		0.27	0.20	ppb v/v	TO-15
Tetrachloroethene		1.8	1.4	ug/m3	TO-15
Ethylbenzene		0.37	0.20	ppb v/v	TO-15
Ethylbenzene		1.6	0.87	ug/m3	TO-15
m,p-Xylene		1.0	0.50	ppb v/v	TO-15
m,p-Xylene		4.3	2.2	ug/m3	TO-15
Xylene, o-		0.23	0.20	ppb v/v	TO-15
Xylene, o-		0.99	0.87	ug/m3	TO-15
Xylene (total)		1.2	0.20	ppb v/v	TO-15
Xylene (total)		5.3	0.87	ug/m3	TO-15

METHOD SUMMARY

Client: AKRF Inc

Job Number: 220-13862-1

Description	Lab Location	Method	Preparation Method
Matrix Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: AKRF Inc

Job Number: 220-13862-1

Method	Analyst	Analyst ID
EPA TO-15	Rosner, Nick J	NJR

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-AA

Lab Sample ID: 220-13862-1
Client Matrix: Air

Date Sampled: 10/29/2010 1406
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw013.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/05/2010 2321		Final Weight/Volume: 200 mL
Date Prepared:	11/05/2010 2321		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.55		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.50	U	0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.27		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.63		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-AA

Lab Sample ID: 220-13862-1
Client Matrix: Air

Date Sampled: 10/29/2010 1406
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw013.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/05/2010 2321		Final Weight/Volume: 200 mL
Date Prepared:	11/05/2010 2321		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.20	U	0.20
m,p-Xylene	0.50	U	0.50
Xylene, o-	0.20	U	0.20
Xylene (total)	0.41		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.1		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.4		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.5	U	1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-AA

Lab Sample ID: 220-13862-1
Client Matrix: Air

Date Sampled: 10/29/2010 1406
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw013.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/05/2010 2321		Final Weight/Volume: 200 mL
Date Prepared:	11/05/2010 2321		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.86		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	2.4		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	0.87	U	0.87
m,p-Xylene	2.2	U	2.2
Xylene, o-	0.87	U	0.87
Xylene (total)	1.8		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-1

Lab Sample ID: 220-13862-2
Client Matrix: Air

Date Sampled: 10/29/2010 1451
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw027.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 1117		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 1117		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50	U	0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.27		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	7.4		5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.31		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	2.8		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	1.4		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.22		0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.49		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.80		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.45		0.20
Methyl Butyl Ketone (2-Hexanone)	1.2		0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 220-13862-2 | Date Sampled: 10/29/2010 1451
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID:	G.i	
Preparation:	Summa Canister		Lab File ID:	gfbw027.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	11/06/2010 1117		Final Weight/Volume:	200	mL
Date Prepared:	11/06/2010 1117		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	2.3		0.20
m,p-Xylene	7.0		0.50
Xylene, o-	1.6		0.20
Xylene (total)	8.6		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.22		0.20
1,3,5-Trimethylbenzene	0.65		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.66		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0	U	1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	18		12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	1.1		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	8.2		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	6.8		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-1**

Lab Sample ID: 220-13862-2
Client Matrix: Air

Date Sampled: 10/29/2010 1451
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw027.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 1117		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 1117		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.77		0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	2.0		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	3.0		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	3.0		1.4
Methyl Butyl Ketone (2-Hexanone)	4.9		2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	10		0.87
m,p-Xylene	30		2.2
Xylene, o-	6.8		0.87
Xylene (total)	37		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	1.1		0.98
1,3,5-Trimethylbenzene	3.2		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	3.2		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-2

Lab Sample ID: 220-13862-3
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw015.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0058		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0058		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.2		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.22		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.64		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.23		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.25		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.52		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	1.1		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-2

Lab Sample ID: 220-13862-3
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw015.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0058		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0058		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	1.5		0.20
m,p-Xylene	3.7		0.50
Xylene, o-	1.1		0.20
Xylene (total)	4.8		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.37		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.27		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.4		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12		12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.79		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.9		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	1.1		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-2

Lab Sample ID: 220-13862-3
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw015.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0058		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0058		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.79		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	2.1		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	4.1		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	6.3		0.87
m,p-Xylene	16		2.2
Xylene, o-	4.6		0.87
Xylene (total)	21		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	1.8		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	1.3		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-3

Lab Sample ID: 220-13862-4
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw016.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0147		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0147		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50	U	0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	1.2		0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.28		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.62		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.53		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.21		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	2.6		0.20
Trichloroethene	0.20		0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.46		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.43		0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-3**

Lab Sample ID: 220-13862-4 | Date Sampled: 10/29/2010 1452
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw016.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0147		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0147		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	2.5		0.20
m,p-Xylene	7.6		0.50
Xylene, o-	1.5		0.20
Xylene (total)	9.1		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.81		0.20
1,3,5-Trimethylbenzene	1.8		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	1.1		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0	U	1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	3.2		1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.6		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.8		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	2.6		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-3

Lab Sample ID: 220-13862-4
Client Matrix: Air

Date Sampled: 10/29/2010 1452
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw016.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0147		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0147		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.66		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	11		0.82
Trichloroethene	1.1		1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	1.7		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	2.9		1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	11		0.87
m,p-Xylene	33		2.2
Xylene, o-	6.6		0.87
Xylene (total)	39		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	4.0		0.98
1,3,5-Trimethylbenzene	8.8		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	5.4		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-4

Lab Sample ID: 220-13862-5
Client Matrix: Air

Date Sampled: 10/29/2010 1453
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw017.d
Dilution:	2.0		Initial Weight/Volume: 100 mL
Date Analyzed:	11/06/2010 0235		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0235		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	1.0	U	1.0
1,2-Dichlorotetrafluoroethane	0.40	U	0.40
Chloromethane	1.0	U	1.0
Vinyl chloride	0.40	U	0.40
1,3-Butadiene	0.40	U	0.40
Bromomethane	0.40	U	0.40
Chloroethane	1.0	U	1.0
Bromoethene(Vinyl Bromide)	0.40	U	0.40
Trichlorofluoromethane	0.40	U	0.40
Freon TF	0.40	U	0.40
1,1-Dichloroethene	0.40	U	0.40
Acetone	10	U	10
Isopropyl alcohol	10	U	10
Carbon disulfide	1.0	U	1.0
3-Chloropropene	1.0	U	1.0
Methylene Chloride	1.0	U	1.0
tert-Butyl alcohol	10	U	10
Methyl tert-butyl ether	0.40	U	0.40
trans-1,2-Dichloroethene	0.40	U	0.40
n-Hexane	0.54		0.40
1,1-Dichloroethane	0.40	U	0.40
Methyl Ethyl Ketone	1.0	U	1.0
cis-1,2-Dichloroethene	0.40	U	0.40
1,2-Dichloroethene, Total	0.40	U	0.40
Chloroform	0.40	U	0.40
Tetrahydrofuran	10	U	10
1,1,1-Trichloroethane	0.40	U	0.40
Cyclohexane	0.62		0.40
Carbon tetrachloride	0.40	U	0.40
2,2,4-Trimethylpentane	0.40	U	0.40
Benzene	0.67		0.40
1,2-Dichloroethane	0.40	U	0.40
n-Heptane	2.0		0.40
Trichloroethene	0.40	U	0.40
1,2-Dichloropropane	0.40	U	0.40
1,4-Dioxane	10	U	10
Bromodichloromethane	0.40	U	0.40
cis-1,3-Dichloropropene	0.40	U	0.40
methyl isobutyl ketone	1.0	U	1.0
Toluene	0.40	U	0.40
trans-1,3-Dichloropropene	0.40	U	0.40
1,1,2-Trichloroethane	0.40	U	0.40
Tetrachloroethene	0.74		0.40
Methyl Butyl Ketone (2-Hexanone)	1.0	U	1.0
Dibromochloromethane	0.40	U	0.40
1,2-Dibromoethane	0.40	U	0.40

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-4

Lab Sample ID: 220-13862-5
Client Matrix: Air

Date Sampled: 10/29/2010 1453
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw017.d
Dilution:	2.0		Initial Weight/Volume: 100 mL
Date Analyzed:	11/06/2010 0235		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0235		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.40	U	0.40
Ethylbenzene	3.0		0.40
m,p-Xylene	6.8		1.0
Xylene, o-	4.8		0.40
Xylene (total)	12		0.40
Styrene	0.40	U	0.40
Bromoform	0.40	U	0.40
1,1,2,2-Tetrachloroethane	0.40	U	0.40
4-Ethyltoluene	0.40	U	0.40
1,3,5-Trimethylbenzene	2.6		0.40
2-Chlorotoluene	0.40	U	0.40
1,2,4-Trimethylbenzene	0.66		0.40
1,3-Dichlorobenzene	0.40	U	0.40
1,4-Dichlorobenzene	0.40	U	0.40
1,2-Dichlorobenzene	0.40	U	0.40
1,2,4-Trichlorobenzene	1.0	U	1.0
Hexachlorobutadiene	0.40	U	0.40

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	4.9	U	4.9
1,2-Dichlorotetrafluoroethane	2.8	U	2.8
Chloromethane	2.1	U	2.1
Vinyl chloride	1.0	U	1.0
1,3-Butadiene	0.88	U	0.88
Bromomethane	1.6	U	1.6
Chloroethane	2.6	U	2.6
Bromoethene(Vinyl Bromide)	1.7	U	1.7
Trichlorofluoromethane	2.2	U	2.2
Freon TF	3.1	U	3.1
1,1-Dichloroethene	1.6	U	1.6
Acetone	24	U	24
Isopropyl alcohol	25	U	25
Carbon disulfide	3.1	U	3.1
3-Chloropropene	3.1	U	3.1
Methylene Chloride	3.5	U	3.5
tert-Butyl alcohol	30	U	30
Methyl tert-butyl ether	1.4	U	1.4
trans-1,2-Dichloroethene	1.6	U	1.6
n-Hexane	1.9		1.4
1,1-Dichloroethane	1.6	U	1.6
Methyl Ethyl Ketone	2.9	U	2.9
cis-1,2-Dichloroethene	1.6	U	1.6
1,2-Dichloroethene, Total	1.6	U	1.6
Chloroform	2.0	U	2.0
Tetrahydrofuran	29	U	29
1,1,1-Trichloroethane	2.2	U	2.2

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-4

Lab Sample ID: 220-13862-5
Client Matrix: Air

Date Sampled: 10/29/2010 1453
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw017.d
Dilution:	2.0		Initial Weight/Volume: 100 mL
Date Analyzed:	11/06/2010 0235		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0235		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	2.1		1.4
Carbon tetrachloride	2.5	U	2.5
2,2,4-Trimethylpentane	1.9	U	1.9
Benzene	2.1		1.3
1,2-Dichloroethane	1.6	U	1.6
n-Heptane	8.2		1.6
Trichloroethene	2.1	U	2.1
1,2-Dichloropropane	1.8	U	1.8
1,4-Dioxane	36	U	36
Bromodichloromethane	2.7	U	2.7
cis-1,3-Dichloropropene	1.8	U	1.8
methyl isobutyl ketone	4.1	U	4.1
Toluene	1.5	U	1.5
trans-1,3-Dichloropropene	1.8	U	1.8
1,1,2-Trichloroethane	2.2	U	2.2
Tetrachloroethene	5.0		2.7
Methyl Butyl Ketone (2-Hexanone)	4.1	U	4.1
Dibromochloromethane	3.4	U	3.4
1,2-Dibromoethane	3.1	U	3.1
Chlorobenzene	1.8	U	1.8
Ethylbenzene	13		1.7
m,p-Xylene	30		4.3
Xylene, o-	21		1.7
Xylene (total)	50		1.7
Styrene	1.7	U	1.7
Bromoform	4.1	U	4.1
1,1,2,2-Tetrachloroethane	2.7	U	2.7
4-Ethyltoluene	2.0	U	2.0
1,3,5-Trimethylbenzene	13		2.0
2-Chlorotoluene	2.1	U	2.1
1,2,4-Trimethylbenzene	3.3		2.0
1,3-Dichlorobenzene	2.4	U	2.4
1,4-Dichlorobenzene	2.4	U	2.4
1,2-Dichlorobenzene	2.4	U	2.4
1,2,4-Trichlorobenzene	7.4	U	7.4
Hexachlorobutadiene	4.3	U	4.3

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-5

Lab Sample ID: 220-13862-6
Client Matrix: Air

Date Sampled: 10/29/2010 1403
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw018.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0324		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0324		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	1.1		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	9.4		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.64		0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.28		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.95		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.92		0.20
1,2-Dichloroethane	0.29		0.20
n-Heptane	0.22		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.72		0.50
Toluene	2.5		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 220-13862-6 | Date Sampled: 10/29/2010 1403
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID:	G.i	
Preparation:	Summa Canister		Lab File ID:	gfbw018.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	11/06/2010 0324		Final Weight/Volume:	200	mL
Date Prepared:	11/06/2010 0324		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.37		0.20
m,p-Xylene	0.95		0.50
Xylene, o-	0.22		0.20
Xylene (total)	1.2		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	2.3		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	22		12
Isopropyl alcohol	12	U	12
Carbon disulfide	2.0		1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	1.0		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	2.8		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-5**

Lab Sample ID: 220-13862-6
Client Matrix: Air

Date Sampled: 10/29/2010 1403
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw018.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0324		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0324		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	2.9		0.64
1,2-Dichloroethane	1.2		0.81
n-Heptane	0.89		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.9		2.0
Toluene	9.6		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	1.6		0.87
m,p-Xylene	4.1		2.2
Xylene, o-	0.96		0.87
Xylene (total)	5.1		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-6

Lab Sample ID: 220-13862-7
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw019.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0413		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0413		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.51		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.75		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.27		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	16		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	2.3		0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.30		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	8.0		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	26		5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20		0.20
Benzene	0.45		0.20
1,2-Dichloroethane	0.29		0.20
n-Heptane	0.39		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	7.3		0.50
Toluene	3.2		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-6**

Lab Sample ID: 220-13862-7 | Date Sampled: 10/29/2010 1402
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw019.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0413		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0413		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.85		0.20
m,p-Xylene	2.5		0.50
Xylene, o-	0.51		0.20
Xylene (total)	3.0		0.20
Styrene	0.37		0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.21		0.20
1,3,5-Trimethylbenzene	0.25		0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.98		0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5		2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.6		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	37		12
Isopropyl alcohol	12	U	12
Carbon disulfide	7.3		1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	1.0		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	24		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	78		15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-6

Lab Sample ID: 220-13862-7
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw019.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0413		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0413		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.95		0.93
Benzene	1.4		0.64
1,2-Dichloroethane	1.2		0.81
n-Heptane	1.6		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	30		2.0
Toluene	12		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	3.7		0.87
m,p-Xylene	11		2.2
Xylene, o-	2.2		0.87
Xylene (total)	13		0.87
Styrene	1.6		0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	1.0		0.98
1,3,5-Trimethylbenzene	1.2		0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	4.8		0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-7

Lab Sample ID: 220-13862-8
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw020.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0501		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0501		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.96		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.26		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	13		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.26		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	2.4		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.41		0.20
1,2-Dichloroethane	0.23		0.20
n-Heptane	0.23		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.60		0.50
Toluene	2.1		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-7

Lab Sample ID: 220-13862-8
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw020.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0501		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0501		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.32		0.20
m,p-Xylene	0.86		0.50
Xylene, o-	0.20		0.20
Xylene (total)	1.1		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	2.0		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.5		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	30		12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.91		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	7.1		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-7**

Lab Sample ID: 220-13862-8
Client Matrix: Air

Date Sampled: 10/29/2010 1402
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw020.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0501		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0501		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	1.3		0.64
1,2-Dichloroethane	0.92		0.81
n-Heptane	0.94		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.5		2.0
Toluene	7.7		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	1.4		0.87
m,p-Xylene	3.7		2.2
Xylene, o-	0.89		0.87
Xylene (total)	4.6		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-8

Lab Sample ID: 220-13862-9
Client Matrix: Air

Date Sampled: 10/29/2010 1401
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw021.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0550		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0550		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50		0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.54		0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.25		0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	8.0		5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.25		0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.79		0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.48		0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.23		0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.21		0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	2.3		0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.27		0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20

Client: AKRF Inc | Job Number: 220-13862-1

Client Sample ID: **CE-VAPOR-8**

Lab Sample ID: 220-13862-9 | Date Sampled: 10/29/2010 1401
Client Matrix: Air | Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID:	G.i	
Preparation:	Summa Canister		Lab File ID:	gfbw021.d	
Dilution:	1.0		Initial Weight/Volume:	200	mL
Date Analyzed:	11/06/2010 0550		Final Weight/Volume:	200	mL
Date Prepared:	11/06/2010 0550		Injection Volume:	200	mL

Analyte	Result (ppb v/v)	Qualifier	RL
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.37		0.20
m,p-Xylene	1.0		0.50
Xylene, o-	0.23		0.20
Xylene (total)	1.2		0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5		2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.1		1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.4		1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	19		12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.88		0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	2.3		1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	2.3		0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1

Client: AKRF Inc

Job Number: 220-13862-1

Client Sample ID: CE-VAPOR-8

Lab Sample ID: 220-13862-9
Client Matrix: Air

Date Sampled: 10/29/2010 1401
Date Received: 11/01/2010 1514

TO-15 Volatile Organic Compounds in Ambient Air

Method:	TO-15	Analysis Batch: 200-9159	Instrument ID: G.i
Preparation:	Summa Canister		Lab File ID: gfbw021.d
Dilution:	1.0		Initial Weight/Volume: 200 mL
Date Analyzed:	11/06/2010 0550		Final Weight/Volume: 200 mL
Date Prepared:	11/06/2010 0550		Injection Volume: 200 mL

Analyte	Result (ug/m3)	Qualifier	RL
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.74		0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.87		0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	8.8		0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.8		1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	1.6		0.87
m,p-Xylene	4.3		2.2
Xylene, o-	0.99		0.87
Xylene (total)	5.3		0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.50	U	0.50
1,2-Dichlorotetrafluoroethane	0.20	U	0.20
Chloromethane	0.50	U	0.50
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.20	U	0.20
Bromomethane	0.20	U	0.20
Chloroethane	0.50	U	0.50
Bromoethene(Vinyl Bromide)	0.20	U	0.20
Trichlorofluoromethane	0.20	U	0.20
Freon TF	0.20	U	0.20
1,1-Dichloroethene	0.20	U	0.20
Acetone	5.0	U	5.0
Isopropyl alcohol	5.0	U	5.0
Carbon disulfide	0.50	U	0.50
3-Chloropropene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
tert-Butyl alcohol	5.0	U	5.0
Methyl tert-butyl ether	0.20	U	0.20
trans-1,2-Dichloroethene	0.20	U	0.20
n-Hexane	0.20	U	0.20
1,1-Dichloroethane	0.20	U	0.20
Methyl Ethyl Ketone	0.50	U	0.50
cis-1,2-Dichloroethene	0.20	U	0.20
1,2-Dichloroethene, Total	0.20	U	0.20
Chloroform	0.20	U	0.20
Tetrahydrofuran	5.0	U	5.0
1,1,1-Trichloroethane	0.20	U	0.20
Cyclohexane	0.20	U	0.20
Carbon tetrachloride	0.20	U	0.20
2,2,4-Trimethylpentane	0.20	U	0.20
Benzene	0.20	U	0.20
1,2-Dichloroethane	0.20	U	0.20
n-Heptane	0.20	U	0.20
Trichloroethene	0.20	U	0.20
1,2-Dichloropropane	0.20	U	0.20
1,4-Dioxane	5.0	U	5.0
Bromodichloromethane	0.20	U	0.20
cis-1,3-Dichloropropene	0.20	U	0.20
methyl isobutyl ketone	0.50	U	0.50
Toluene	0.20	U	0.20
trans-1,3-Dichloropropene	0.20	U	0.20
1,1,2-Trichloroethane	0.20	U	0.20
Tetrachloroethene	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50
Dibromochloromethane	0.20	U	0.20
1,2-Dibromoethane	0.20	U	0.20
Chlorobenzene	0.20	U	0.20
Ethylbenzene	0.20	U	0.20
m,p-Xylene	0.50	U	0.50
Xylene, o-	0.20	U	0.20
Xylene (total)	0.20	U	0.20
Styrene	0.20	U	0.20
Bromoform	0.20	U	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.20
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.20	U	0.20
2-Chlorotoluene	0.20	U	0.20
1,2,4-Trimethylbenzene	0.20	U	0.20
1,3-Dichlorobenzene	0.20	U	0.20
1,4-Dichlorobenzene	0.20	U	0.20
1,2-Dichlorobenzene	0.20	U	0.20
1,2,4-Trichlorobenzene	0.50	U	0.50
Hexachlorobutadiene	0.20	U	0.20

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ug/m3

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Dichlorodifluoromethane	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	1.4	U	1.4
Chloromethane	1.0	U	1.0
Vinyl chloride	0.51	U	0.51
1,3-Butadiene	0.44	U	0.44
Bromomethane	0.78	U	0.78
Chloroethane	1.3	U	1.3
Bromoethene(Vinyl Bromide)	0.87	U	0.87
Trichlorofluoromethane	1.1	U	1.1
Freon TF	1.5	U	1.5
1,1-Dichloroethene	0.79	U	0.79
Acetone	12	U	12
Isopropyl alcohol	12	U	12
Carbon disulfide	1.6	U	1.6
3-Chloropropene	1.6	U	1.6
Methylene Chloride	1.7	U	1.7
tert-Butyl alcohol	15	U	15
Methyl tert-butyl ether	0.72	U	0.72
trans-1,2-Dichloroethene	0.79	U	0.79
n-Hexane	0.70	U	0.70
1,1-Dichloroethane	0.81	U	0.81
Methyl Ethyl Ketone	1.5	U	1.5
cis-1,2-Dichloroethene	0.79	U	0.79
1,2-Dichloroethene, Total	0.79	U	0.79
Chloroform	0.98	U	0.98
Tetrahydrofuran	15	U	15
1,1,1-Trichloroethane	1.1	U	1.1
Cyclohexane	0.69	U	0.69
Carbon tetrachloride	1.3	U	1.3
2,2,4-Trimethylpentane	0.93	U	0.93
Benzene	0.64	U	0.64
1,2-Dichloroethane	0.81	U	0.81
n-Heptane	0.82	U	0.82
Trichloroethene	1.1	U	1.1
1,2-Dichloropropane	0.92	U	0.92
1,4-Dioxane	18	U	18
Bromodichloromethane	1.3	U	1.3
cis-1,3-Dichloropropene	0.91	U	0.91
methyl isobutyl ketone	2.0	U	2.0
Toluene	0.75	U	0.75
trans-1,3-Dichloropropene	0.91	U	0.91
1,1,2-Trichloroethane	1.1	U	1.1
Tetrachloroethene	1.4	U	1.4

Client: AKRF Inc

Job Number: 220-13862-1

Method Blank - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: MB 200-9159/4
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1604
Date Prepared: 11/05/2010 1604

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ug/m3

Instrument ID: G.i
Lab File ID: gfbw004.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Result	Qual	RL
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0
Dibromochloromethane	1.7	U	1.7
1,2-Dibromoethane	1.5	U	1.5
Chlorobenzene	0.92	U	0.92
Ethylbenzene	0.87	U	0.87
m,p-Xylene	2.2	U	2.2
Xylene, o-	0.87	U	0.87
Xylene (total)	0.87	U	0.87
Styrene	0.85	U	0.85
Bromoform	2.1	U	2.1
1,1,2,2-Tetrachloroethane	1.4	U	1.4
4-Ethyltoluene	0.98	U	0.98
1,3,5-Trimethylbenzene	0.98	U	0.98
2-Chlorotoluene	1.0	U	1.0
1,2,4-Trimethylbenzene	0.98	U	0.98
1,3-Dichlorobenzene	1.2	U	1.2
1,4-Dichlorobenzene	1.2	U	1.2
1,2-Dichlorobenzene	1.2	U	1.2
1,2,4-Trichlorobenzene	3.7	U	3.7
Hexachlorobutadiene	2.1	U	2.1

Client: AKRF Inc

Job Number: 220-13862-1

Lab Control Sample - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-9159/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1513
Date Prepared: 11/05/2010 1513

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.06	91	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	9.69	97	70 - 130	
Chloromethane	10.0	9.91	99	70 - 130	
Vinyl chloride	10.0	9.96	100	70 - 130	
1,3-Butadiene	10.0	10.6	106	70 - 130	
Bromomethane	10.0	10.1	101	70 - 130	
Chloroethane	10.0	11.1	111	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.6	106	70 - 130	
Trichlorofluoromethane	10.0	10.6	106	70 - 130	
Freon TF	10.0	11.6	116	70 - 130	
1,1-Dichloroethene	10.0	11.4	114	70 - 130	
Acetone	10.0	11.2	112	70 - 130	
Isopropyl alcohol	10.0	11.1	111	70 - 130	
Carbon disulfide	10.0	11.0	111	70 - 130	
3-Chloropropene	10.0	11.9	119	70 - 130	
Methylene Chloride	10.0	12.4	124	70 - 130	
tert-Butyl alcohol	10.0	10.6	106	70 - 130	
Methyl tert-butyl ether	10.0	11.1	111	70 - 130	
trans-1,2-Dichloroethene	10.0	11.4	114	70 - 130	
n-Hexane	10.0	11.8	118	70 - 130	
1,1-Dichloroethane	10.0	11.8	118	70 - 130	
Methyl Ethyl Ketone	10.0	11.1	111	70 - 130	
cis-1,2-Dichloroethene	10.0	11.0	110	70 - 130	
Chloroform	10.0	11.4	114	70 - 130	
Tetrahydrofuran	10.0	12.2	122	70 - 130	
1,1,1-Trichloroethane	10.0	11.0	110	70 - 130	
Cyclohexane	10.0	11.1	112	70 - 130	
Carbon tetrachloride	10.0	10.8	108	70 - 130	
2,2,4-Trimethylpentane	10.0	12.0	120	70 - 130	
Benzene	10.0	10.6	106	70 - 130	
1,2-Dichloroethane	10.0	11.4	114	70 - 130	
n-Heptane	10.0	12.1	121	70 - 130	
Trichloroethene	10.0	10.8	108	70 - 130	
1,2-Dichloropropane	10.0	11.4	114	70 - 130	
1,4-Dioxane	10.0	10.1	101	70 - 130	
Bromodichloromethane	10.0	11.4	114	70 - 130	
cis-1,3-Dichloropropene	10.0	10.9	109	70 - 130	
methyl isobutyl ketone	10.0	12.3	123	70 - 130	
Toluene	10.0	10.1	101	70 - 130	
trans-1,3-Dichloropropene	10.0	10.8	108	70 - 130	
1,1,2-Trichloroethane	10.0	10.4	104	70 - 130	
Tetrachloroethene	10.0	9.14	91	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.9	119	70 - 130	
Dibromochloromethane	10.0	10.7	107	70 - 130	

Client: AKRF Inc

Job Number: 220-13862-1

Lab Control Sample - Batch: 200-9159

Method: TO-15
Preparation: Summa Canister

Lab Sample ID: LCS 200-9159/3
Client Matrix: Air
Dilution: 1.0
Date Analyzed: 11/05/2010 1513
Date Prepared: 11/05/2010 1513

Analysis Batch: 200-9159
Prep Batch: N/A
Units: ppb v/v

Instrument ID: G.i
Lab File ID: gfbw003.d
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromoethane	10.0	9.94	99	70 - 130	
Chlorobenzene	10.0	9.68	97	70 - 130	
Ethylbenzene	10.0	10.2	102	70 - 130	
m,p-Xylene	20.0	20.0	100	70 - 130	
Xylene, o-	10.0	9.97	100	70 - 130	
Styrene	10.0	10.1	101	70 - 130	
Bromoform	10.0	10.0	100	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.6	106	70 - 130	
4-Ethyltoluene	10.0	10.5	106	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.3	103	70 - 130	
2-Chlorotoluene	10.0	10.7	107	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130	
1,3-Dichlorobenzene	10.0	8.65	87	70 - 130	
1,4-Dichlorobenzene	10.0	8.52	85	70 - 130	
1,2-Dichlorobenzene	10.0	8.61	86	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.26	73	70 - 130	
Hexachlorobutadiene	10.0	8.82	88	70 - 130	

DATA REPORTING QUALIFIERS

Client: AKRF Inc Job Number: 220-13862-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: AKRF Inc

Job Number: 220-13862-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-9159					
LCS 200-9159/3	Lab Control Sample	T	Air	TO-15	
MB 200-9159/4	Method Blank	T	Air	TO-15	
220-13862-1	CE-AA	T	Air	TO-15	
220-13862-2	CE-VAPOR-1	T	Air	TO-15	
220-13862-3	CE-VAPOR-2	T	Air	TO-15	
220-13862-4	CE-VAPOR-3	T	Air	TO-15	
220-13862-5	CE-VAPOR-4	T	Air	TO-15	
220-13862-6	CE-VAPOR-5	T	Air	TO-15	
220-13862-7	CE-VAPOR-6	T	Air	TO-15	
220-13862-8	CE-VAPOR-7	T	Air	TO-15	
220-13862-9	CE-VAPOR-8	T	Air	TO-15	

Report Basis
T = Total

Client: AKRF Inc Job Number: 220-13862-1

Laboratory Chronicle

Lab ID: 220-13862-1 **Client ID: CE-AA**

Sample Date/Time: 10/29/2010 14:06 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-1		200-9159		11/05/2010 23:21	1	TAL BUR	NJR
A:TO-15	220-13862-A-1		200-9159		11/05/2010 23:21	1	TAL BUR	NJR

Lab ID: 220-13862-2 **Client ID: CE-VAPOR-1**

Sample Date/Time: 10/29/2010 14:51 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-2		200-9159		11/06/2010 11:17	1	TAL BUR	NJR
A:TO-15	220-13862-A-2		200-9159		11/06/2010 11:17	1	TAL BUR	NJR

Lab ID: 220-13862-3 **Client ID: CE-VAPOR-2**

Sample Date/Time: 10/29/2010 14:52 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-3		200-9159		11/06/2010 00:58	1	TAL BUR	NJR
A:TO-15	220-13862-A-3		200-9159		11/06/2010 00:58	1	TAL BUR	NJR

Lab ID: 220-13862-4 **Client ID: CE-VAPOR-3**

Sample Date/Time: 10/29/2010 14:52 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-4		200-9159		11/06/2010 01:47	1	TAL BUR	NJR
A:TO-15	220-13862-A-4		200-9159		11/06/2010 01:47	1	TAL BUR	NJR

Lab ID: 220-13862-5 **Client ID: CE-VAPOR-4**

Sample Date/Time: 10/29/2010 14:53 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-5		200-9159		11/06/2010 02:35	2	TAL BUR	NJR
A:TO-15	220-13862-A-5		200-9159		11/06/2010 02:35	2	TAL BUR	NJR

Client: AKRF Inc Job Number: 220-13862-1

Laboratory Chronicle

Lab ID: 220-13862-6 **Client ID: CE-VAPOR-5**

Sample Date/Time: 10/29/2010 14:03 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-6		200-9159		11/06/2010 03:24	1	TAL BUR	NJR
A:TO-15	220-13862-A-6		200-9159		11/06/2010 03:24	1	TAL BUR	NJR

Lab ID: 220-13862-7 **Client ID: CE-VAPOR-6**

Sample Date/Time: 10/29/2010 14:02 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-7		200-9159		11/06/2010 04:13	1	TAL BUR	NJR
A:TO-15	220-13862-A-7		200-9159		11/06/2010 04:13	1	TAL BUR	NJR

Lab ID: 220-13862-8 **Client ID: CE-VAPOR-7**

Sample Date/Time: 10/29/2010 14:02 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-8		200-9159		11/06/2010 05:01	1	TAL BUR	NJR
A:TO-15	220-13862-A-8		200-9159		11/06/2010 05:01	1	TAL BUR	NJR

Lab ID: 220-13862-9 **Client ID: CE-VAPOR-8**

Sample Date/Time: 10/29/2010 14:01 Received Date/Time: 11/01/2010 15:14

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	220-13862-A-9		200-9159		11/06/2010 05:50	1	TAL BUR	NJR
A:TO-15	220-13862-A-9		200-9159		11/06/2010 05:50	1	TAL BUR	NJR

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-9159/4		200-9159		11/05/2010 16:04	1	TAL BUR	NJR
A:TO-15	MB 200-9159/4		200-9159		11/05/2010 16:04	1	TAL BUR	NJR

Client: AKRF Inc Job Number: 220-13862-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-9159/3		200-9159		11/05/2010 15:13	1	TAL BUR	NJR
A:TO-15	LCS 200-9159/3		200-9159		11/05/2010 15:13	1	TAL BUR	NJR

Lab References:
TAL BUR = TestAmerica Burlington

Method TO15

Volatile Organic Compounds (GC/MS)
by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gfbw003.d

Lab ID: LCS 200-9159/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.06	91	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.69	97	70-130	
Chloromethane	10.0	9.91	99	70-130	
Vinyl chloride	10.0	9.96	100	70-130	
1,3-Butadiene	10.0	10.6	106	70-130	
Bromomethane	10.0	10.1	101	70-130	
Chloroethane	10.0	11.1	111	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.6	106	70-130	
Trichlorofluoromethane	10.0	10.6	106	70-130	
Freon TF	10.0	11.6	116	70-130	
1,1-Dichloroethene	10.0	11.4	114	70-130	
Acetone	10.0	11.2	112	70-130	
Isopropyl alcohol	10.0	11.1	111	70-130	
Carbon disulfide	10.0	11.0	111	70-130	
3-Chloropropene	10.0	11.9	119	70-130	
Methylene Chloride	10.0	12.4	124	70-130	
tert-Butyl alcohol	10.0	10.6	106	70-130	
Methyl tert-butyl ether	10.0	11.1	111	70-130	
trans-1,2-Dichloroethene	10.0	11.4	114	70-130	
n-Hexane	10.0	11.8	118	70-130	
1,1-Dichloroethane	10.0	11.8	118	70-130	
Methyl Ethyl Ketone	10.0	11.1	111	70-130	
cis-1,2-Dichloroethene	10.0	11.0	110	70-130	
Chloroform	10.0	11.4	114	70-130	
Tetrahydrofuran	10.0	12.2	122	70-130	
1,1,1-Trichloroethane	10.0	11.0	110	70-130	
Cyclohexane	10.0	11.1	112	70-130	
Carbon tetrachloride	10.0	10.8	108	70-130	
2,2,4-Trimethylpentane	10.0	12.0	120	70-130	
Benzene	10.0	10.6	106	70-130	
1,2-Dichloroethane	10.0	11.4	114	70-130	
n-Heptane	10.0	12.1	121	70-130	
Trichloroethene	10.0	10.8	108	70-130	
1,2-Dichloropropane	10.0	11.4	114	70-130	
1,4-Dioxane	10.0	10.1	101	70-130	
Bromodichloromethane	10.0	11.4	114	70-130	
cis-1,3-Dichloropropene	10.0	10.9	109	70-130	
methyl isobutyl ketone	10.0	12.3	123	70-130	
Toluene	10.0	10.1	101	70-130	
trans-1,3-Dichloropropene	10.0	10.8	108	70-130	
1,1,2-Trichloroethane	10.0	10.4	104	70-130	
Tetrachloroethene	10.0	9.14	91	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gfbw003.d

Lab ID: LCS 200-9159/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	11.9	119	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	9.94	99	70-130	
Chlorobenzene	10.0	9.68	97	70-130	
Ethylbenzene	10.0	10.2	102	70-130	
m,p-Xylene	20.0	20.0	100	70-130	
Xylene, o-	10.0	9.97	100	70-130	
Styrene	10.0	10.1	101	70-130	
Bromoform	10.0	10.0	100	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.6	106	70-130	
4-Ethyltoluene	10.0	10.5	106	70-130	
1,3,5-Trimethylbenzene	10.0	10.3	103	70-130	
2-Chlorotoluene	10.0	10.7	107	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
1,3-Dichlorobenzene	10.0	8.65	87	70-130	
1,4-Dichlorobenzene	10.0	8.52	85	70-130	
1,2-Dichlorobenzene	10.0	8.61	86	70-130	
1,2,4-Trichlorobenzene	10.0	7.26	73	70-130	
Hexachlorobutadiene	10.0	8.82	88	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab File ID: gfbw004.d Lab Sample ID: MB 200-9159/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 11/05/2010 16:04

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-9159/3	gfbw003.d	11/05/2010 15:13
CE-AA	220-13862-1	gfbw013.d	11/05/2010 23:21
CE-VAPOR-2	220-13862-3	gfbw015.d	11/06/2010 00:58
CE-VAPOR-3	220-13862-4	gfbw016.d	11/06/2010 01:47
CE-VAPOR-4	220-13862-5	gfbw017.d	11/06/2010 02:35
CE-VAPOR-5	220-13862-6	gfbw018.d	11/06/2010 03:24
CE-VAPOR-6	220-13862-7	gfbw019.d	11/06/2010 04:13
CE-VAPOR-7	220-13862-8	gfbw020.d	11/06/2010 05:01
CE-VAPOR-8	220-13862-9	gfbw021.d	11/06/2010 05:50
CE-VAPOR-1	220-13862-2	gfbw027.d	11/06/2010 11:17

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab File ID: gfb001.d BFB Injection Date: 10/01/2010

Instrument ID: G.i BFB Injection Time: 00:03

Analysis Batch No.: 7345

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	17.6	
75	30.0 - 66.0% of mass 95	48.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	99.7	
175	4.0 - 9.0 % of mass 174	6.9	(6.9)1
176	93.0 - 101.0% of mass 174	97.6	(97.9)1
177	5.0 - 9.0% of mass 176	6.2	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-7345/3	gfb003.d	10/01/2010	01:39
	IC 200-7345/4	gfb004.d	10/01/2010	02:27
	IC 200-7345/5	gfb005.d	10/01/2010	03:15
	ICIS 200-7345/6	gfb006.d	10/01/2010	04:03
	IC 200-7345/7	gfb007.d	10/01/2010	04:52
	IC 200-7345/8	gfb008.d	10/01/2010	05:40
	IC 200-7345/9	gfb009.d	10/01/2010	09:30
	ICV 200-7345/12	gfb012.d	10/01/2010	12:18

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab File ID: gfbw001.d BFB Injection Date: 11/05/2010

Instrument ID: G.i BFB Injection Time: 13:22

Analysis Batch No.: 9159

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	19.4	
75	30.0 - 66.0% of mass 95	51.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	87.9	
175	4.0 - 9.0 % of mass 174	6.2	(7.0)1
176	93.0 - 101.0% of mass 174	85.8	(97.6)1
177	5.0 - 9.0% of mass 176	5.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-9159/2	gfbw002.d	11/05/2010	14:24
	LCS 200-9159/3	gfbw003.d	11/05/2010	15:13
	MB 200-9159/4	gfbw004.d	11/05/2010	16:04
CE-AA	220-13862-1	gfbw013.d	11/05/2010	23:21
CE-VAPOR-2	220-13862-3	gfbw015.d	11/06/2010	00:58
CE-VAPOR-3	220-13862-4	gfbw016.d	11/06/2010	01:47
CE-VAPOR-4	220-13862-5	gfbw017.d	11/06/2010	02:35
CE-VAPOR-5	220-13862-6	gfbw018.d	11/06/2010	03:24
CE-VAPOR-6	220-13862-7	gfbw019.d	11/06/2010	04:13
CE-VAPOR-7	220-13862-8	gfbw020.d	11/06/2010	05:01
CE-VAPOR-8	220-13862-9	gfbw021.d	11/06/2010	05:50
CE-VAPOR-1	220-13862-2	gfbw027.d	11/06/2010	11:17

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Sample No.: ICIS 200-7345/6 Date Analyzed: 10/01/2010 04:03

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gfb006.d Heated Purge: (Y/N) N

Calibration ID: 2531

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		516317	9.60	2517085	11.00	2397842	15.12
UPPER LIMIT		722844	9.93	3523919	11.33	3356979	15.45
LOWER LIMIT		309790	9.27	1510251	10.67	1438705	14.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-7345/12		507548	9.59	2414934	11.00	2306197	15.12

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Sample No.: CCVIS 200-9159/2 Date Analyzed: 11/05/2010 14:24

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gfbw002.d Heated Purge: (Y/N) N

Calibration ID: 2531

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		570828	9.58	2823884	10.98	2724780	15.10
UPPER LIMIT		799159	9.91	3953438	11.31	3814692	15.43
LOWER LIMIT		342497	9.25	1694330	10.65	1634868	14.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-9159/3		601070	9.58	2897735	10.98	2826281	15.10
MB 200-9159/4		592028	9.57	3004102	10.98	2791856	15.09
220-13862-1	CE-AA	557810	9.57	2448242	10.98	2334259	15.10
220-13862-3	CE-VAPOR-2	547911	9.57	2580421	10.98	2447561	15.09
220-13862-4	CE-VAPOR-3	539426	9.57	2605895	10.98	2530445	15.10
220-13862-5	CE-VAPOR-4	552947	9.57	2681032	10.98	2546488	15.10
220-13862-6	CE-VAPOR-5	545450	9.57	2538644	10.98	2466323	15.09
220-13862-7	CE-VAPOR-6	531532	9.57	2447202	10.98	2300090	15.09
220-13862-8	CE-VAPOR-7	552072	9.57	2701381	10.98	2554525	15.10
220-13862-9	CE-VAPOR-8	539437	9.57	2640268	10.98	2528361	15.09
220-13862-2	CE-VAPOR-1	540658	9.57	2627655	10.98	2467089	15.10

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.55		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.27		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.63		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.41		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.1		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.86		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-AA Lab Sample ID: 220-13862-1

Matrix: Air Lab File ID: gfbw013.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:06

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	2.4		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	1.8		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-1
Client Smp ID: CE-AA
Inj Date : 05-NOV-2010 23:21
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-1
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	74418	0.47683	0.48(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	15503	0.54954	0.55
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	3464	0.14787	0.15(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.177	5.187	(0.541)	42171	0.25694	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.172	6.182	(0.645)	9399	0.09327	0.093(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	198562	3.29101	3.3(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	8048	0.13645	0.14(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.221	9.232	(0.963)	6317	0.35284	0.35(aQ)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	557810	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	9.900	9.916	(0.902)	2901	0.05507	0.055(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.920)	13149	0.09556	0.096(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	14194	0.08221	0.082(aM)
	44 Benzene	78	10.430	10.451	(0.950)	34702	0.26916	0.27
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.633	10.655	(0.969)	6964	0.11134	0.11(a)
*	47 1,4-Difluorobenzene	114	10.976	11.002	(1.000)	2448242	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.132	13.153	(0.870)	58354	0.63377	0.63
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2334259	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	21602	0.10370	0.10(a)
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	24767	0.31310	0.31(a)
M	70 Xylenes, Total	106				32325	0.40844	0.41
	71 Xylene (o)	106	15.871	15.892	(1.051)	7558	0.09534	0.095(a)
	72 Styrene	104	15.903	15.919	(1.054)	5572	0.04742	0.047(aQM)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	17.401	17.422	(1.153)	13065	0.06410	0.064(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

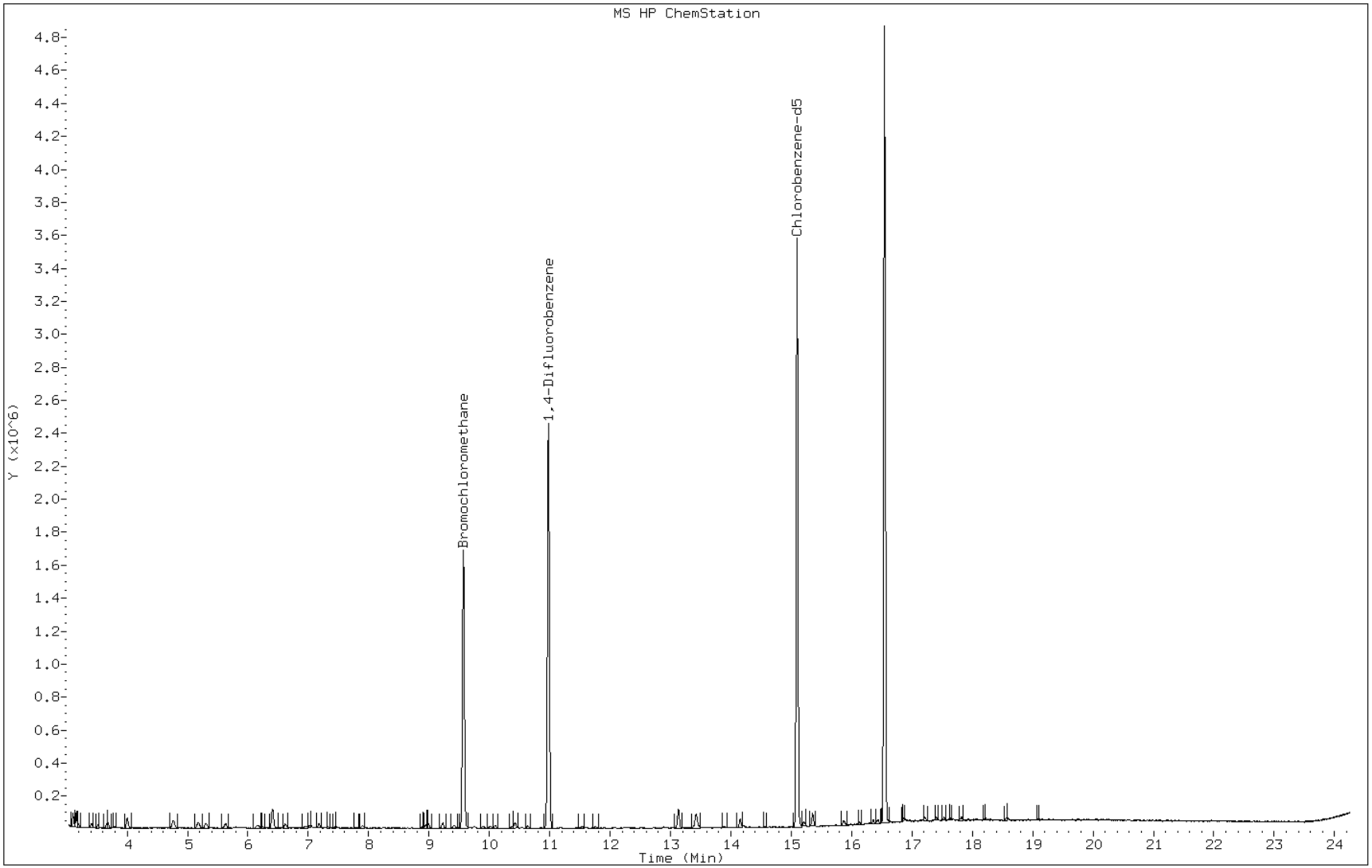
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: gfbw013.d
Client ID: CE-AA
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 220-13862-A-1
Lab Sample ID: 220-13862-1

Date: 05-NOV-2010 23:21
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



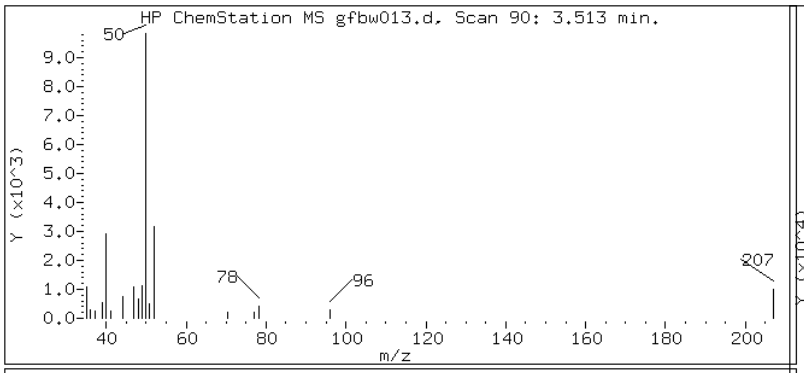
Data File: gfbw013.d

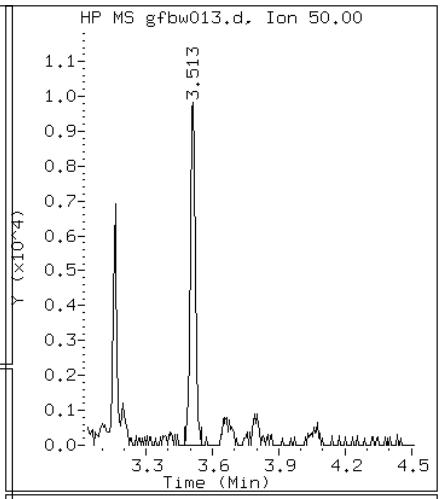
Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

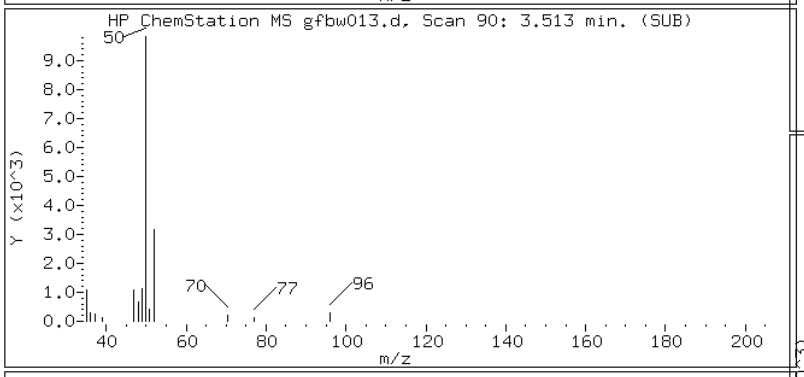
Client ID: CE-AA Instrument: G.i

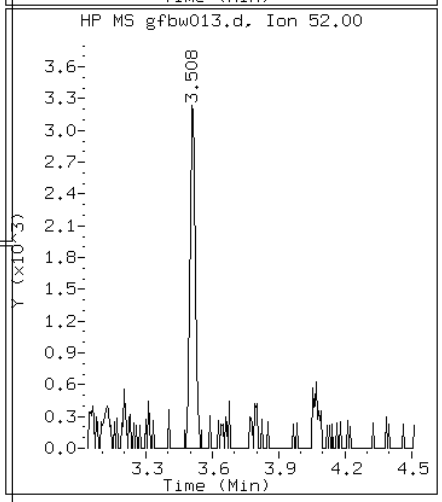
Sample Info: 220-13862-A-1 Operator: wrd

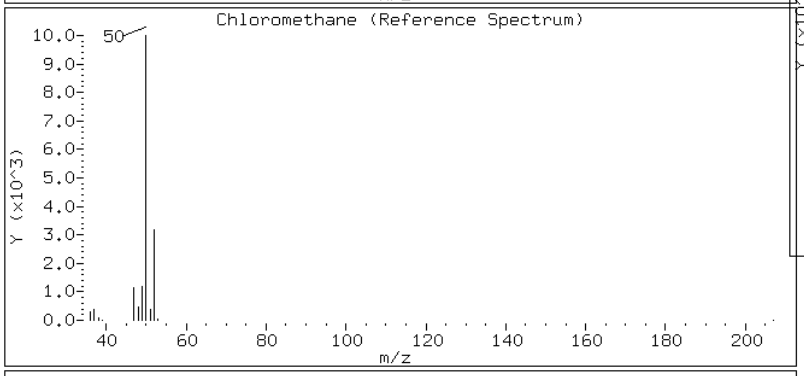
5 Chloromethane

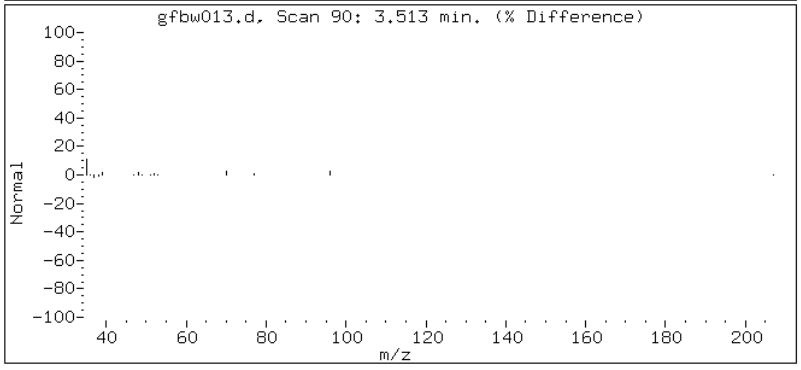












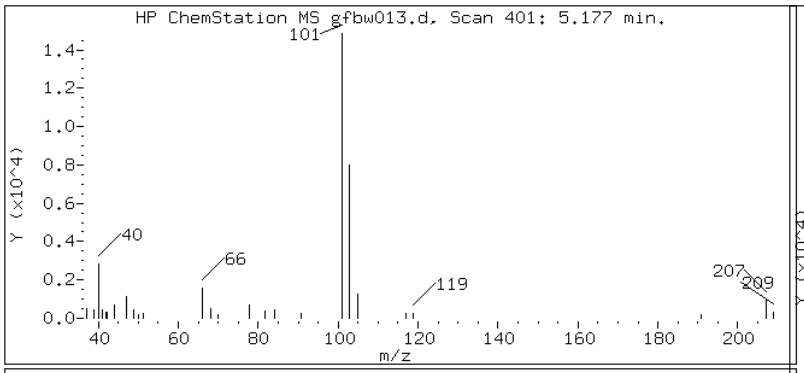
Data File: gfbw013.d

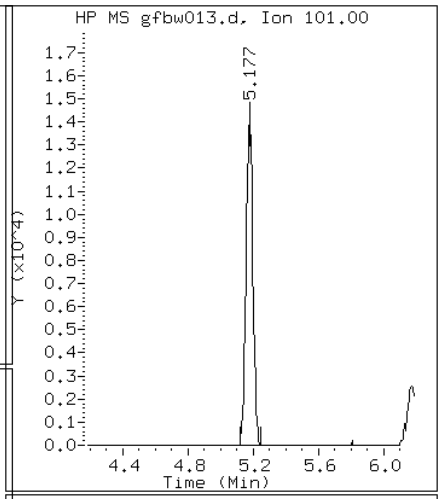
Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

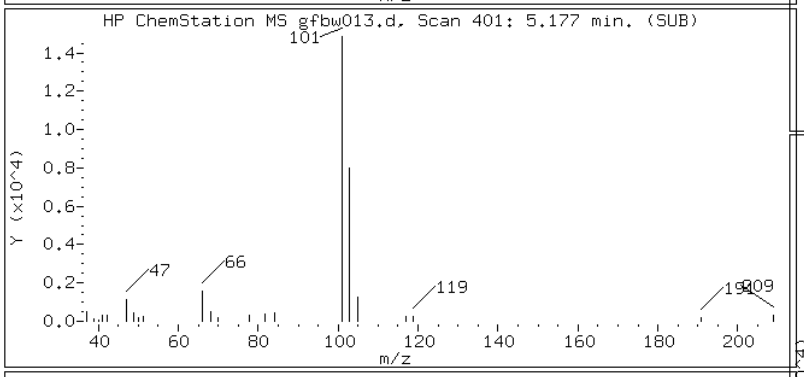
Client ID: CE-AA Instrument: G.i

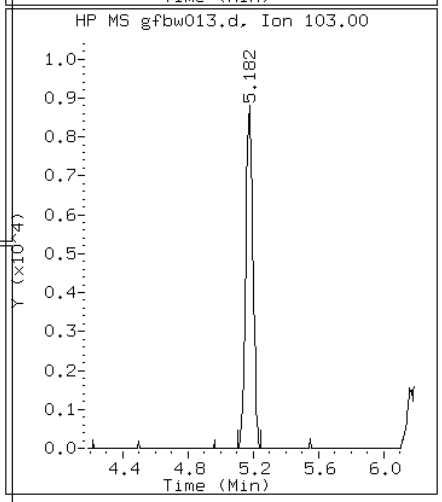
Sample Info: 220-13862-A-1 Operator: wrd

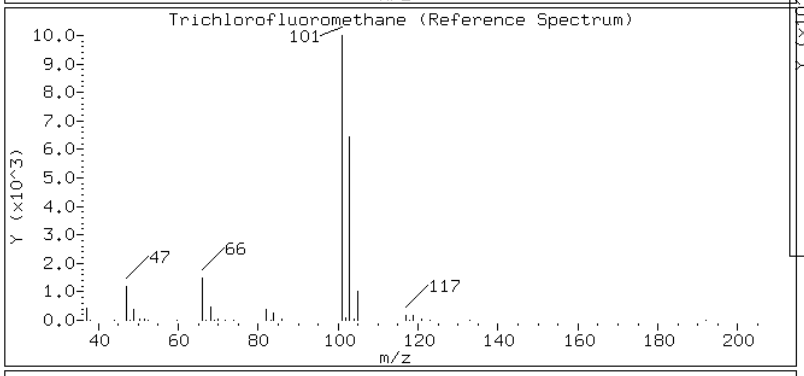
13 Trichlorofluoromethane

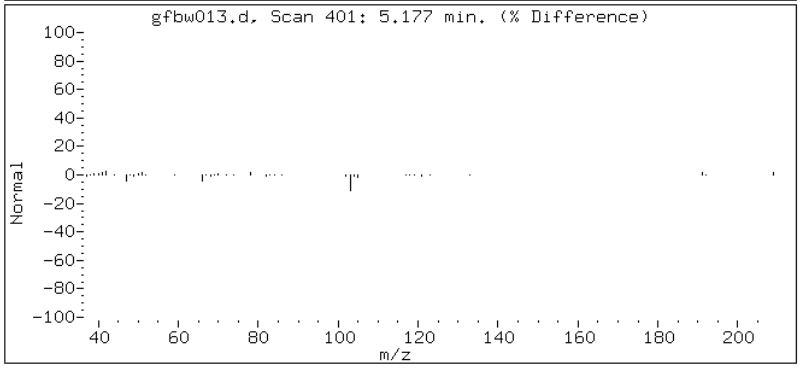












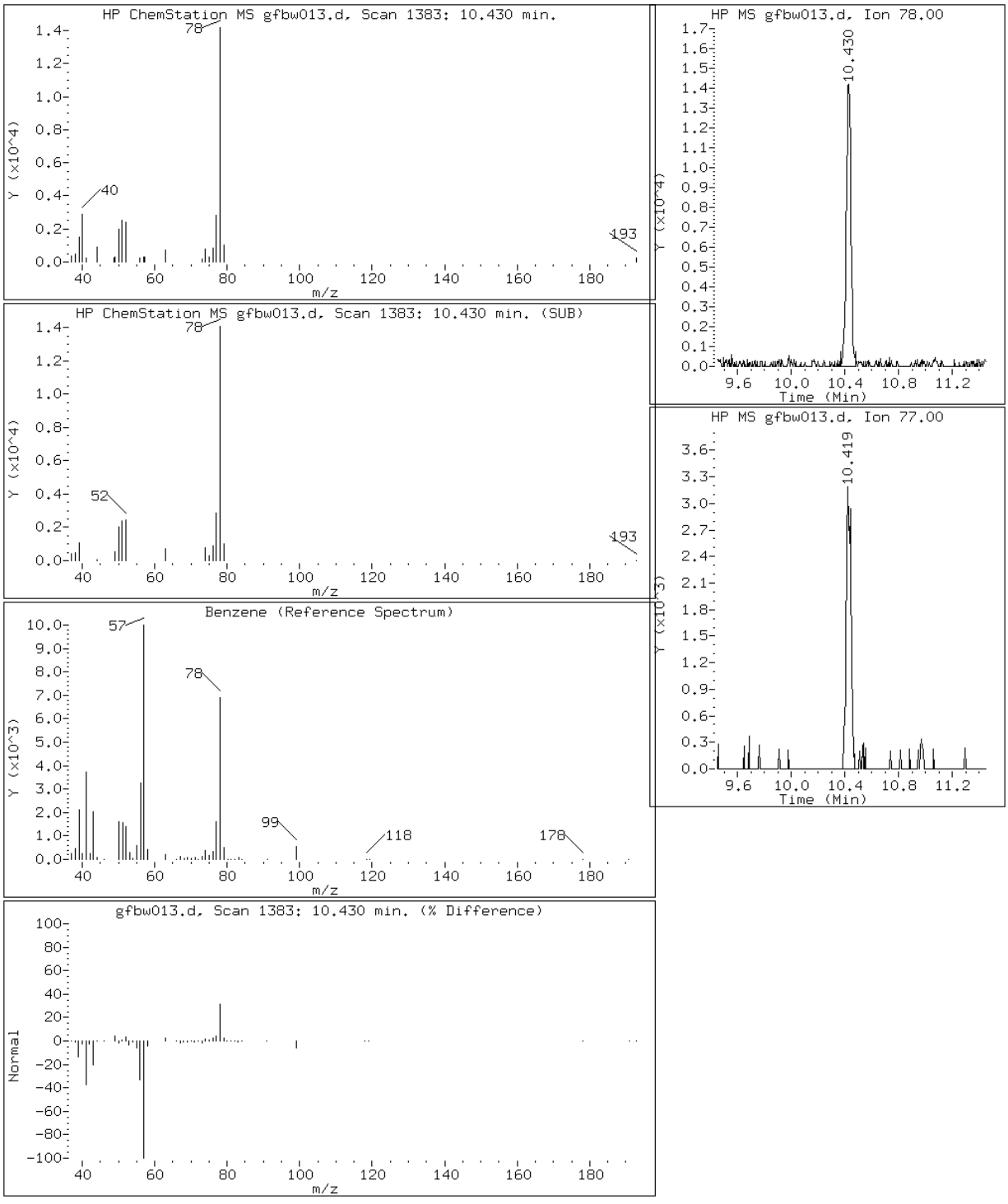
Data File: gfbw013.d

Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

Client ID: CE-AA Instrument: G.i

Sample Info: 220-13862-A-1 Operator: wrd

44 Benzene



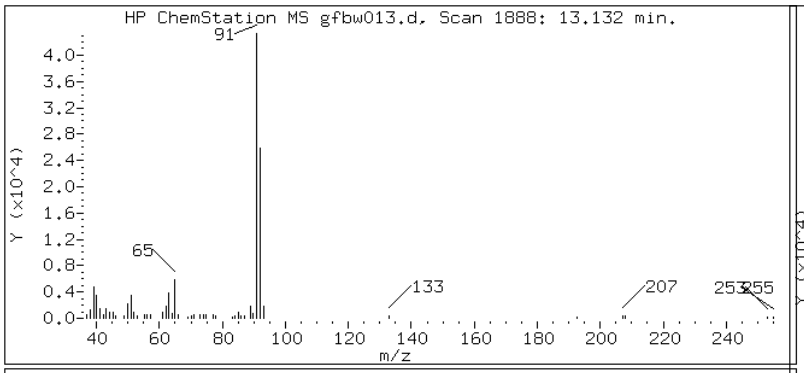
Data File: gfbw013.d

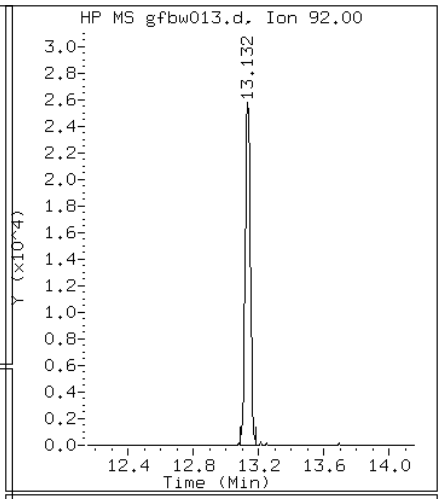
Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

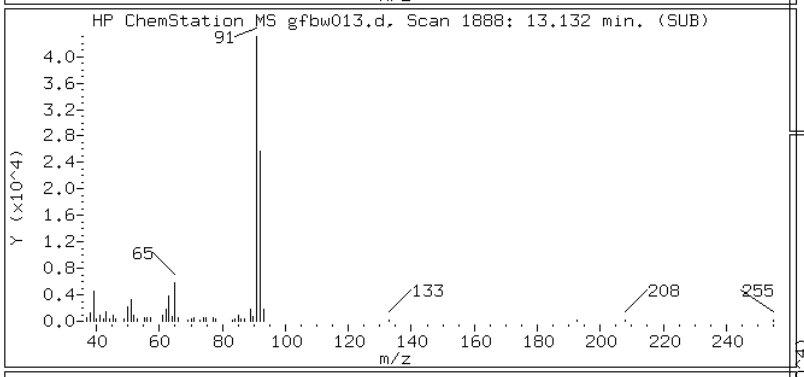
Client ID: CE-AA Instrument: G.i

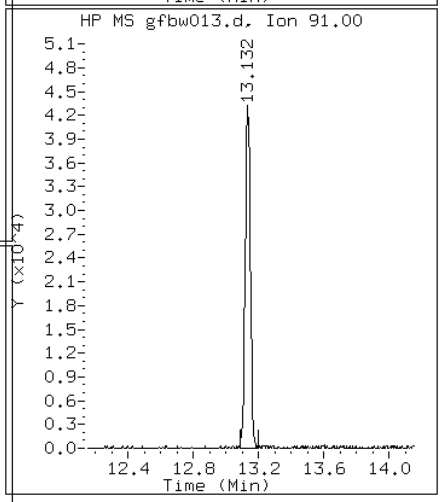
Sample Info: 220-13862-A-1 Operator: wrd

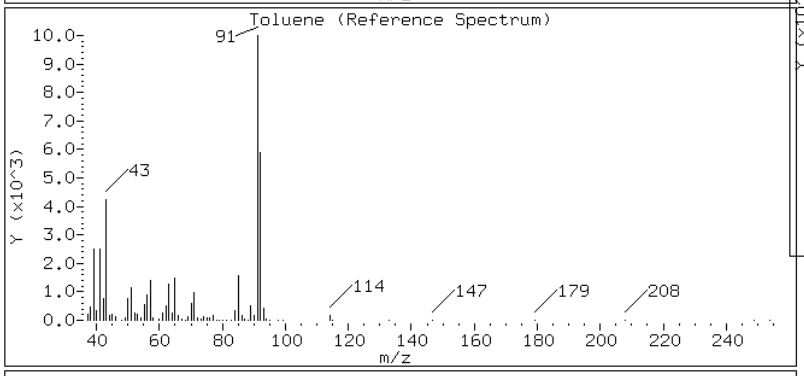
58 Toluene

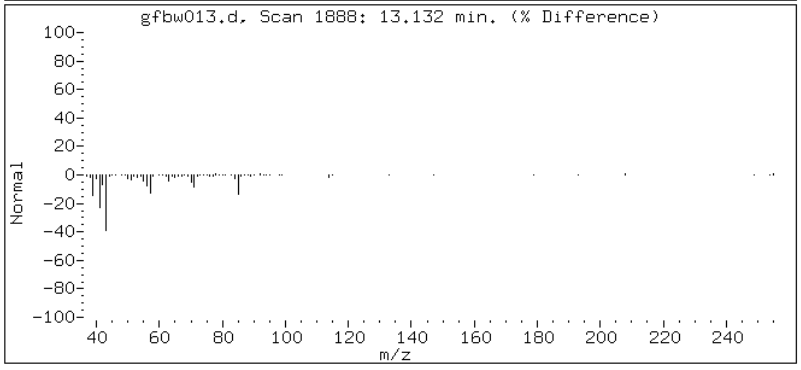












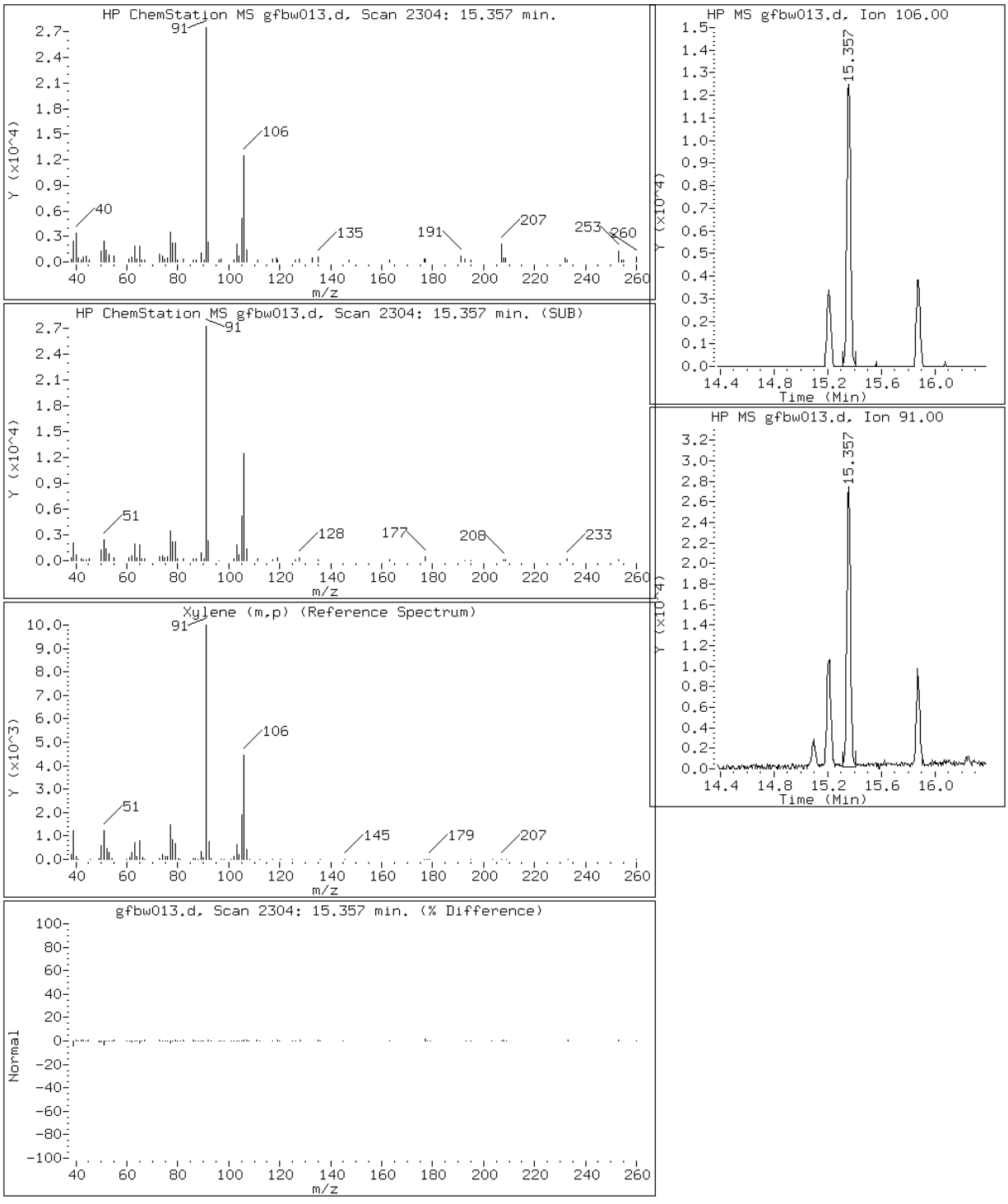
Data File: gfbw013.d

Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

Client ID: CE-AA Instrument: G.i

Sample Info: 220-13862-A-1 Operator: wrd

69 Xylene (m,p)



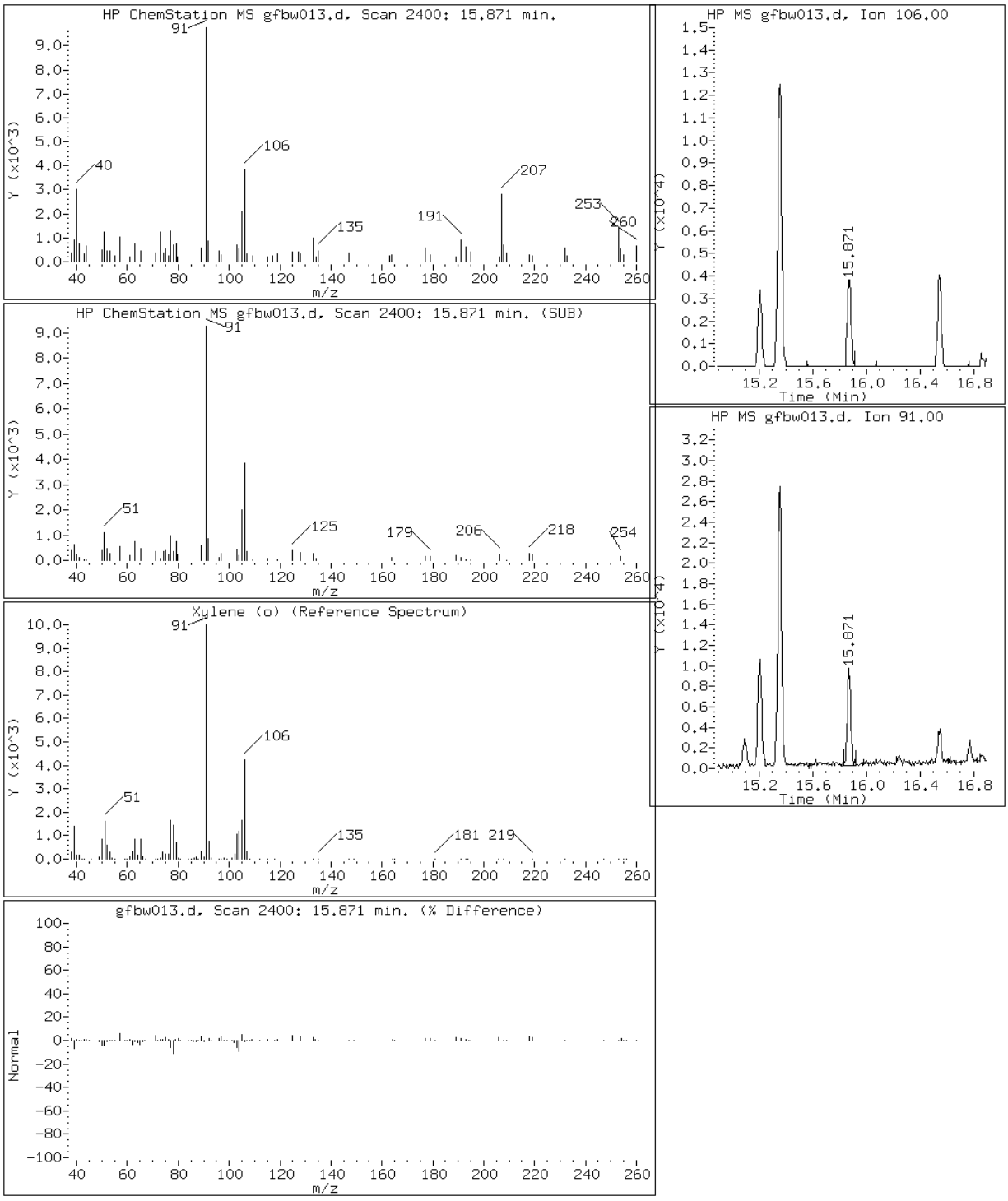
Data File: gfbw013.d

Lab Sample ID: 220-13862-1 Date: 05-NOV-2010 23:21

Client ID: CE-AA Instrument: G.i

Sample Info: 220-13862-A-1 Operator: wrd

71 Xylene (o)



Manual Integration Report

Data File: gfbw013.d
Lab Sample ID: 220-13862-1
Inj. Date and Time: 05-NOV-2010 23:21
Instrument ID: G.i
Client ID: CE-AA
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

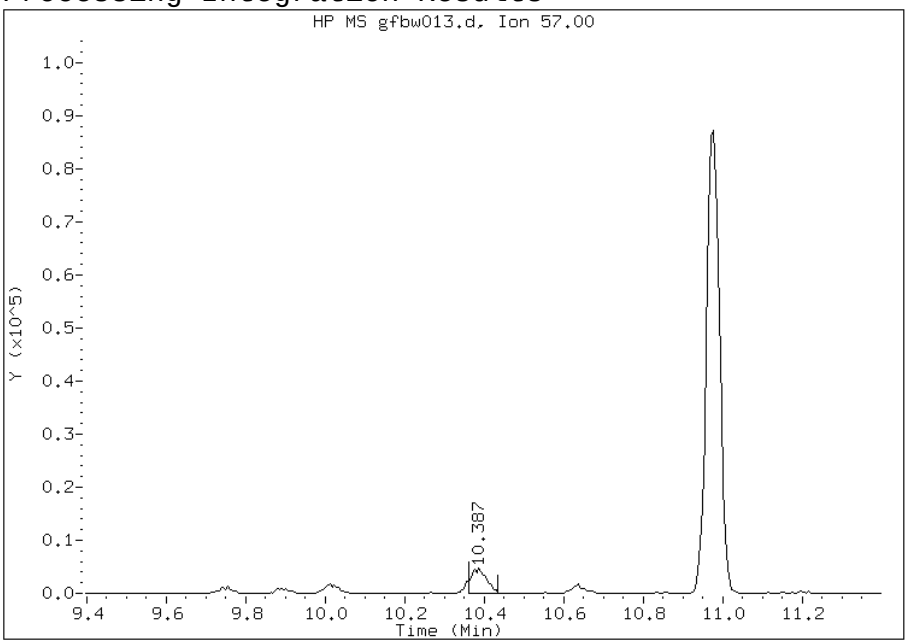
Processing Integration Results

RT: 10.39

Response: 12763

Amount: 0.073918

Conc: 0.073918



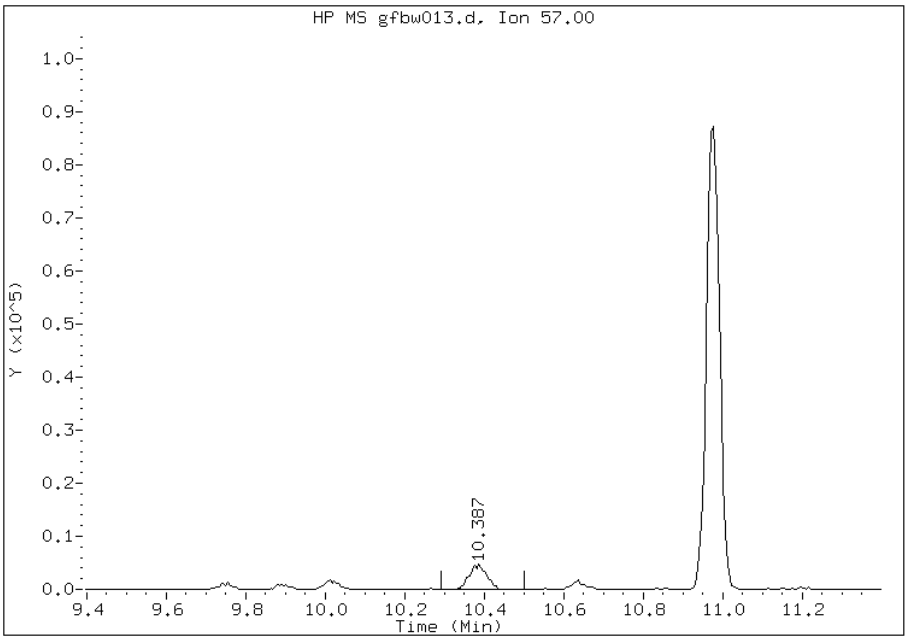
Manual Integration Results

RT: 10.39

Response: 14194

Amount: 0.082206

Conc: 0.082206



File Uploaded By: njr
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw013.d
Lab Sample ID: 220-13862-1
Inj. Date and Time: 05-NOV-2010 23:21
Instrument ID: G.i
Client ID: CE-AA
Compound: 72 Styrene
CAS #: 100-42-5
Report Date: 11/06/2010

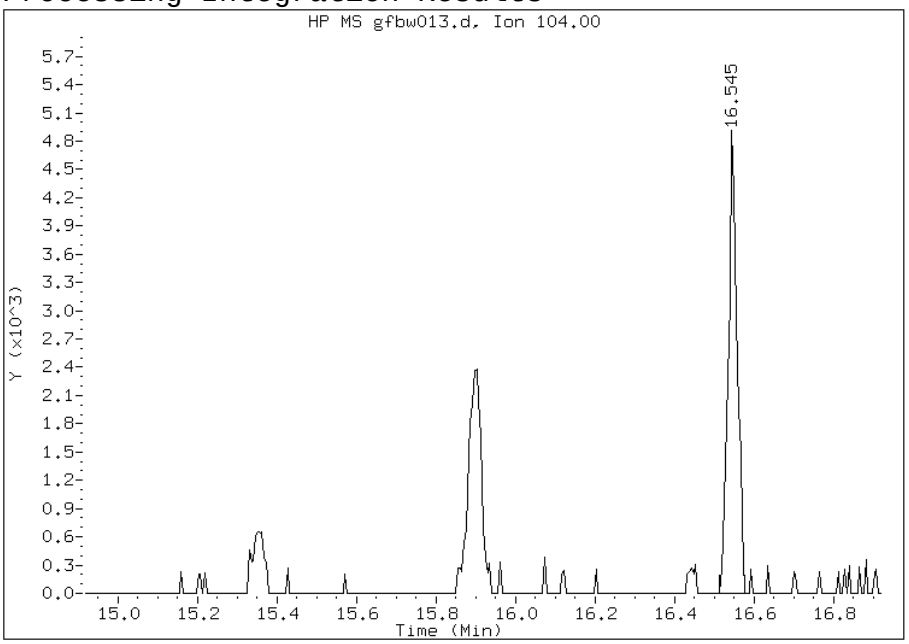
Processing Integration Results

RT: 16.54

Response: 7677

Amount: 0.065339

Conc: 0.065339



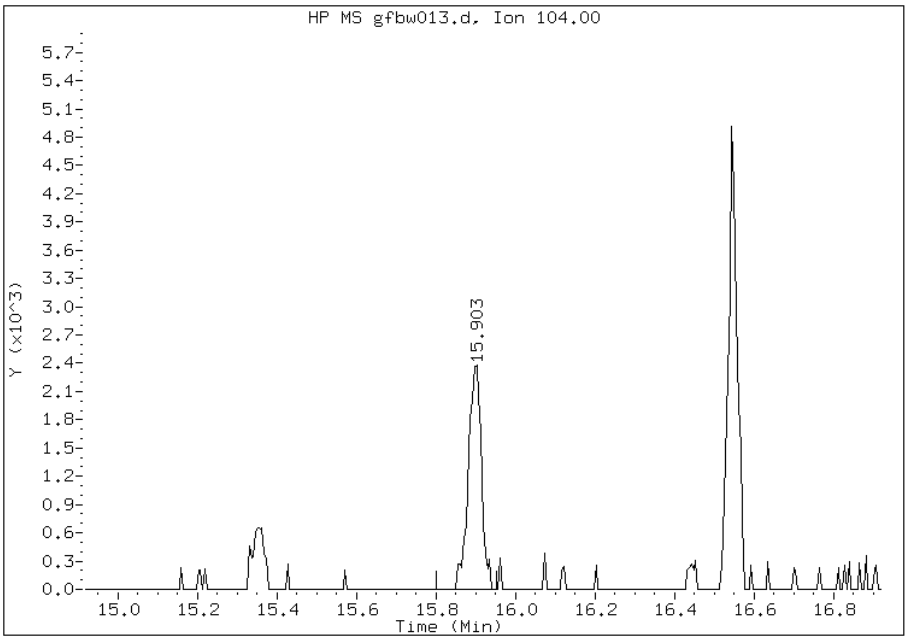
Manual Integration Results

RT: 15.90

Response: 5572

Amount: 0.047424

Conc: 0.047424



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.27		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	7.4		5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.31		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	2.8		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	1.4		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.22		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.49		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.80		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.45		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.2		0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	2.3		0.20	0.014
179601-23-1	m,p-Xylene	106.17	7.0		0.50	0.023
95-47-6	Xylene, o-	106.17	1.6		0.20	0.050
1330-20-7	Xylene (total)	106.17	8.6		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.22		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.65		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.66		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	18		12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	1.1		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	8.2		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	6.8		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.77		0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	2.0		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-1 Lab Sample ID: 220-13862-2

Matrix: Air Lab File ID: gfbw027.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:51

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 11:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	3.0		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	3.0		1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.9		2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	10		0.87	0.061
179601-23-1	m,p-Xylene	106.17	30		2.2	0.10
95-47-6	Xylene, o-	106.17	6.8		0.87	0.22
1330-20-7	Xylene (total)	106.17	37		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	1.1		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	3.2		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	3.2		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-2
Client Smp ID: CE-VAPOR-1
Inj Date : 06-NOV-2010 11:17
Operator : njr Inst ID: G.i
Smp Info : 220-13862-A-2
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	74208	0.49056	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	8589	0.31411	0.31(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.182	5.187	(0.541)	42911	0.26975	0.27
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.161	6.182	(0.644)	8612	0.08817	0.088(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	242698	4.15014	4.2(a)
21 Carbon disulfide	76	6.653	6.658	(0.695)	61966	0.48268	0.48(a)
22 Isopropanol	45	6.610	6.621	(0.690)	297420	7.40000	7.4
23 Allyl chloride	41	Compound Not Detected.					

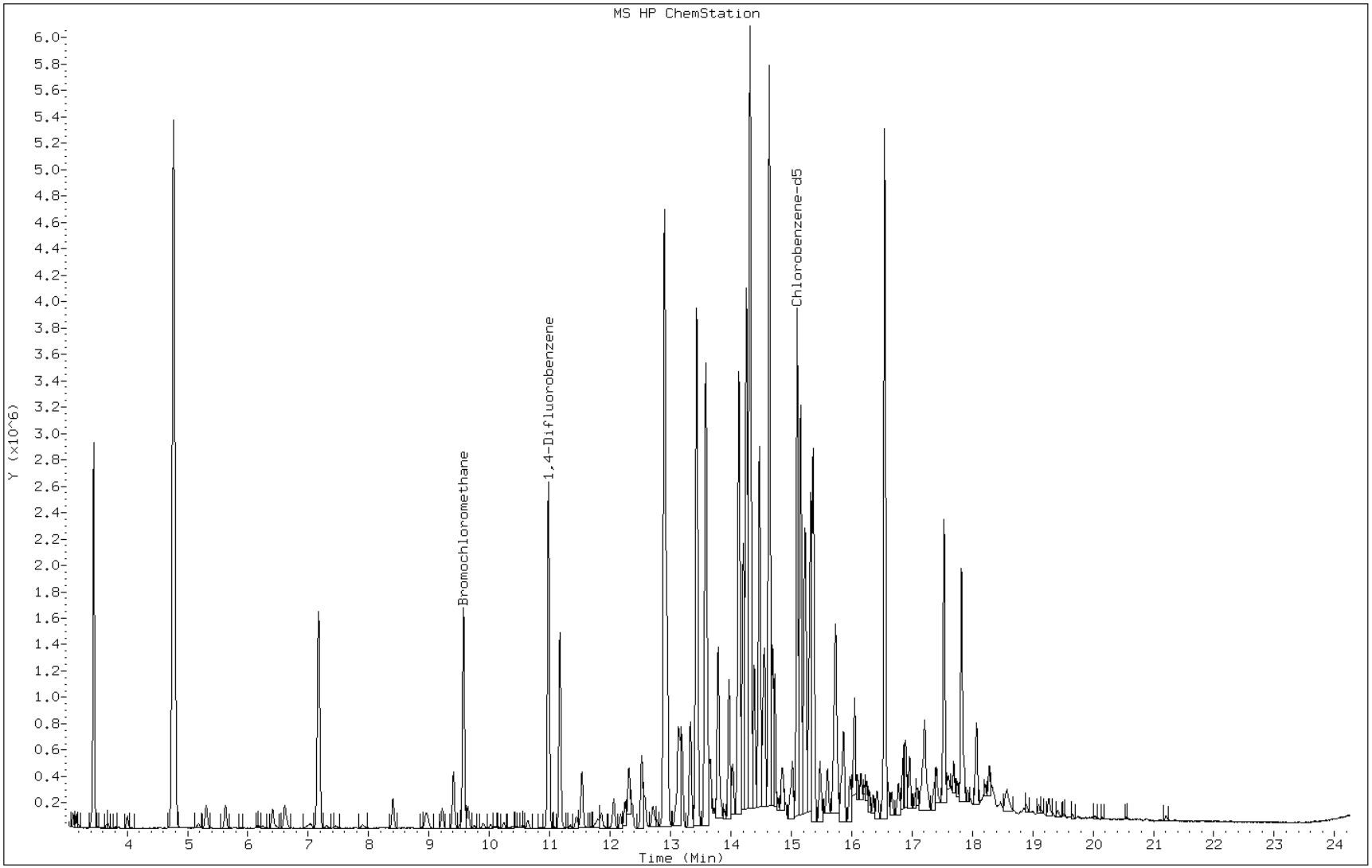
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.177	7.199	(0.750)	17418	0.37270	0.37(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	17443	0.30511	0.31
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.210	9.232	(0.962)	48154	2.77503	2.8(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	540658	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.644	9.665	(1.007)	155601	1.39993	1.4
	40 Cyclohexane	84	9.906	9.916	(0.902)	12634	0.22345	0.22(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.919)	13203	0.08940	0.089(aM)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.945)	10188	0.05498	0.055(aM)
	44 Benzene	78	10.425	10.451	(0.949)	17936	0.12962	0.13(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.633	10.655	(0.968)	32585	0.48537	0.49
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2627655	10.0000	
	49 Trichloroethene	95	11.339	11.355	(1.033)	9179	0.12619	0.13(aQ)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.137	13.153	(0.870)	78306	0.80467	0.80
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.897	13.913	(0.921)	48337	0.44802	0.45
	62 2-Hexanone	43	14.025	14.068	(0.929)	91058	1.19387	1.2(Q)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2467089	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	512635	2.32840	2.3
	69 Xylene (m,p)	106	15.362	15.378	(1.018)	583827	6.98324	7.0
M	70 Xylenes, Total	106				715370	8.55318	8.6
	71 Xylene (o)	106	15.876	15.892	(1.052)	131543	1.56994	1.6
	72 Styrene	104	15.897	15.919	(1.053)	22339	0.17989	0.18(aQ)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	57036	0.22474	0.22
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	140784	0.64686	0.65
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	141316	0.65599	0.66
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	17.930	17.941	(1.188)	14079	0.08727	0.087(aQ)
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gfbw027.d	Date:	06-NOV-2010 11:17
Client ID:	CE-VAPOR-1	Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-2		
Lab Sample ID:	220-13862-2		



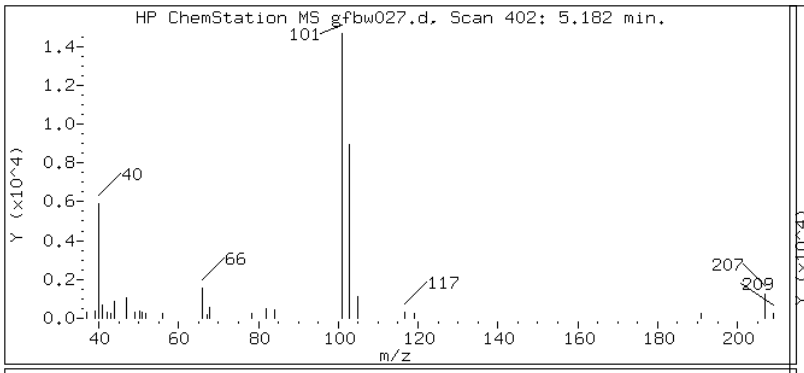
Data File: gfbw027.d

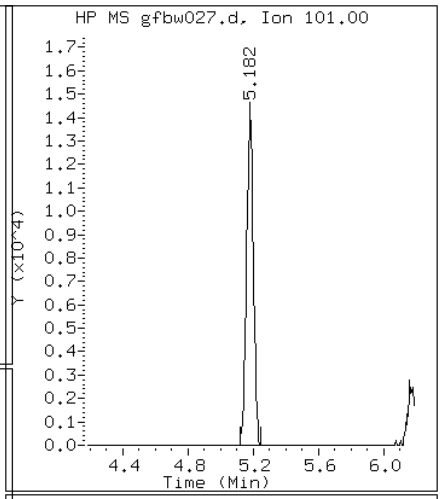
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

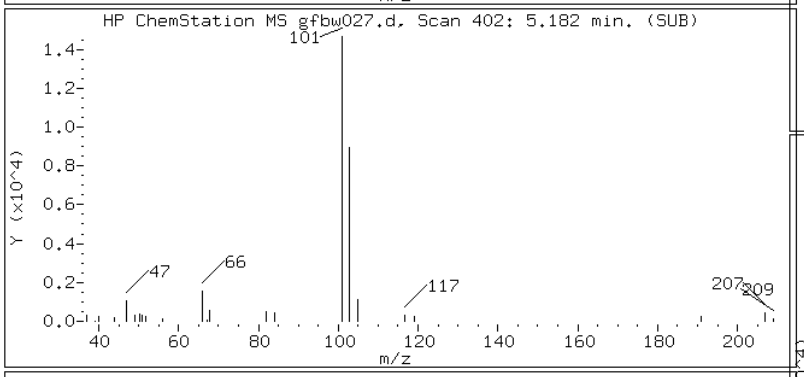
Client ID: CE-VAPOR-1 Instrument: G.i

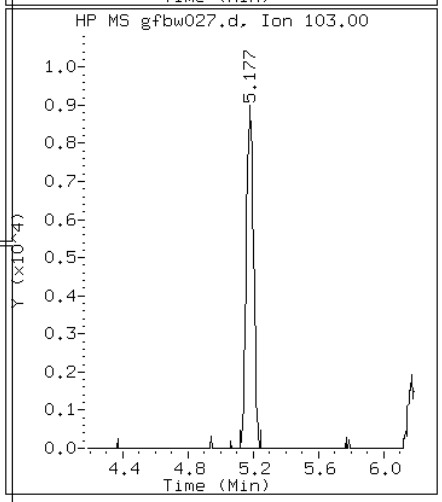
Sample Info: 220-13862-A-2 Operator: njr

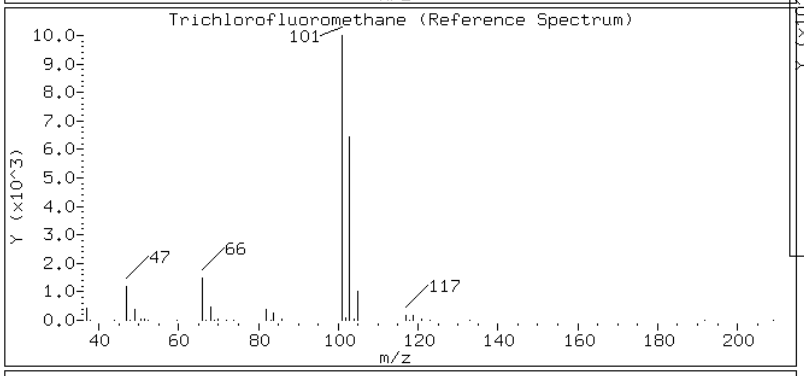
13 Trichlorofluoromethane

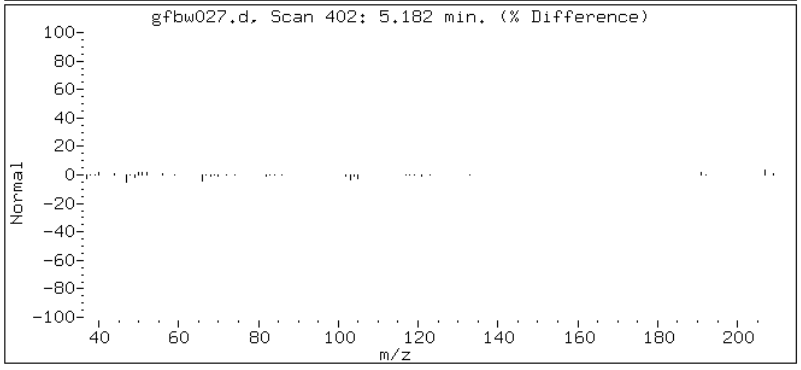












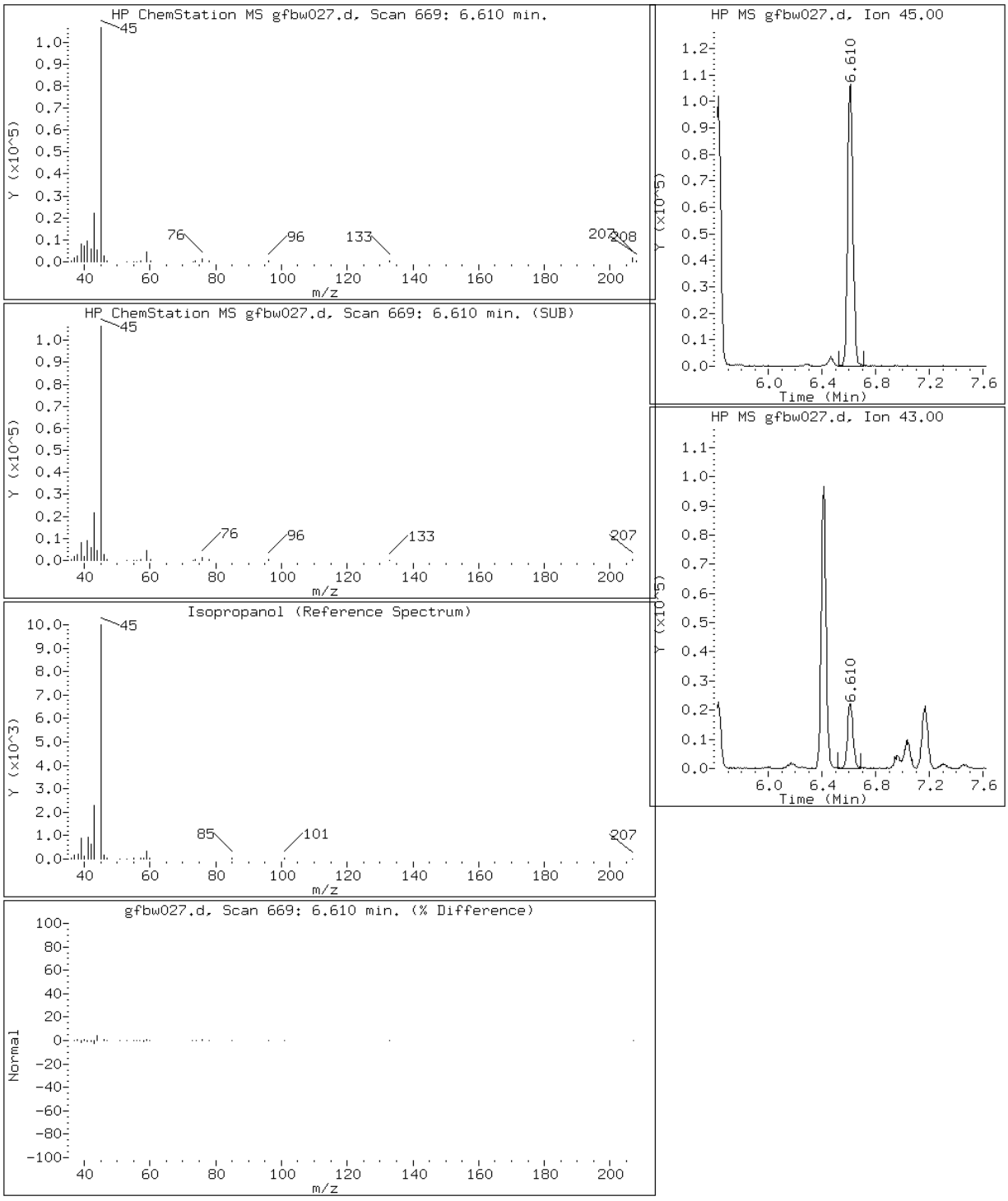
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

22 Isopropanol



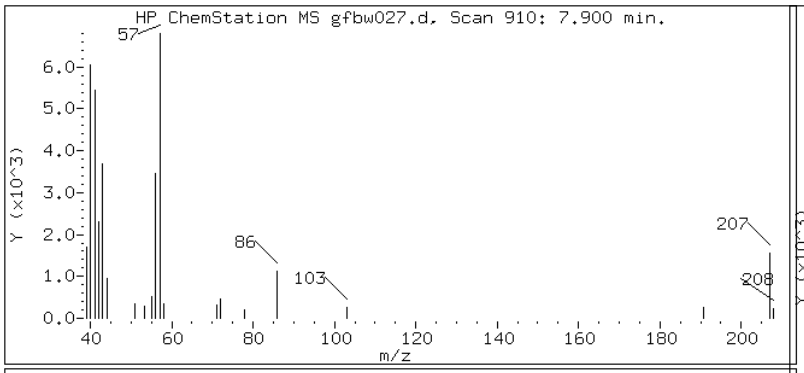
Data File: gfbw027.d

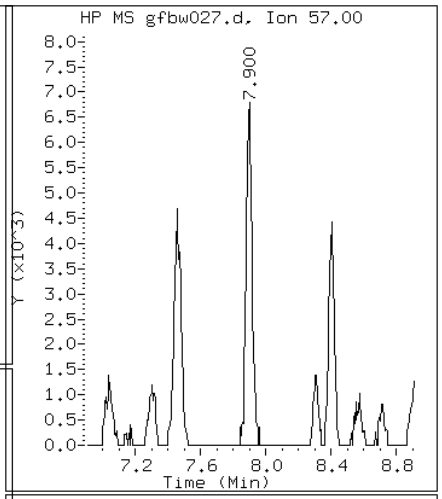
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

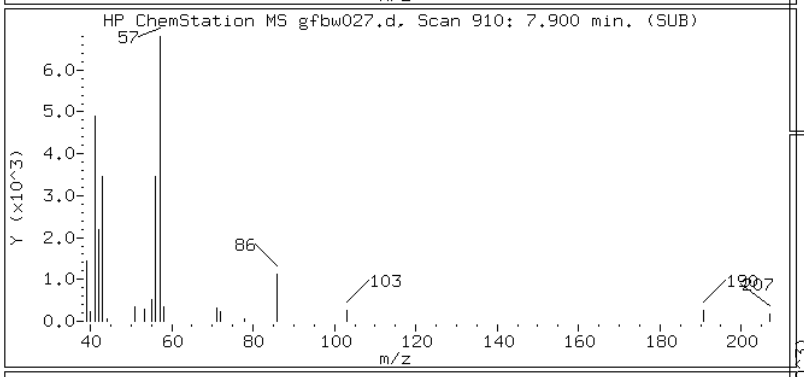
Client ID: CE-VAPOR-1 Instrument: G.i

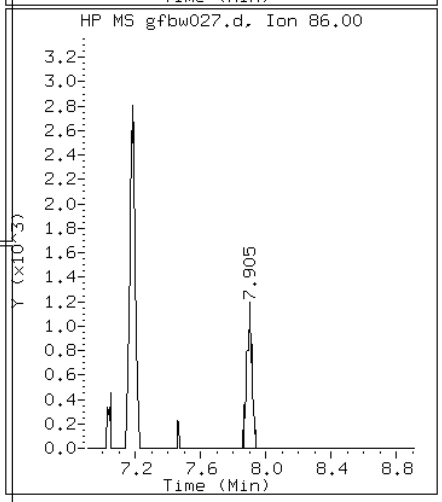
Sample Info: 220-13862-A-2 Operator: njr

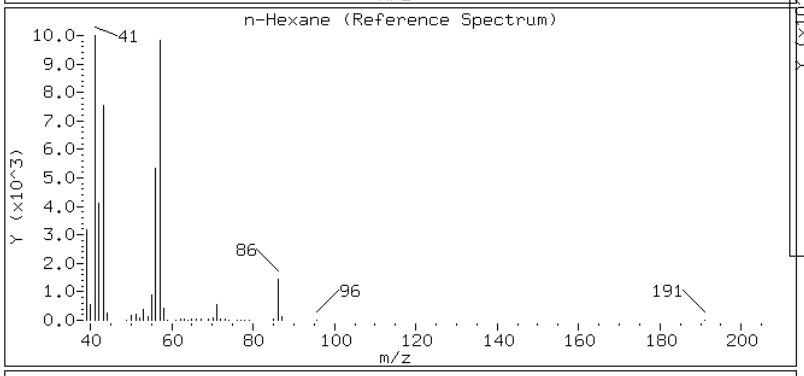
30 n-Hexane

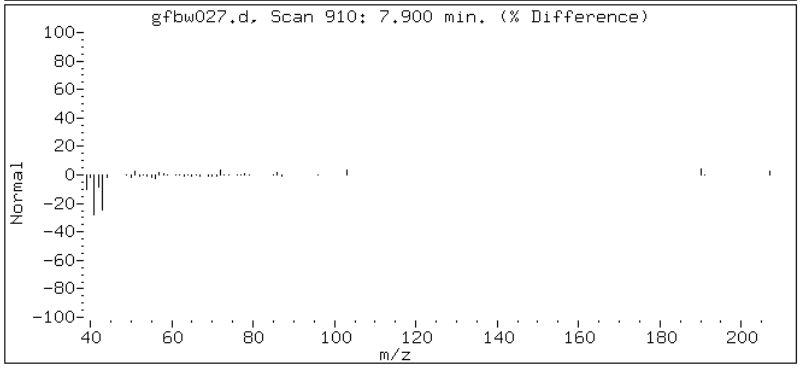












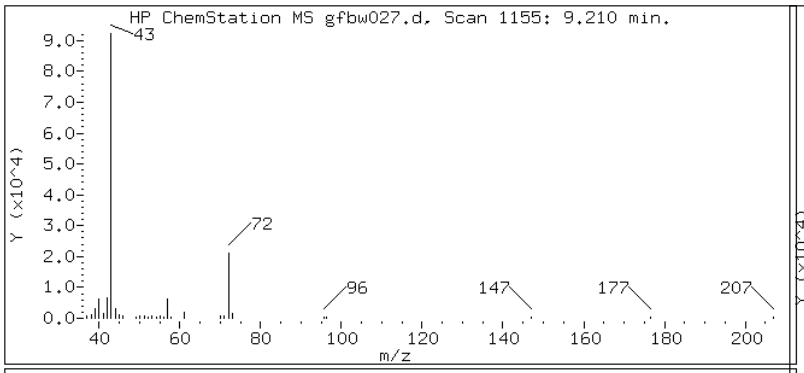
Data File: gfbw027.d

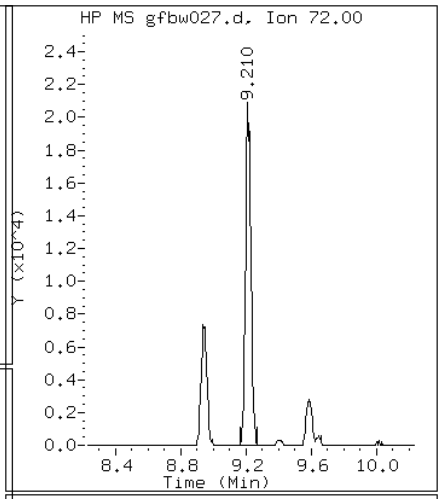
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

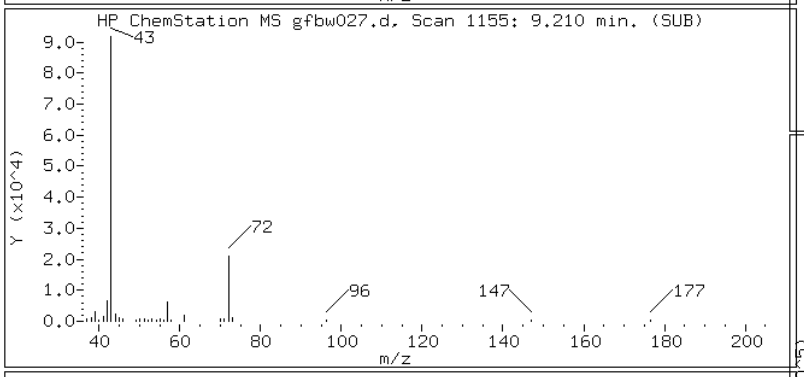
Client ID: CE-VAPOR-1 Instrument: G.i

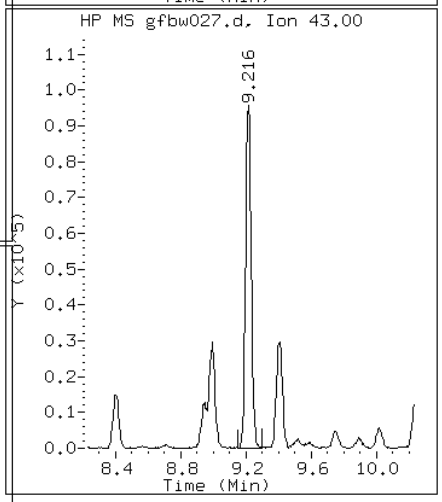
Sample Info: 220-13862-A-2 Operator: njr

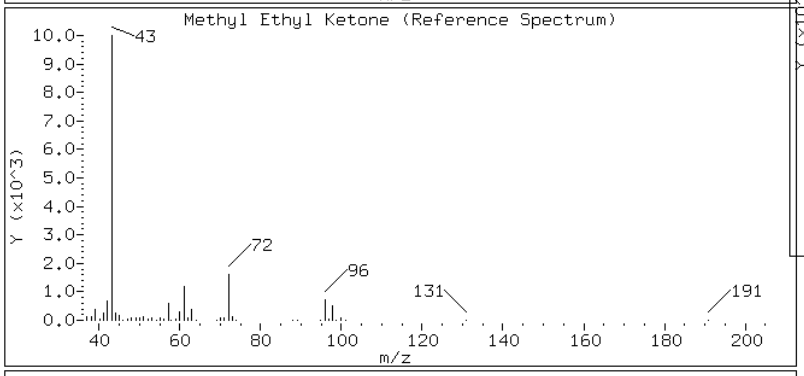
36 Methyl Ethyl Ketone

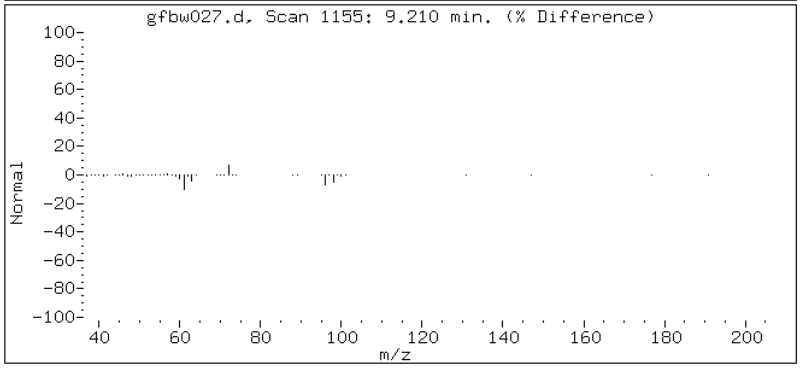












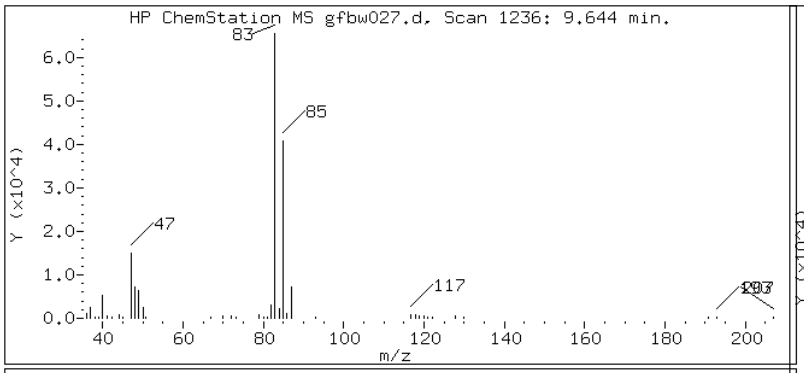
Data File: gfbw027.d

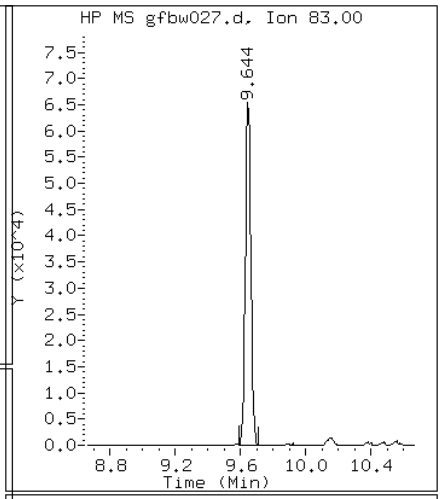
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

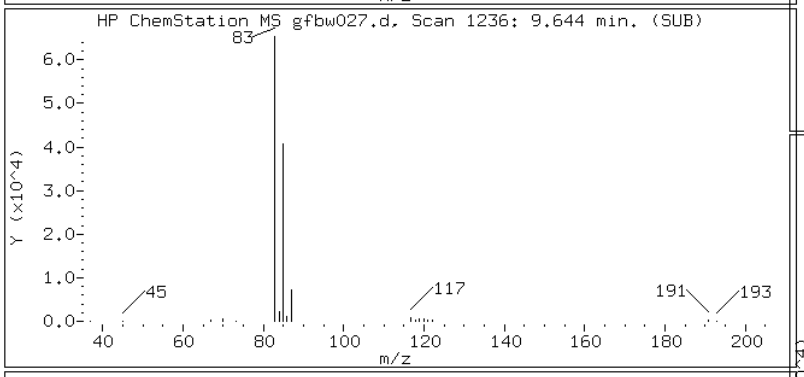
Client ID: CE-VAPOR-1 Instrument: G.i

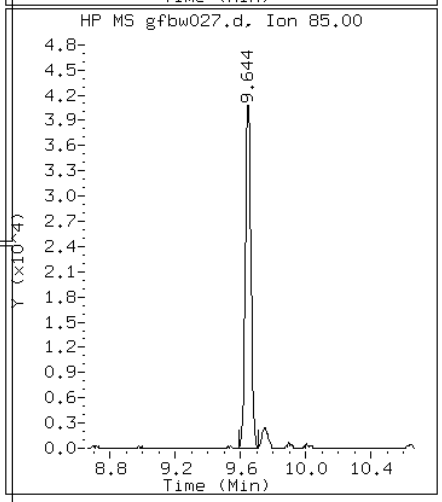
Sample Info: 220-13862-A-2 Operator: njr

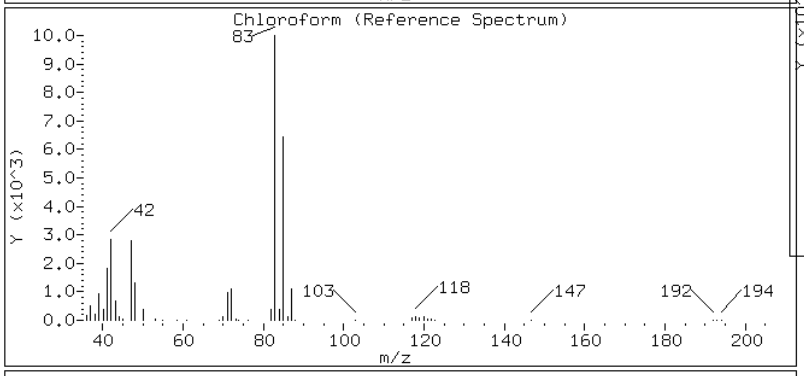
39 Chloroform

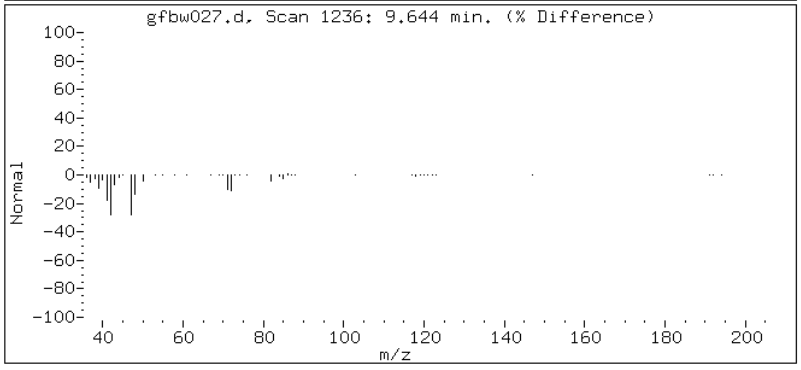












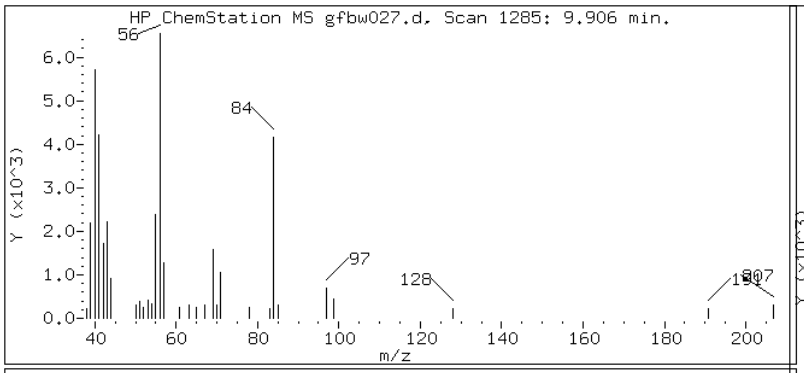
Data File: gfbw027.d

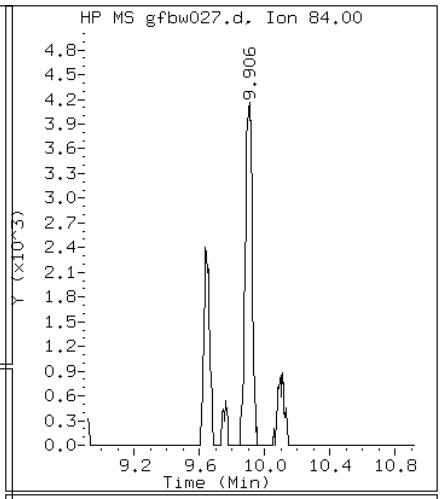
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

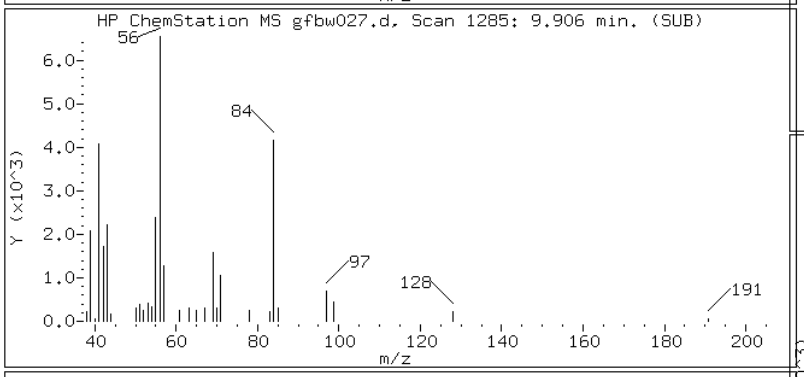
Client ID: CE-VAPOR-1 Instrument: G.i

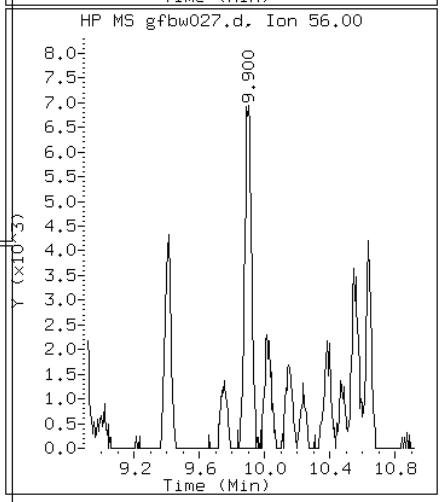
Sample Info: 220-13862-A-2 Operator: njr

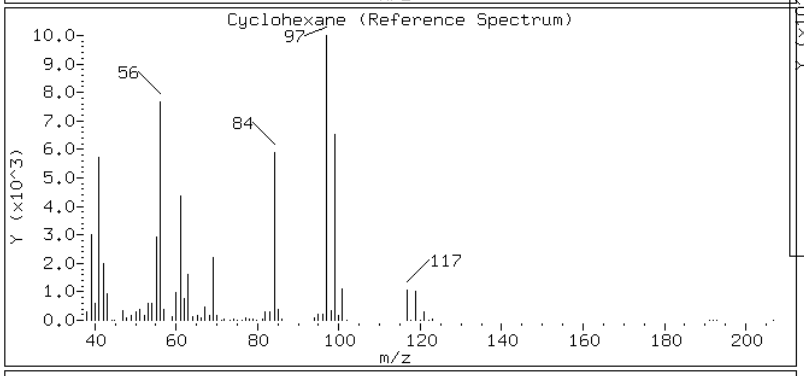
40 Cyclohexane

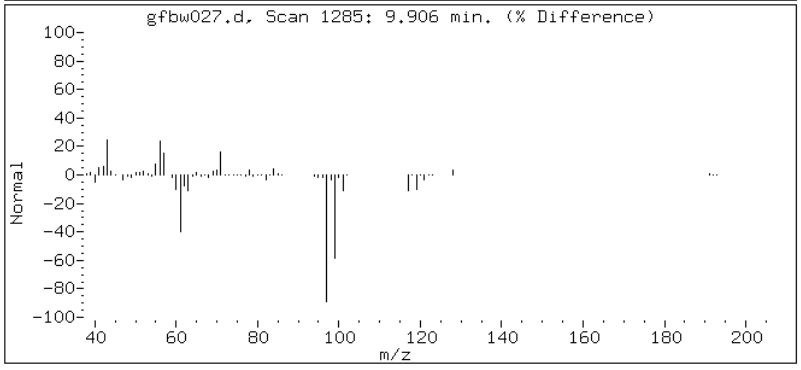












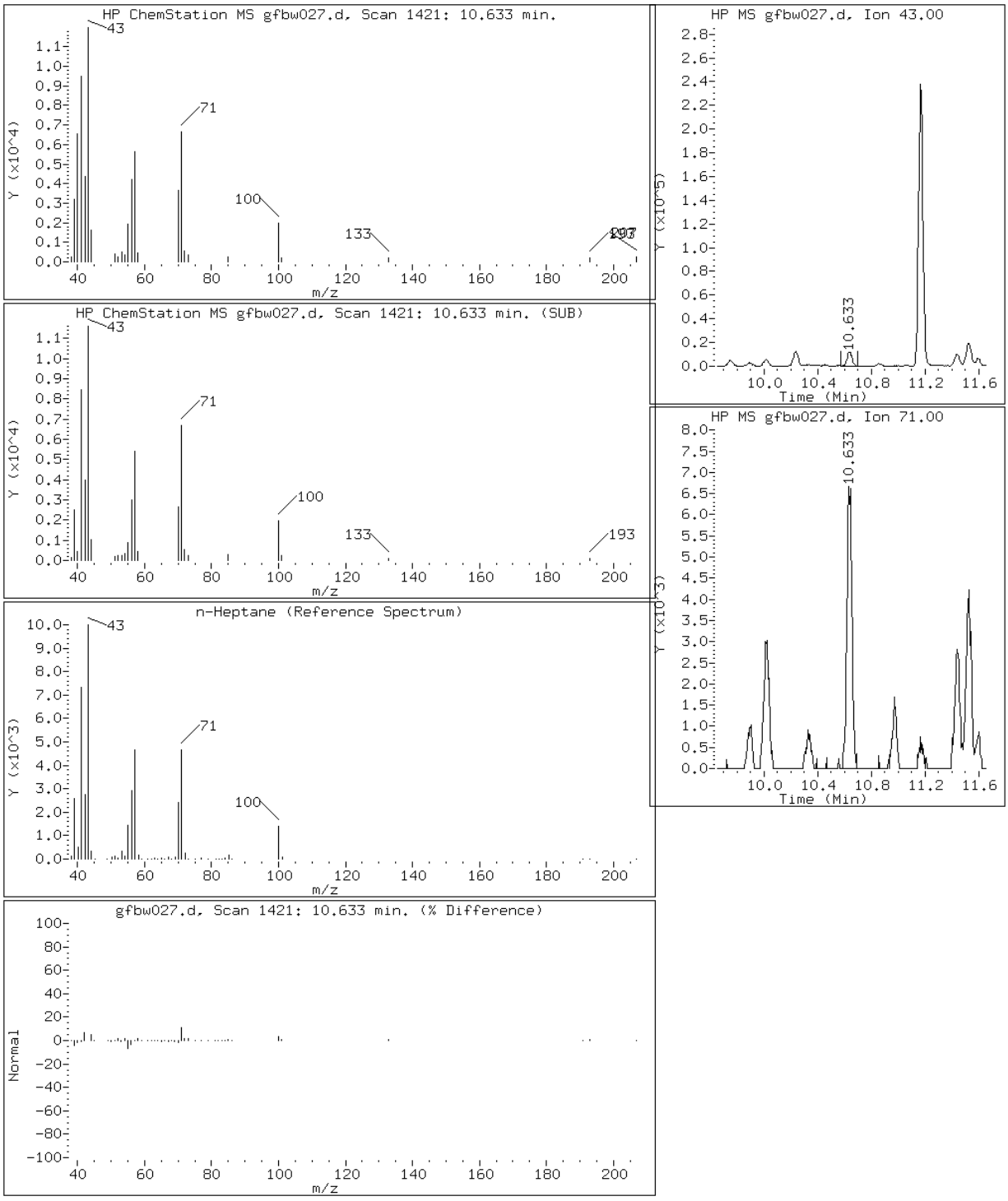
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

46 n-Heptane



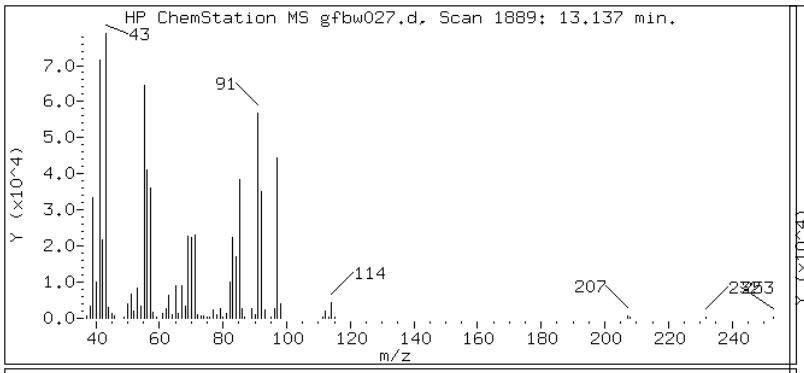
Data File: gfbw027.d

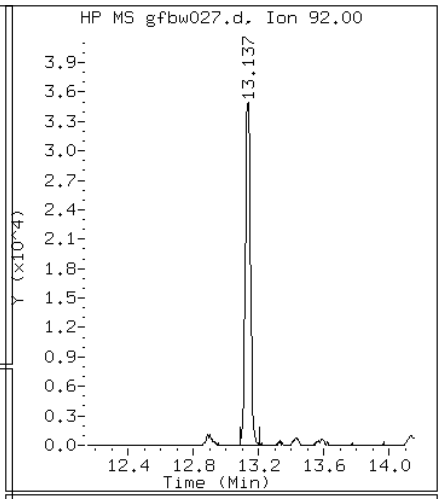
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

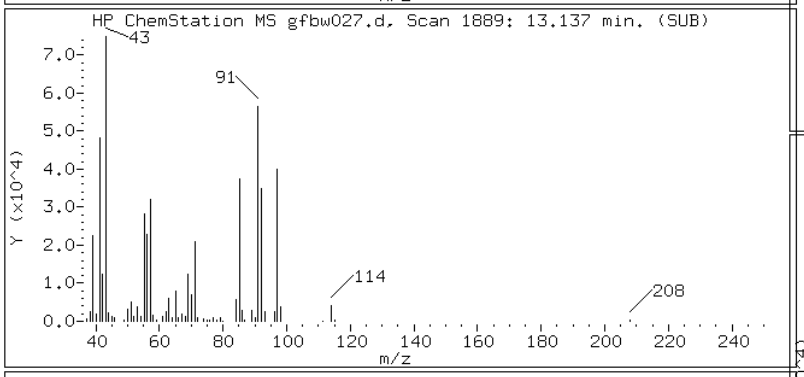
Client ID: CE-VAPOR-1 Instrument: G.i

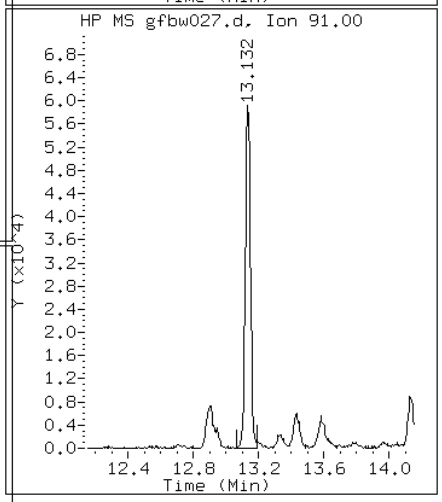
Sample Info: 220-13862-A-2 Operator: njr

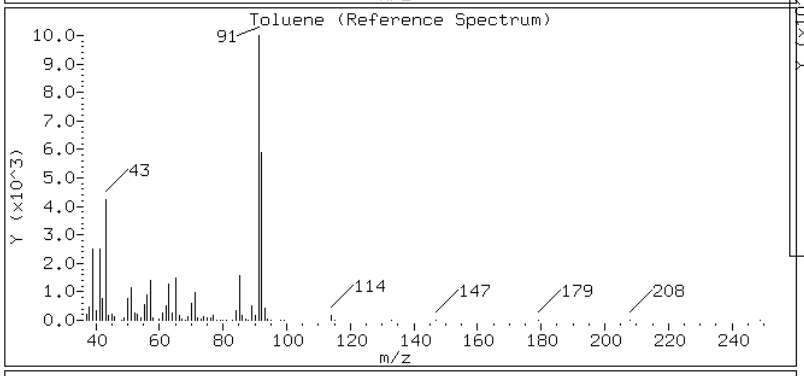
58 Toluene

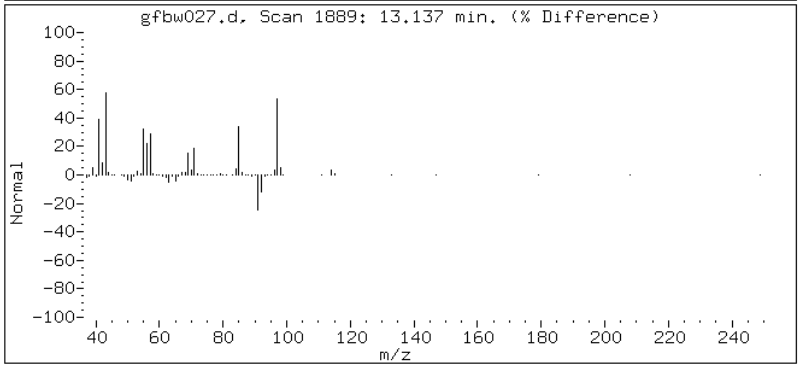












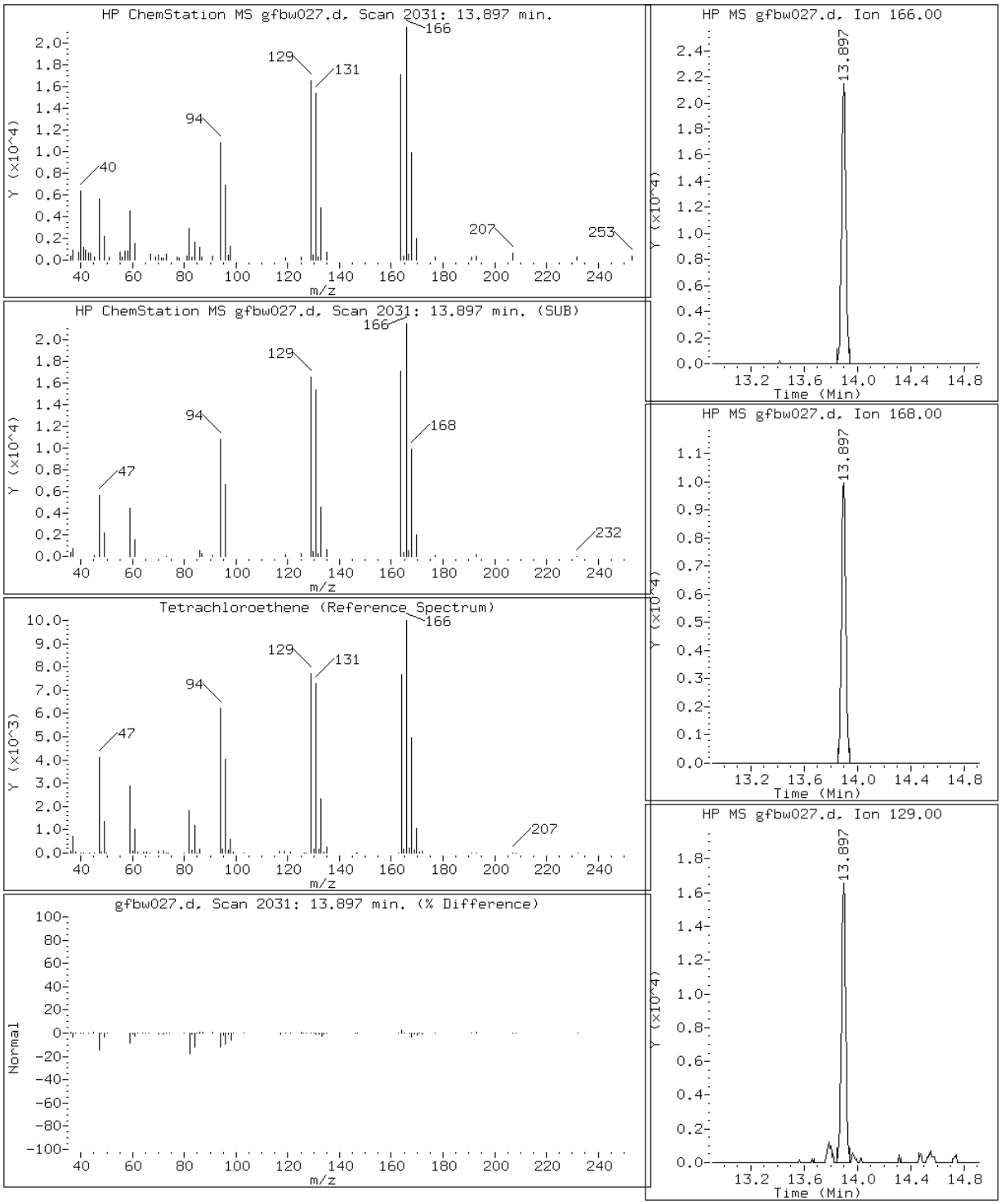
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

61 Tetrachloroethene



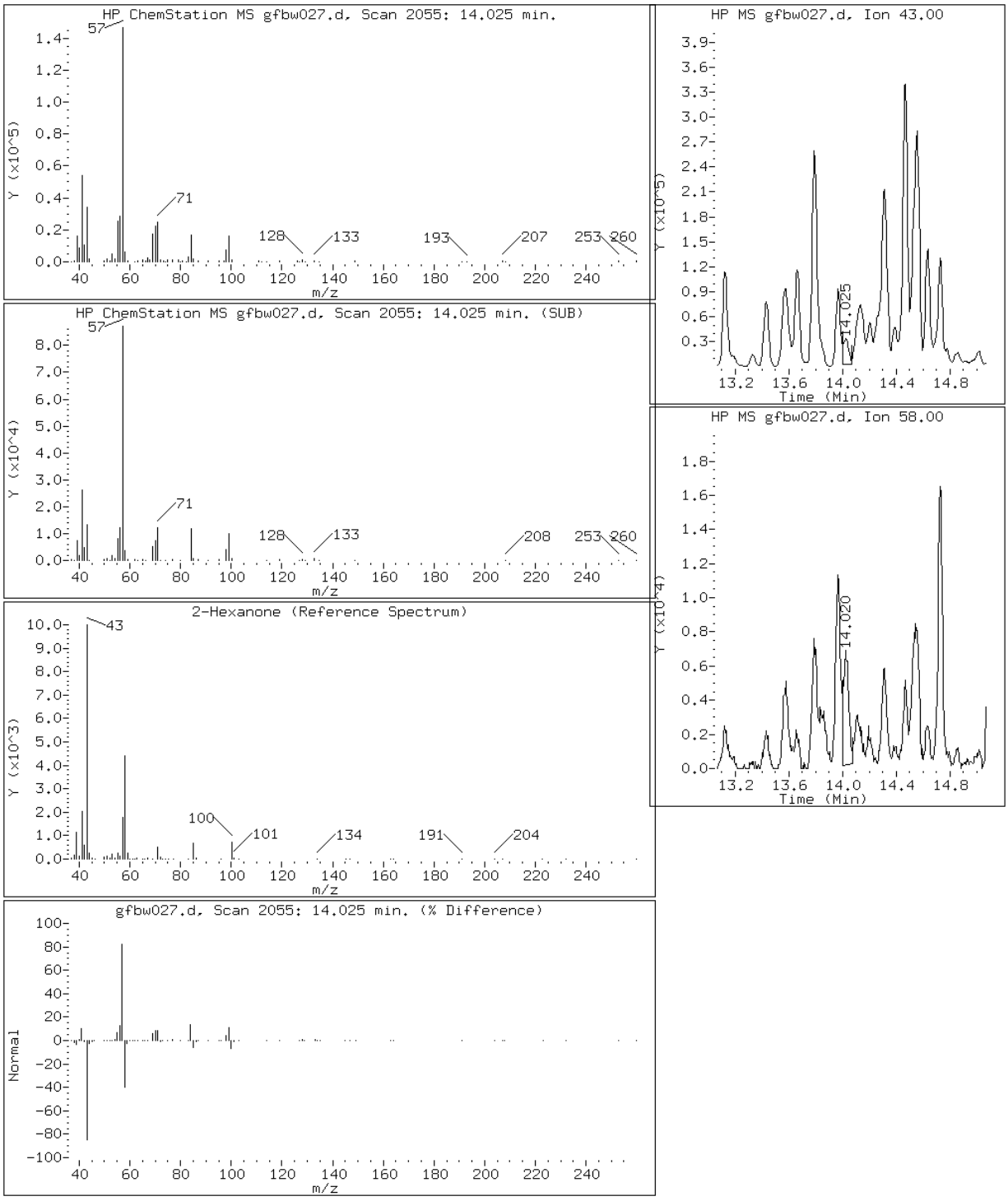
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

62 2-Hexanone



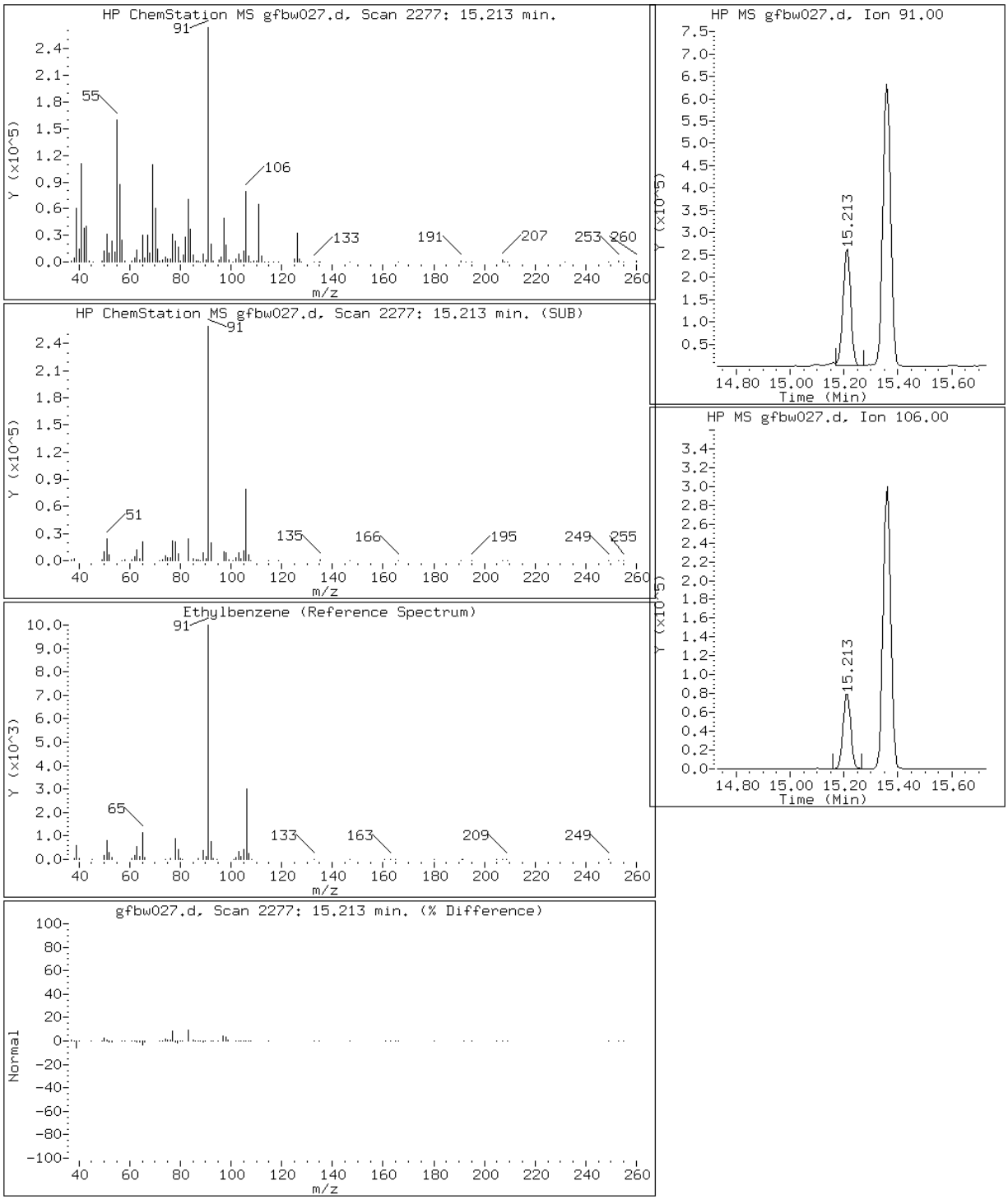
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

68 Ethylbenzene



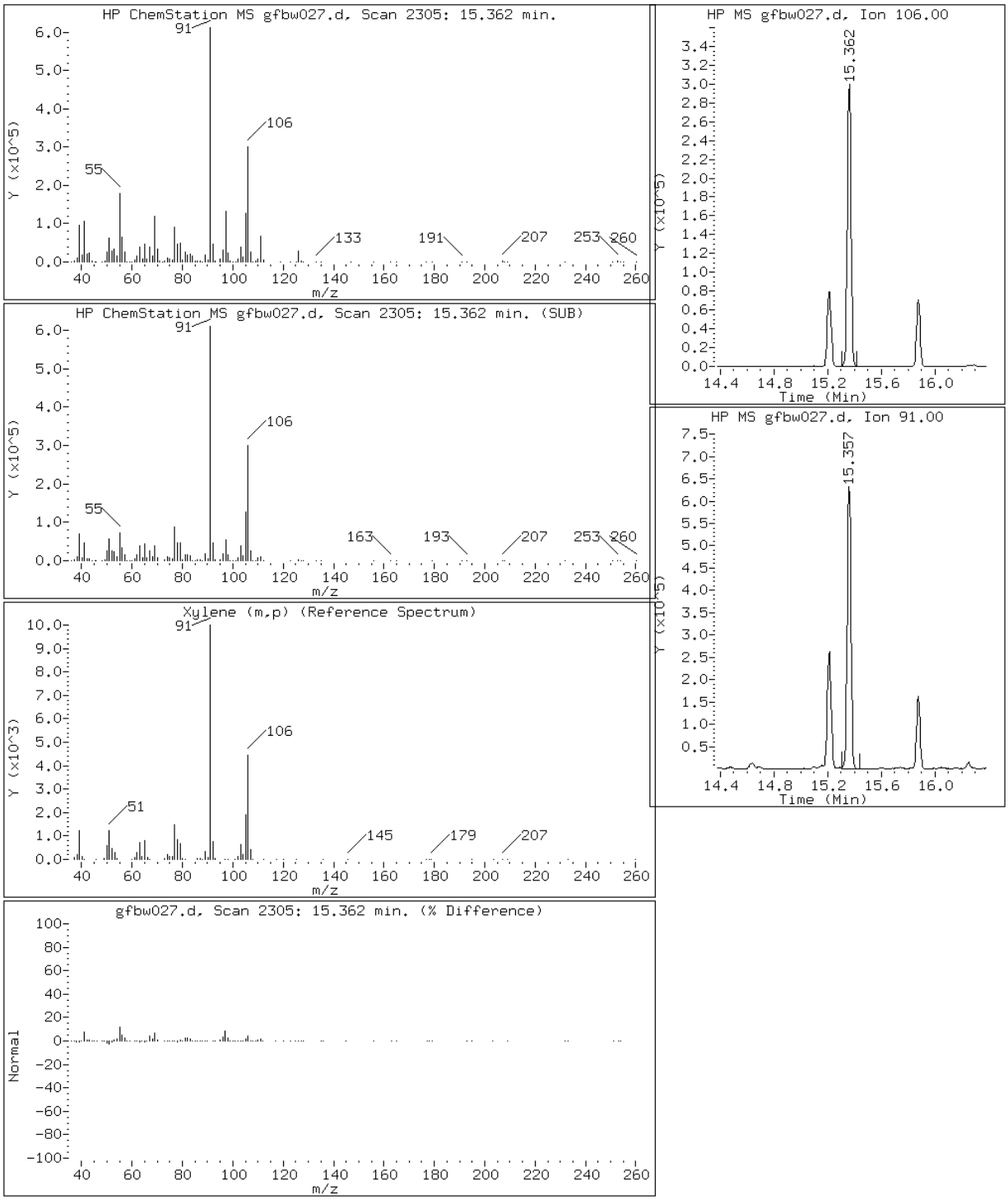
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

69 Xylene (m,p)



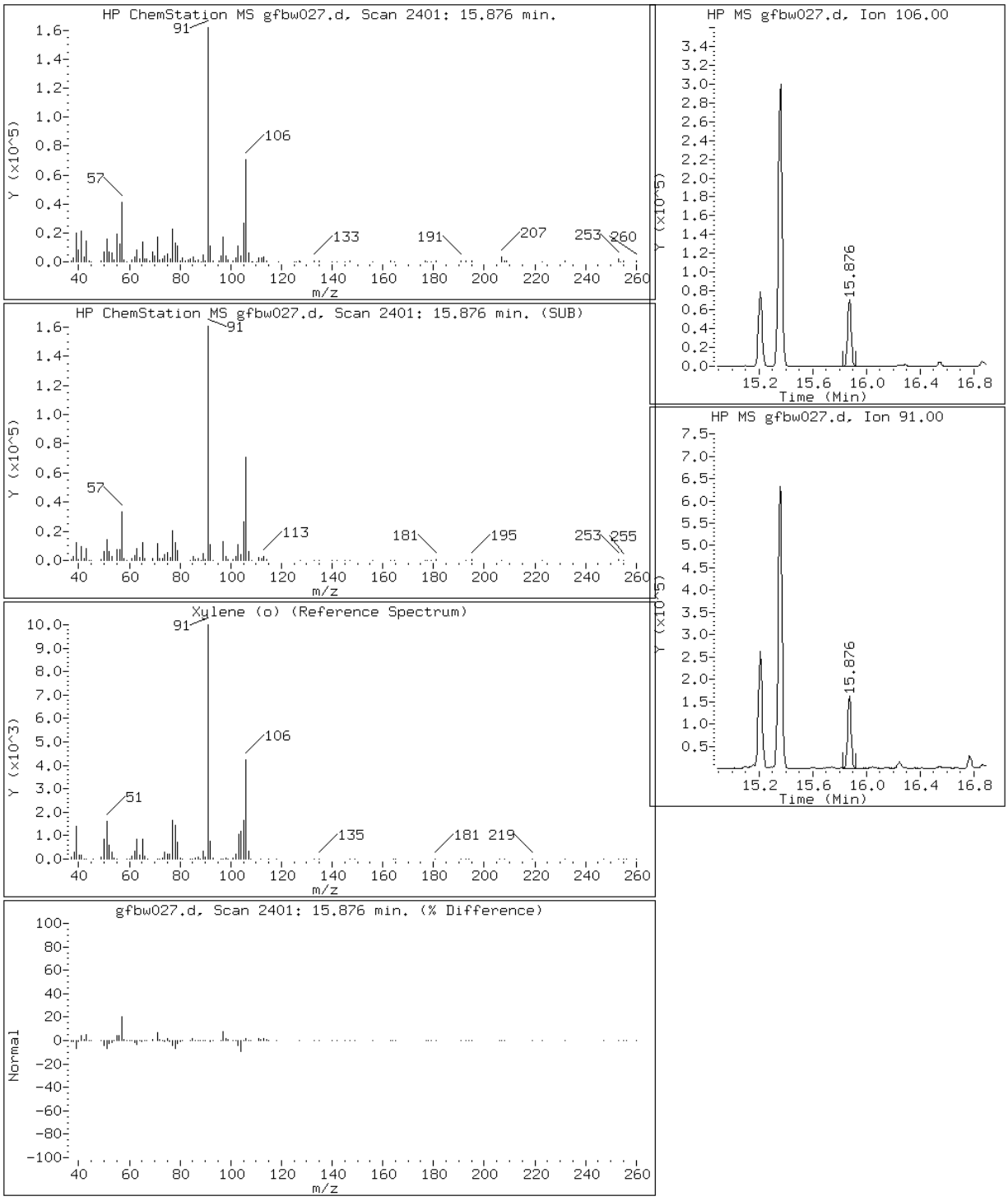
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

71 Xylene (o)



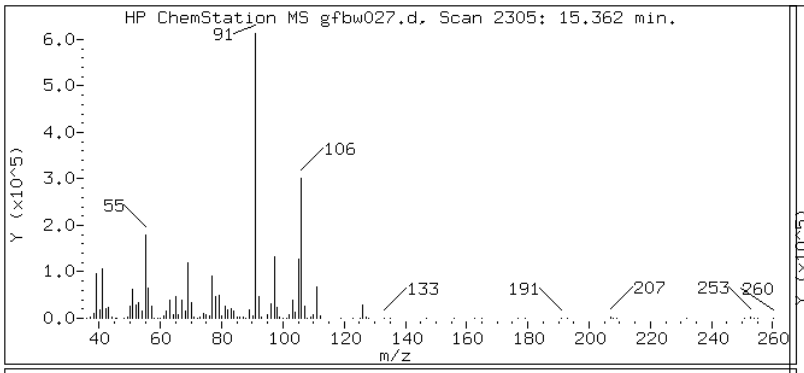
Data File: gfbw027.d

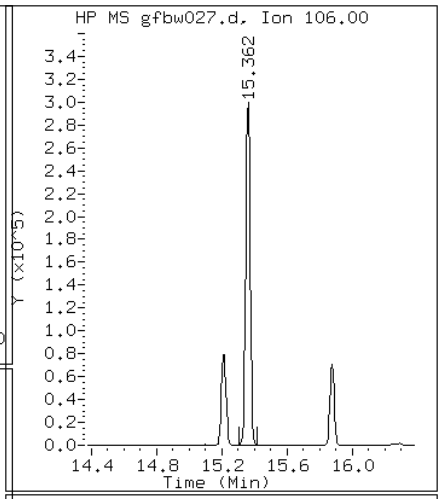
Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

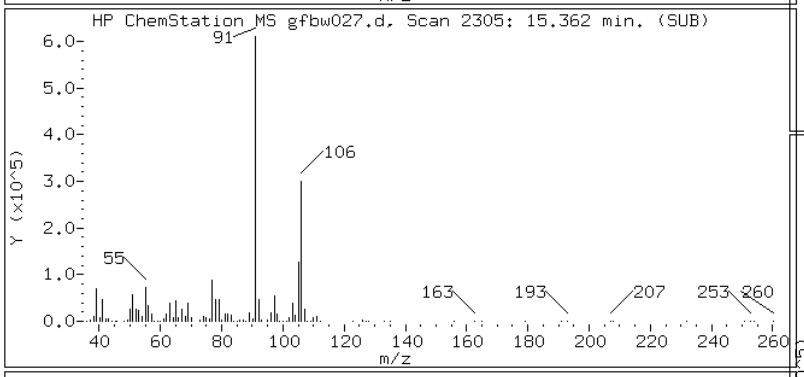
Client ID: CE-VAPOR-1 Instrument: G.i

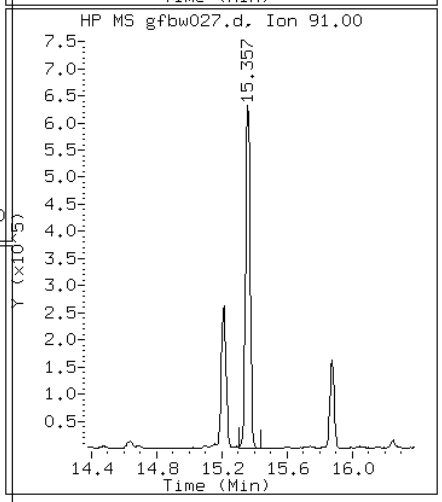
Sample Info: 220-13862-A-2 Operator: njr

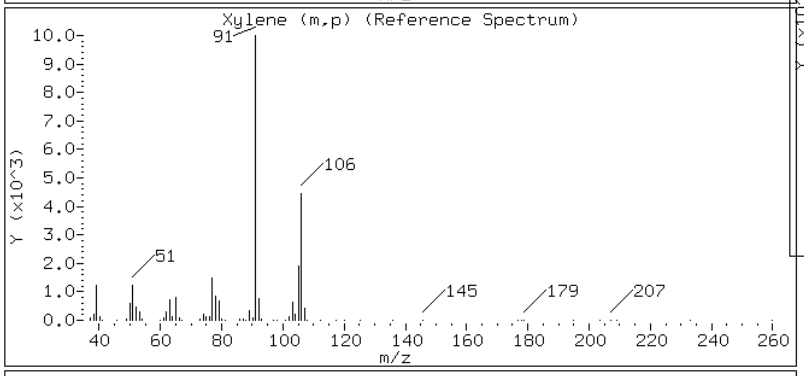
69 Xylene (m,p)

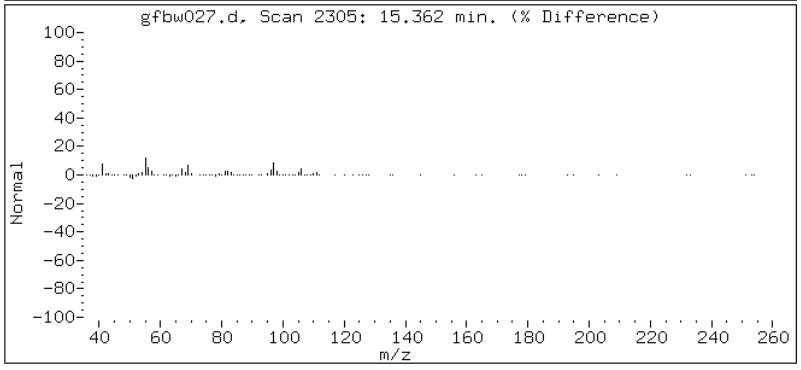












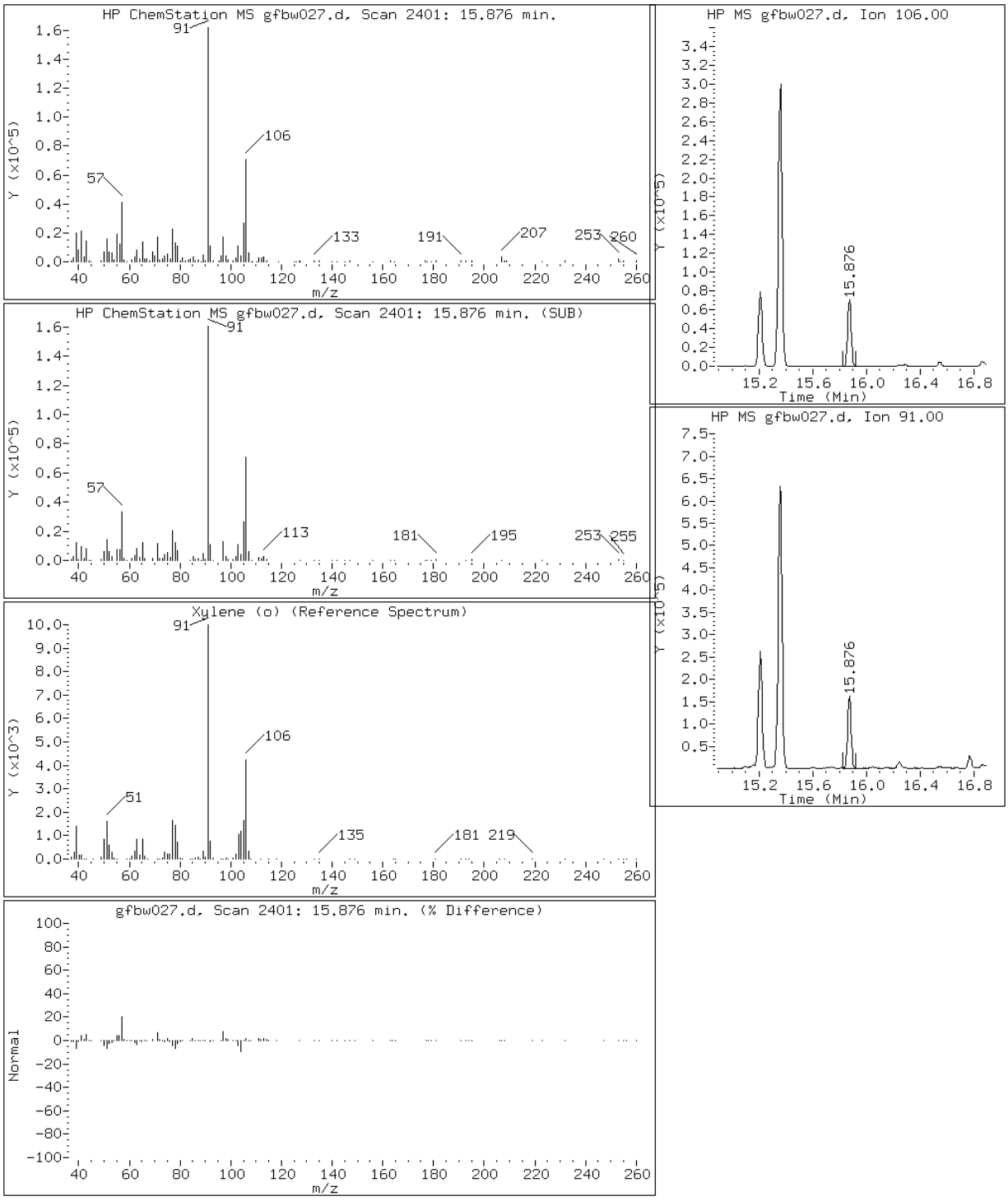
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

71 Xylene (o)



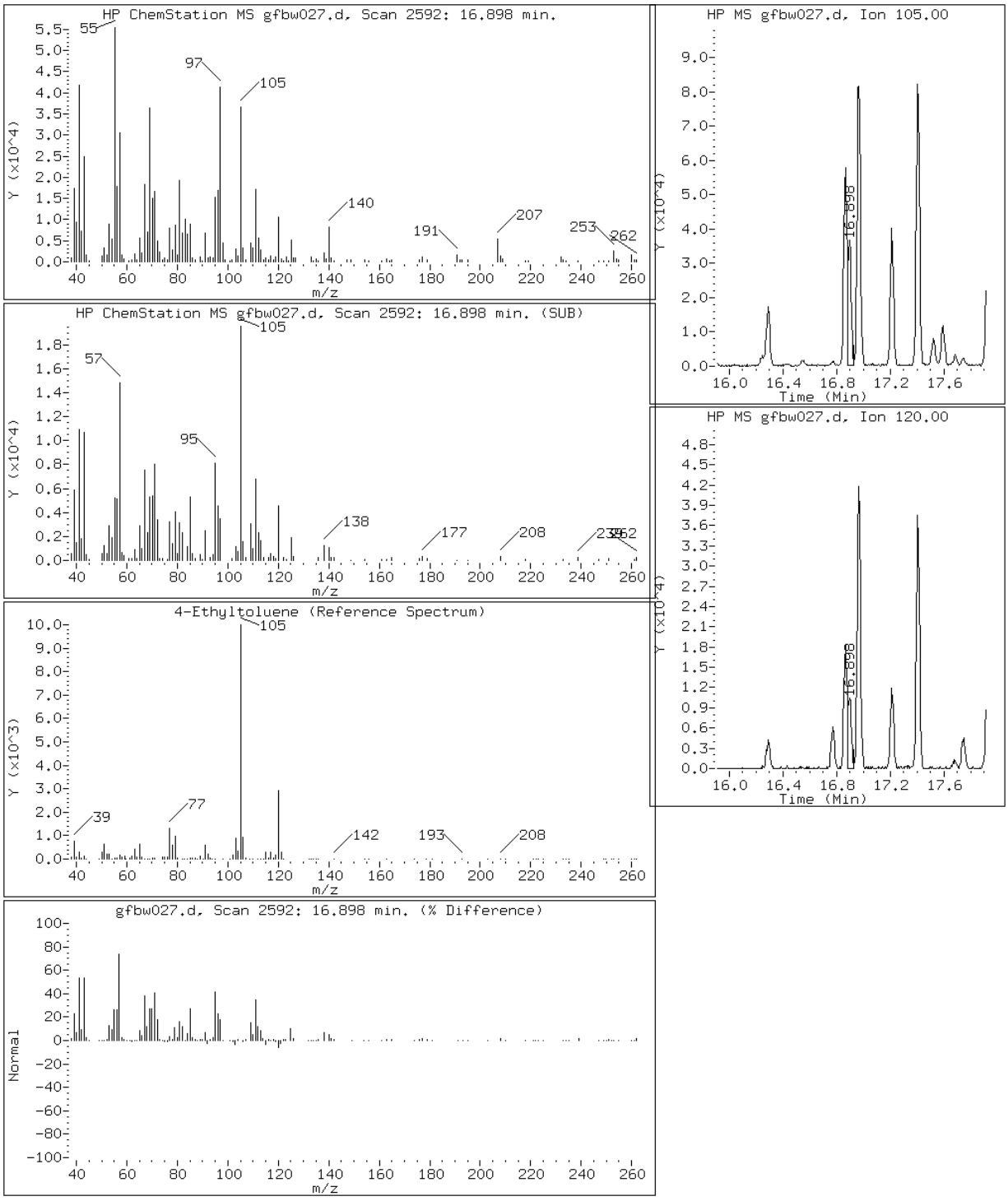
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

79 4-Ethyltoluene



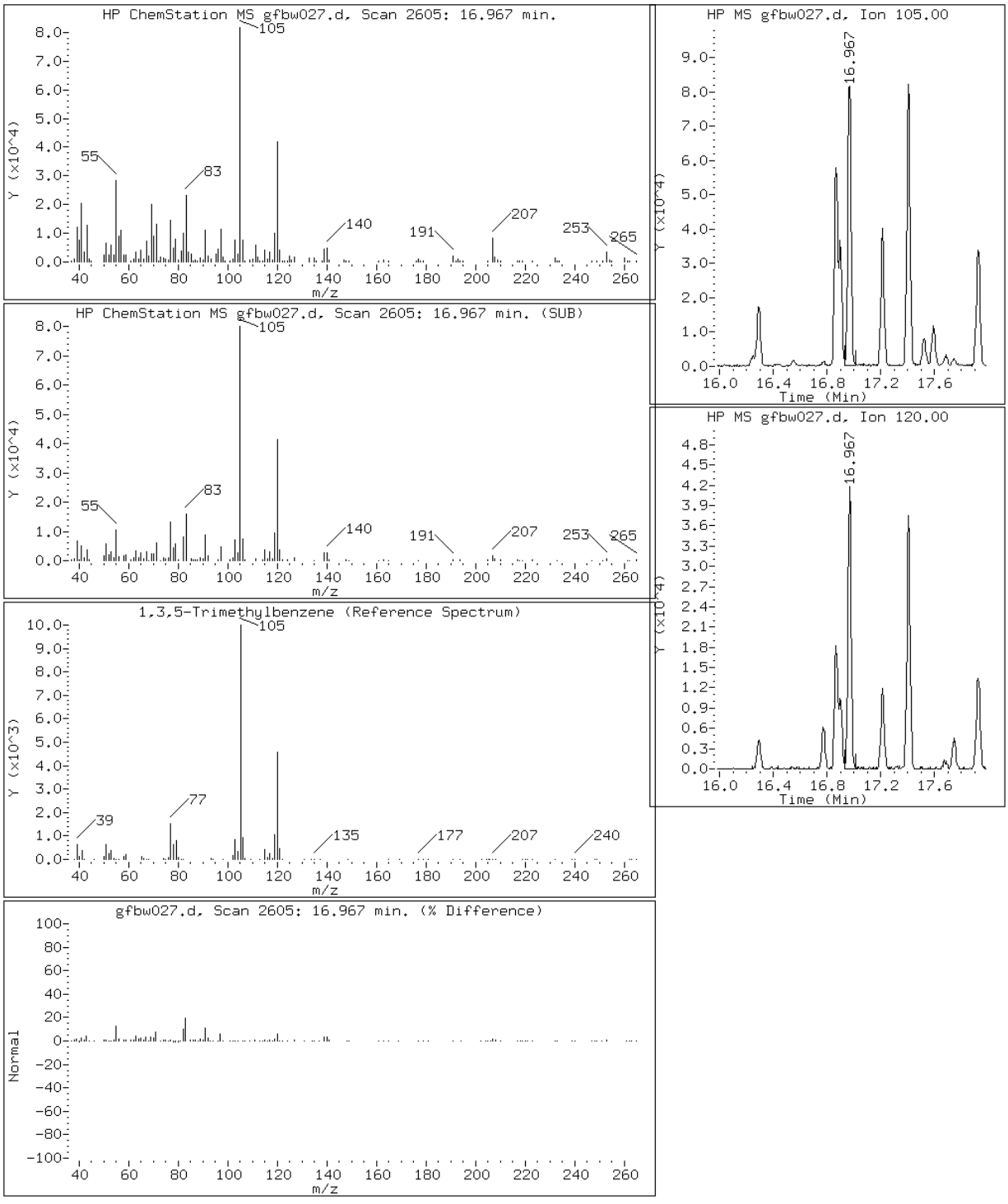
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

81 1,3,5-Trimethylbenzene



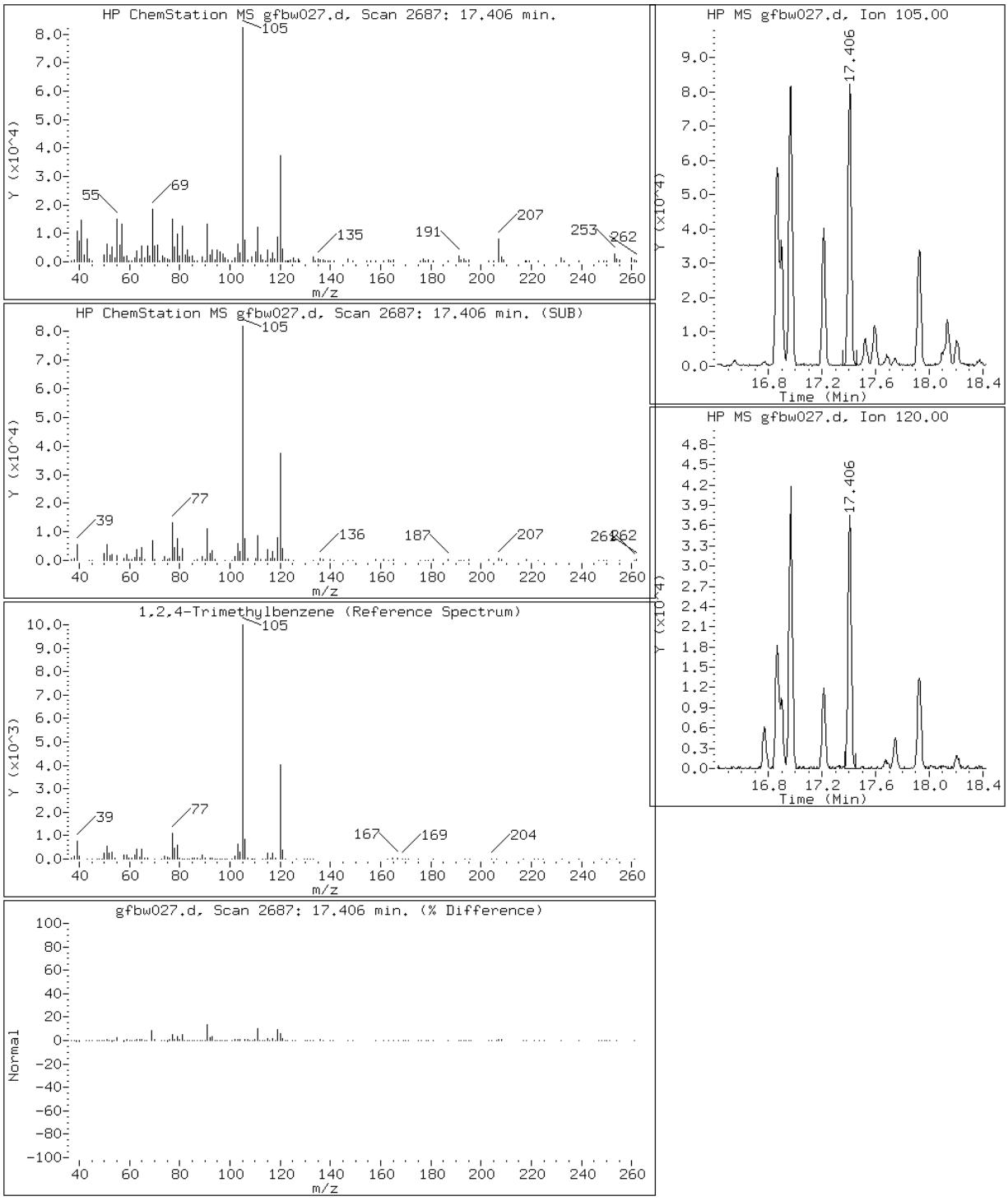
Data File: gfbw027.d

Lab Sample ID: 220-13862-2 Date: 06-NOV-2010 11:17

Client ID: CE-VAPOR-1 Instrument: G.i

Sample Info: 220-13862-A-2 Operator: njr

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw027.d
Lab Sample ID: 220-13862-2
Inj. Date and Time: 06-NOV-2010 11:17
Instrument ID: G.i
Client ID: CE-VAPOR-1
Compound: 42 Carbon tetrachloride
CAS #: 56-23-5
Report Date: 11/06/2010

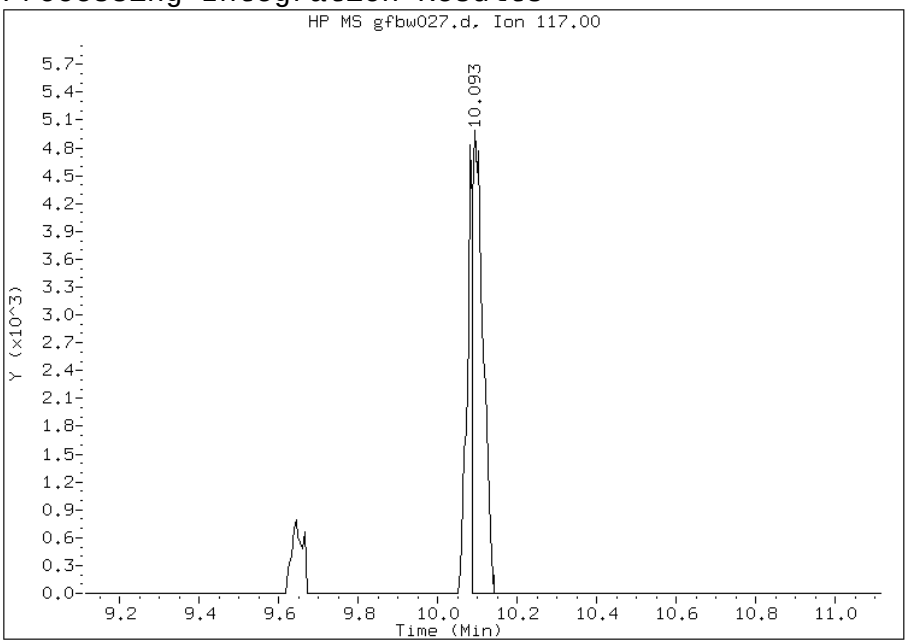
Processing Integration Results

RT: 10.09

Response: 9446

Amount: 0.063959

Conc: 0.063959



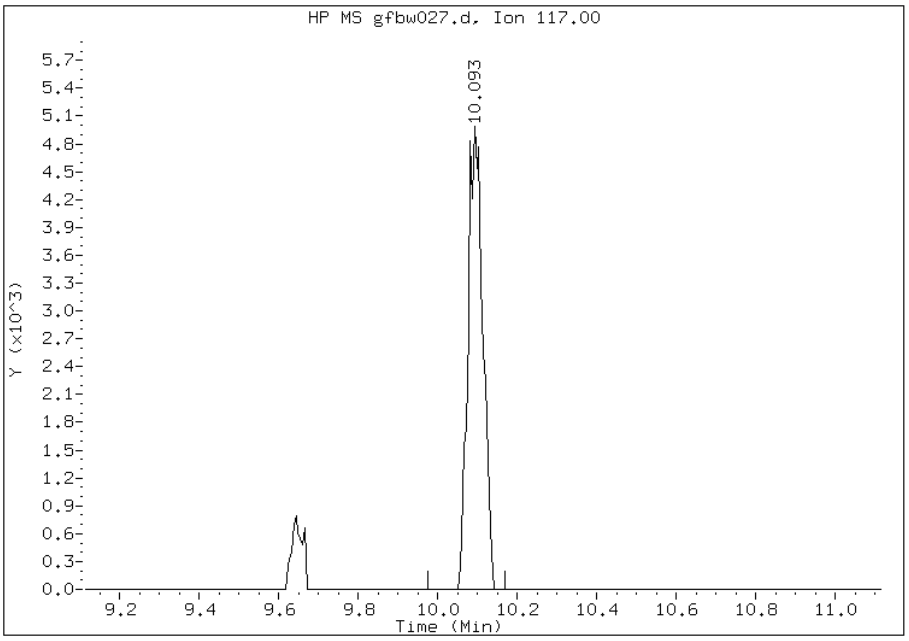
Manual Integration Results

RT: 10.09

Response: 13203

Amount: 0.089398

Conc: 0.089398



File Uploaded By: njr
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw027.d
Lab Sample ID: 220-13862-2
Inj. Date and Time: 06-NOV-2010 11:17
Instrument ID: G.i
Client ID: CE-VAPOR-1
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

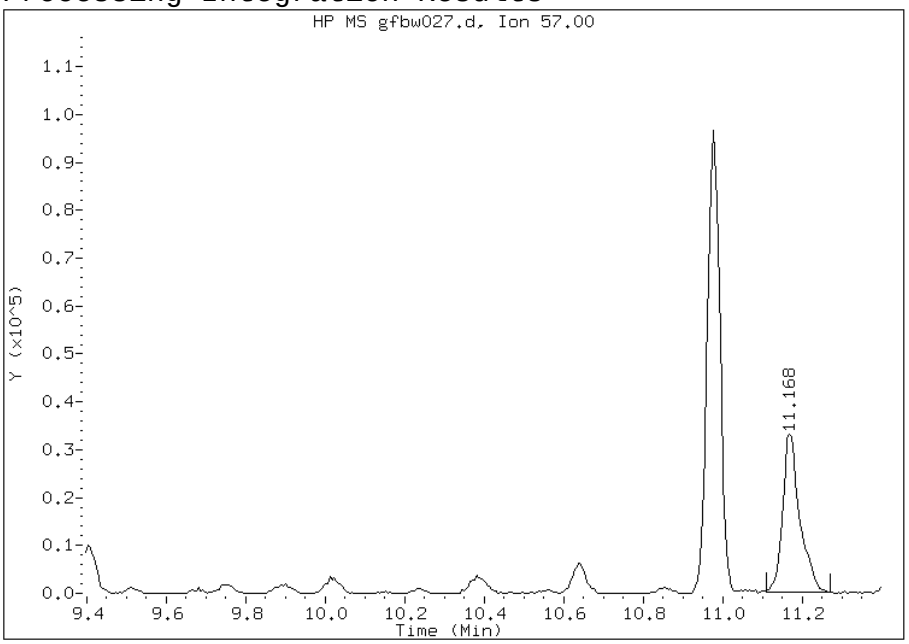
Processing Integration Results

RT: 11.17

Response: 100301

Amount: 0.541241

Conc: 0.541241



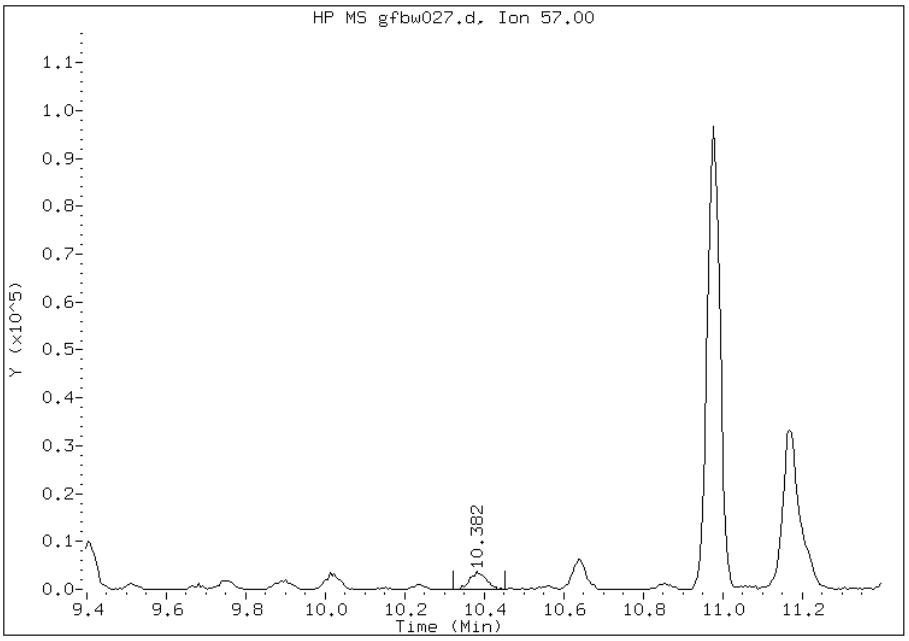
Manual Integration Results

RT: 10.38

Response: 10188

Amount: 0.054976

Conc: 0.054976



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.2		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.22		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.64		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.23		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.25		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.52		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	1.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	1.5		0.20	0.014
179601-23-1	m,p-Xylene	106.17	3.7		0.50	0.023
95-47-6	Xylene, o-	106.17	1.1		0.20	0.050
1330-20-7	Xylene (total)	106.17	4.8		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.37		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.27		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.79		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.9		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	1.1		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.79		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	2.1		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-2 Lab Sample ID: 220-13862-3

Matrix: Air Lab File ID: gfbw015.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 00:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	4.1		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	6.3		0.87	0.061
179601-23-1	m,p-Xylene	106.17	16		2.2	0.10
95-47-6	Xylene, o-	106.17	4.6		0.87	0.22
1330-20-7	Xylene (total)	106.17	21		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	1.8		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-3
Client Smp ID: CE-VAPOR-2
Inj Date : 06-NOV-2010 00:58
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-3
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	73428	0.47898	0.48(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	13921	0.50237	0.50
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	1299	0.05645	0.056(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.177	5.187	(0.541)	41382	0.25669	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	8733	0.08822	0.088(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	307781	5.19339	5.2
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

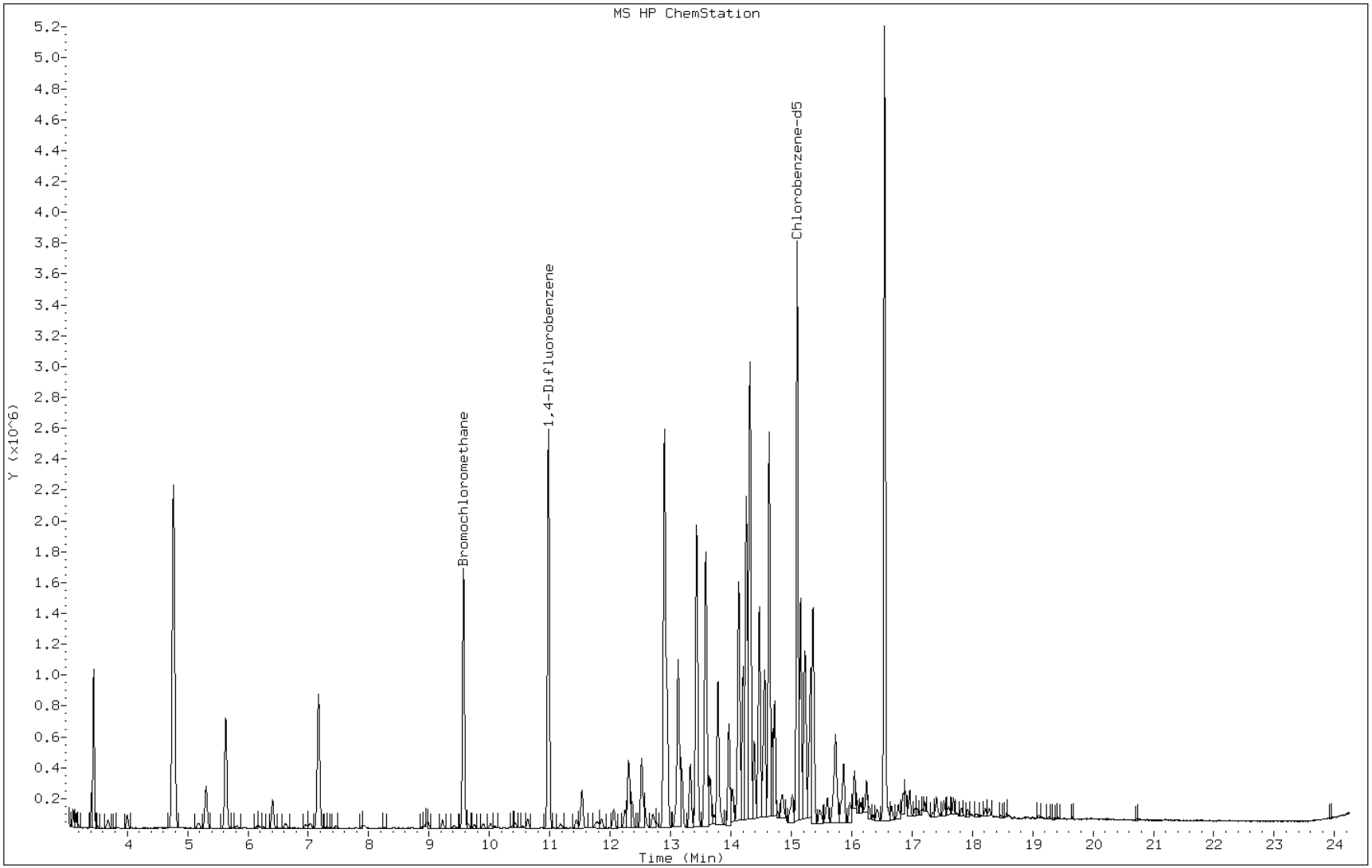
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	13029	0.22489	0.22
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	11221	0.63809	0.64(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	547911	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.644	9.665	(1.007)	25986	0.23070	0.23
	40 Cyclohexane	84	9.900	9.916	(0.902)	9558	0.17214	0.17(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	13658	0.09417	0.094(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	18819	0.10341	0.10(a)
	44 Benzene	78	10.430	10.451	(0.950)	33648	0.24762	0.25
	45 1,2-Dichloroethane	62	10.532	10.558	(0.959)	3677	0.04693	0.047(aQM)
	46 n-Heptane	43	10.639	10.655	(0.969)	34338	0.52085	0.52
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2580421	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.132	13.153	(0.870)	104749	1.08499	1.1
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.902	13.913	(0.921)	7919	0.07398	0.074(a)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2447561	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.207	15.229	(1.007)	317518	1.45368	1.5
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	305665	3.68527	3.7
M	70 Xylenes, Total	106				394585	4.75498	4.8
	71 Xylene (o)	106	15.876	15.892	(1.052)	88920	1.06971	1.1
	72 Styrene	104	15.897	15.919	(1.053)	18854	0.15304	0.15(aQ)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	20986	0.08335	0.083(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	79305	0.36729	0.37
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	57136	0.26734	0.27
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gfbw015.d	Date:	06-NOV-2010 00:58
Client ID:	CE-VAPOR-2	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-3		
Lab Sample ID:	220-13862-3		



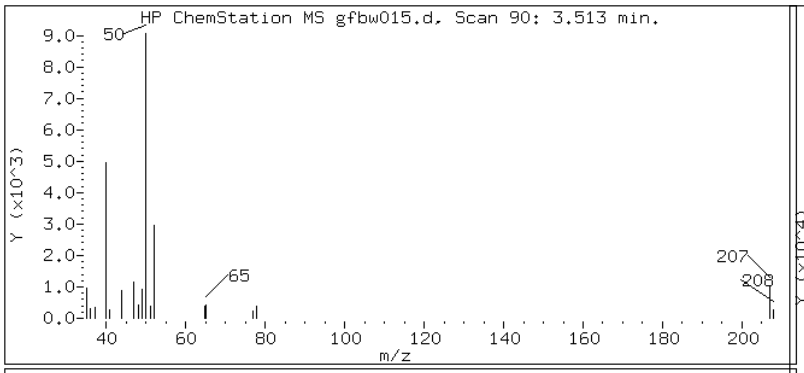
Data File: gfbw015.d

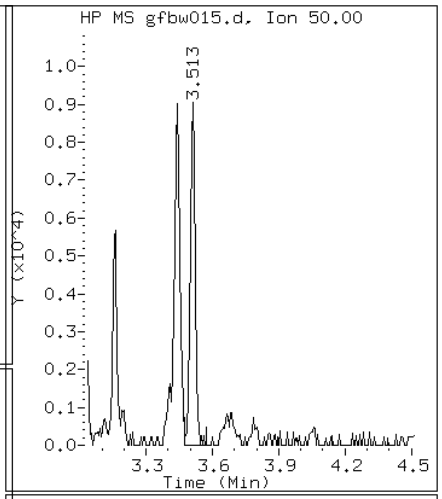
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

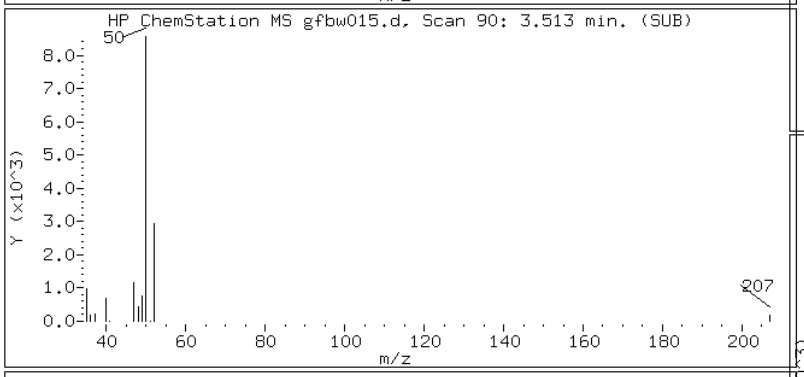
Client ID: CE-VAPOR-2 Instrument: G.i

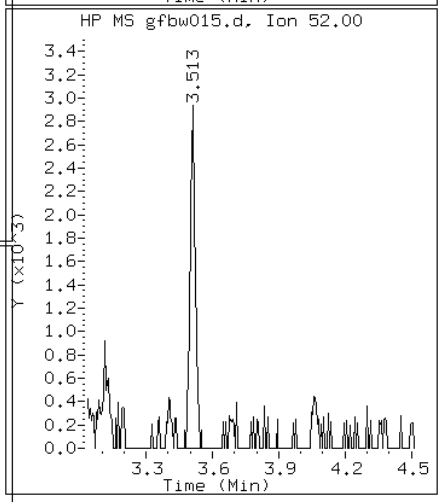
Sample Info: 220-13862-A-3 Operator: wrd

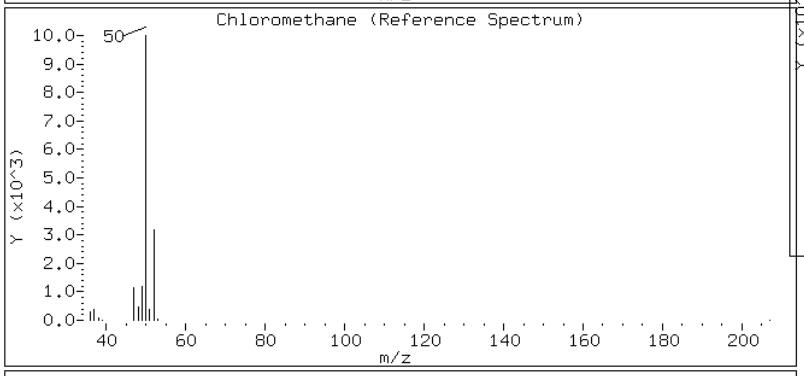
5 Chloromethane

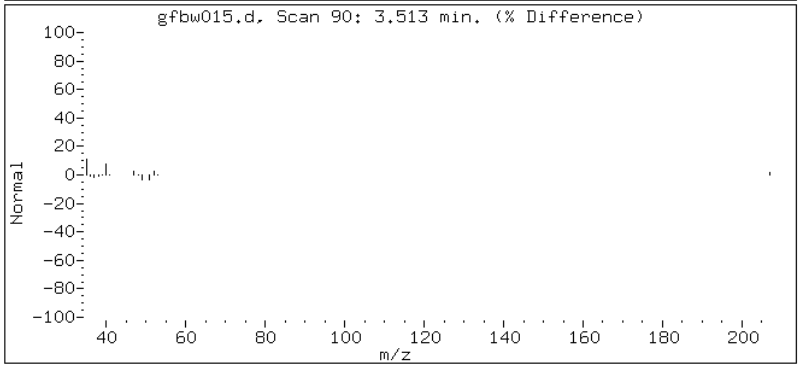












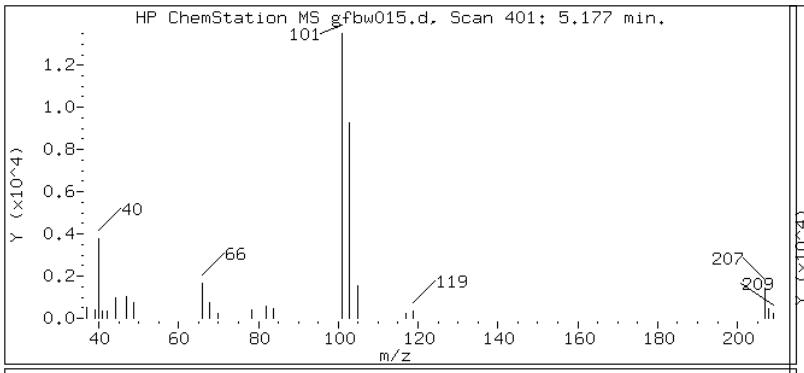
Data File: gfbw015.d

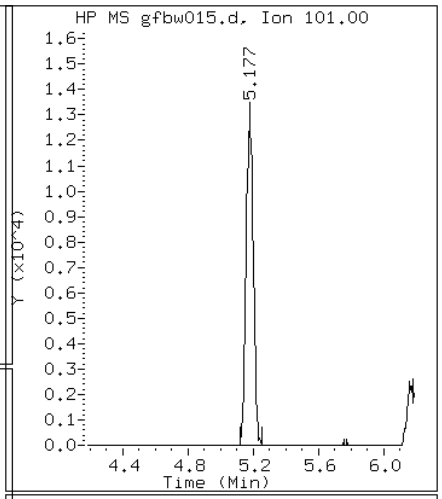
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

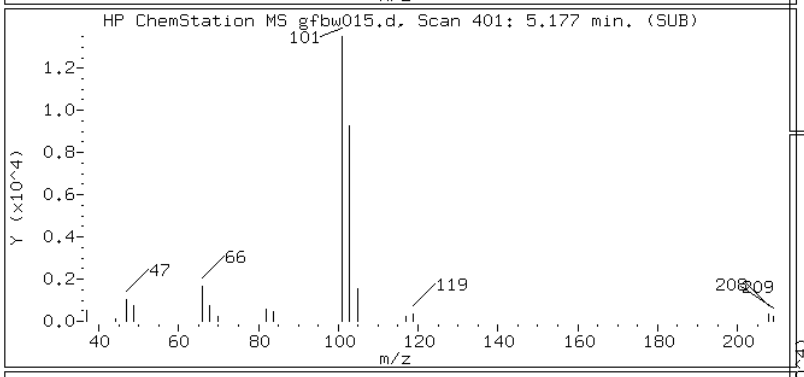
Client ID: CE-VAPOR-2 Instrument: G.i

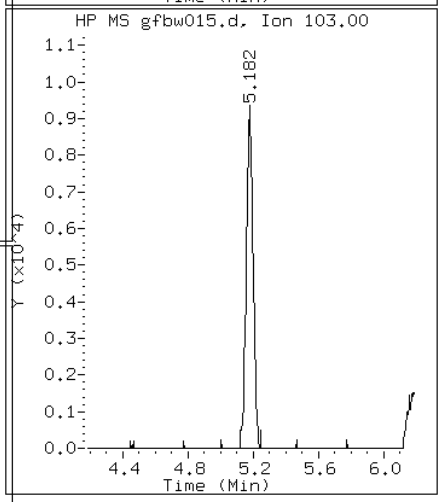
Sample Info: 220-13862-A-3 Operator: wrd

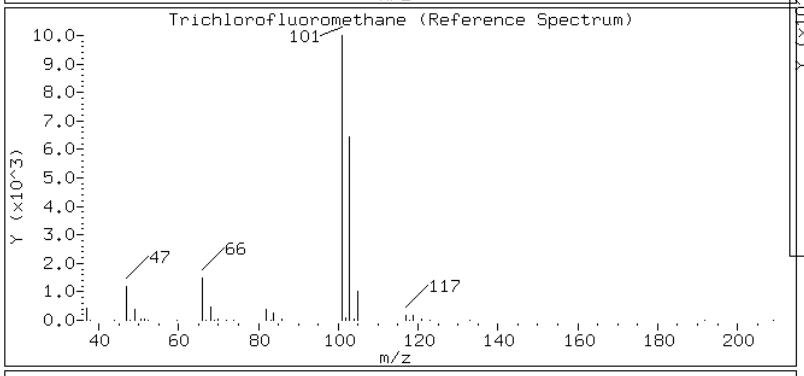
13 Trichlorofluoromethane

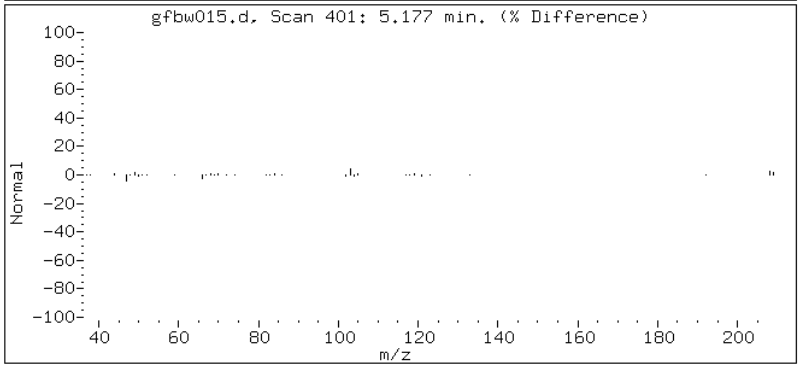












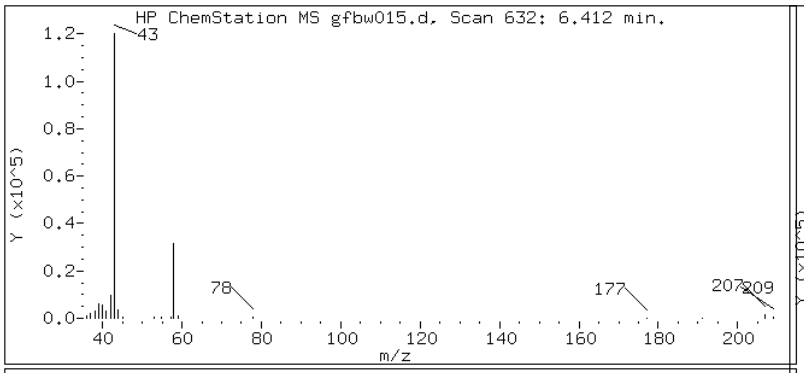
Data File: gfbw015.d

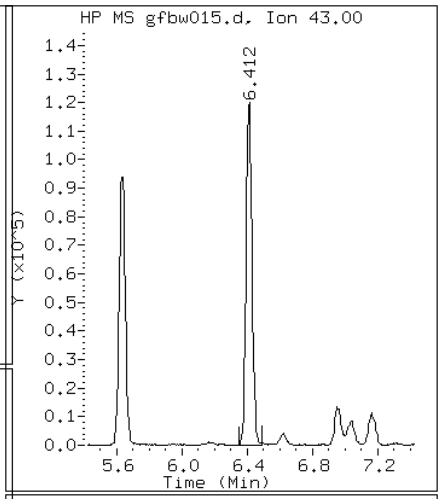
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

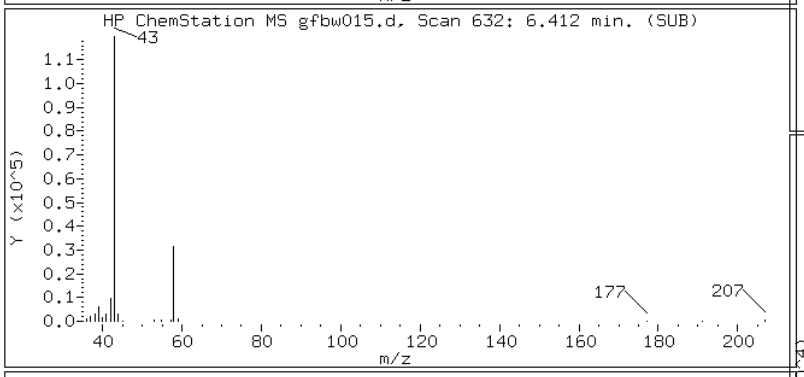
Client ID: CE-VAPOR-2 Instrument: G.i

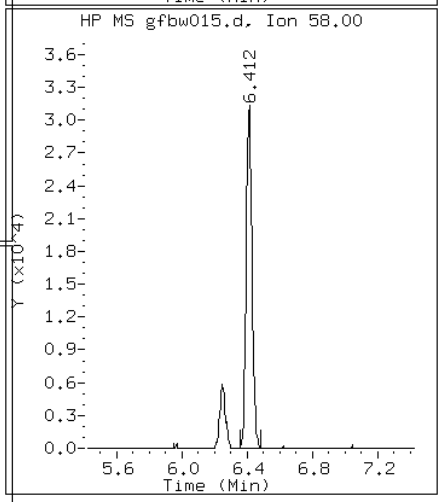
Sample Info: 220-13862-A-3 Operator: wrd

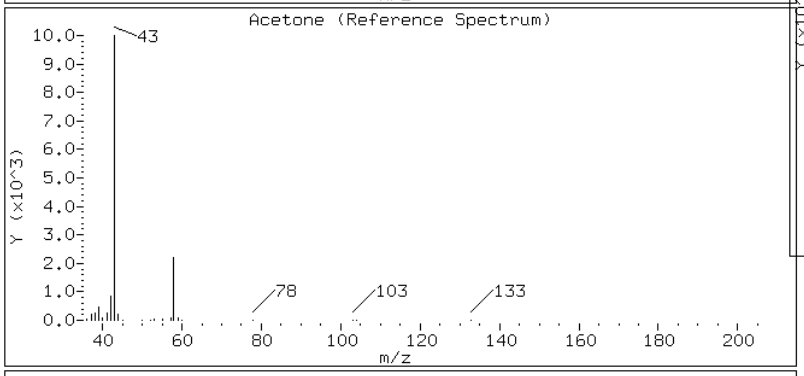
20 Acetone

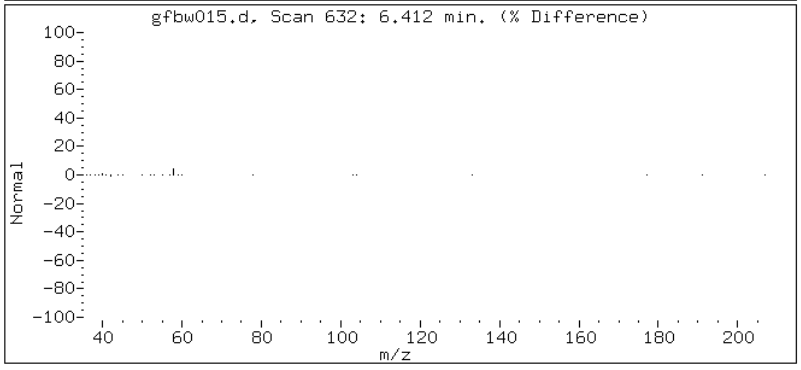












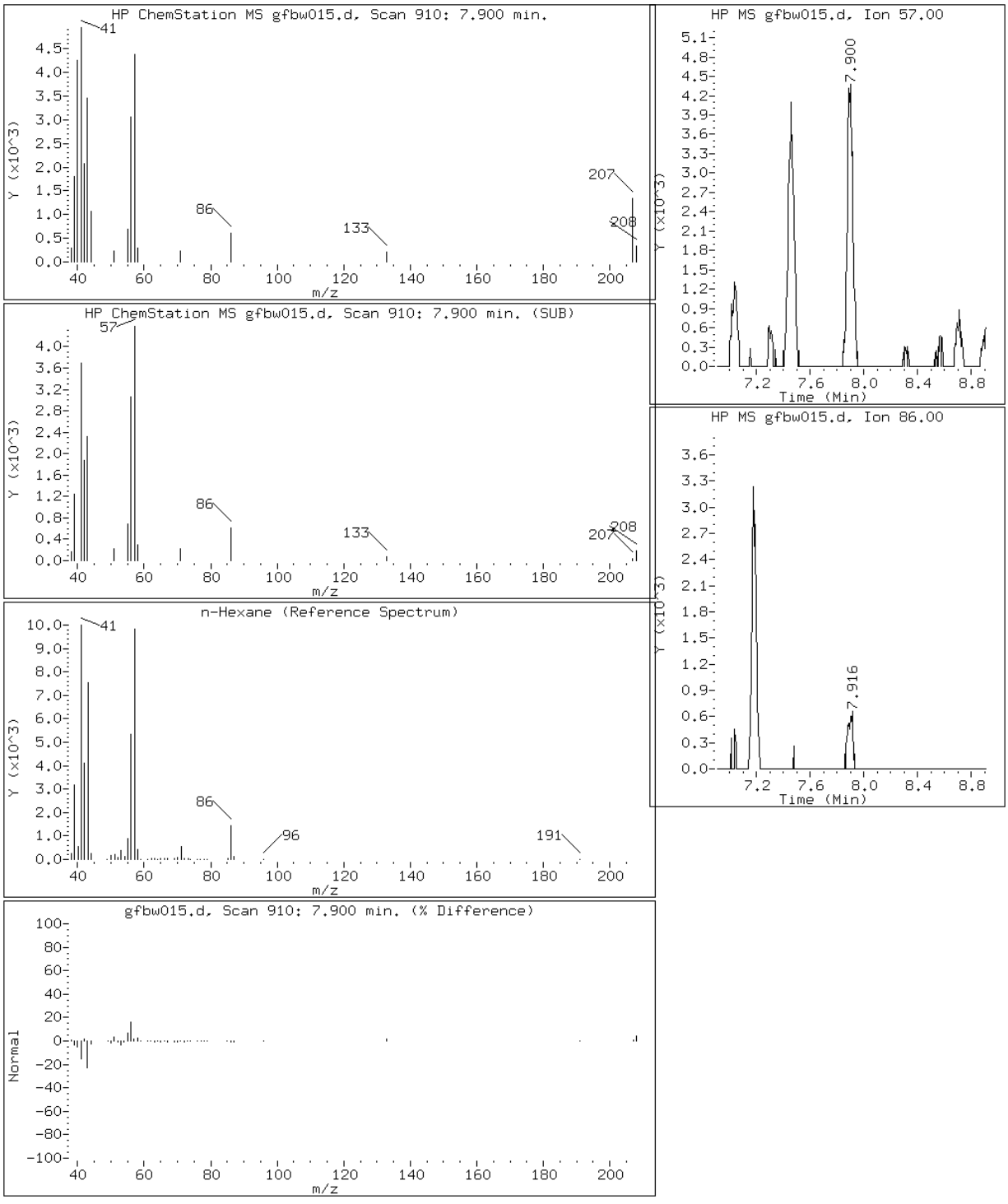
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

30 n-Hexane



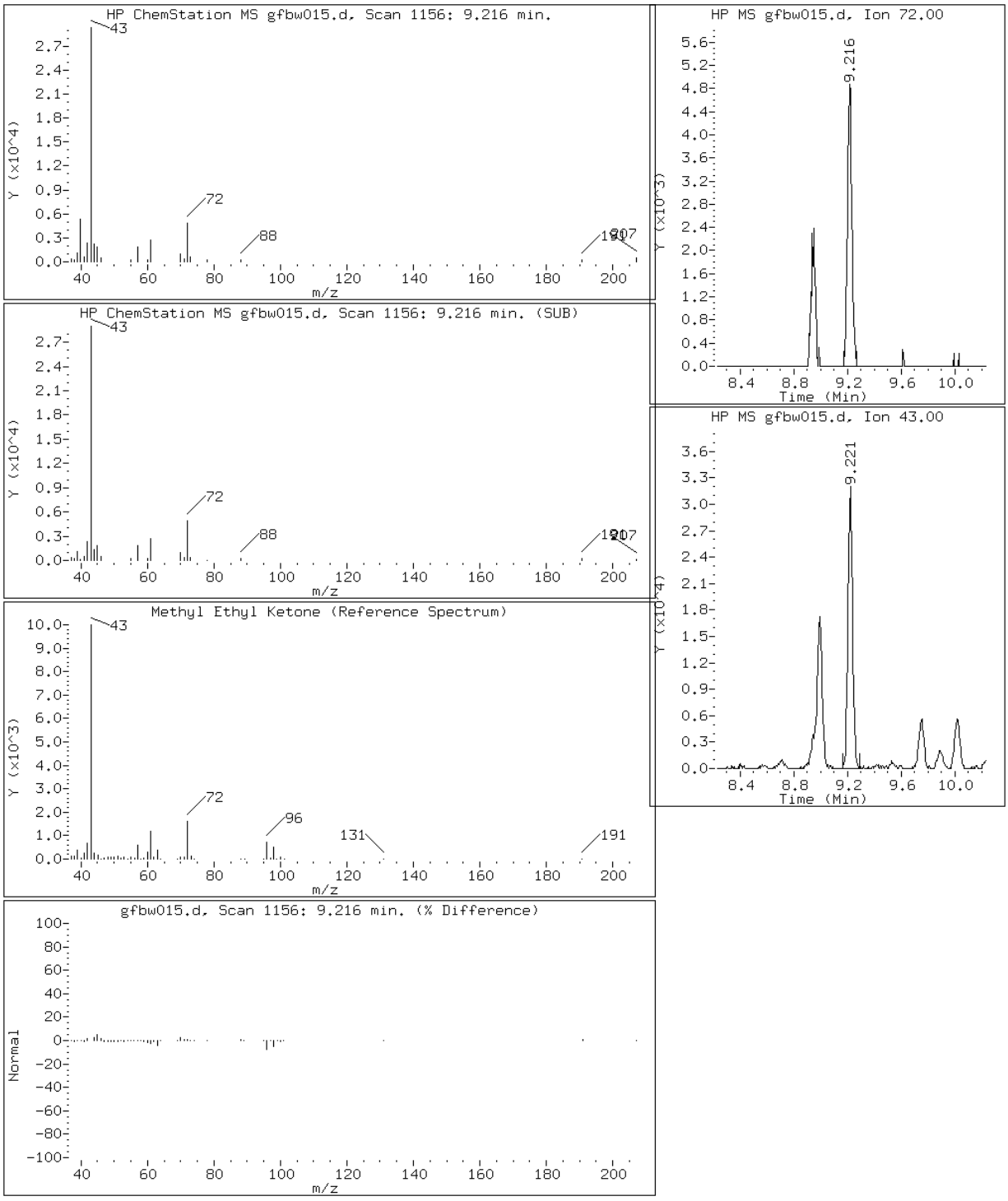
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

36 Methyl Ethyl Ketone



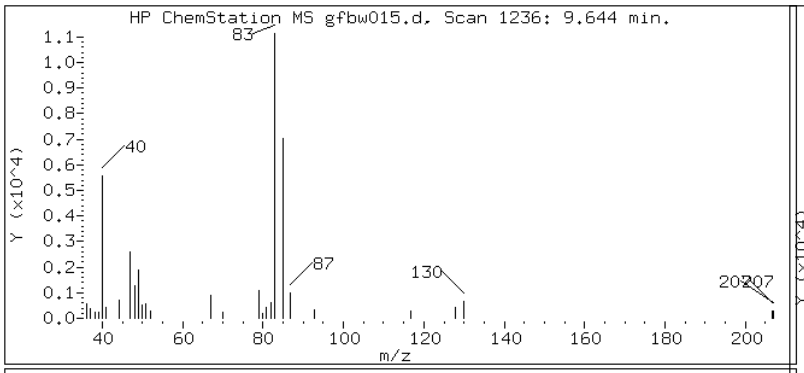
Data File: gfbw015.d

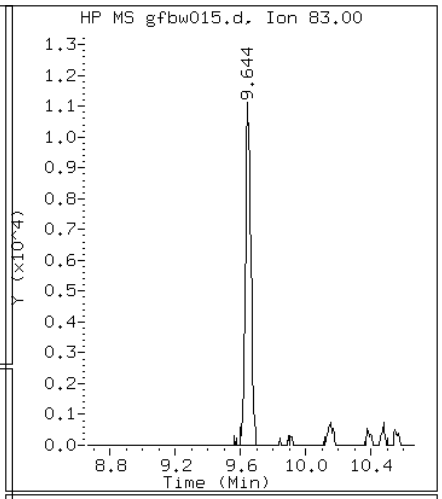
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

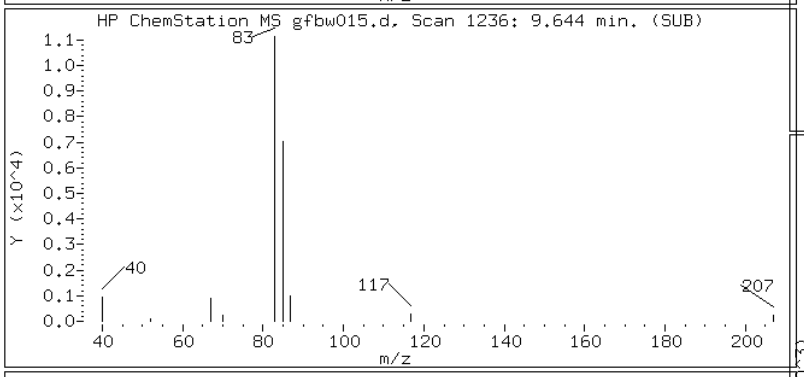
Client ID: CE-VAPOR-2 Instrument: G.i

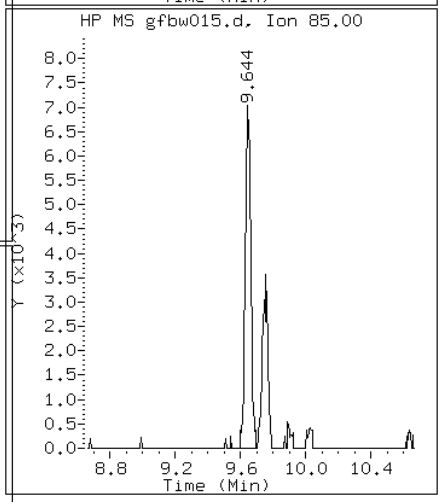
Sample Info: 220-13862-A-3 Operator: wrd

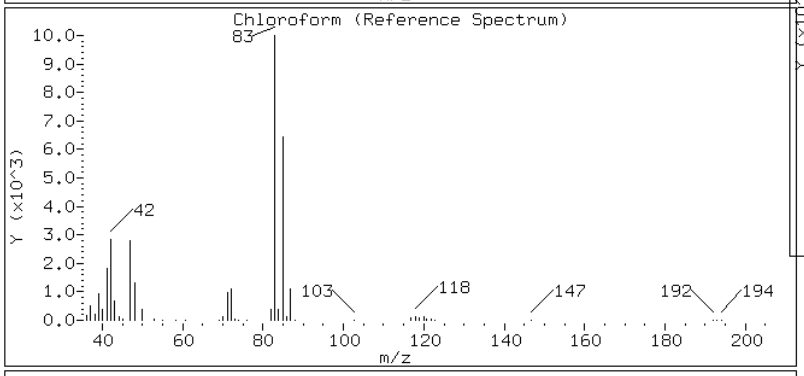
39 Chloroform

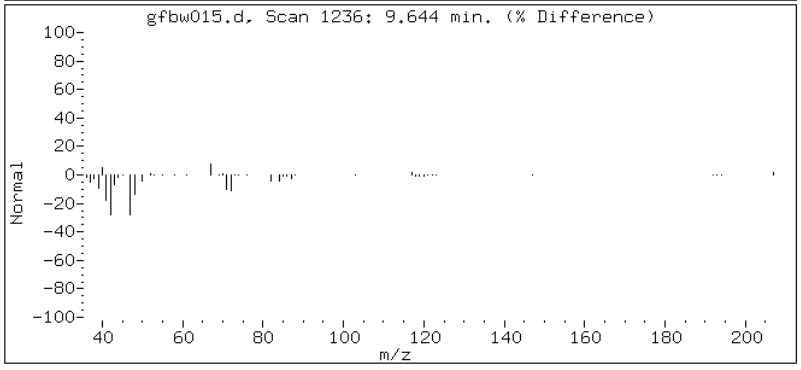












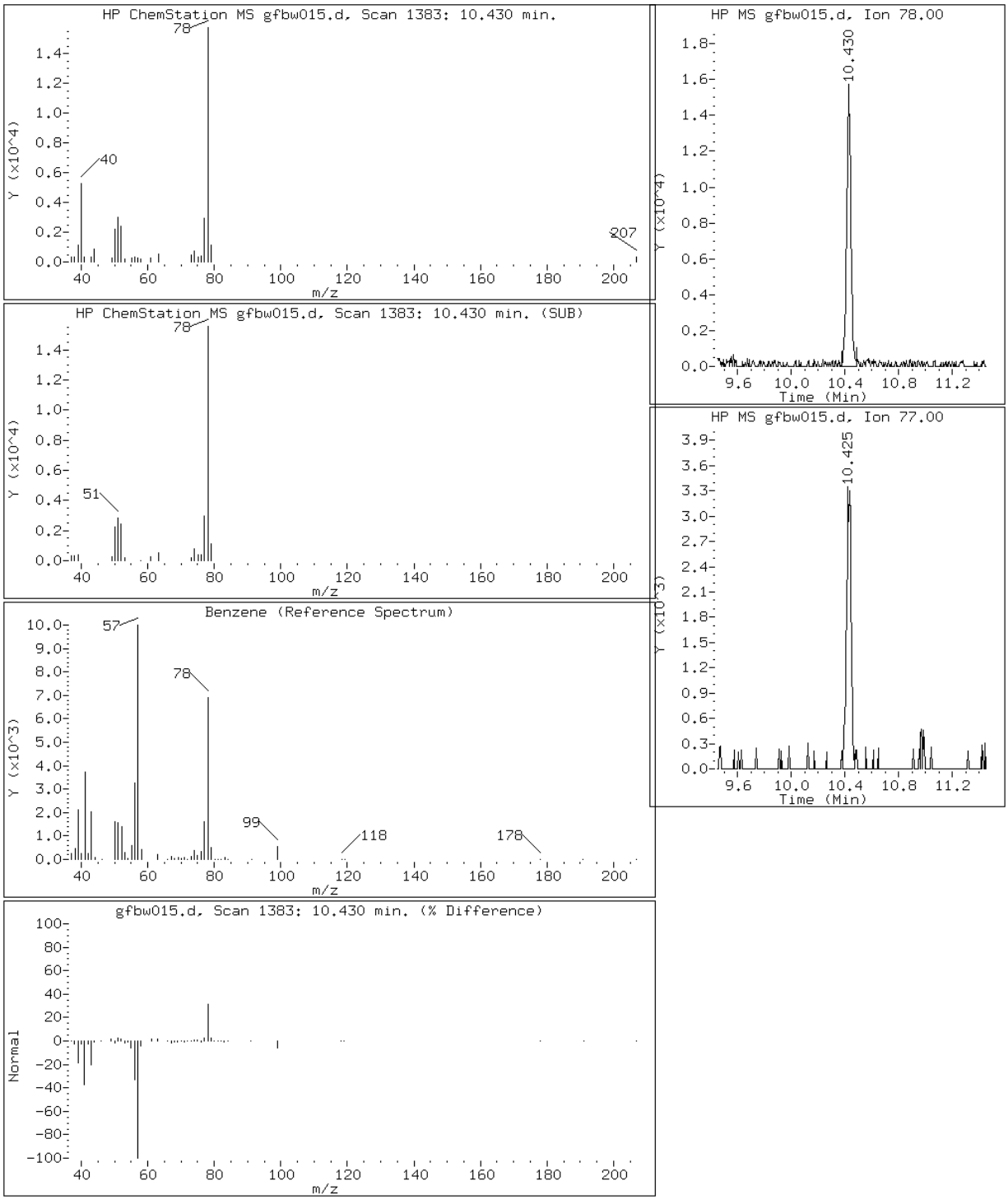
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

44 Benzene



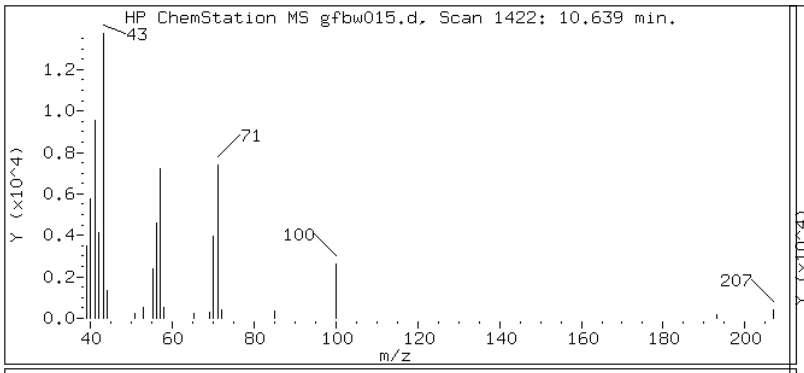
Data File: gfbw015.d

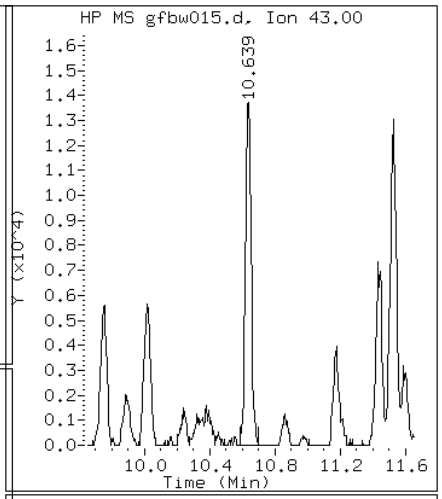
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

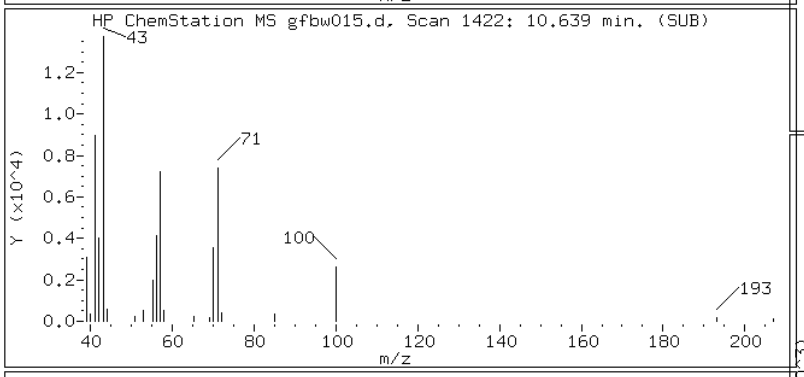
Client ID: CE-VAPOR-2 Instrument: G.i

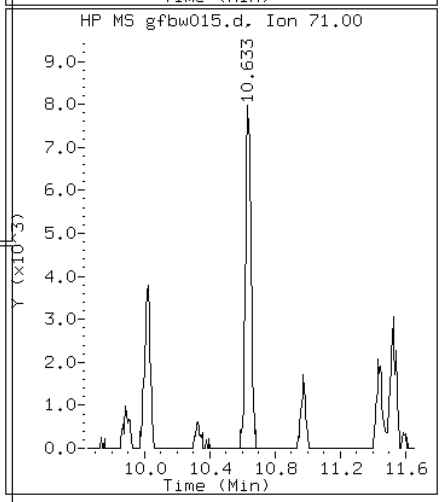
Sample Info: 220-13862-A-3 Operator: wrd

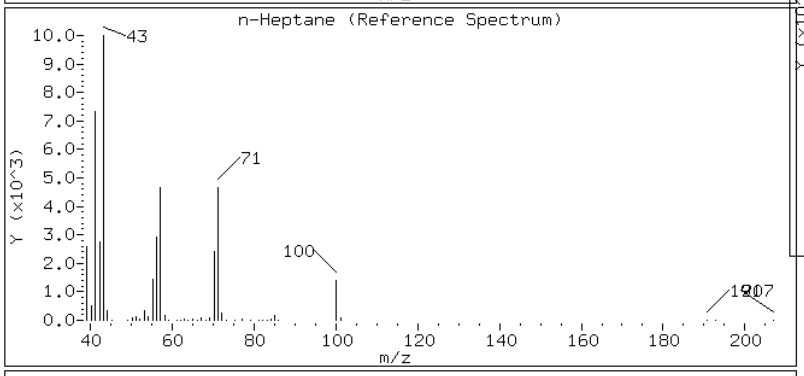
46 n-Heptane

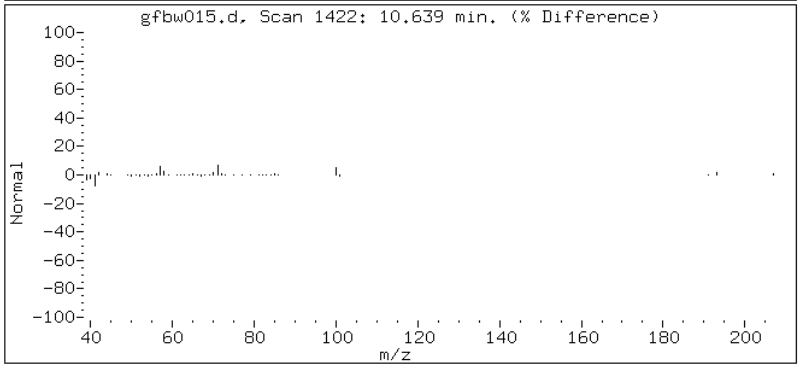












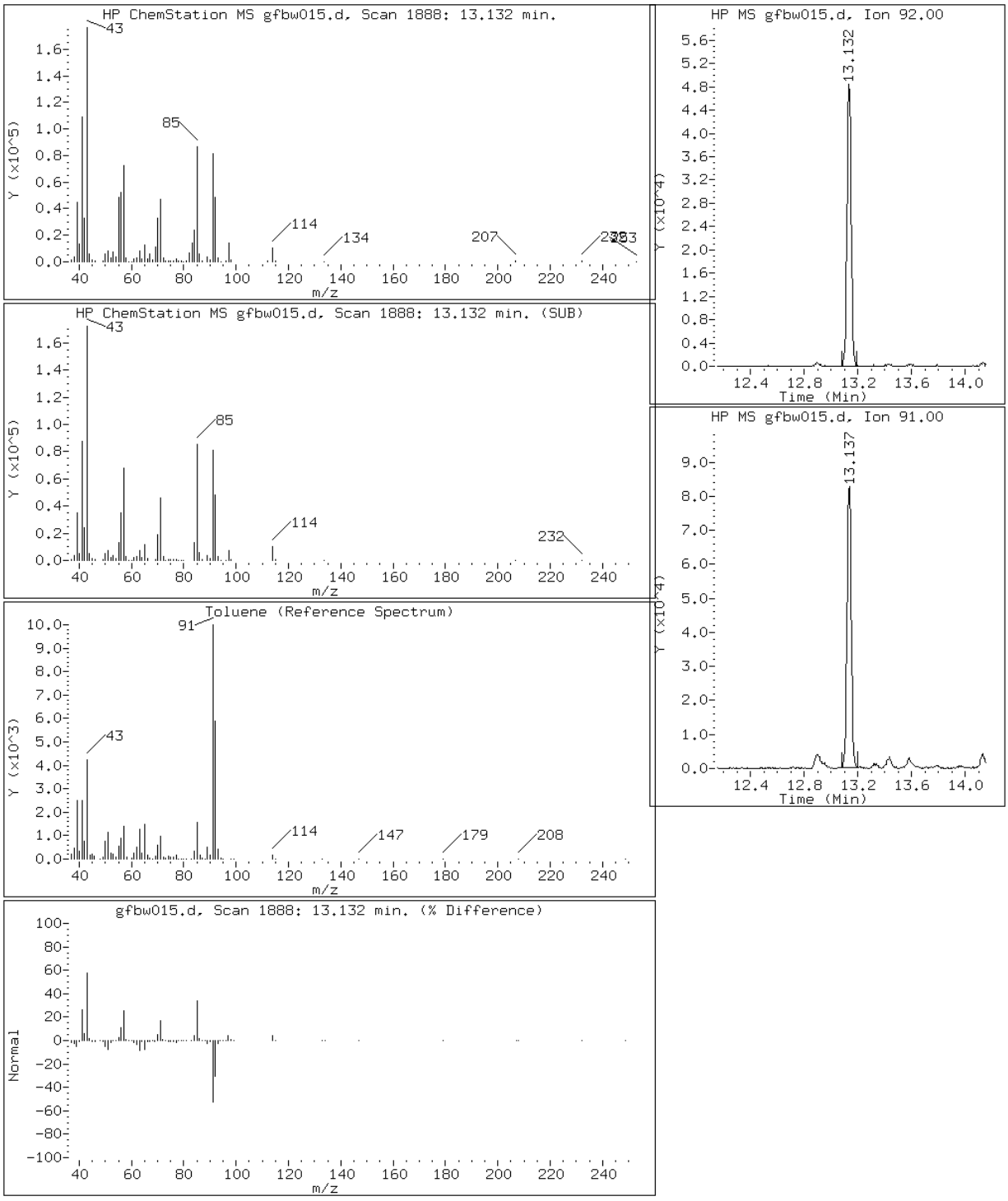
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

58 Toluene



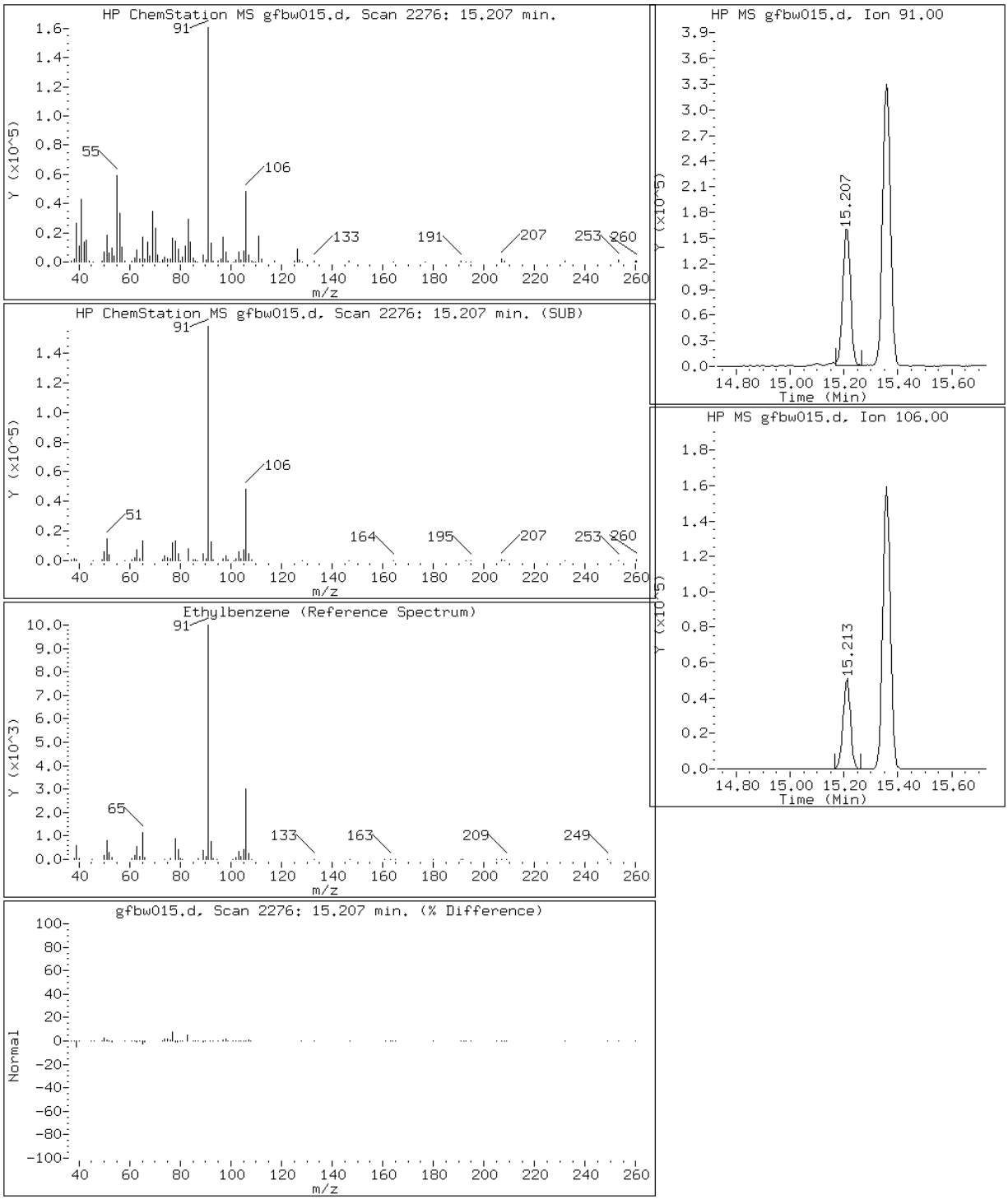
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

68 Ethylbenzene



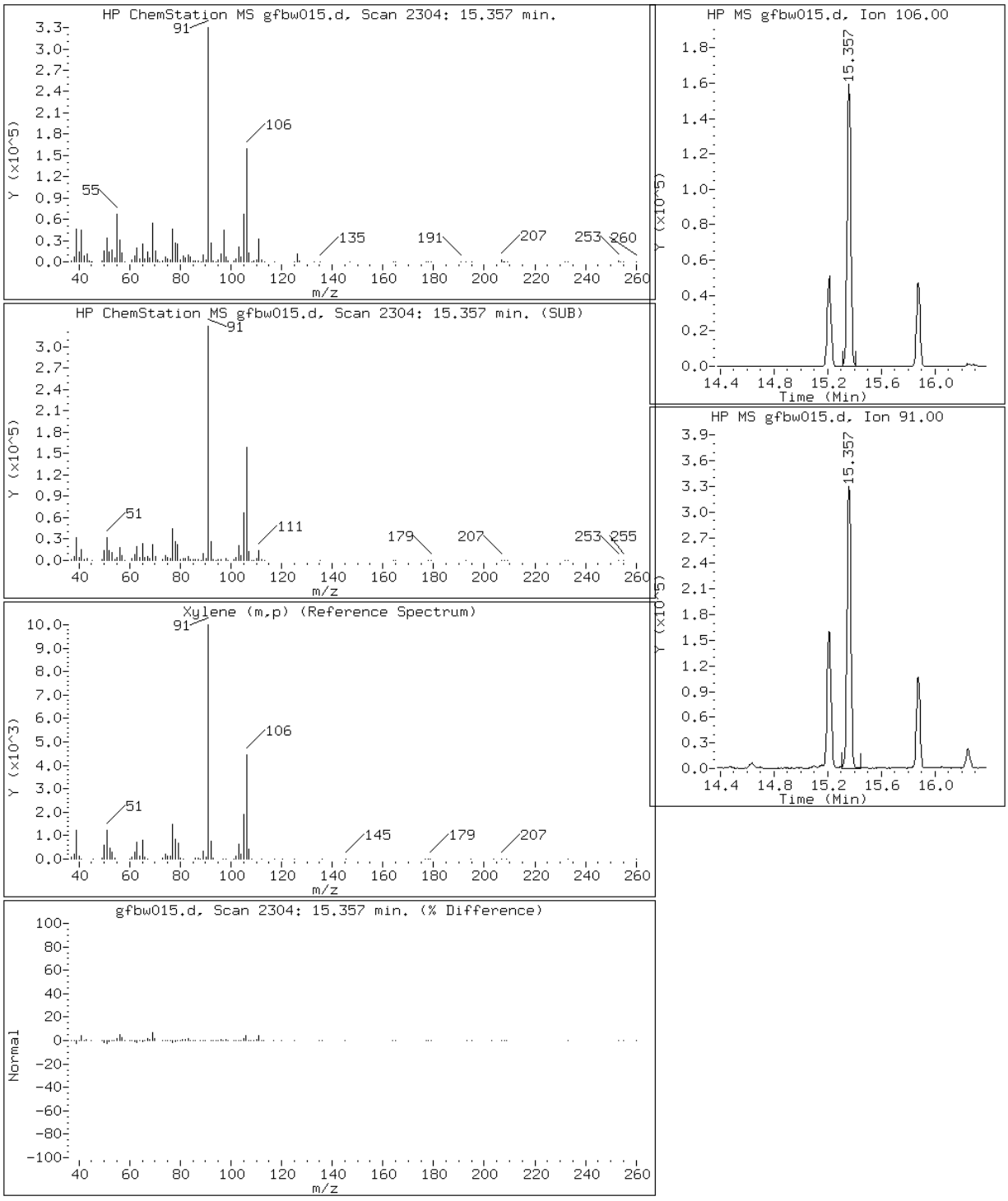
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

69 Xylene (m,p)



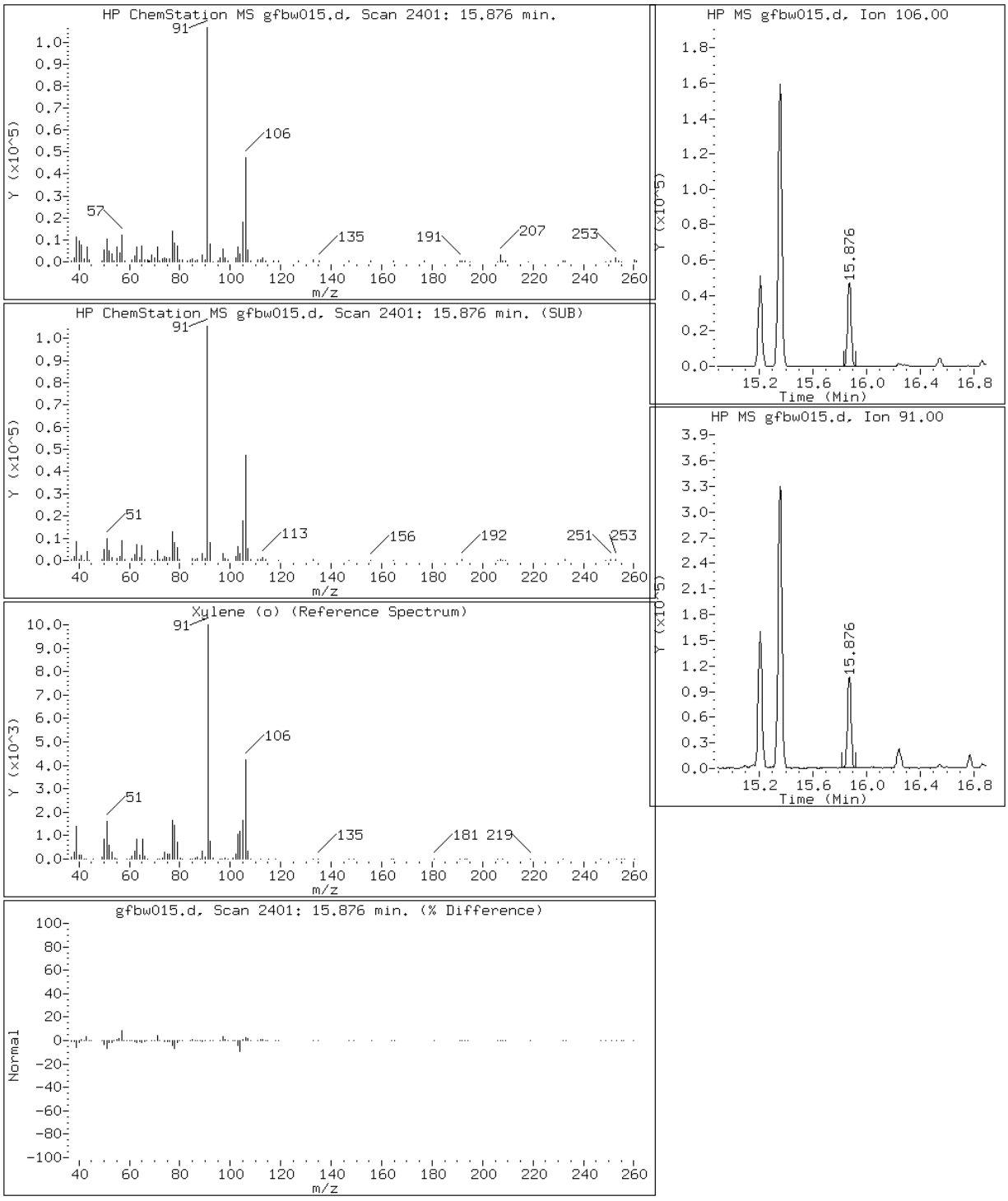
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

71 Xylene (o)



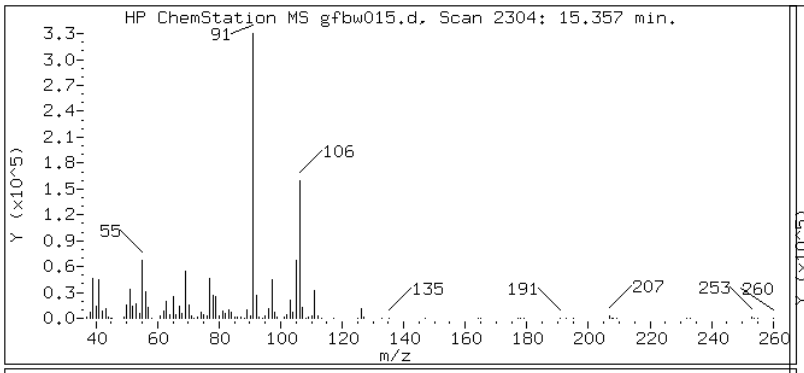
Data File: gfbw015.d

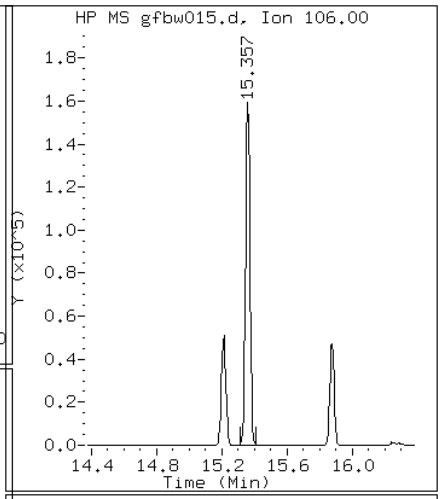
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

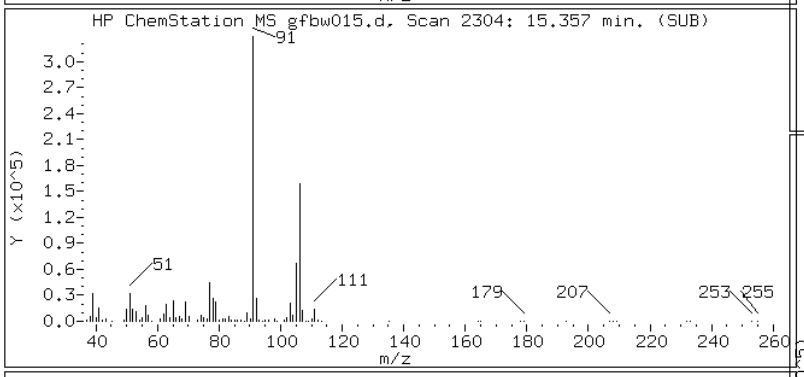
Client ID: CE-VAPOR-2 Instrument: G.i

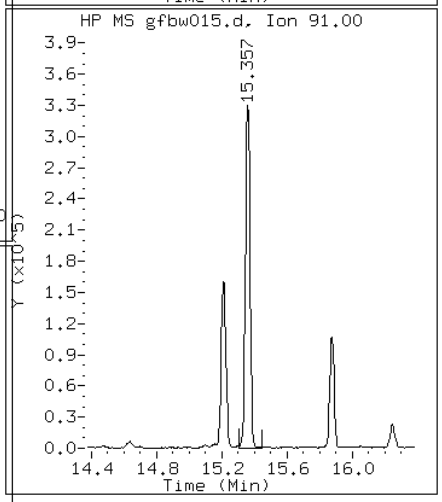
Sample Info: 220-13862-A-3 Operator: wrd

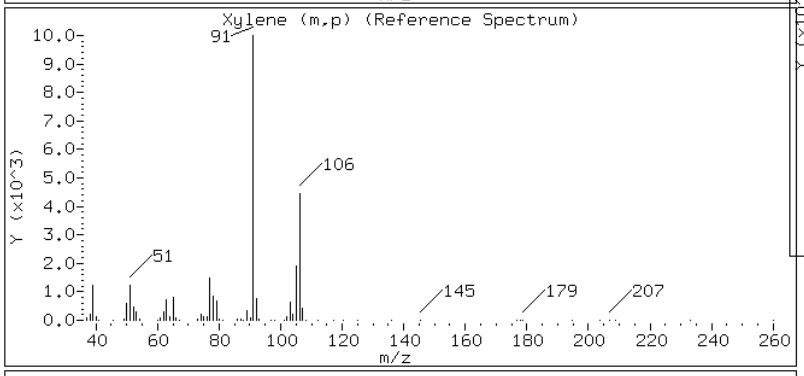
69 Xylene (m,p)

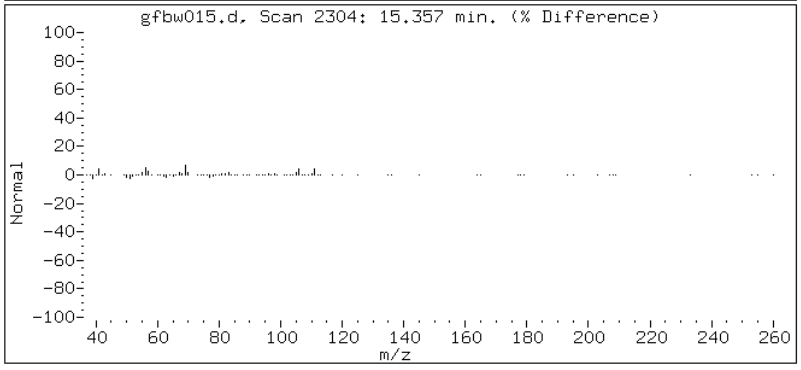












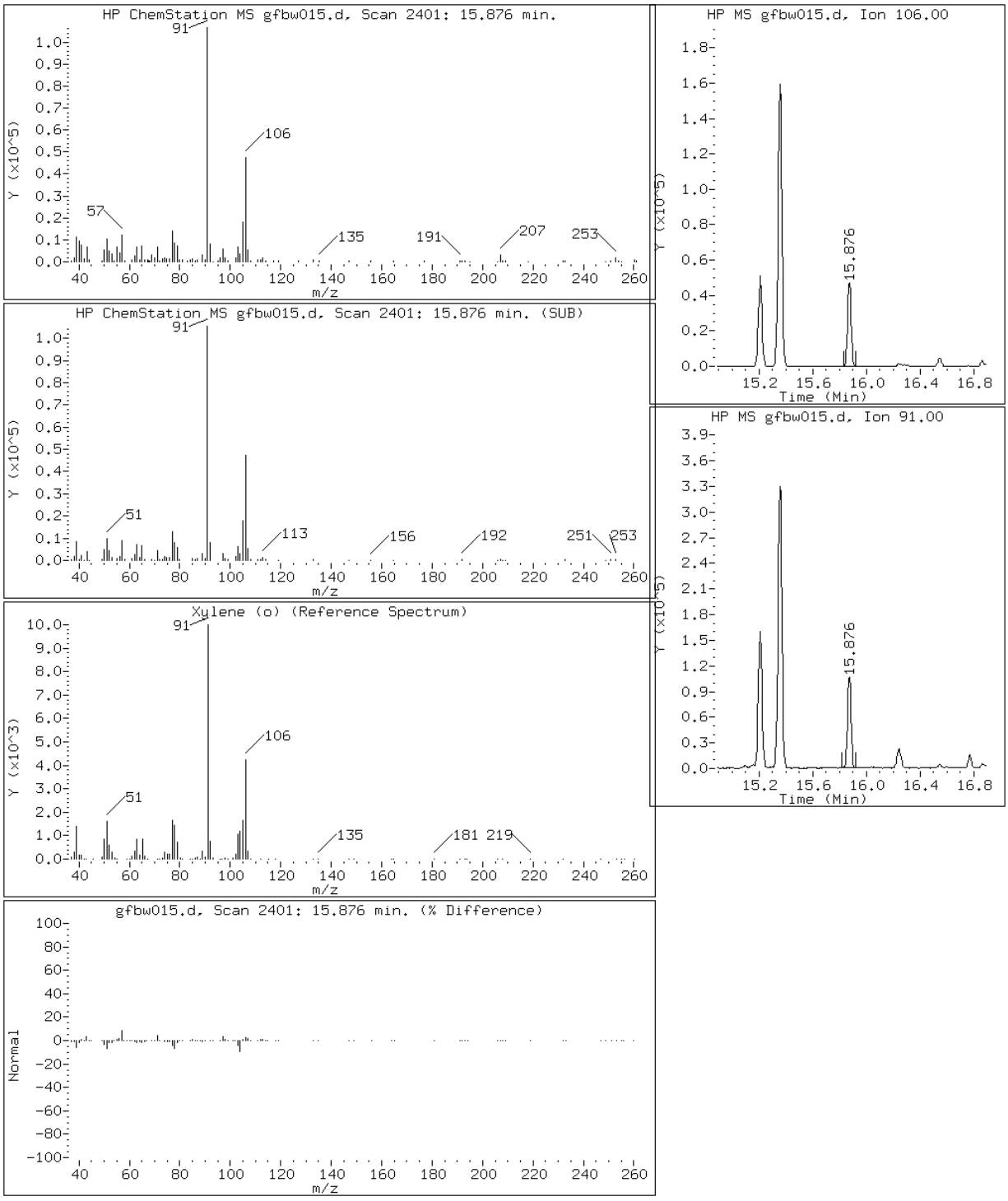
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

71 Xylene (o)



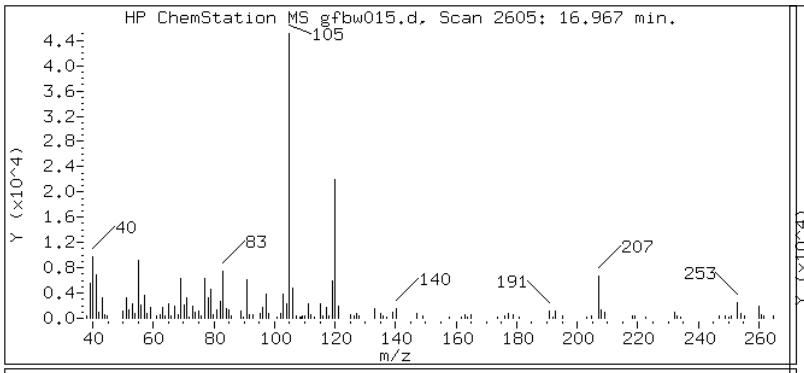
Data File: gfbw015.d

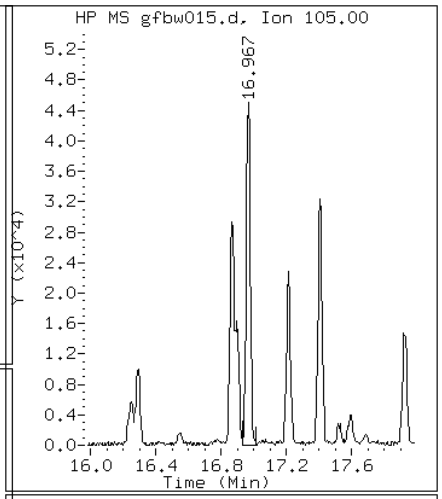
Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

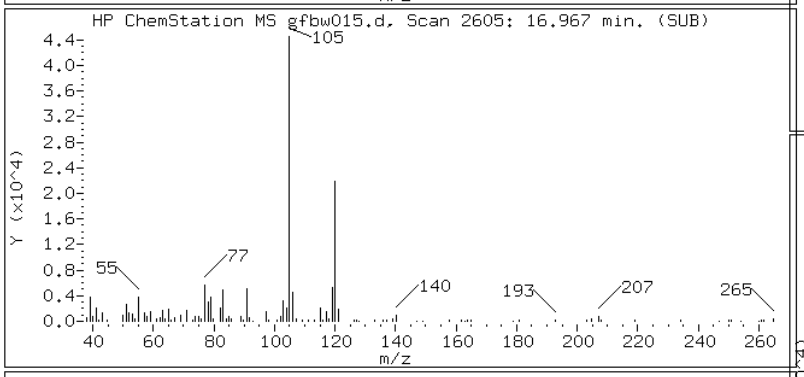
Client ID: CE-VAPOR-2 Instrument: G.i

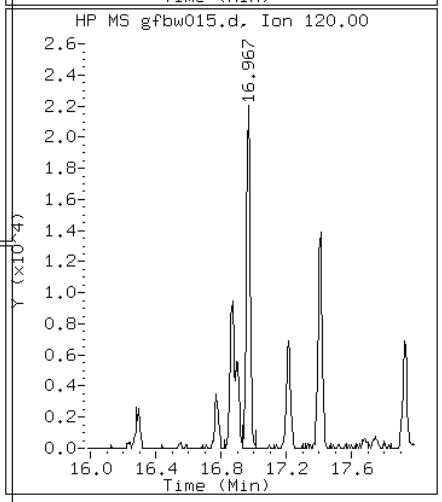
Sample Info: 220-13862-A-3 Operator: wrd

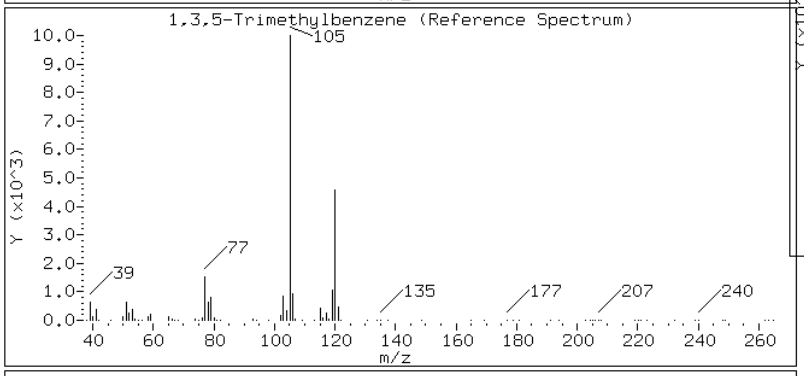
81 1,3,5-Trimethylbenzene

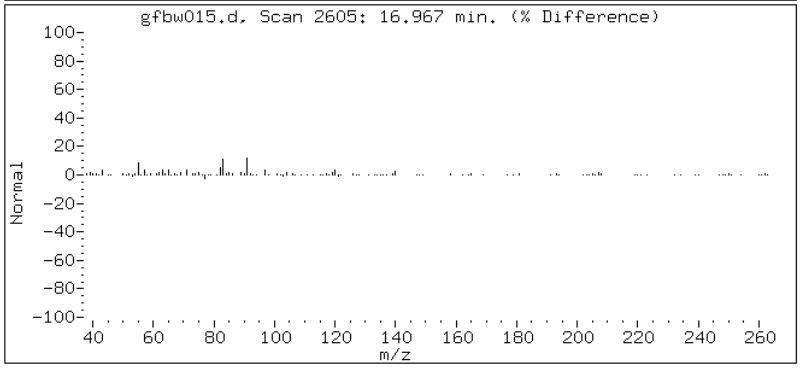












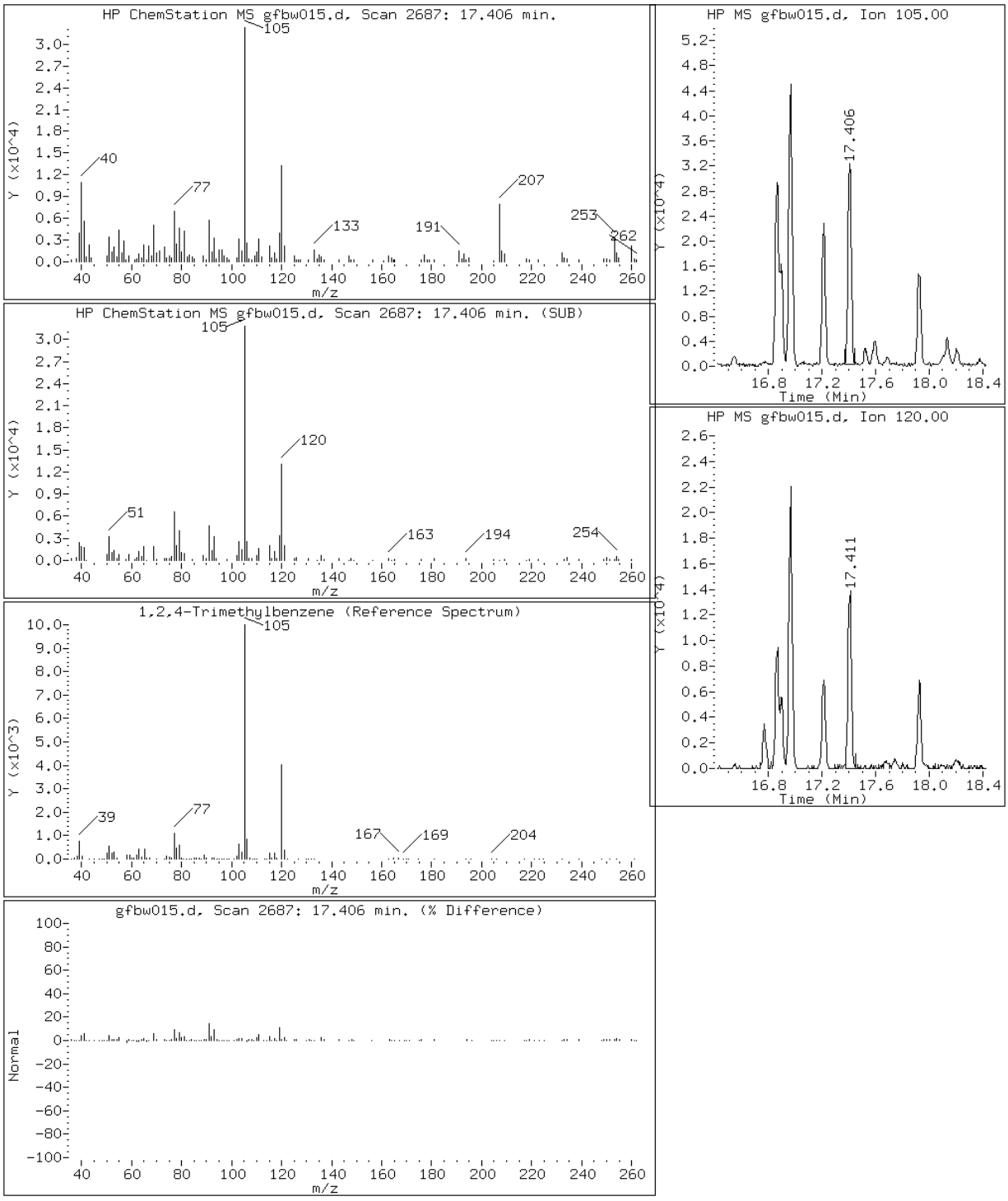
Data File: gfbw015.d

Lab Sample ID: 220-13862-3 Date: 06-NOV-2010 00:58

Client ID: CE-VAPOR-2 Instrument: G.i

Sample Info: 220-13862-A-3 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw015.d
Lab Sample ID: 220-13862-3
Inj. Date and Time: 06-NOV-2010 00:58
Instrument ID: G.i
Client ID: CE-VAPOR-2
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 11/06/2010

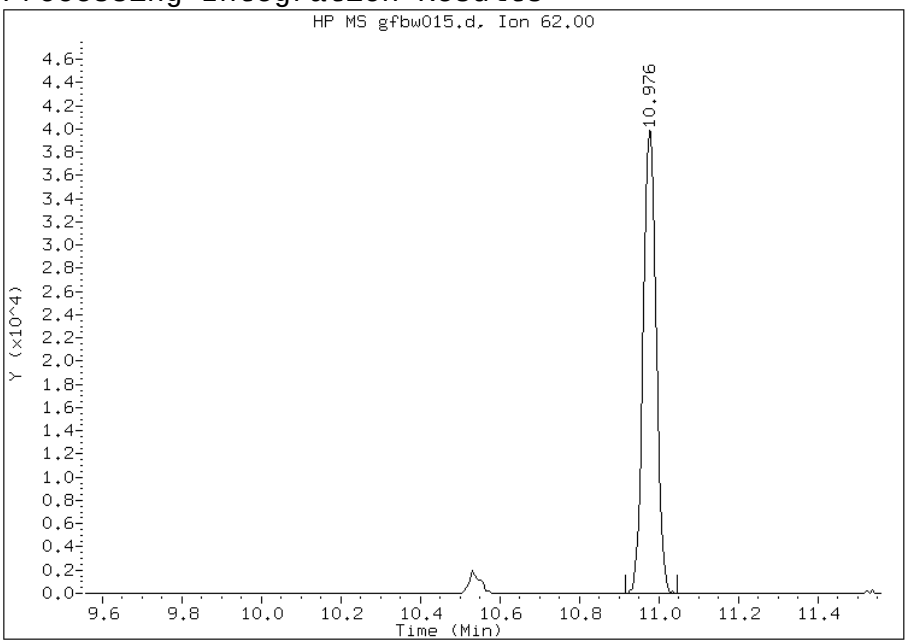
Processing Integration Results

RT: 10.98

Response: 92343

Amount: 1.18

Conc: 1.18



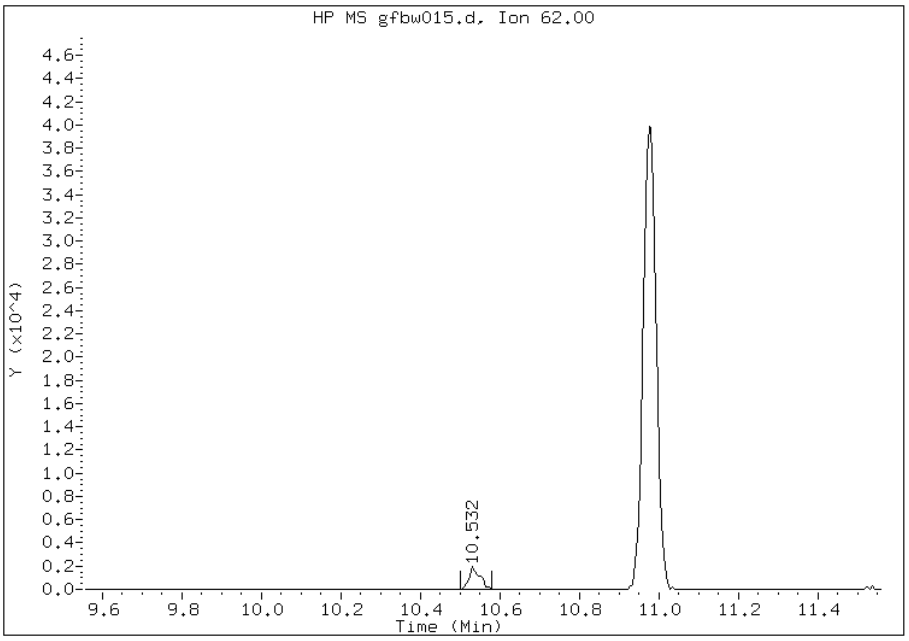
Manual Integration Results

RT: 10.53

Response: 3677

Amount: 0.046928

Conc: 0.046928



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	1.2		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.28		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.62		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.53		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.21		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	2.6		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20		0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.46		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.43		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	2.5		0.20	0.014
179601-23-1	m,p-Xylene	106.17	7.6		0.50	0.023
95-47-6	Xylene, o-	106.17	1.5		0.20	0.050
1330-20-7	Xylene (total)	106.17	9.1		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.81		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	1.8		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	1.1		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	3.2		1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.6		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.8		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	2.6		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.66		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	11		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1		1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-3 Lab Sample ID: 220-13862-4

Matrix: Air Lab File ID: gfbw016.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:52

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 01:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	1.7		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	2.9		1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	11		0.87	0.061
179601-23-1	m,p-Xylene	106.17	33		2.2	0.10
95-47-6	Xylene, o-	106.17	6.6		0.87	0.22
1330-20-7	Xylene (total)	106.17	39		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	4.0		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	8.8		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	5.4		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-4
Client Smp ID: CE-VAPOR-3
Inj Date : 06-NOV-2010 01:47
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-4
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	73531	0.48720	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.508	3.513	(0.366)	4676	0.17140	0.17(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.695	4.700	(0.490)	21962	1.19879	1.2
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.187	5.187	(0.542)	44481	0.28025	0.28
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.646)	9892	0.10150	0.10(aM)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	222230	3.80882	3.8(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

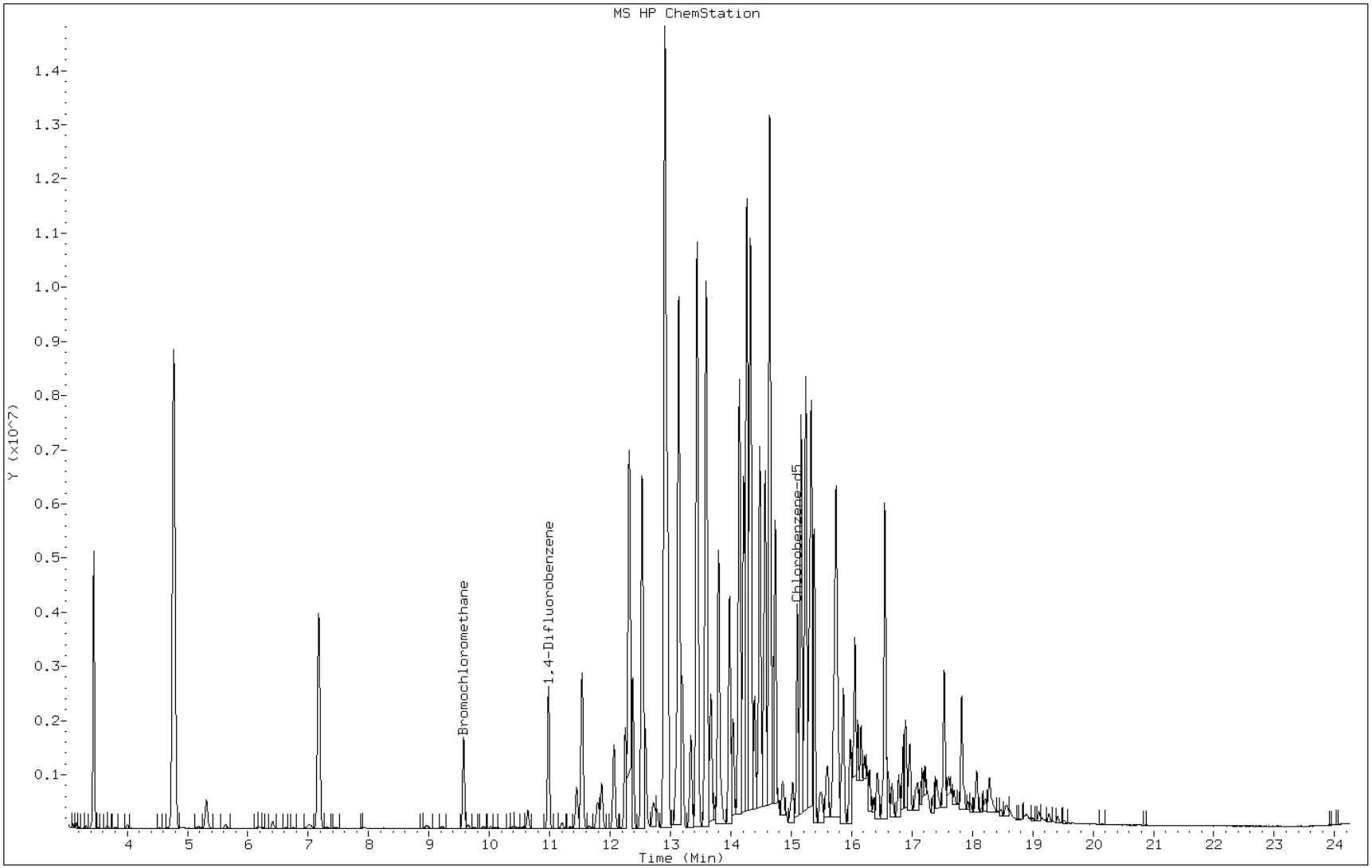
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.894	7.910	(0.825)	9525	0.16699	0.17(a)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61				2775	0.05791	0.058(a)
	34 1,2-Dichloroethene (cis)	96	9.210	9.226	(0.962)	2775	0.05791	0.058(a)
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	10813	0.62456	0.62(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	539426	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.649	9.665	(1.008)	58804	0.53026	0.53
	40 Cyclohexane	84	9.906	9.916	(0.902)	7218	0.12873	0.13(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.919)	13211	0.09020	0.090(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	30451	0.16569	0.17(aM)
	44 Benzene	78	10.435	10.451	(0.950)	28306	0.20627	0.21
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.639	10.655	(0.969)	175833	2.64101	2.6
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2605895	10.0000	
	49 Trichloroethene	95	11.340	11.355	(1.033)	14626	0.20275	0.20
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	13.137	13.153	(0.870)	45933	0.46019	0.46(Q)
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.897	13.913	(0.920)	48060	0.43430	0.43
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2530445	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.007)	554065	2.45356	2.5
	69 Xylene (m,p)	106	15.363	15.378	(1.017)	648189	7.55896	7.6
M	70 Xylenes, Total	106				779130	9.08259	9.1
	71 Xylene (o)	106	15.876	15.892	(1.051)	130941	1.52362	1.5
	72 Styrene	104	15.908	15.919	(1.053)	21960	0.17241	0.17(aQ)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.903	16.914	(1.119)	211794	0.81363	0.81
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.973	16.983	(1.124)	400910	1.79593	1.8
	84 1,2,4-Trimethylbenzene	105	17.411	17.422	(1.153)	243296	1.10111	1.1
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gfbw016.d	Date:	06-NOV-2010 01:47
Client ID:	CE-VAPOR-3	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-4		
Lab Sample ID:	220-13862-4		



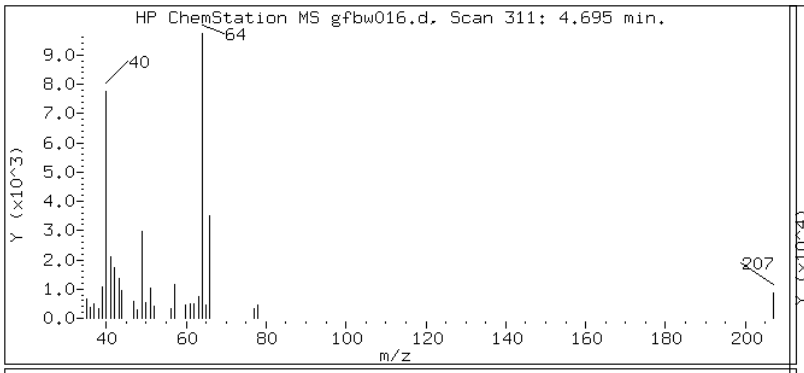
Data File: gfbw016.d

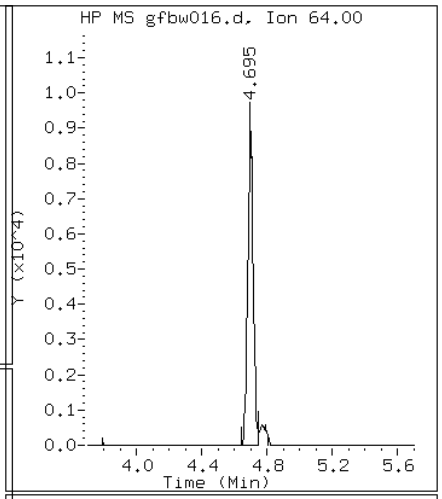
Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

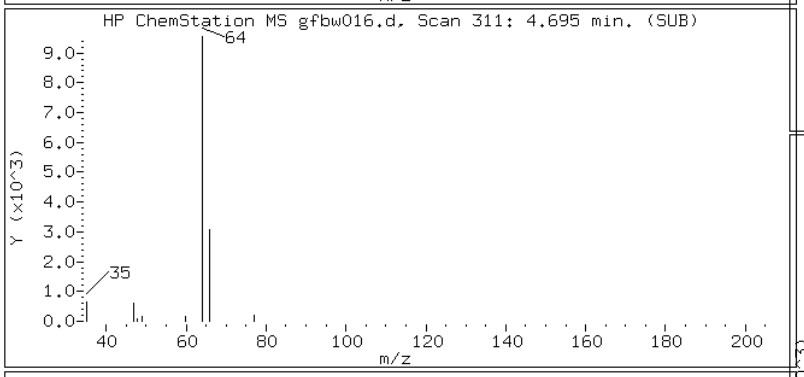
Client ID: CE-VAPOR-3 Instrument: G.i

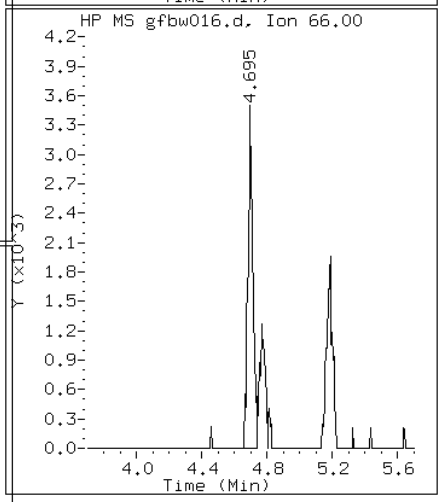
Sample Info: 220-13862-A-4 Operator: wrd

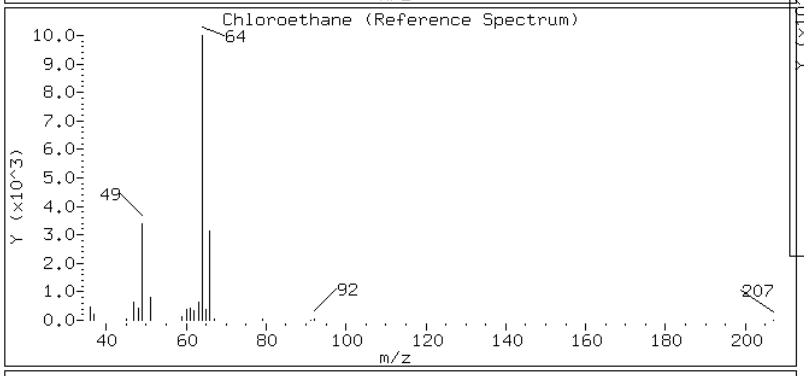
10 Chloroethane

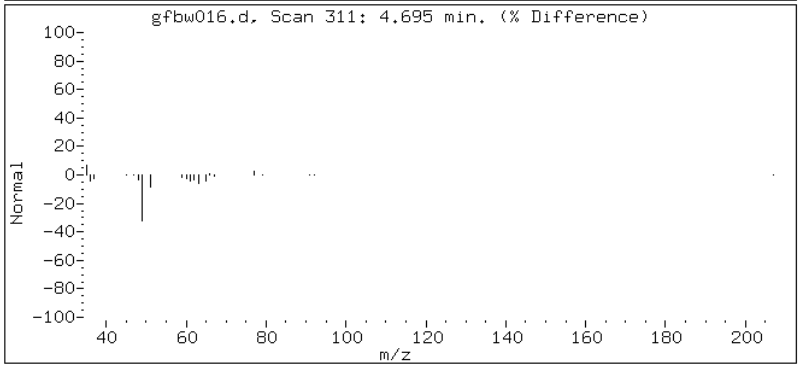












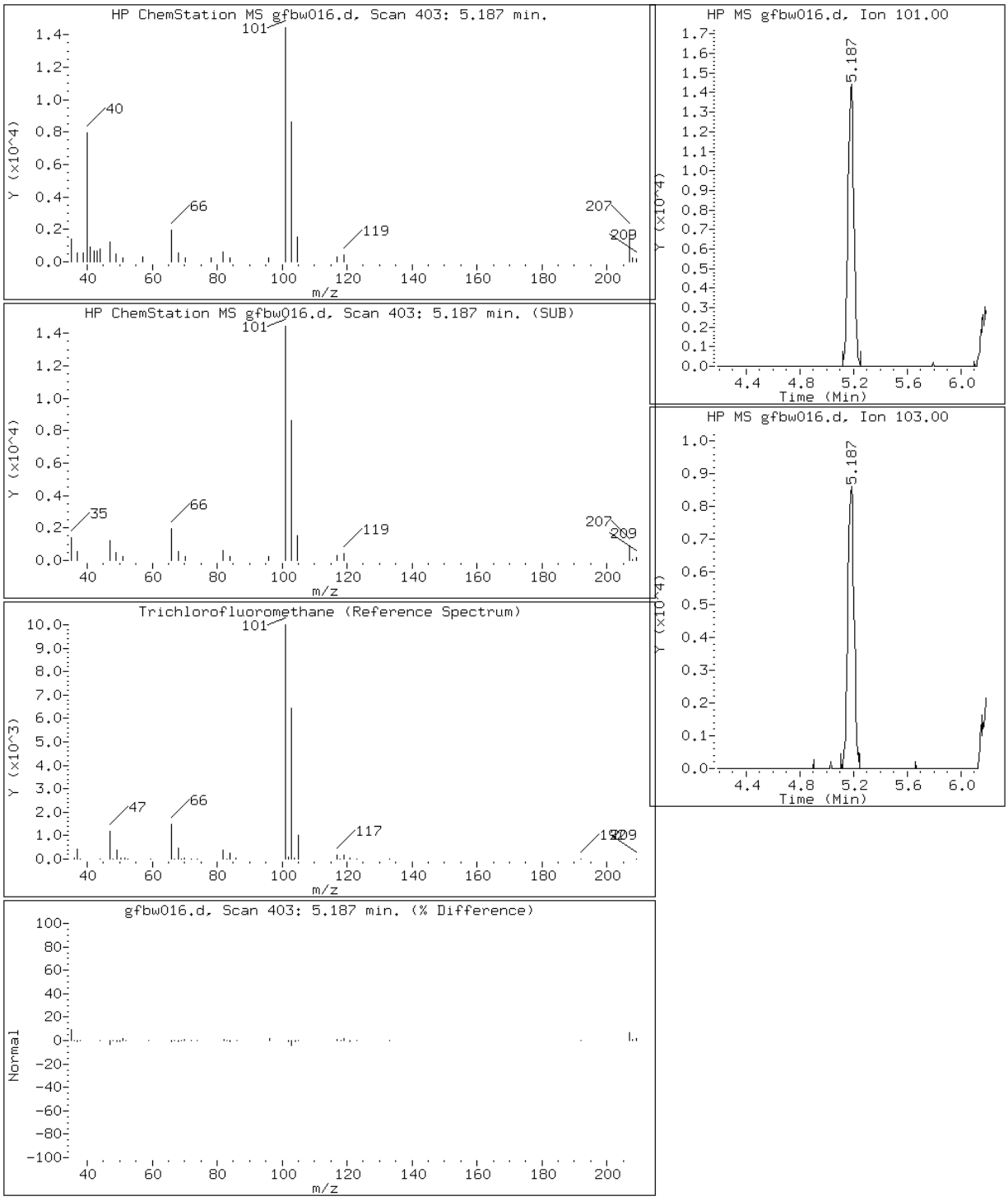
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

13 Trichlorofluoromethane



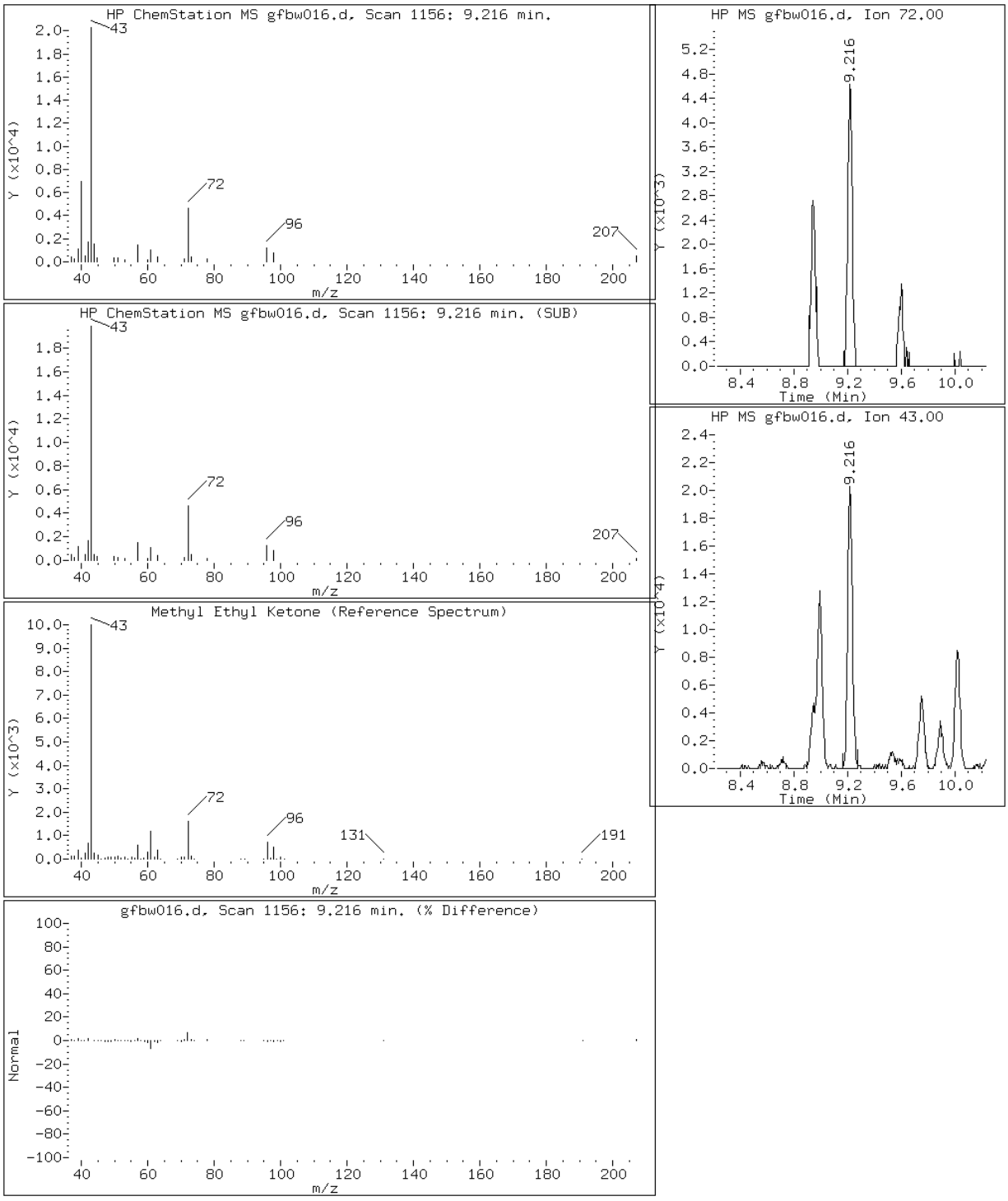
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

36 Methyl Ethyl Ketone



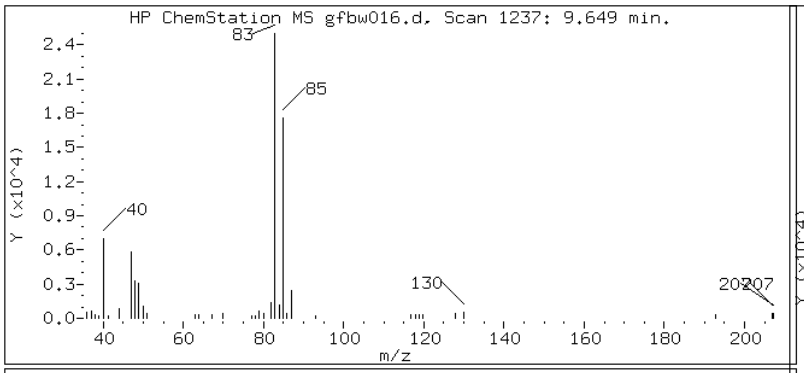
Data File: gfbw016.d

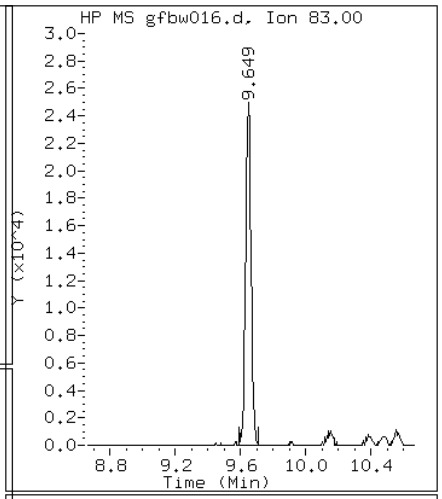
Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

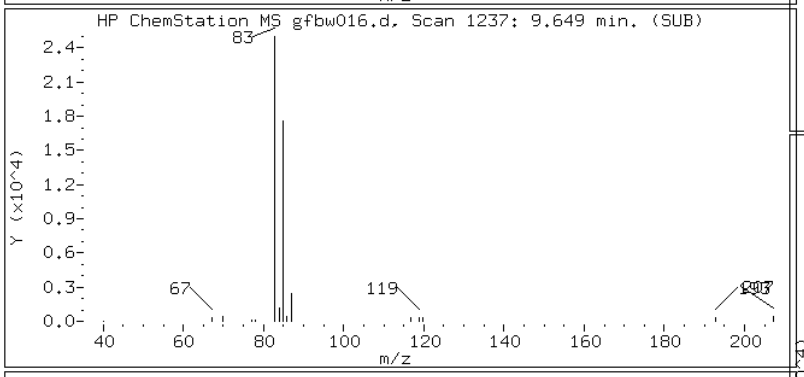
Client ID: CE-VAPOR-3 Instrument: G.i

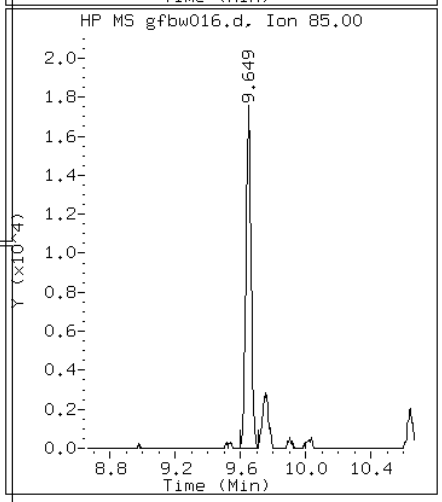
Sample Info: 220-13862-A-4 Operator: wrd

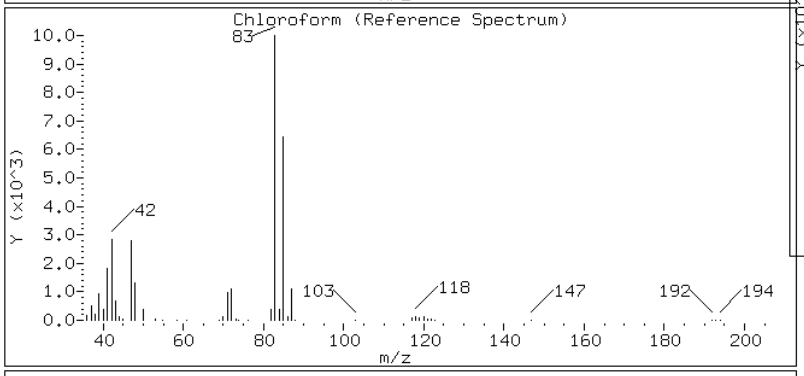
39 Chloroform

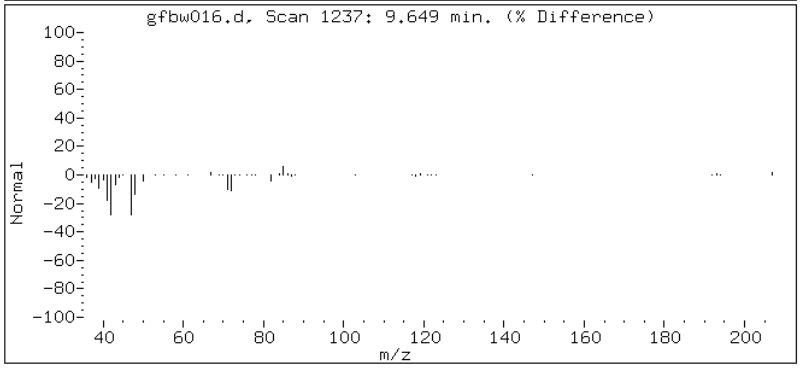












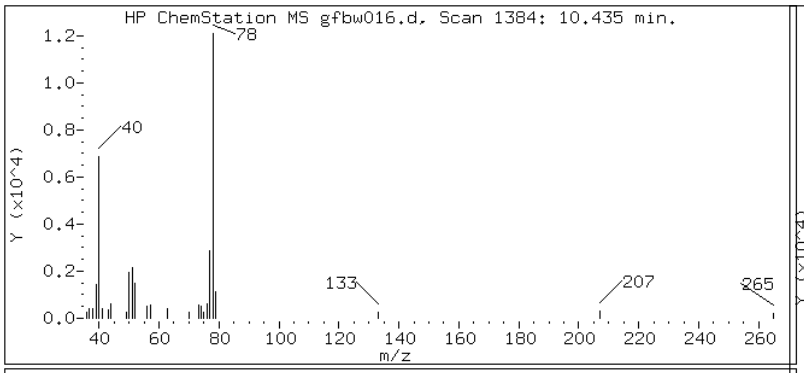
Data File: gfbw016.d

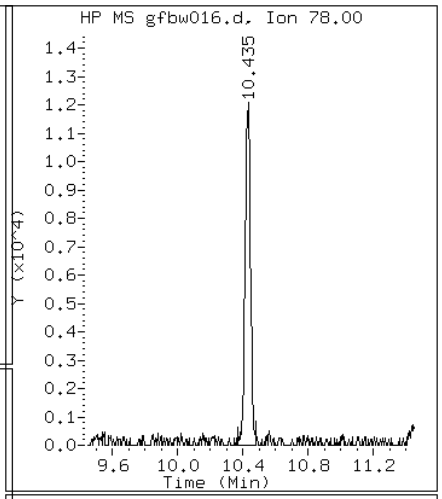
Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

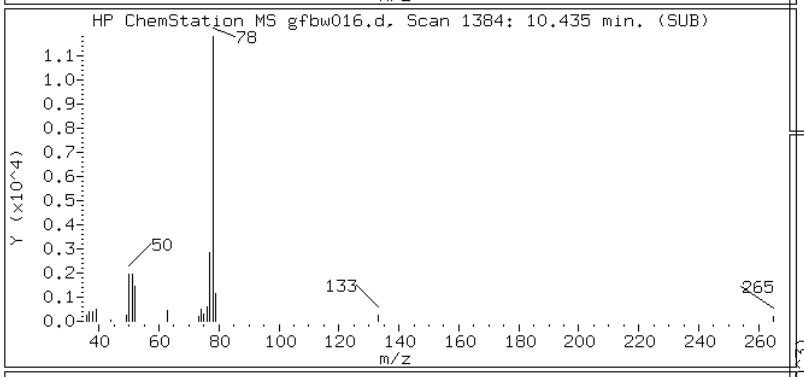
Client ID: CE-VAPOR-3 Instrument: G.i

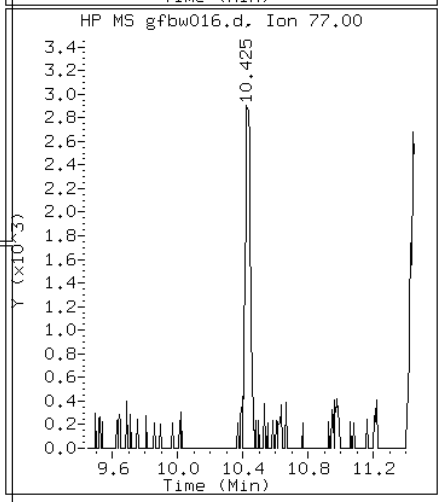
Sample Info: 220-13862-A-4 Operator: wrd

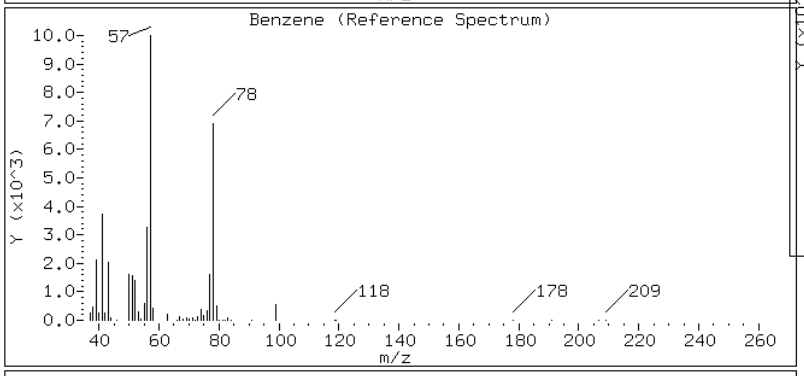
44 Benzene

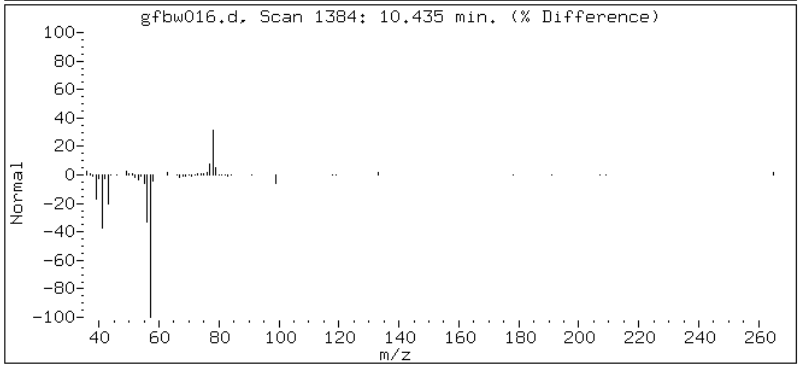












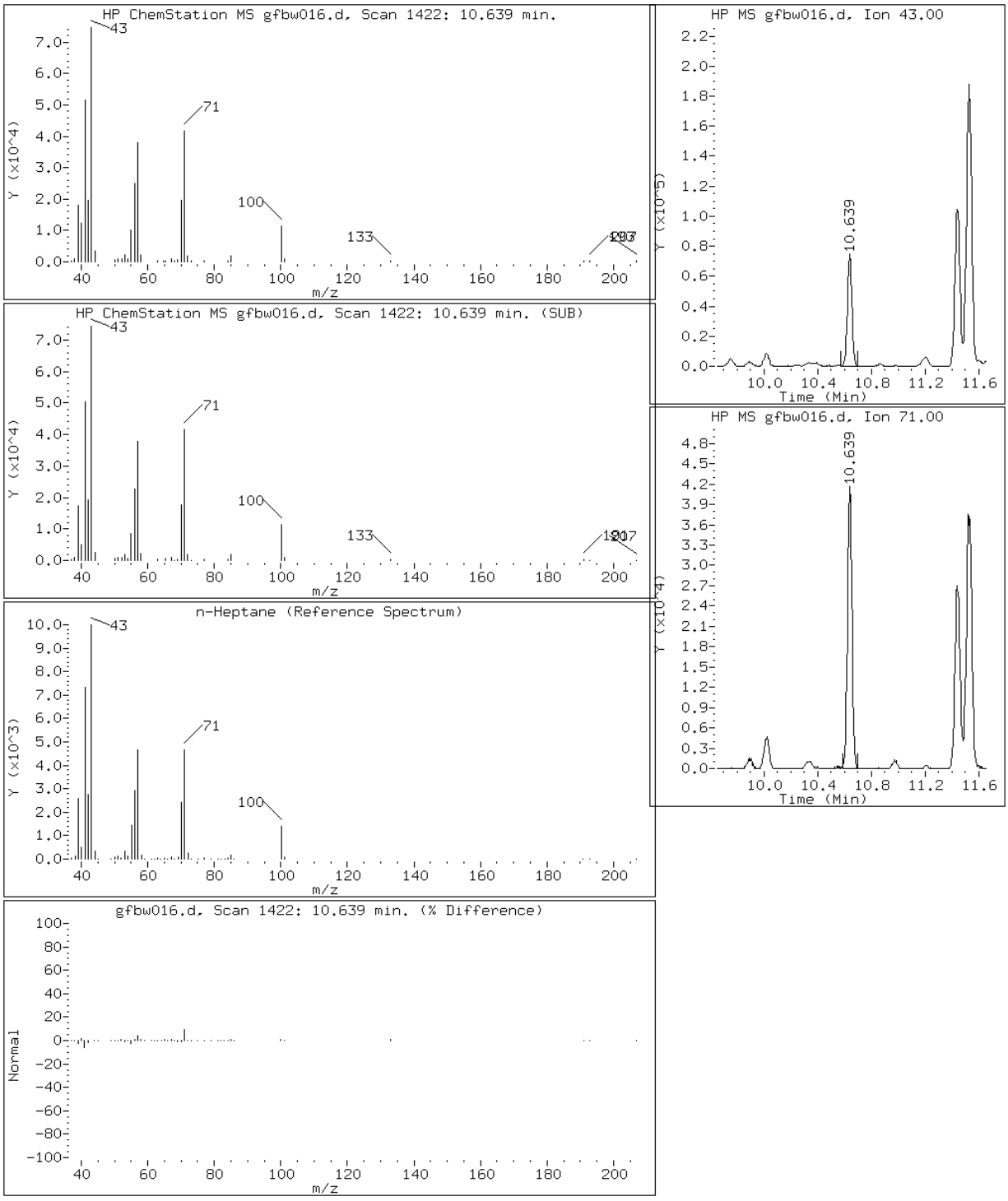
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

46 n-Heptane



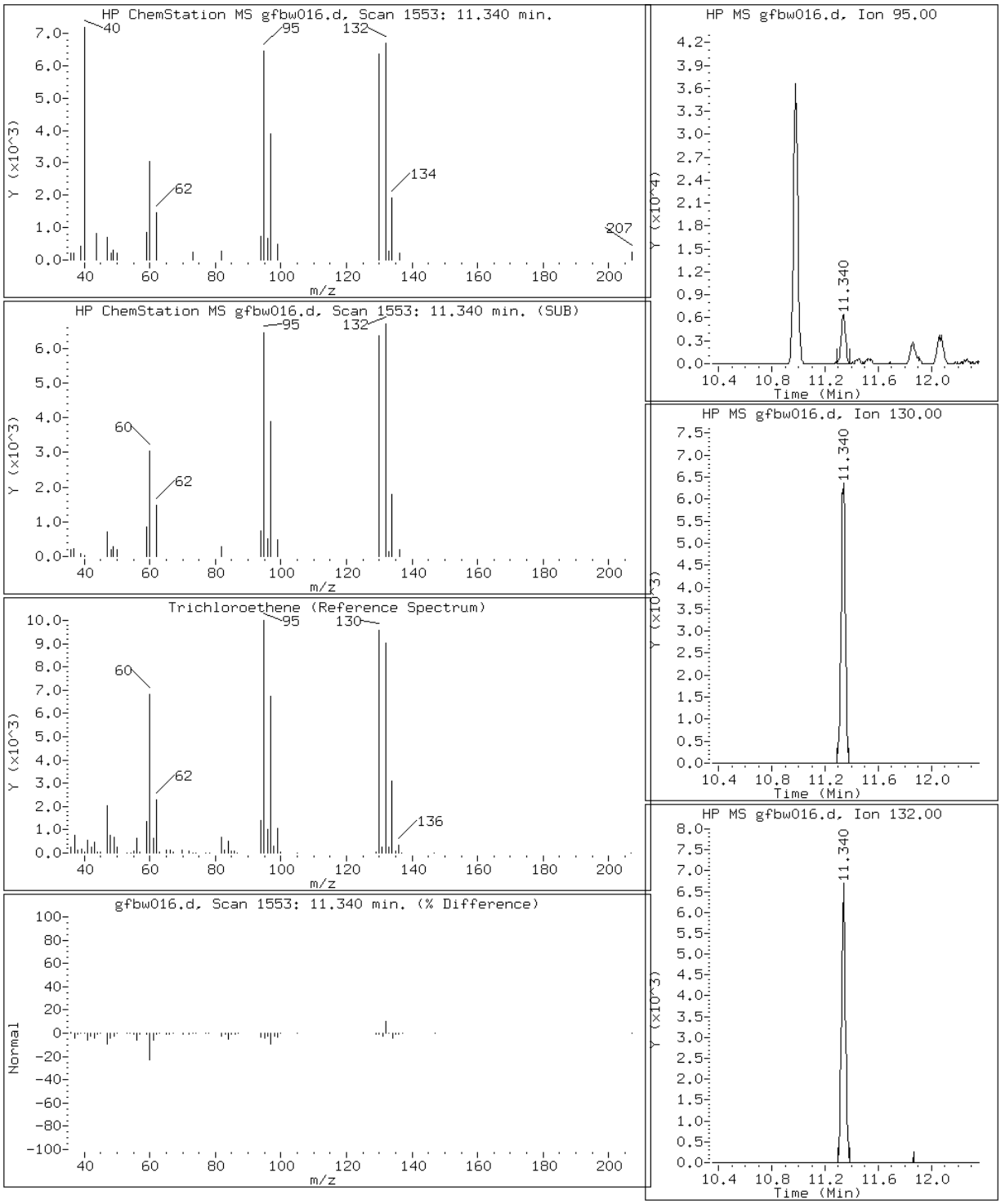
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

49 Trichloroethene



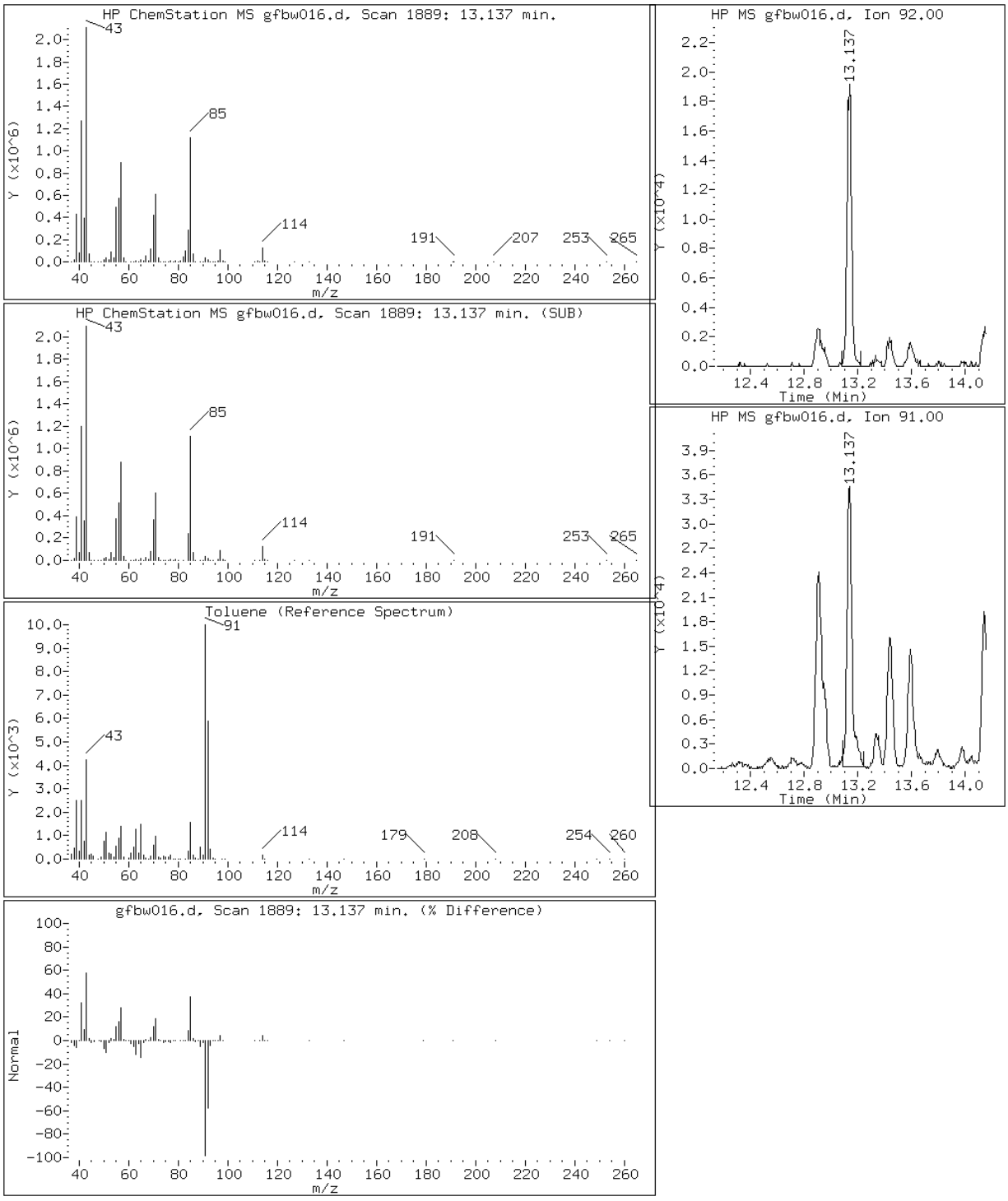
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

58 Toluene



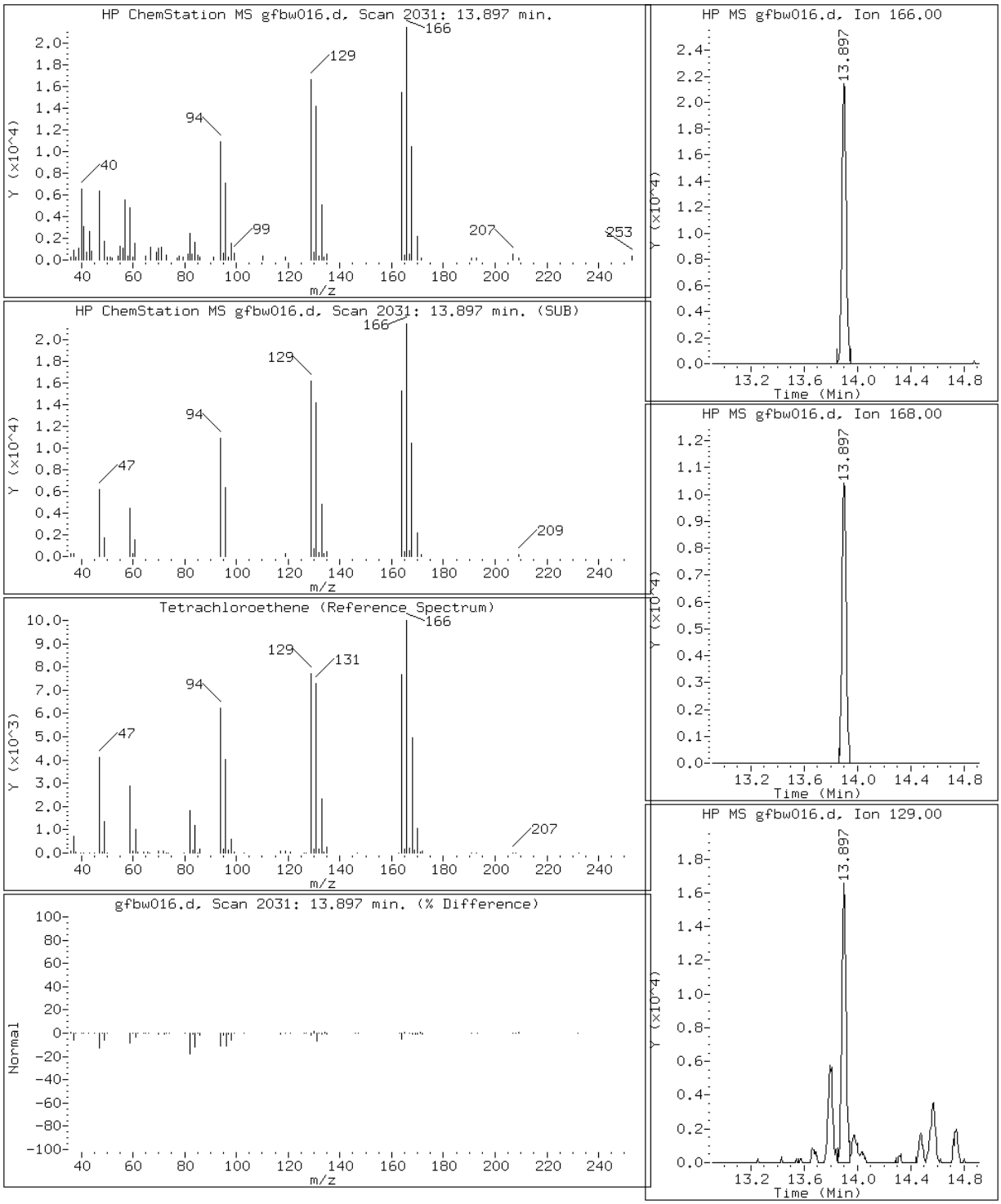
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

61 Tetrachloroethene



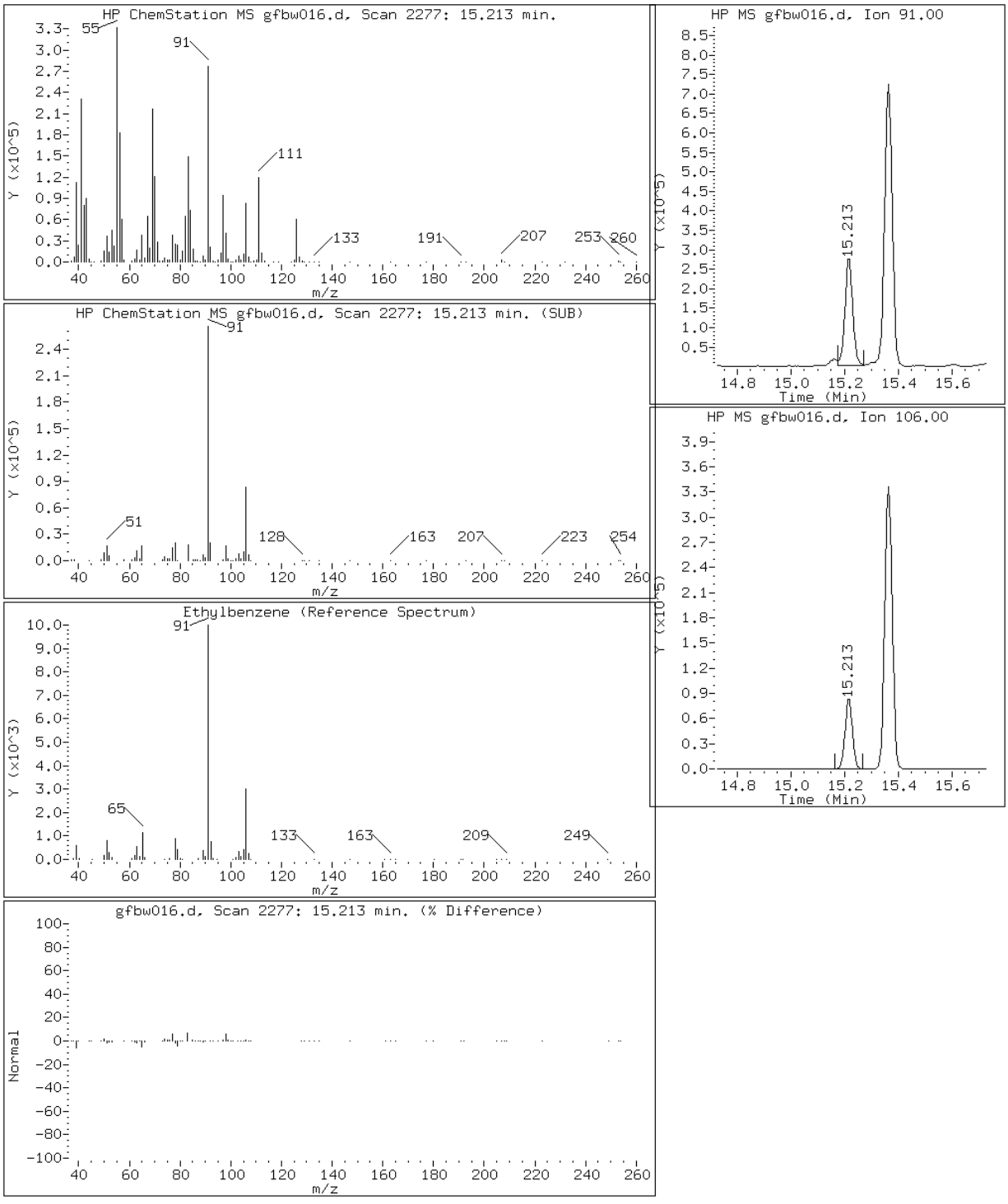
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

68 Ethylbenzene



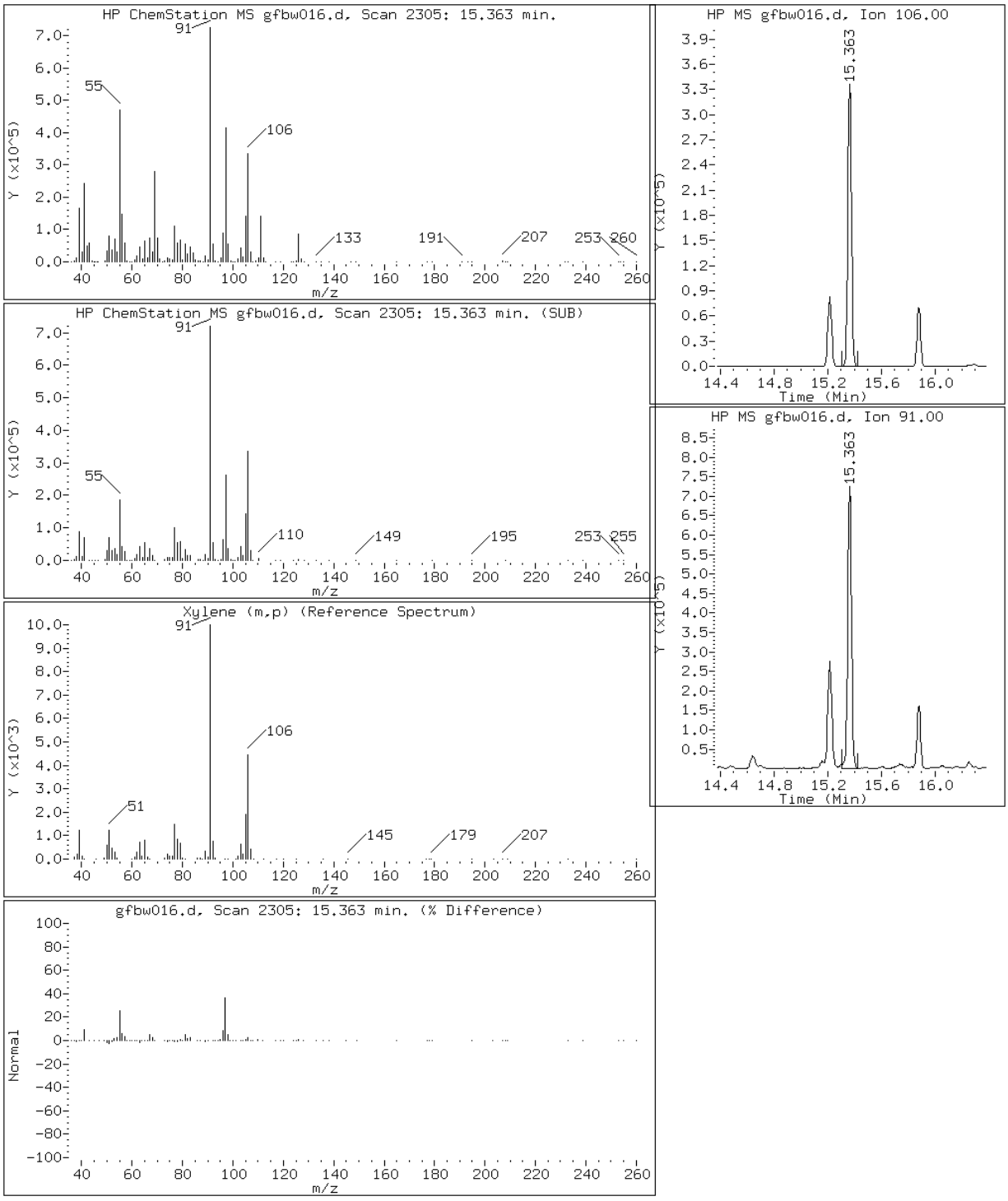
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

69 Xylene (m,p)



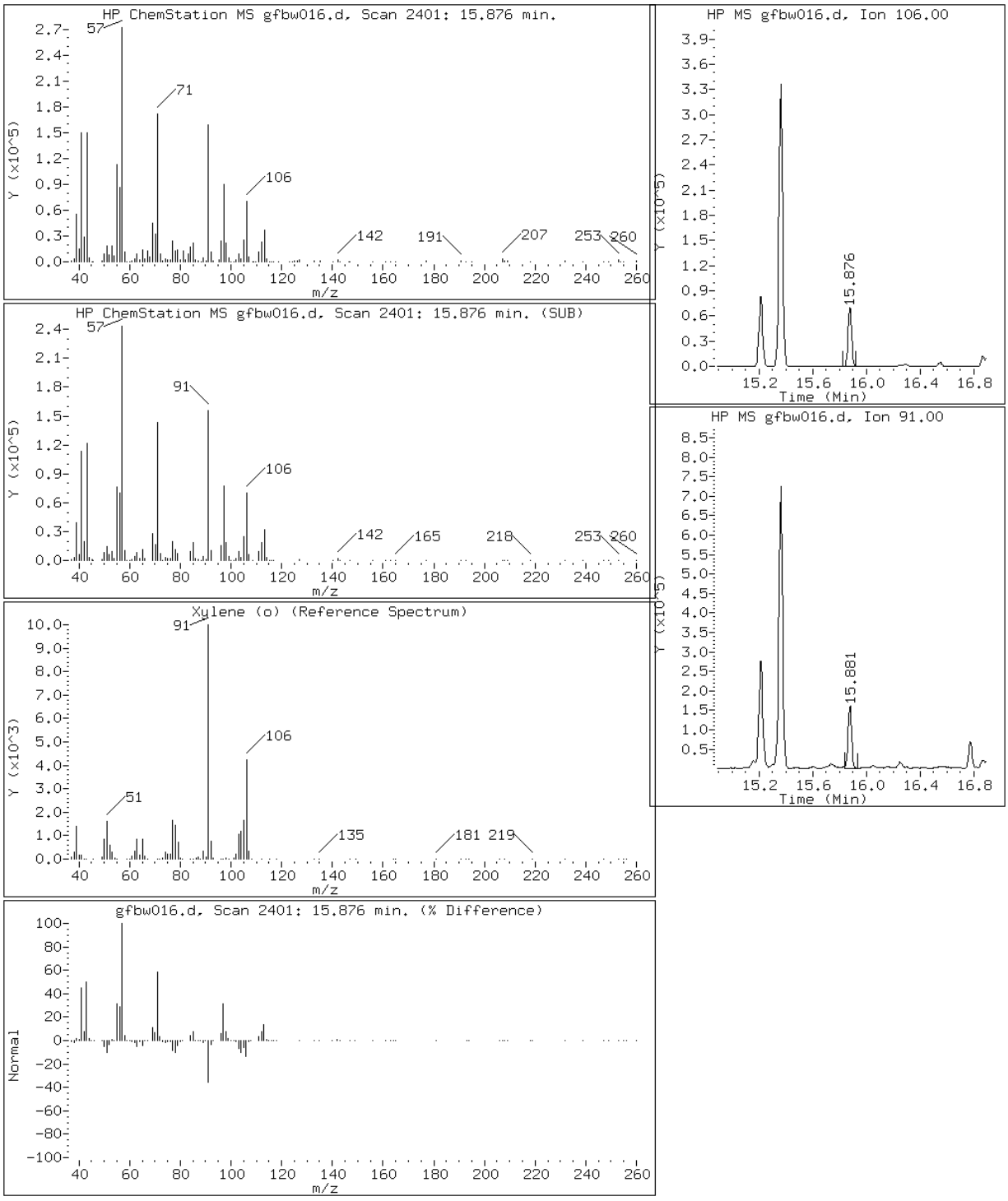
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

71 Xylene (o)



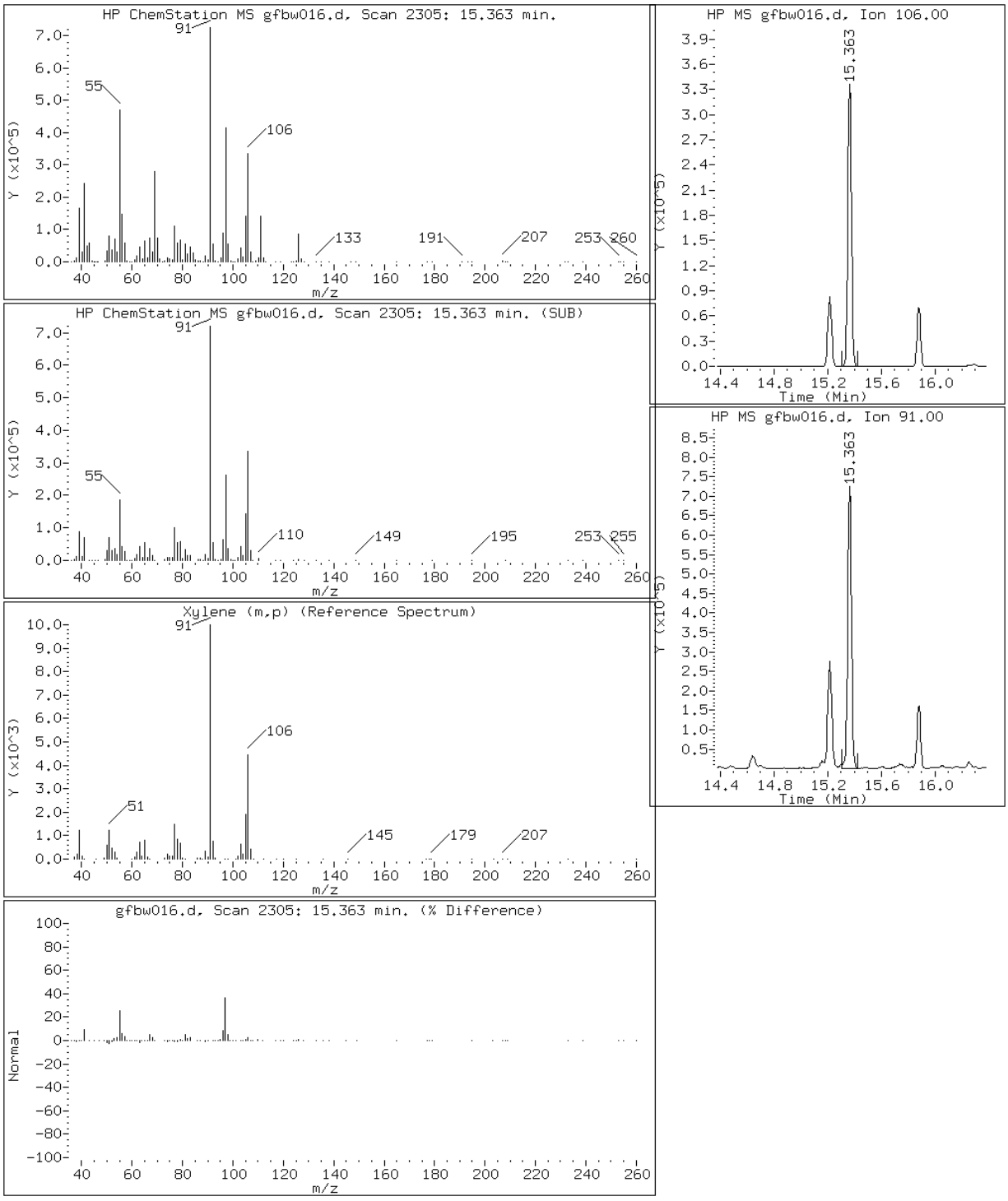
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

69 Xylene (m,p)



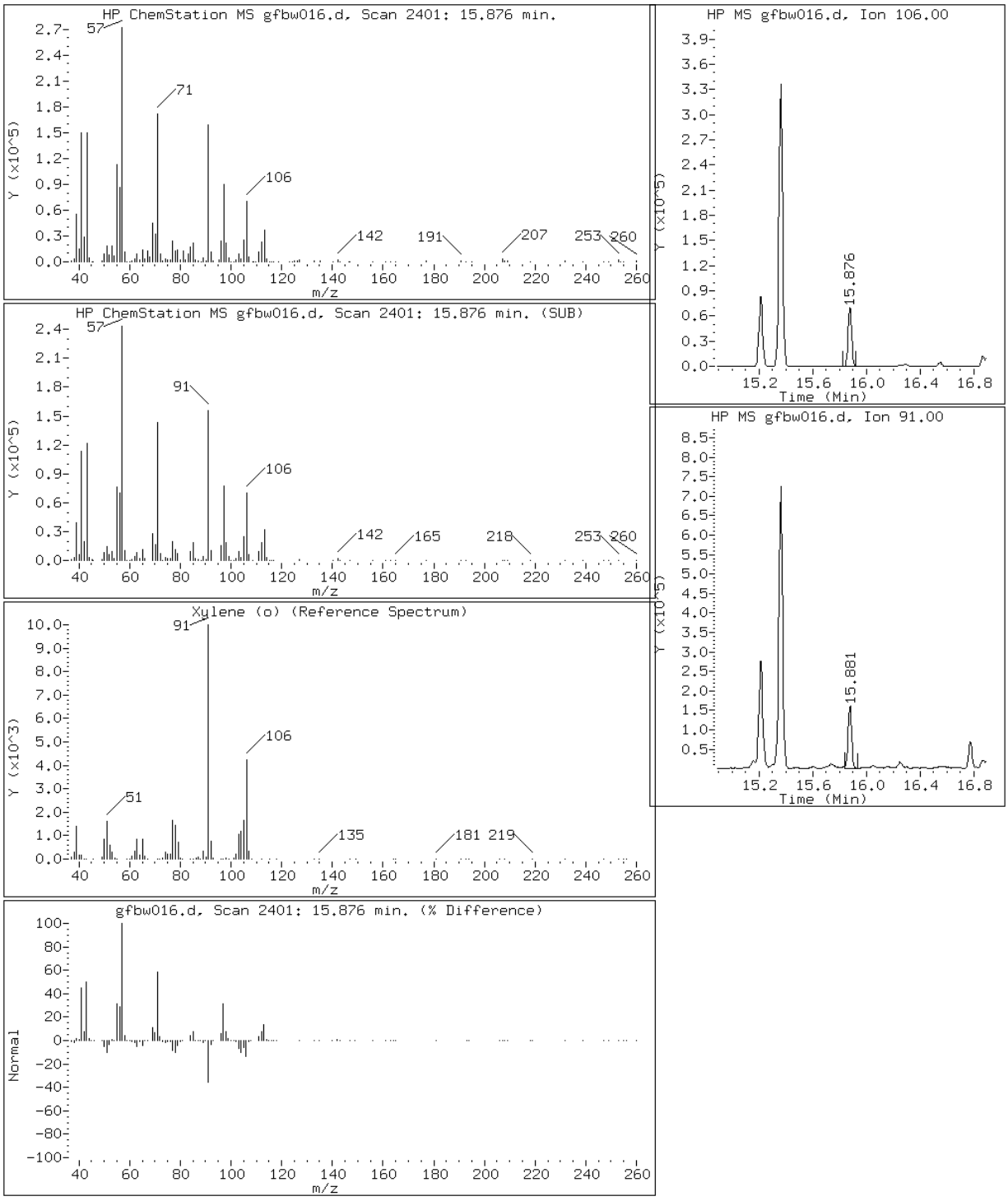
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

71 Xylene (o)



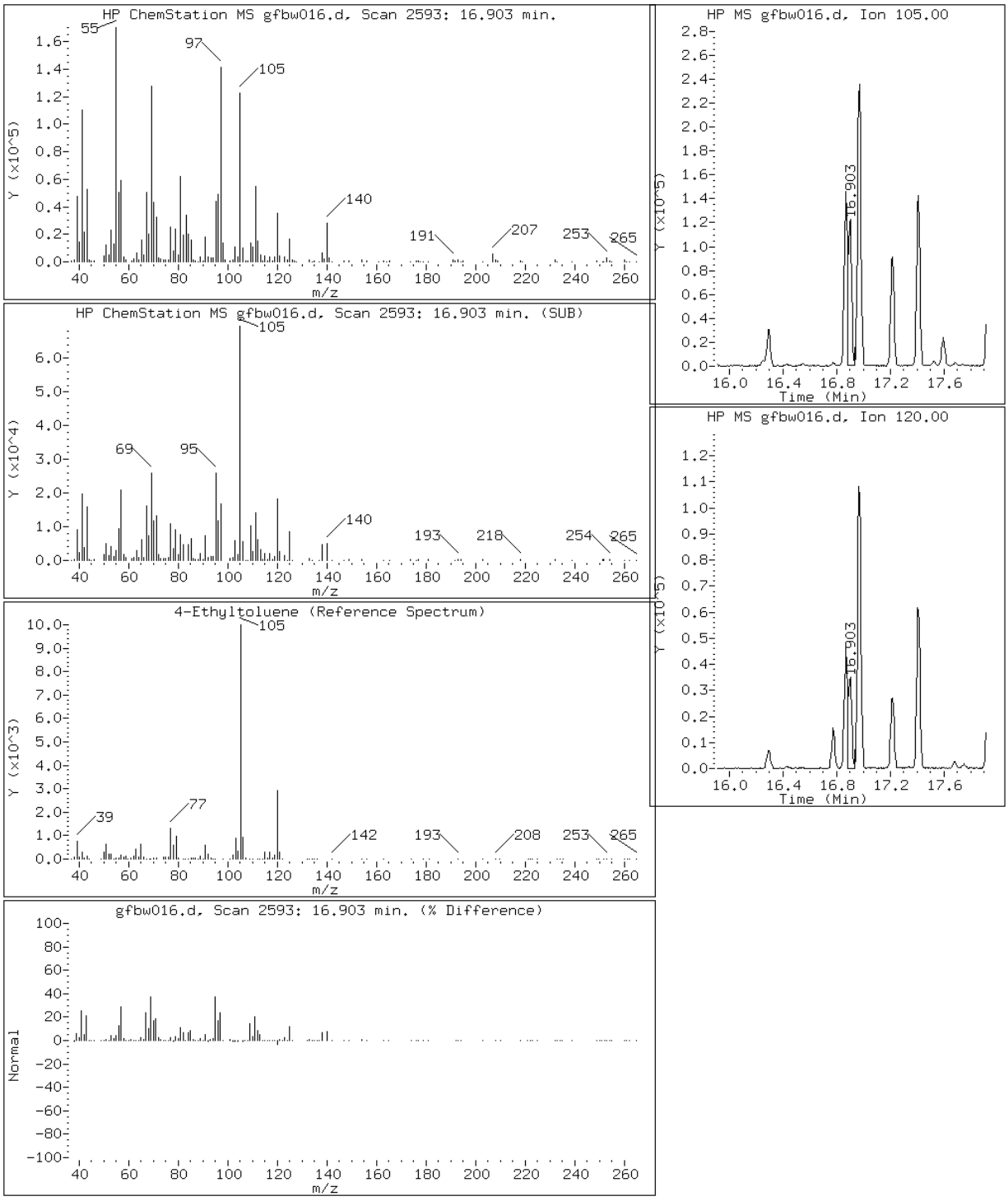
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

79 4-Ethyltoluene



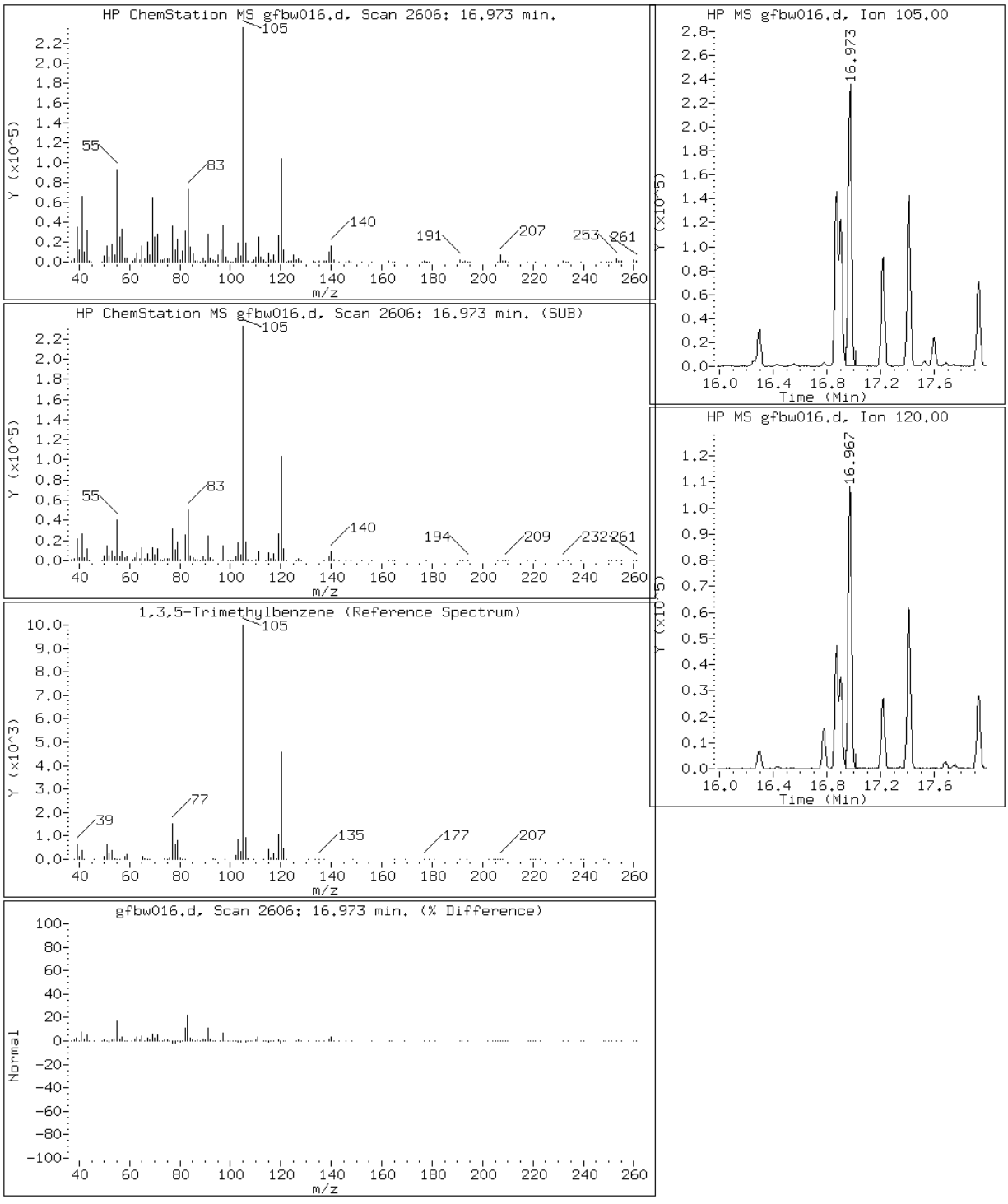
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

81 1,3,5-Trimethylbenzene



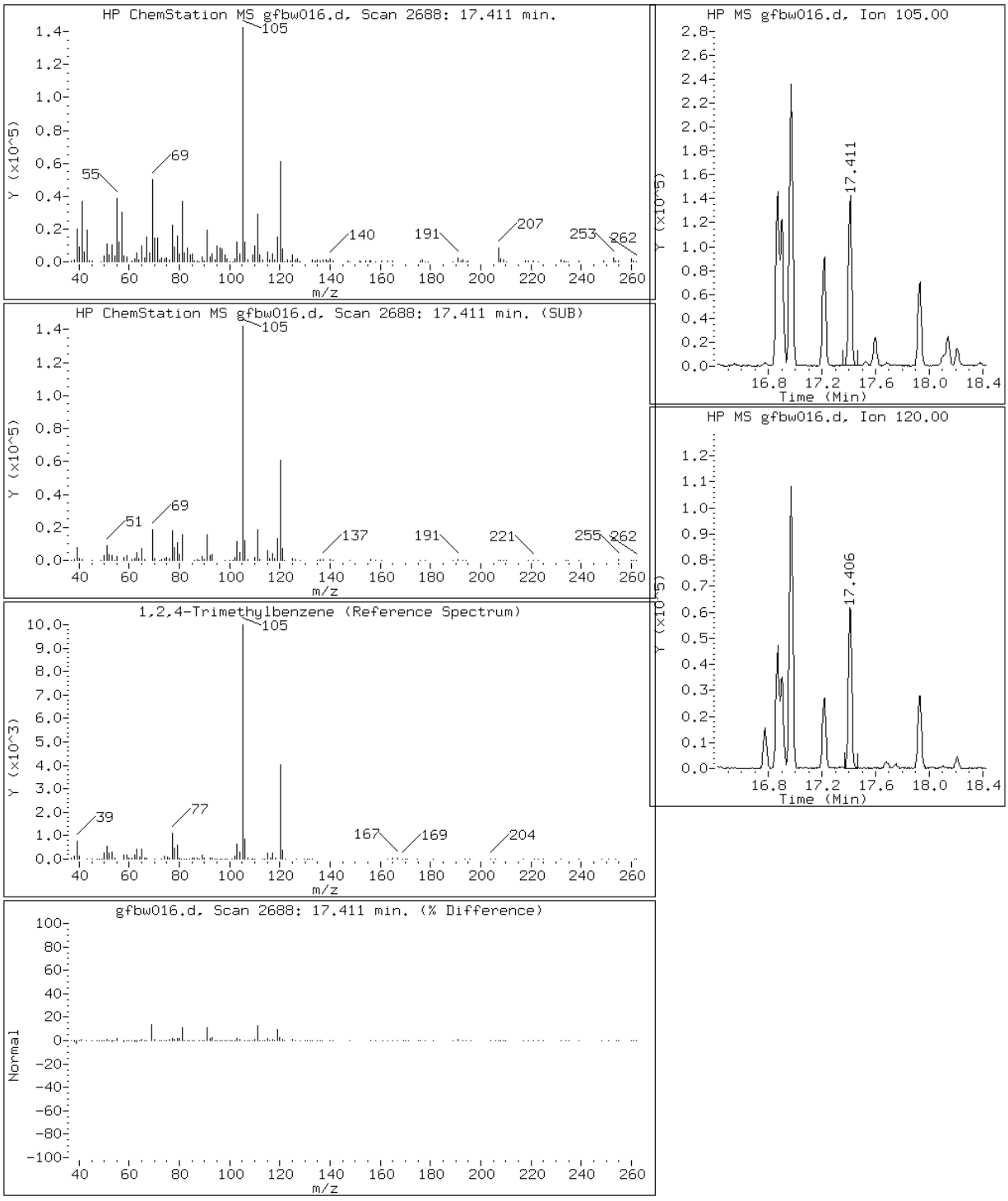
Data File: gfbw016.d

Lab Sample ID: 220-13862-4 Date: 06-NOV-2010 01:47

Client ID: CE-VAPOR-3 Instrument: G.i

Sample Info: 220-13862-A-4 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw016.d
Lab Sample ID: 220-13862-4
Inj. Date and Time: 06-NOV-2010 01:47
Instrument ID: G.i
Client ID: CE-VAPOR-3
Compound: 17 1,1,2-Trichloro-1,2,2-trifluo
CAS #: 76-13-1
Report Date: 11/06/2010

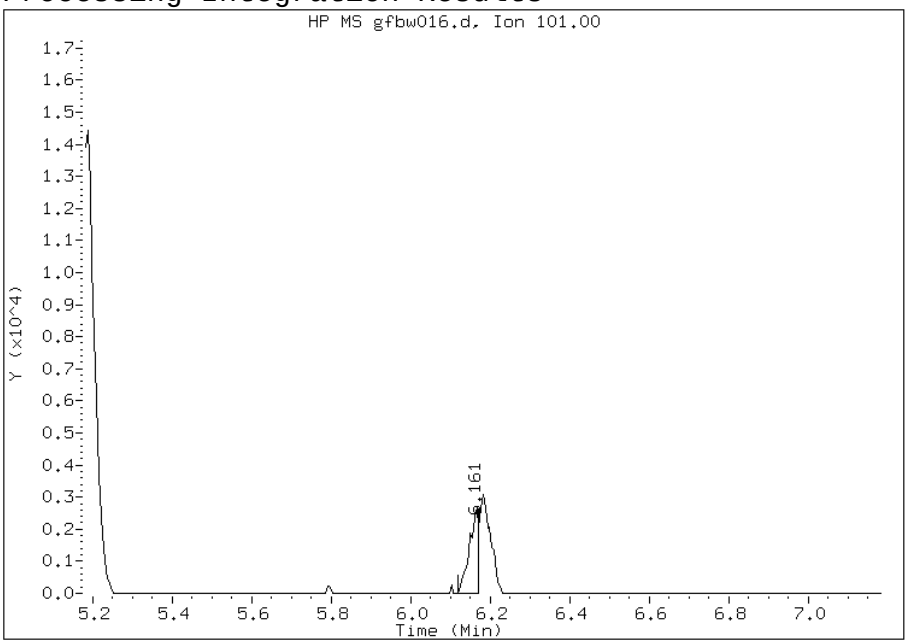
Processing Integration Results

RT: 6.16

Response: 4490

Amount: 0.046072

Conc: 0.046072



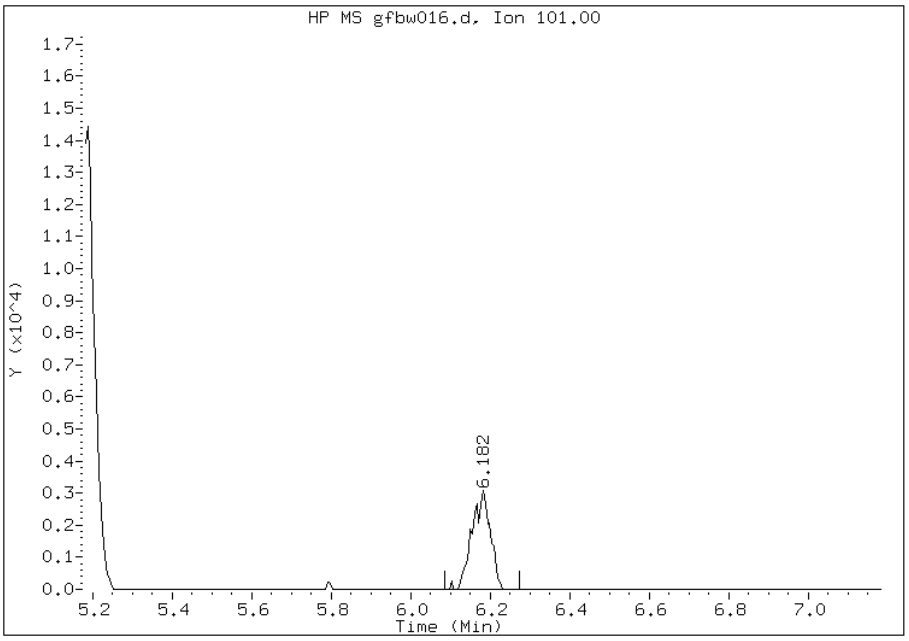
Manual Integration Results

RT: 6.18

Response: 9892

Amount: 0.101503

Conc: 0.101503



File Uploaded By: njr
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw016.d
Lab Sample ID: 220-13862-4
Inj. Date and Time: 06-NOV-2010 01:47
Instrument ID: G.i
Client ID: CE-VAPOR-3
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

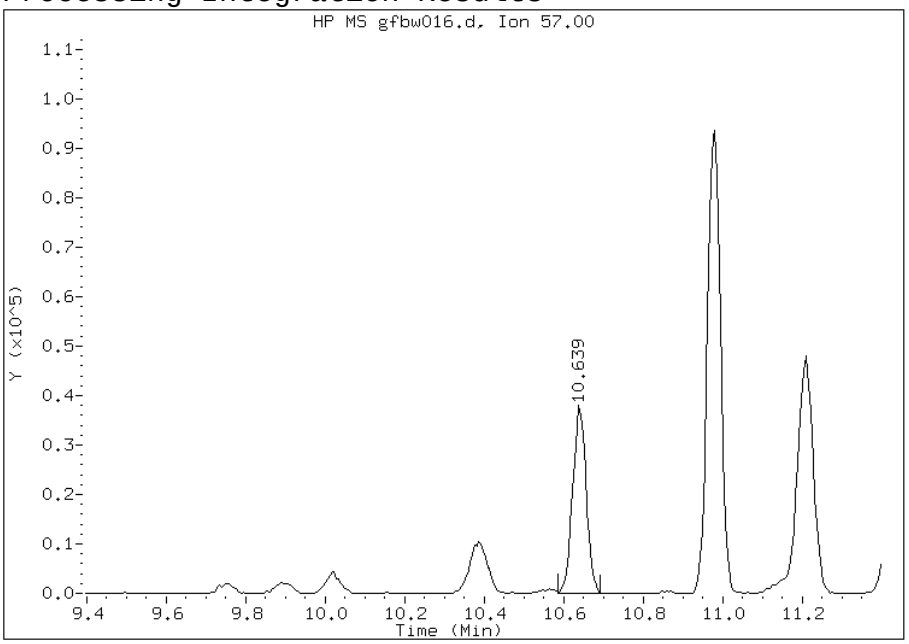
Processing Integration Results

RT: 10.64

Response: 90300

Amount: 0.491343

Conc: 0.491343



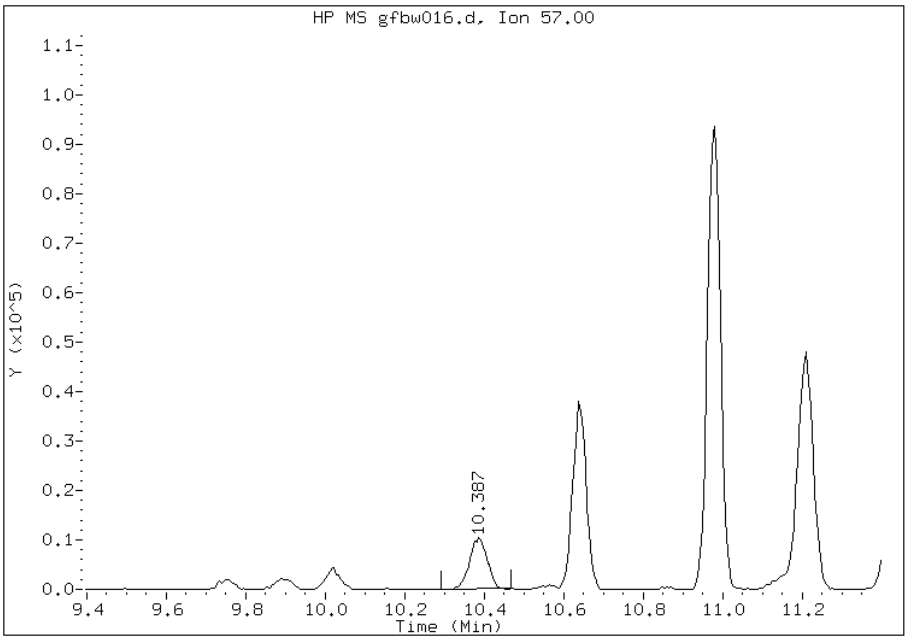
Manual Integration Results

RT: 10.39

Response: 30451

Amount: 0.165691

Conc: 0.165691



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.0	U	1.0	0.024
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.40	U	0.40	0.024
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.042
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.050
106-99-0	1,3-Butadiene	54.09	0.40	U	0.40	0.054
74-83-9	Bromomethane	94.94	0.40	U	0.40	0.028
75-00-3	Chloroethane	64.52	1.0	U	1.0	0.20
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.40	U	0.40	0.10
75-69-4	Trichlorofluoromethane	137.37	0.40	U	0.40	0.10
76-13-1	Freon TF	187.38	0.40	U	0.40	0.10
75-35-4	1,1-Dichloroethene	96.94	0.40	U	0.40	0.030
67-64-1	Acetone	58.08	10	U	10	2.0
67-63-0	Isopropyl alcohol	60.10	10	U	10	0.086
75-15-0	Carbon disulfide	76.14	1.0	U	1.0	0.10
107-05-1	3-Chloropropene	76.53	1.0	U	1.0	0.058
75-09-2	Methylene Chloride	84.93	1.0	U	1.0	0.060
75-65-0	tert-Butyl alcohol	74.12	10	U	10	0.20
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	0.40	0.026
156-60-5	trans-1,2-Dichloroethene	96.94	0.40	U	0.40	0.10
110-54-3	n-Hexane	86.17	0.54		0.40	0.046
75-34-3	1,1-Dichloroethane	98.96	0.40	U	0.40	0.026
78-93-3	Methyl Ethyl Ketone	72.11	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	96.94	0.40	U	0.40	0.10
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.20
67-66-3	Chloroform	119.38	0.40	U	0.40	0.10
109-99-9	Tetrahydrofuran	72.11	10	U	10	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.40	U	0.40	0.10
110-82-7	Cyclohexane	84.16	0.62		0.40	0.024
56-23-5	Carbon tetrachloride	153.81	0.40	U	0.40	0.10
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	U	0.40	0.026
71-43-2	Benzene	78.11	0.67		0.40	0.10
107-06-2	1,2-Dichloroethane	98.96	0.40	U	0.40	0.030
142-82-5	n-Heptane	100.21	2.0		0.40	0.054
79-01-6	Trichloroethene	131.39	0.40	U	0.40	0.028
78-87-5	1,2-Dichloropropane	112.99	0.40	U	0.40	0.032

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	10	U	10	0.070
75-27-4	Bromodichloromethane	163.83	0.40	U	0.40	0.10
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	0.40	0.10
108-10-1	methyl isobutyl ketone	100.16	1.0	U	1.0	0.13
108-88-3	Toluene	92.14	0.40	U	0.40	0.10
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	0.40	0.13
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	0.40	0.10
127-18-4	Tetrachloroethene	165.83	0.74		0.40	0.034
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.0	U	1.0	0.056
124-48-1	Dibromochloromethane	208.29	0.40	U	0.40	0.10
106-93-4	1,2-Dibromoethane	187.87	0.40	U	0.40	0.024
108-90-7	Chlorobenzene	112.30	0.40	U	0.40	0.10
100-41-4	Ethylbenzene	106.17	3.0		0.40	0.028
179601-23-1	m,p-Xylene	106.17	6.8		1.0	0.046
95-47-6	Xylene, o-	106.17	4.8		0.40	0.10
1330-20-7	Xylene (total)	106.17	12		0.40	0.30
100-42-5	Styrene	104.15	0.40	U	0.40	0.10
75-25-2	Bromoform	252.75	0.40	U	0.40	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.40	U	0.40	0.10
622-96-8	4-Ethyltoluene	120.20	0.40	U	0.40	0.13
108-67-8	1,3,5-Trimethylbenzene	120.20	2.6		0.40	0.13
95-49-8	2-Chlorotoluene	126.59	0.40	U	0.40	0.13
95-63-6	1,2,4-Trimethylbenzene	120.20	0.66		0.40	0.13
541-73-1	1,3-Dichlorobenzene	147.00	0.40	U	0.40	0.036
106-46-7	1,4-Dichlorobenzene	147.00	0.40	U	0.40	0.042
95-50-1	1,2-Dichlorobenzene	147.00	0.40	U	0.40	0.034
120-82-1	1,2,4-Trichlorobenzene	181.45	1.0	U	1.0	0.064
87-68-3	Hexachlorobutadiene	260.76	0.40	U	0.40	0.044

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	4.9	U	4.9	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.8	U	2.8	0.17
74-87-3	Chloromethane	50.49	2.1	U	2.1	0.087
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.13
106-99-0	1,3-Butadiene	54.09	0.88	U	0.88	0.12
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.11
75-00-3	Chloroethane	64.52	2.6	U	2.6	0.53
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.7	U	1.7	0.44
75-69-4	Trichlorofluoromethane	137.37	2.2	U	2.2	0.56
76-13-1	Freon TF	187.38	3.1	U	3.1	0.77
75-35-4	1,1-Dichloroethene	96.94	1.6	U	1.6	0.12
67-64-1	Acetone	58.08	24	U	24	4.7
67-63-0	Isopropyl alcohol	60.10	25	U	25	0.21
75-15-0	Carbon disulfide	76.14	3.1	U	3.1	0.31
107-05-1	3-Chloropropene	76.53	3.1	U	3.1	0.18
75-09-2	Methylene Chloride	84.93	3.5	U	3.5	0.21
75-65-0	tert-Butyl alcohol	74.12	30	U	30	0.61
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	1.4	0.094
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	1.6	0.40
110-54-3	n-Hexane	86.17	1.9		1.4	0.16
75-34-3	1,1-Dichloroethane	98.96	1.6	U	1.6	0.11
78-93-3	Methyl Ethyl Ketone	72.11	2.9	U	2.9	0.38
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	1.6	0.40
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.79
67-66-3	Chloroform	119.38	2.0	U	2.0	0.49
109-99-9	Tetrahydrofuran	72.11	29	U	29	0.59
71-55-6	1,1,1-Trichloroethane	133.41	2.2	U	2.2	0.55
110-82-7	Cyclohexane	84.16	2.1		1.4	0.083
56-23-5	Carbon tetrachloride	153.81	2.5	U	2.5	0.63
540-84-1	2,2,4-Trimethylpentane	114.23	1.9	U	1.9	0.12
71-43-2	Benzene	78.11	2.1		1.3	0.32
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	0.12
142-82-5	n-Heptane	100.21	8.2		1.6	0.22
79-01-6	Trichloroethene	131.39	2.1	U	2.1	0.15
78-87-5	1,2-Dichloropropane	112.99	1.8	U	1.8	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-4 Lab Sample ID: 220-13862-5

Matrix: Air Lab File ID: gfbw017.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:53

Sample wt/vol: 100(mL) Date Analyzed: 11/06/2010 02:35

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	36	U	36	0.25
75-27-4	Bromodichloromethane	163.83	2.7	U	2.7	0.67
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	1.8	0.45
108-10-1	methyl isobutyl ketone	100.16	4.1	U	4.1	0.52
108-88-3	Toluene	92.14	1.5	U	1.5	0.38
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	1.8	0.58
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	2.2	0.55
127-18-4	Tetrachloroethene	165.83	5.0		2.7	0.23
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.1	U	4.1	0.23
124-48-1	Dibromochloromethane	208.29	3.4	U	3.4	0.85
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.18
108-90-7	Chlorobenzene	112.30	1.8	U	1.8	0.46
100-41-4	Ethylbenzene	106.17	13		1.7	0.12
179601-23-1	m,p-Xylene	106.17	30		4.3	0.20
95-47-6	Xylene, o-	106.17	21		1.7	0.43
1330-20-7	Xylene (total)	106.17	50		1.7	1.3
100-42-5	Styrene	104.15	1.7	U	1.7	0.43
75-25-2	Bromoform	252.75	4.1	U	4.1	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	2.7	0.69
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.63
108-67-8	1,3,5-Trimethylbenzene	120.20	13		2.0	0.63
95-49-8	2-Chlorotoluene	126.59	2.1	U	2.1	0.66
95-63-6	1,2,4-Trimethylbenzene	120.20	3.3		2.0	0.63
541-73-1	1,3-Dichlorobenzene	147.00	2.4	U	2.4	0.22
106-46-7	1,4-Dichlorobenzene	147.00	2.4	U	2.4	0.25
95-50-1	1,2-Dichlorobenzene	147.00	2.4	U	2.4	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	7.4	U	7.4	0.47
87-68-3	Hexachlorobutadiene	260.76	4.3	U	4.3	0.47

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-5
Client Smp ID: CE-VAPOR-4
Inj Date : 06-NOV-2010 02:35
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-5
Misc Info : 100,2,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 08-Nov-2010 10:05 klp Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 15
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	39777	0.25711	0.51(aM)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.684	4.700	(0.489)	2571	0.13691	0.27(a)
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.182	5.187	(0.541)	27927	0.17165	0.34(a)
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.166	6.182	(0.644)	4345	0.04349	0.087(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	124947	2.08911	4.2(a)
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

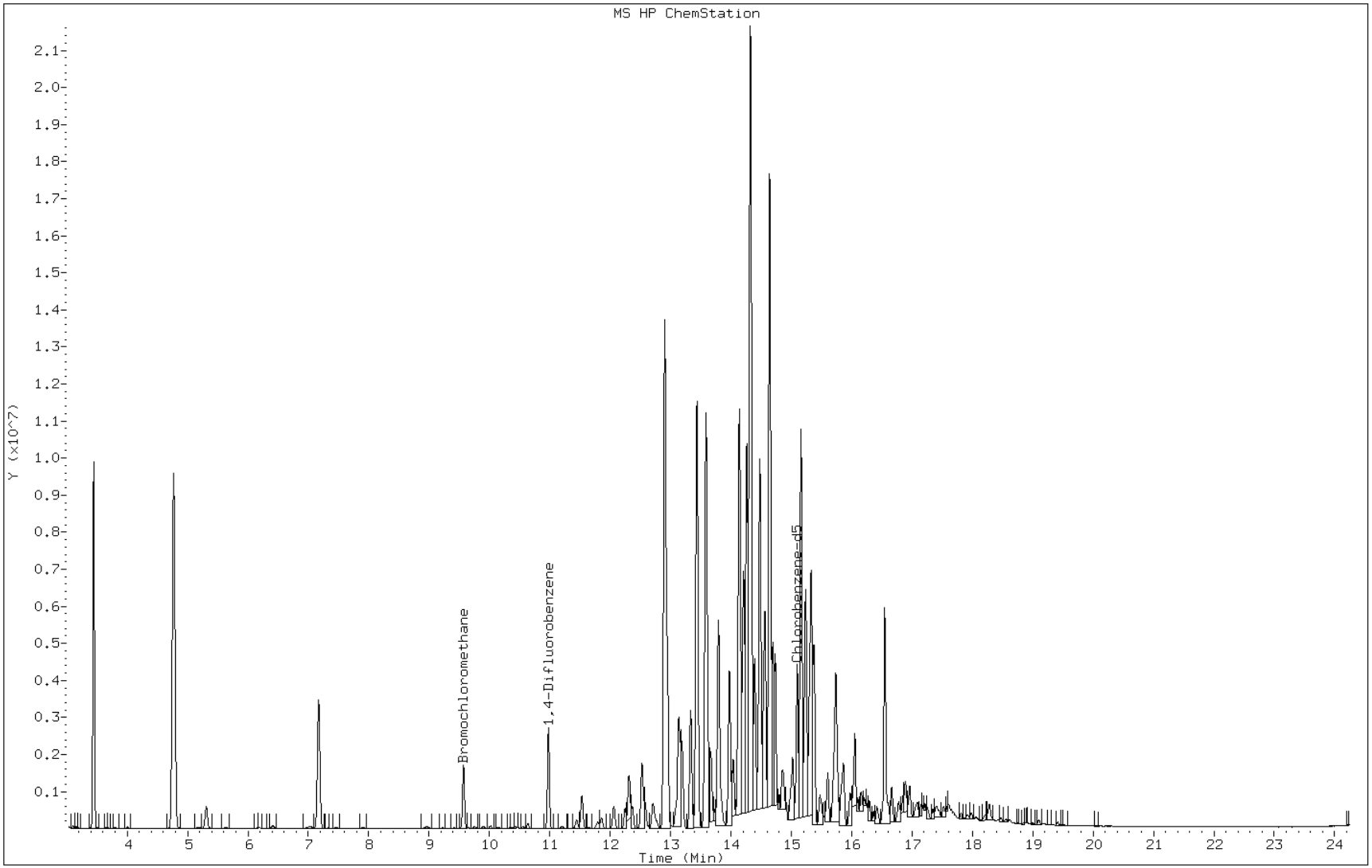
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.177	7.199	(0.750)	18300	0.38287	0.77(aQH)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.905	7.910	(0.826)	15738	0.26917	0.54
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.221	9.232	(0.963)	4791	0.26996	0.54(aQ)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	552947	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.643	9.665	(1.007)	12317	0.10835	0.22(a)
	40 Cyclohexane	84	9.900	9.916	(0.902)	18014	0.31226	0.62(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.920)	7116	0.04722	0.094(a)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.946)	12758	0.06747	0.13(aQ)
	44 Benzene	78	10.430	10.451	(0.950)	47255	0.33470	0.67
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	10.639	10.655	(0.969)	68667	1.00247	2.0
*	47 1,4-Difluorobenzene	114	10.976	11.002	(1.000)	2681032	10.0000	
	49 Trichloroethene	95	11.334	11.355	(1.033)	3609	0.04863	0.097(aQMH)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.896	13.913	(0.920)	41092	0.36899	0.74
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2546488	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.007)	343972	1.51361	3.0
	69 Xylene (m,p)	106	15.362	15.378	(1.017)	294255	3.40989	6.8(Q)
M	70 Xylenes, Total	106				501185	5.80255	12
	71 Xylene (o)	106	15.876	15.892	(1.051)	206930	2.39266	4.8
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.903	16.914	(1.119)	24544	0.09369	0.19(a)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	294451	1.31072	2.6
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	73584	0.33093	0.66
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File:	gfbw017.d	Date:	06-NOV-2010 02:35
Client ID:	CE-VAPOR-4	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-5		
Lab Sample ID:	220-13862-5		



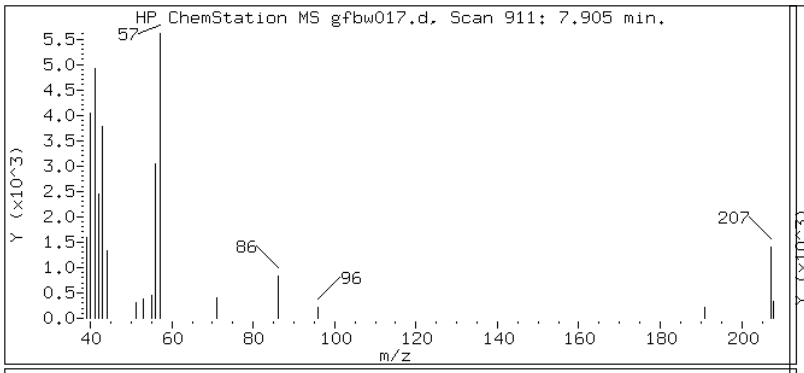
Data File: gfbw017.d

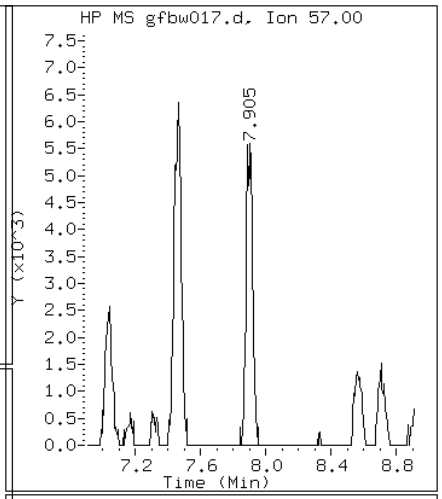
Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

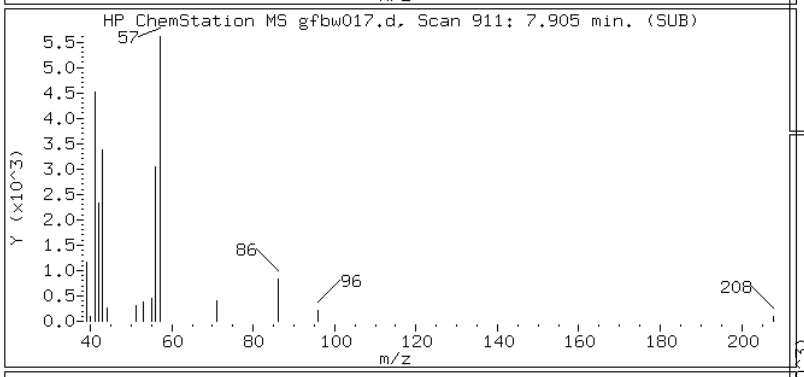
Client ID: CE-VAPOR-4 Instrument: G.i

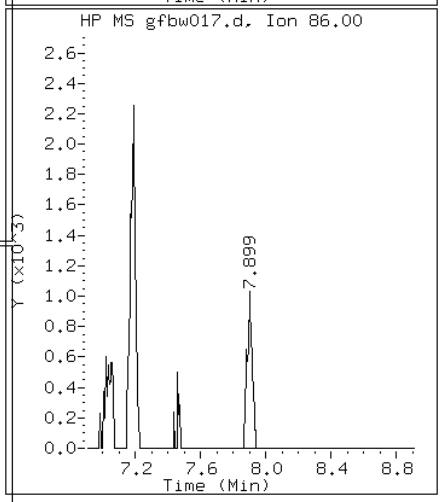
Sample Info: 220-13862-A-5 Operator: wrd

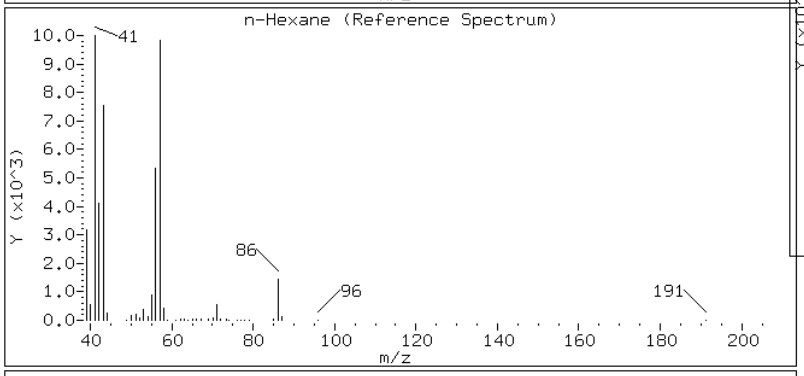
30 n-Hexane

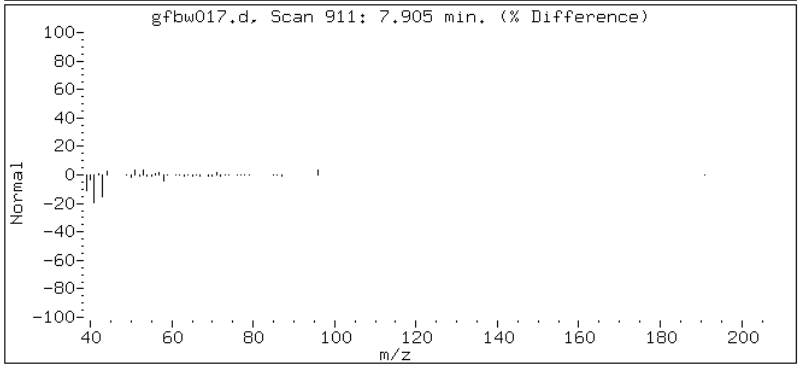












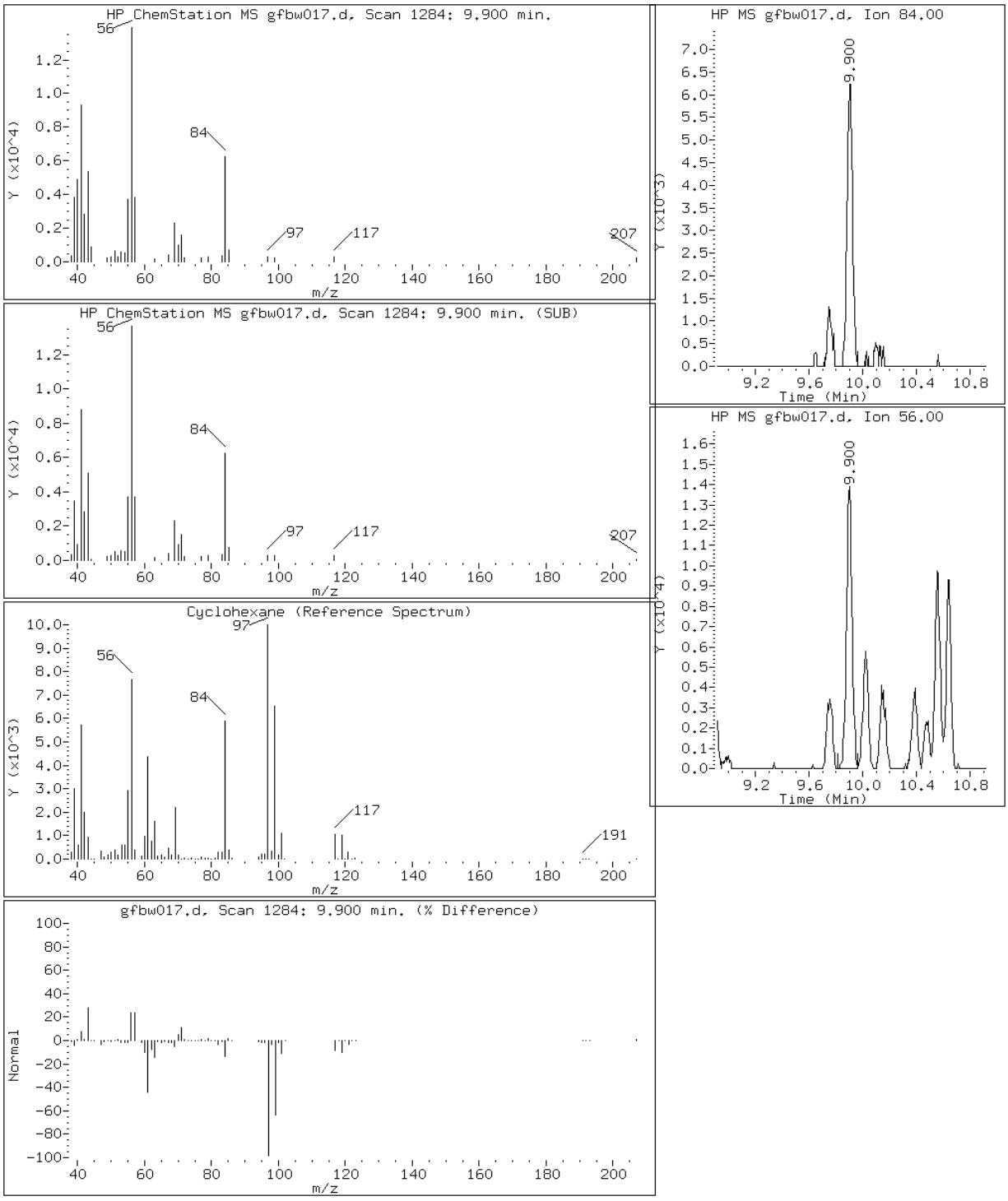
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

40 Cyclohexane



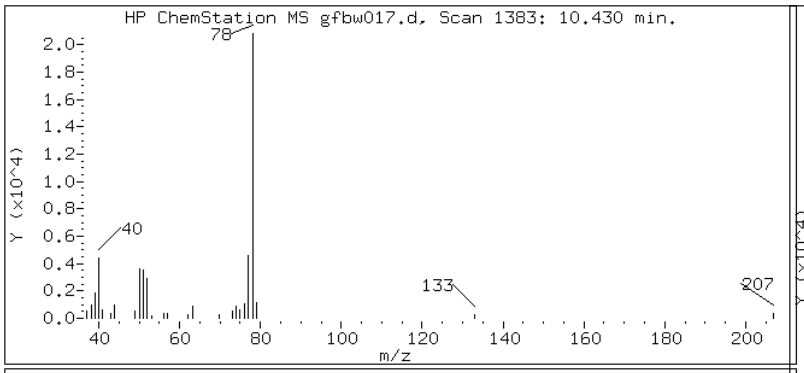
Data File: gfbw017.d

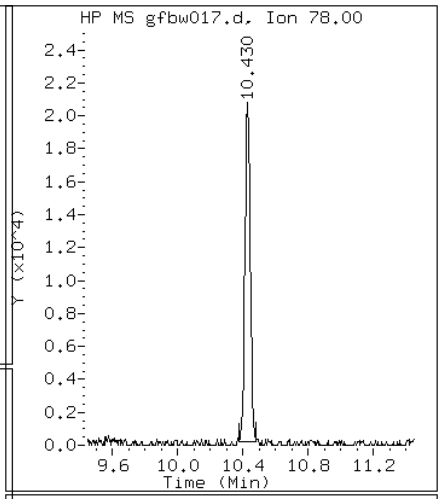
Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

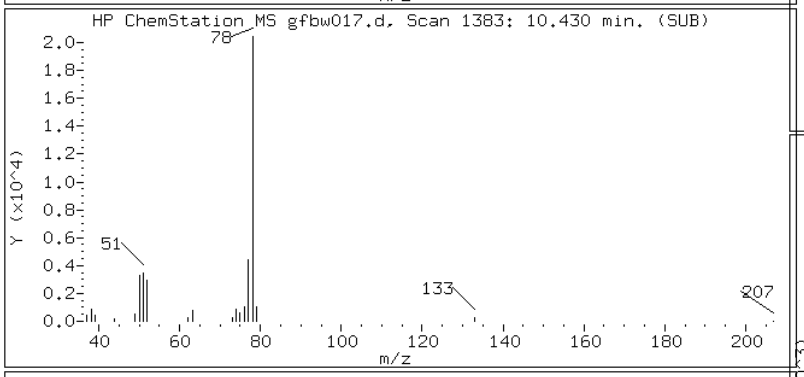
Client ID: CE-VAPOR-4 Instrument: G.i

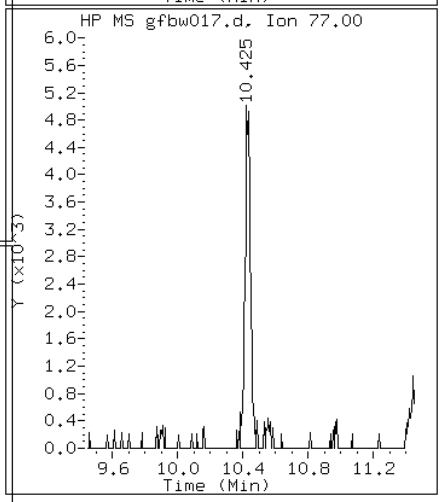
Sample Info: 220-13862-A-5 Operator: wrd

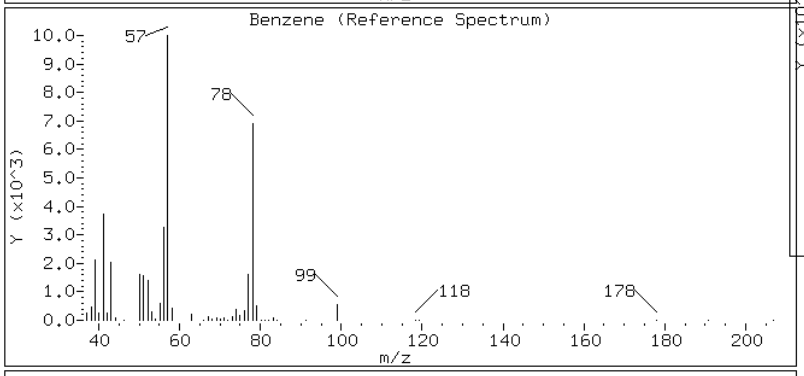
44 Benzene

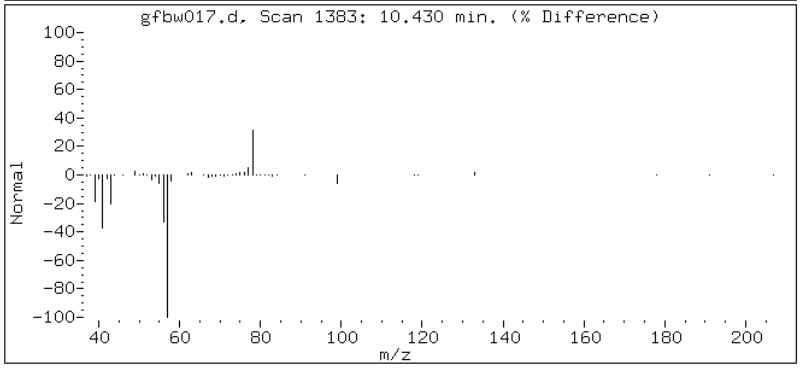












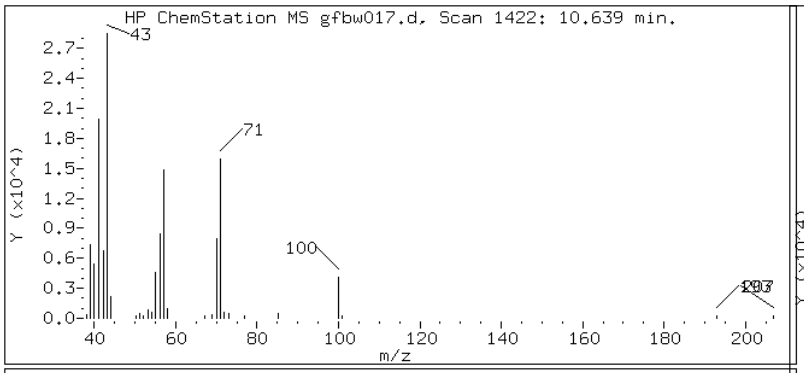
Data File: gfbw017.d

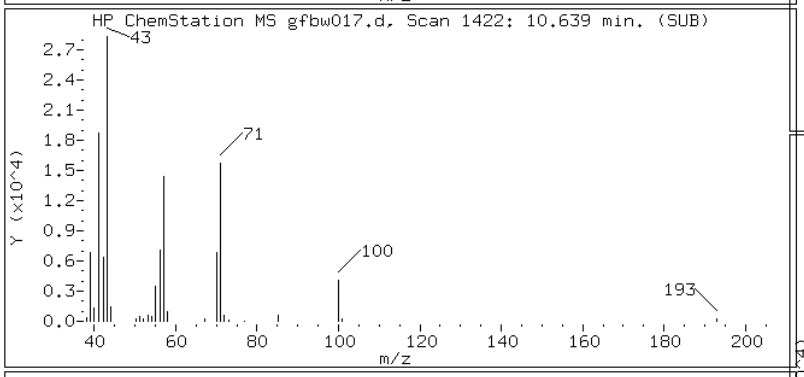
Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

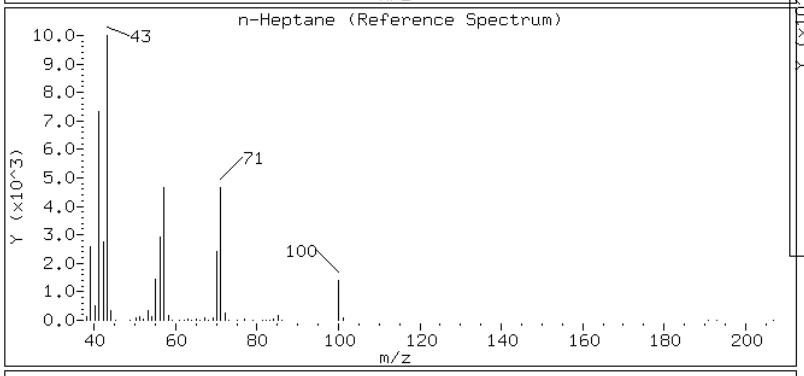
Client ID: CE-VAPOR-4 Instrument: G.i

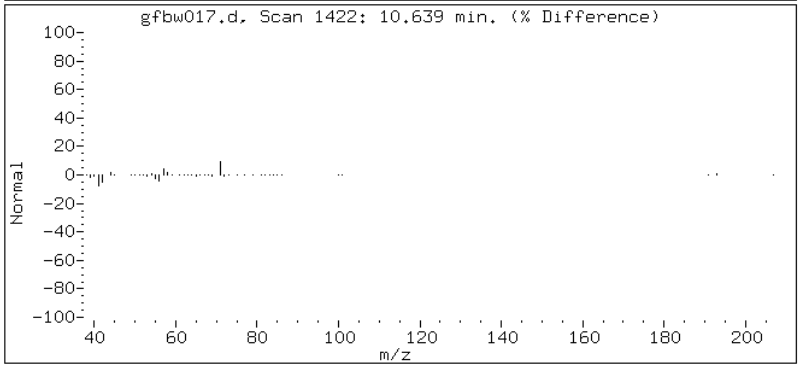
Sample Info: 220-13862-A-5 Operator: wrd

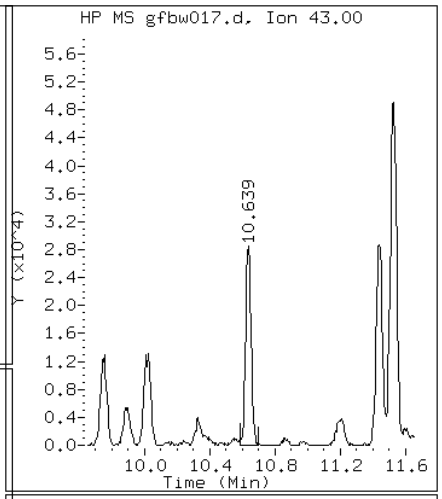
46 n-Heptane

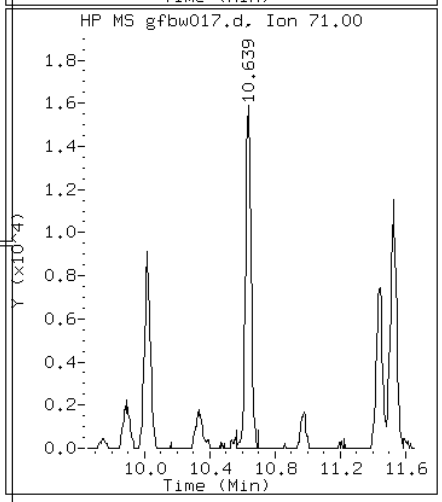












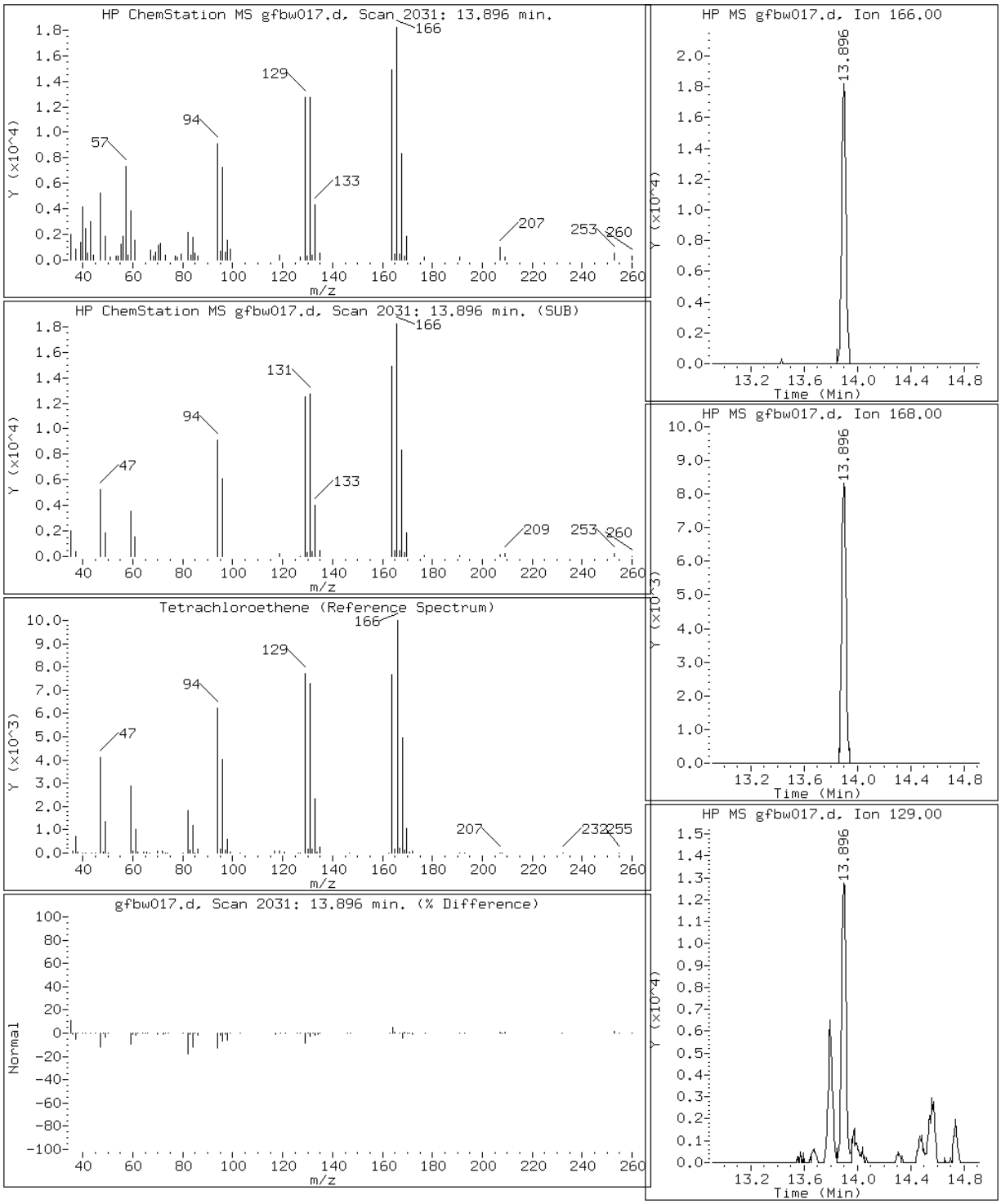
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

61 Tetrachloroethene



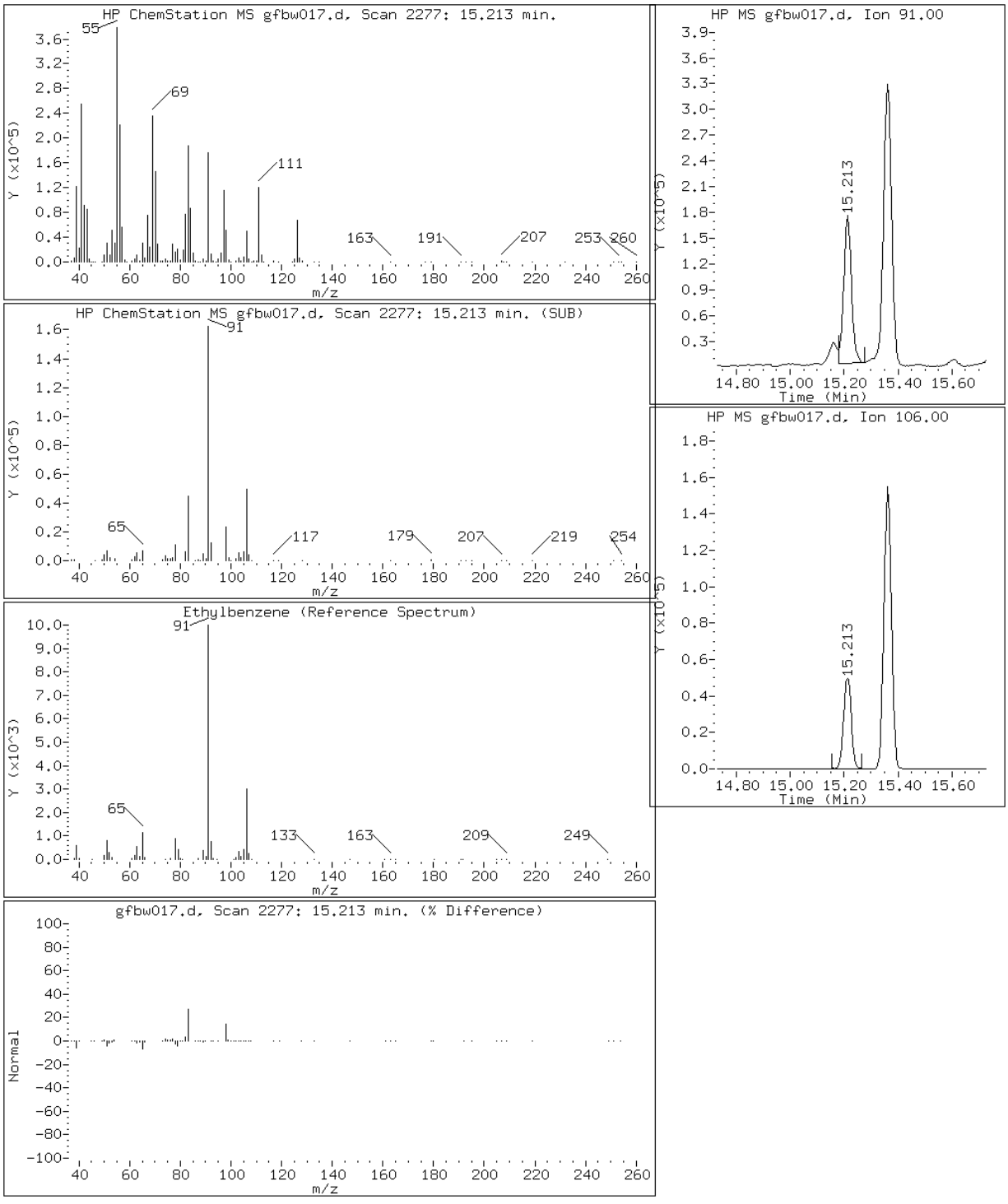
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

68 Ethylbenzene



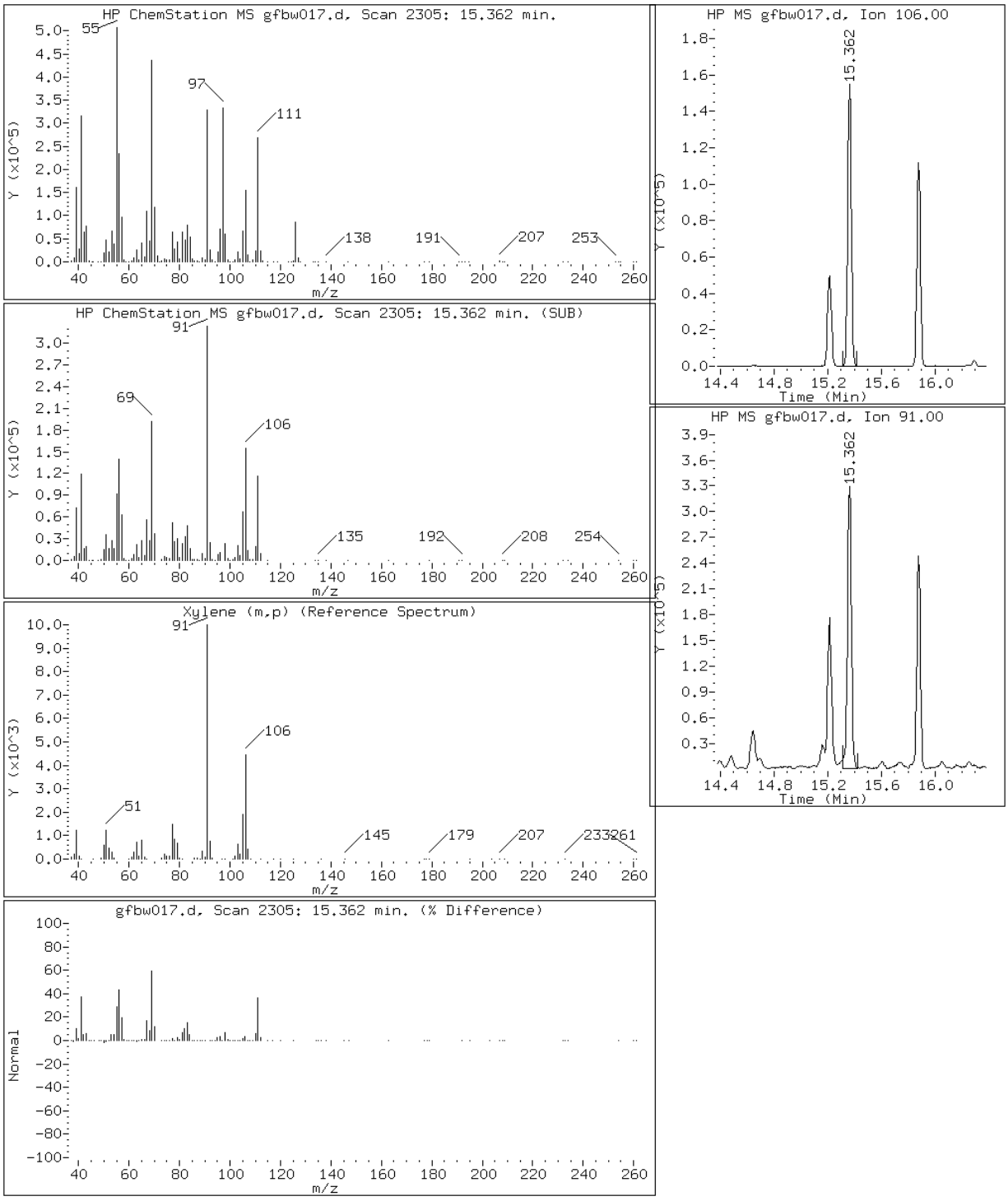
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

69 Xylene (m,p)



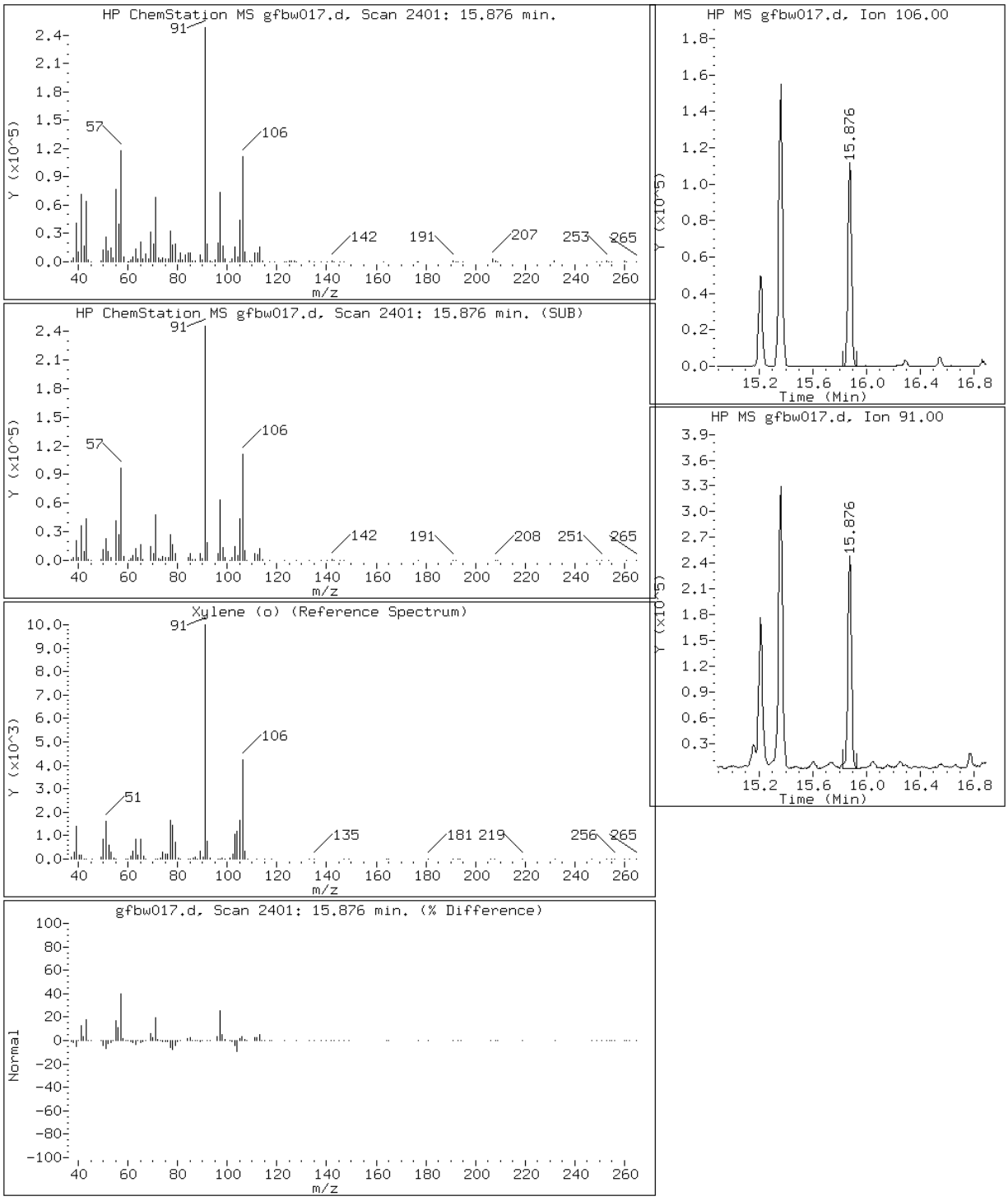
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

71 Xylene (o)



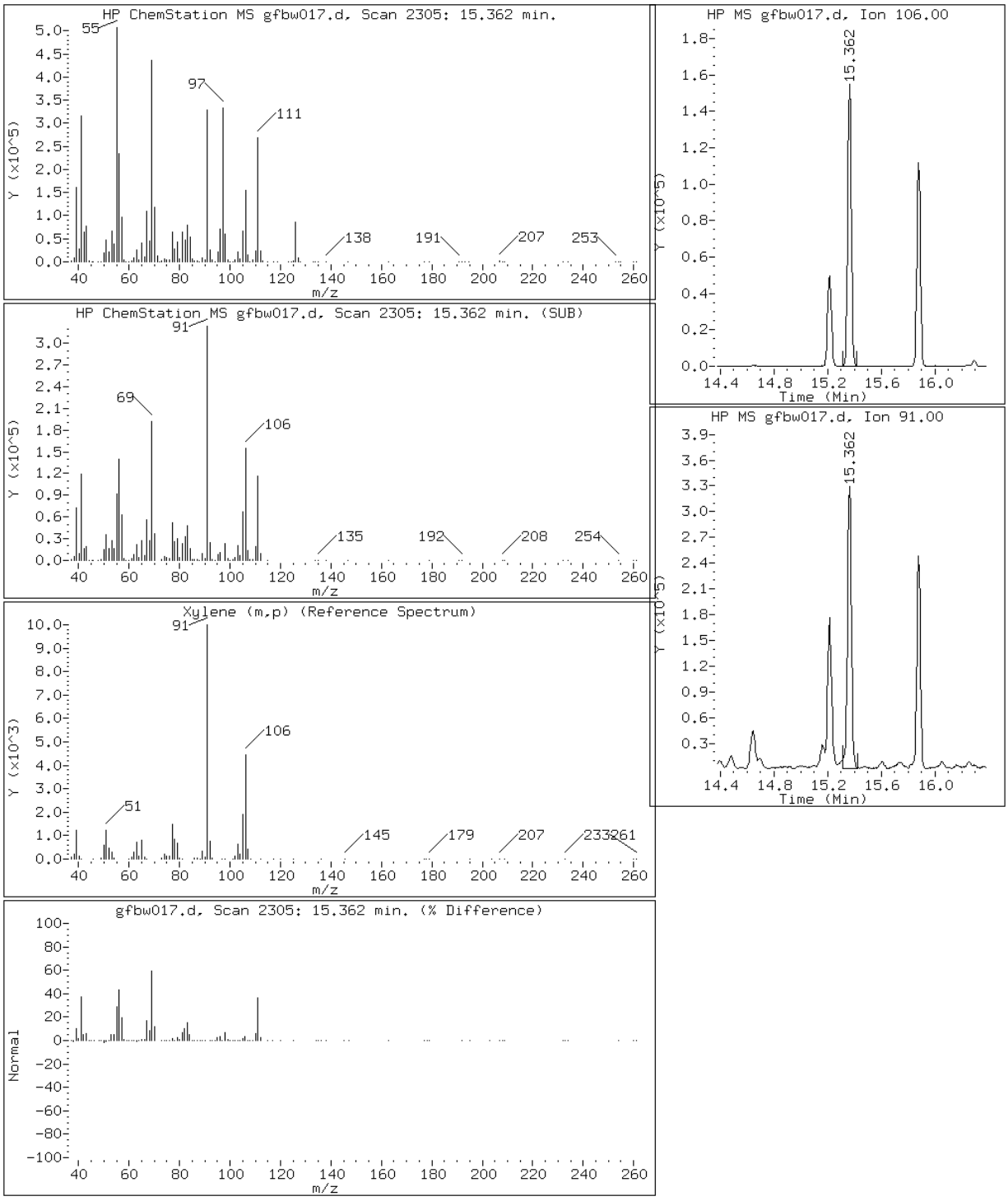
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

69 Xylene (m,p)



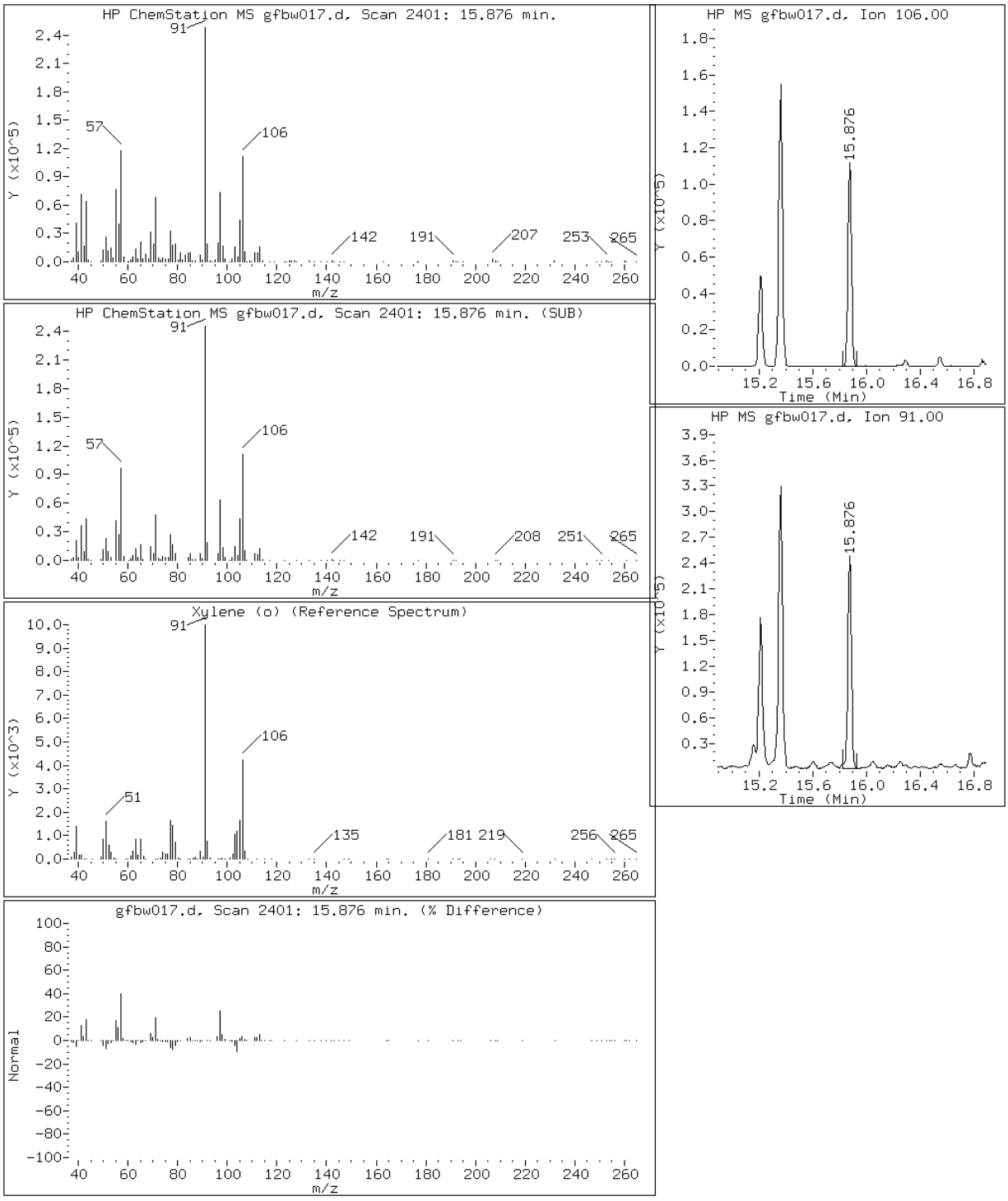
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

71 Xylene (o)



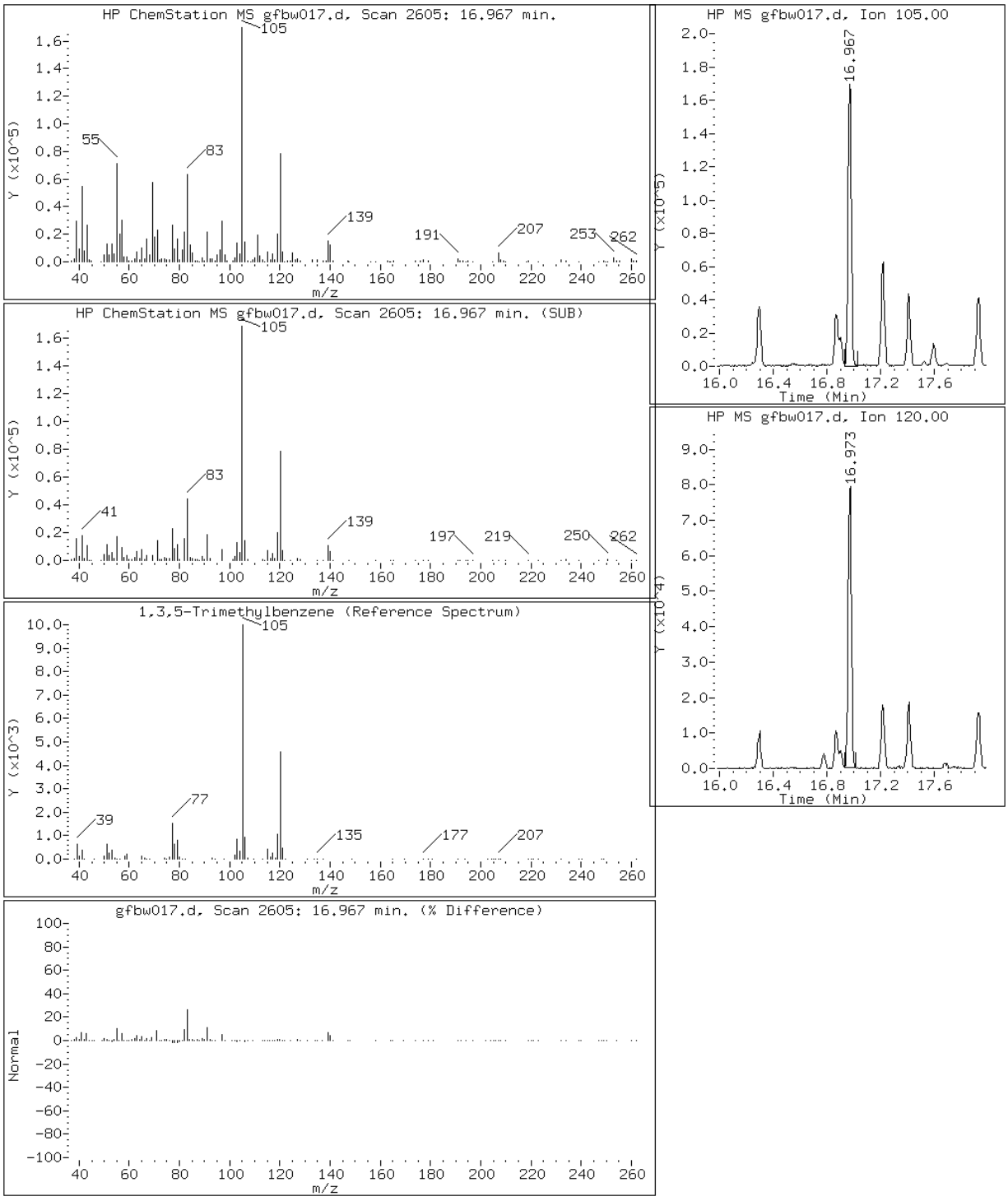
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

81 1,3,5-Trimethylbenzene



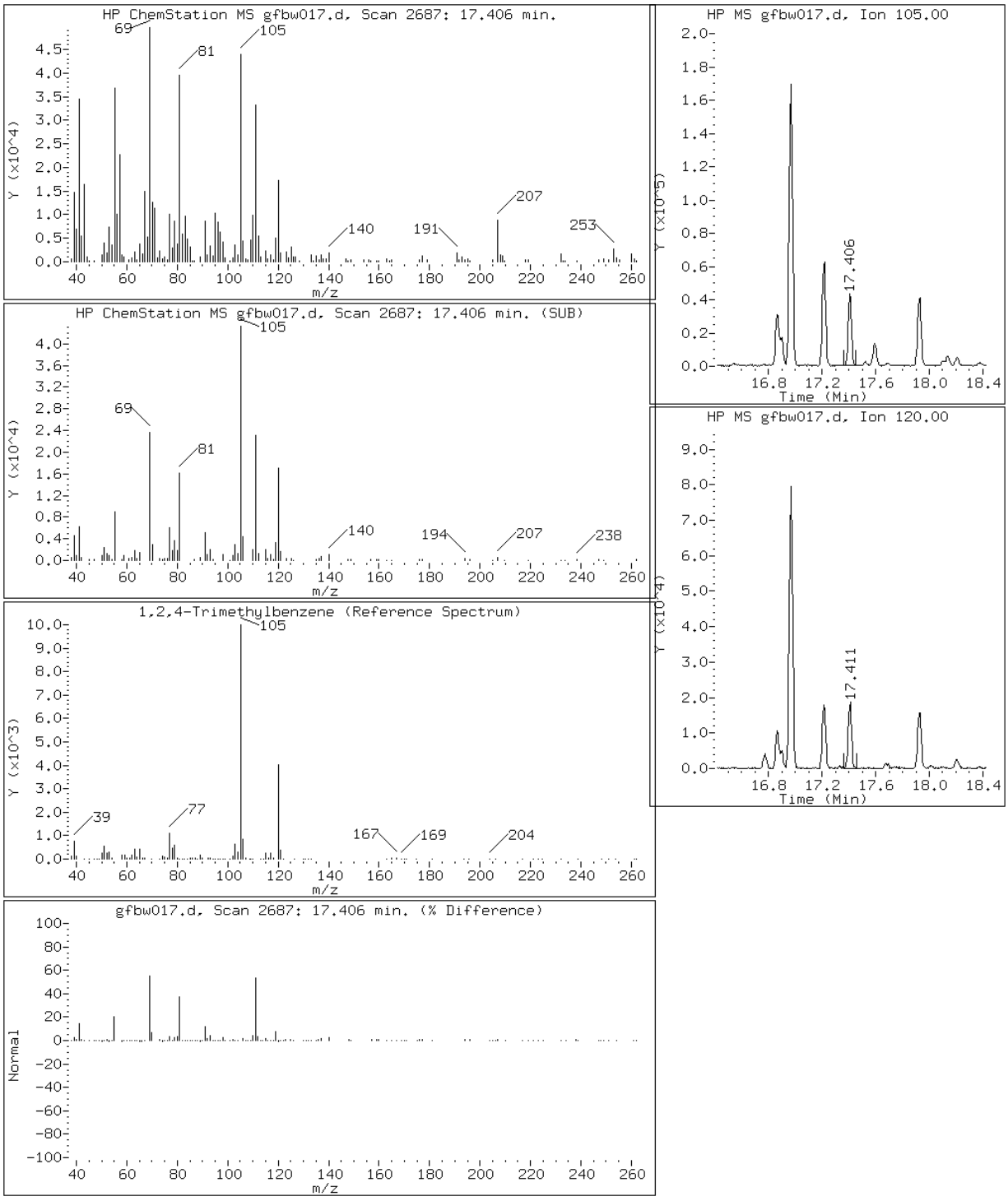
Data File: gfbw017.d

Lab Sample ID: 220-13862-5 Date: 06-NOV-2010 02:35

Client ID: CE-VAPOR-4 Instrument: G.i

Sample Info: 220-13862-A-5 Operator: wrd

84 1,2,4-Trimethylbenzene



Manual Integration Report

Data File: gfbw017.d
Lab Sample ID: 220-13862-5
Inj. Date and Time: 06-NOV-2010 02:35
Instrument ID: G.i
Client ID: CE-VAPOR-4
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 11/08/2010

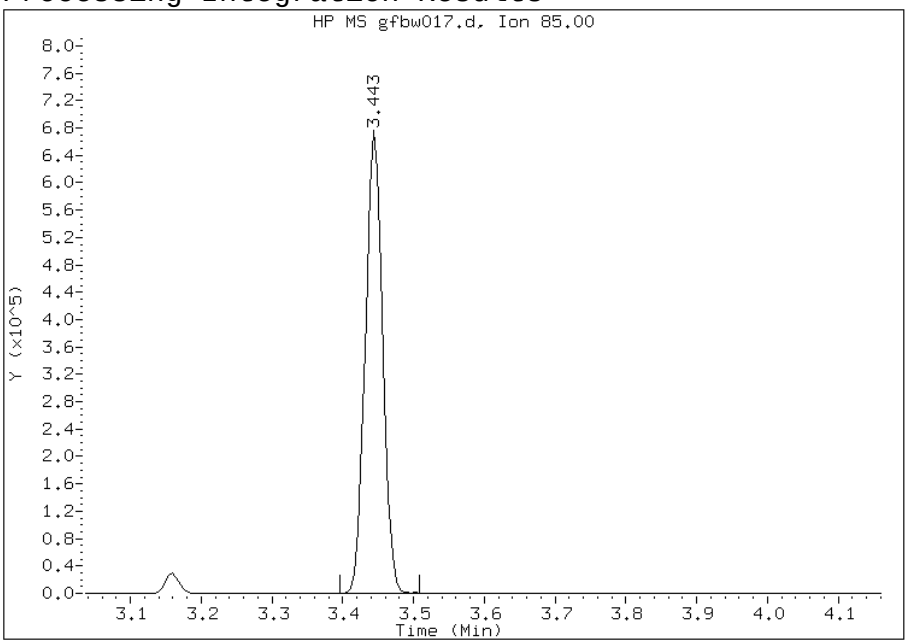
Processing Integration Results

RT: 3.44

Response: 1161174

Amount: 7.51

Conc: 15.01



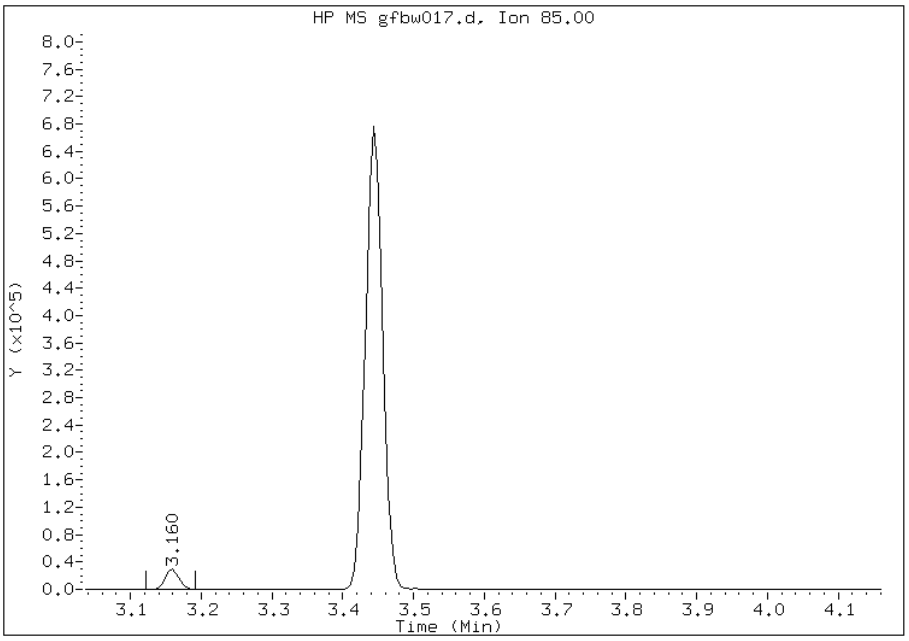
Manual Integration Results

RT: 3.16

Response: 39777

Amount: 0.257109

Conc: 0.514217



File Uploaded By: klp
Manual Integration Reason: Analyte misidentified by the data system

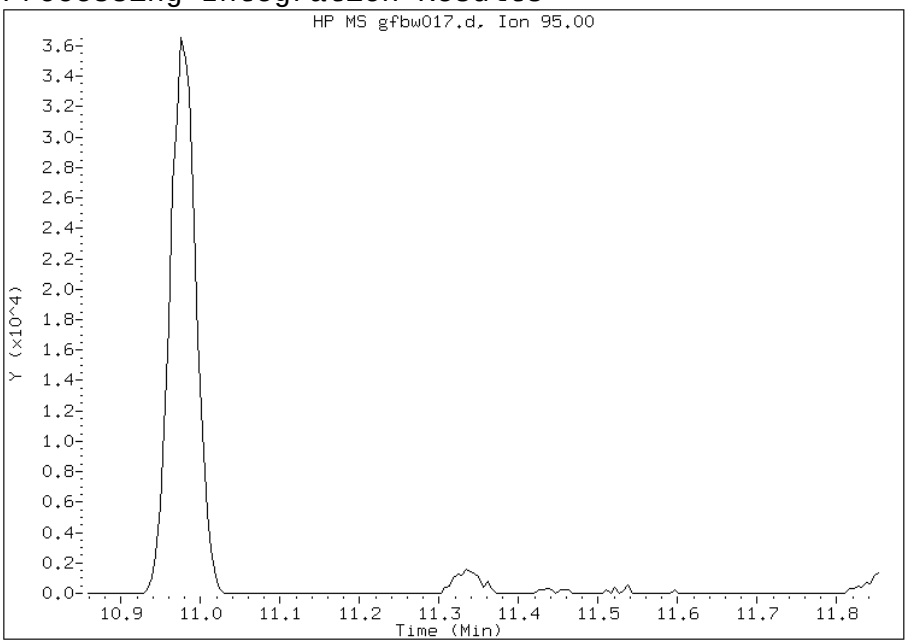
Manual Integration Report

Data File: gfbw017.d
Lab Sample ID: 220-13862-5
Inj. Date and Time: 06-NOV-2010 02:35
Instrument ID: G.i
Client ID: CE-VAPOR-4
Compound: 49 Trichloroethene
CAS #: 79-01-6
Report Date: 11/08/2010

Processing Integration Results

Not Detected

Expected RT: 11.36



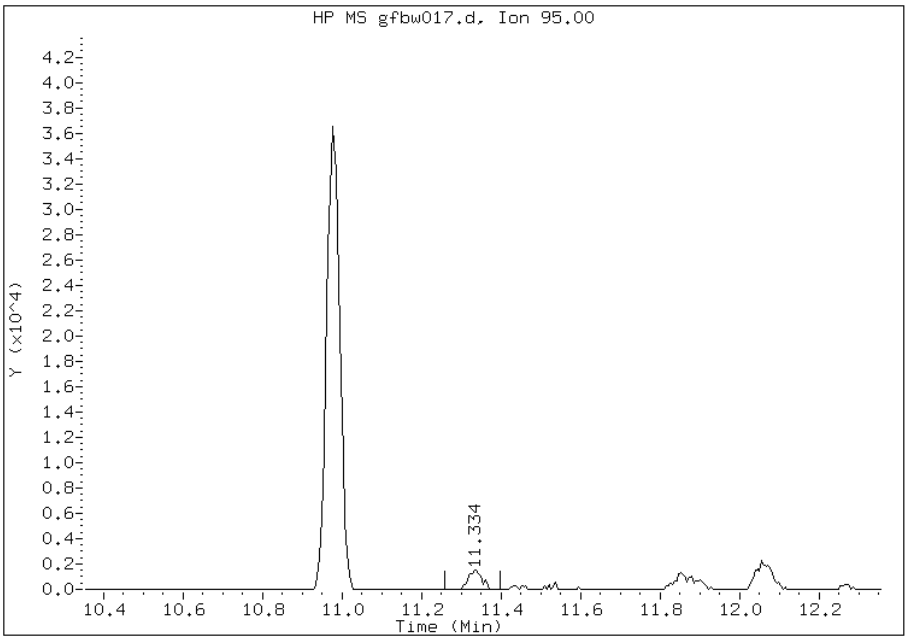
Manual Integration Results

RT: 11.33

Response: 3609

Amount: 0.048626

Conc: 0.097253



File Uploaded By: klp
Manual Integration Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	1.1		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	9.4		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.64		0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.28		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.95		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.92		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.29		0.20	0.015
142-82-5	n-Heptane	100.21	0.22		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.72		0.50	0.064
108-88-3	Toluene	92.14	2.5		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.37		0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.95		0.50	0.023
95-47-6	Xylene, o-	106.17	0.22		0.20	0.050
1330-20-7	Xylene (total)	106.17	1.2		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	2.3		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	22		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	2.0		1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	1.0		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	2.8		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	2.9		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	1.2		0.81	0.061
142-82-5	n-Heptane	100.21	0.89		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-5 Lab Sample ID: 220-13862-6

Matrix: Air Lab File ID: gfbw018.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:03

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 03:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.9		2.0	0.26
108-88-3	Toluene	92.14	9.6		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	1.6		0.87	0.061
179601-23-1	m,p-Xylene	106.17	4.1		2.2	0.10
95-47-6	Xylene, o-	106.17	0.96		0.87	0.22
1330-20-7	Xylene (total)	106.17	5.1		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-6
Client Smp ID: CE-VAPOR-5
Inj Date : 06-NOV-2010 03:24
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-6
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 08-Nov-2010 10:05 klp Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	74680	0.48935	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	31143	1.12894	1.1
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	2017	0.08805	0.088(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.187	5.187	(0.542)	41760	0.26020	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.646)	8314	0.08437	0.084(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.412	6.423	(0.670)	552216	9.35994	9.4
21 Carbon disulfide	76	6.648	6.658	(0.694)	83390	0.64386	0.64
22 Isopropanol	45	6.616	6.621	(0.691)	98903	2.43915	2.4(aM)
23 Allyl chloride	41	Compound Not Detected.					

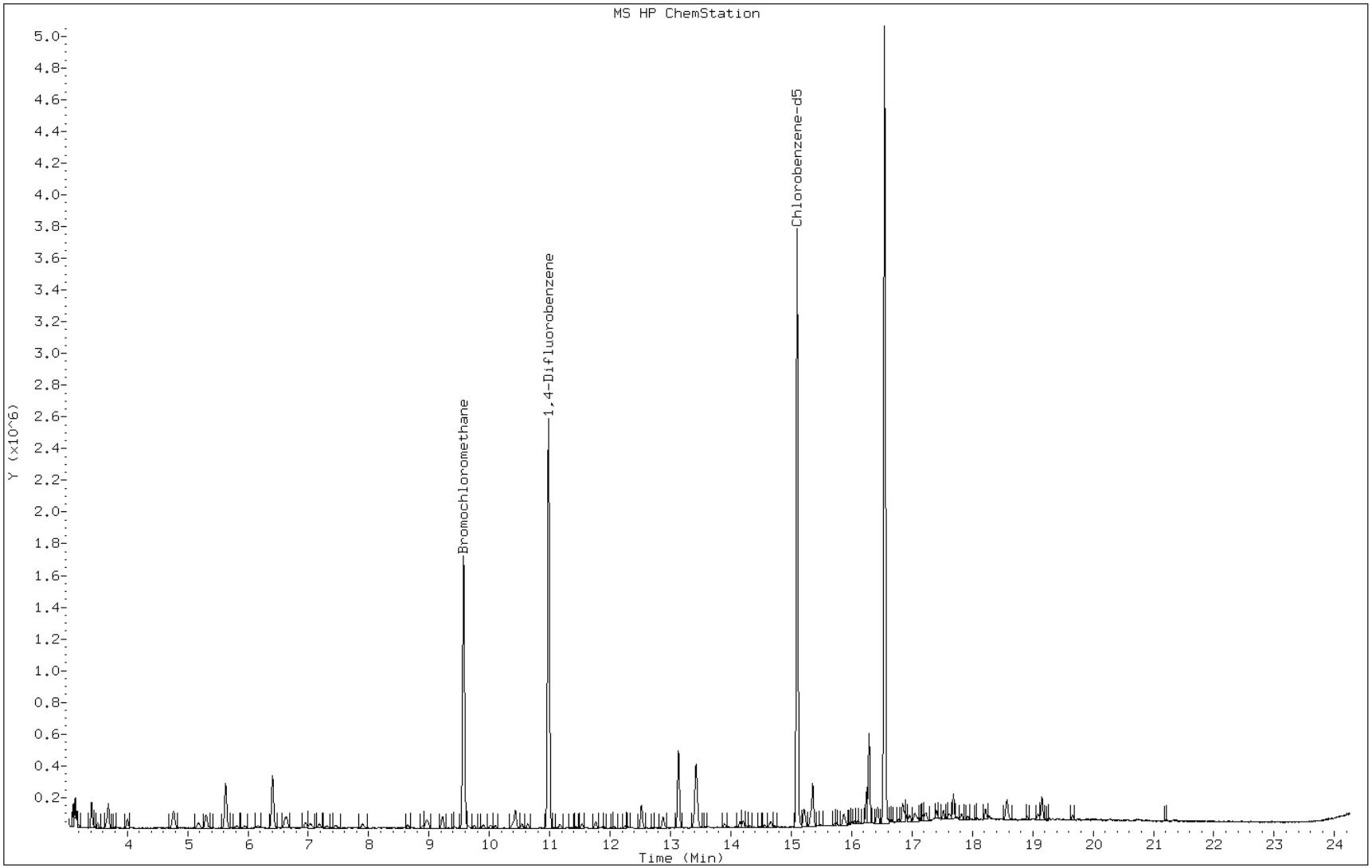
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
25	Methylene chloride	49	7.177	7.199	(0.750)	15500	0.32874	0.33(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	7.900	7.910	(0.825)	16372	0.28386	0.28
31	1,1-Dichloroethane	63	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	16666	0.95199	0.95(Q)
* 37	Bromochloromethane	128	9.574	9.595	(1.000)	545450	10.0000	(Q)
38	Tetrahydrofuran	42	9.595	9.601	(0.874)	42078	1.25948	1.3(a)
39	Chloroform	83	9.649	9.665	(1.008)	9406	0.08388	0.084(a)
40	Cyclohexane	84	9.895	9.916	(0.901)	9316	0.17055	0.17(aQ)
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	10.093	10.114	(0.919)	12927	0.09060	0.091(a)
43	2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	34437	0.19234	0.19(a)
44	Benzene	78	10.430	10.451	(0.950)	122543	0.91664	0.92
45	1,2-Dichloroethane	62	10.537	10.558	(0.960)	22530	0.29227	0.29
46	n-Heptane	43	10.644	10.655	(0.969)	14158	0.21829	0.22
* 47	1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2538644	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	12.869	12.891	(1.172)	55471	0.71541	0.72
58	Toluene	92	13.132	13.153	(0.870)	246908	2.53801	2.5
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	13.897	13.913	(0.921)	9721	0.09013	0.090(a)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.095	15.116	(1.000)	2466323	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	15.207	15.229	(1.007)	82411	0.37443	0.37
69	Xylene (m,p)	106	15.357	15.378	(1.017)	79463	0.95076	0.95
M 70	Xylenes, Total	106				98009	1.17217	1.2
71	Xylene (o)	106	15.871	15.892	(1.051)	18546	0.22141	0.22
72	Styrene	104	15.897	15.919	(1.053)	16942	0.13647	0.14(a)
73	Bromoform	173	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
79	4-Ethyltoluene	105	16.898	16.914	(1.119)	10212	0.04025	0.040(aM)
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	9487	0.04360	0.044(aM)
84	1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	31054	0.14420	0.14(a)
87	1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gfbw018.d	Date:	06-NOV-2010 03:24
Client ID:	CE-VAPOR-5	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-6		
Lab Sample ID:	220-13862-6		



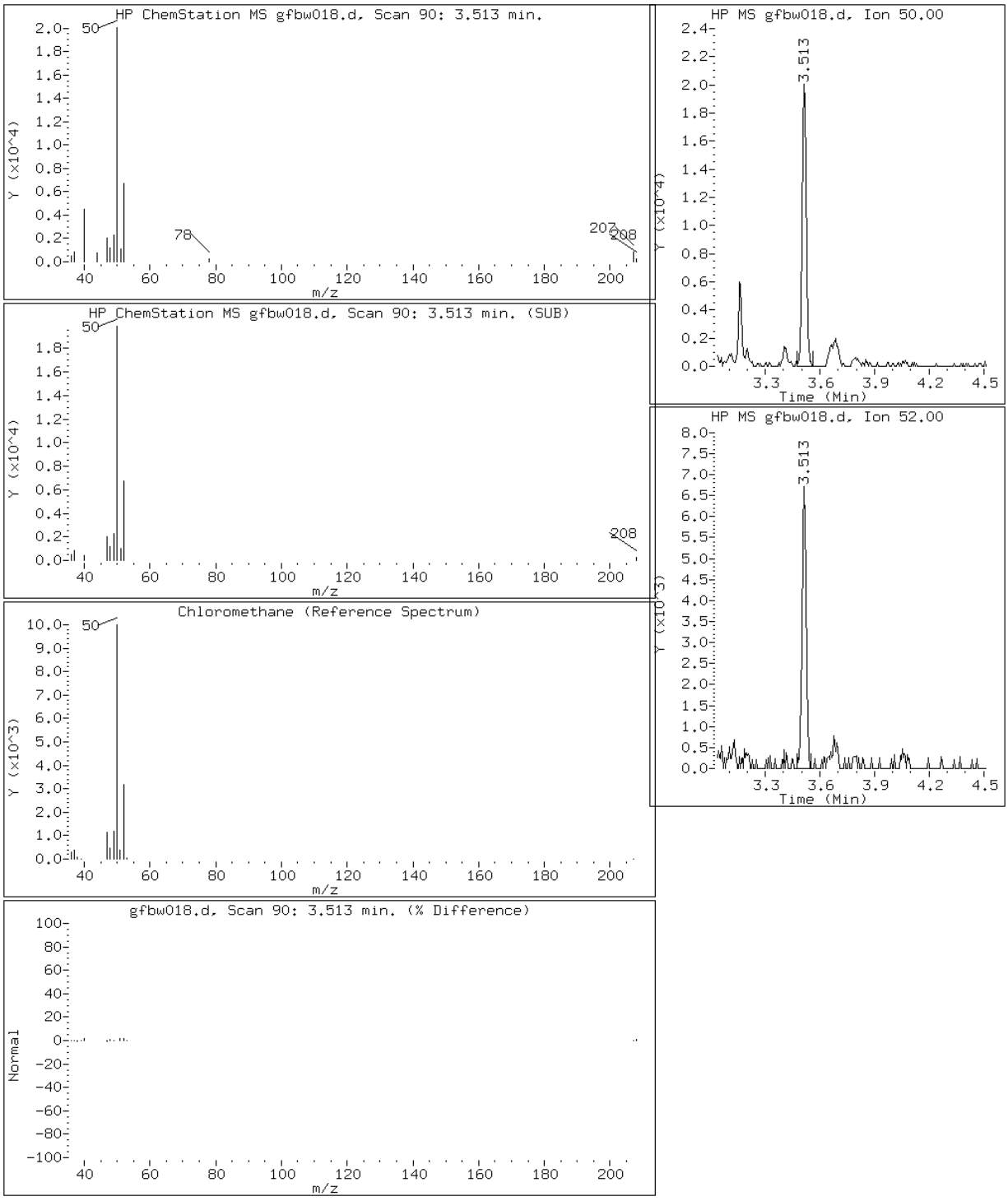
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

5 Chloromethane



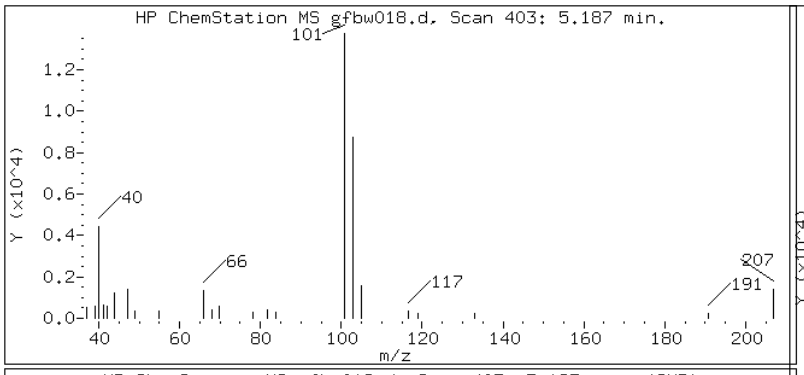
Data File: gfbw018.d

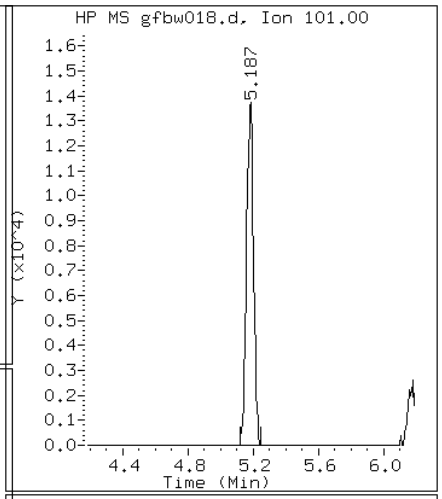
Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

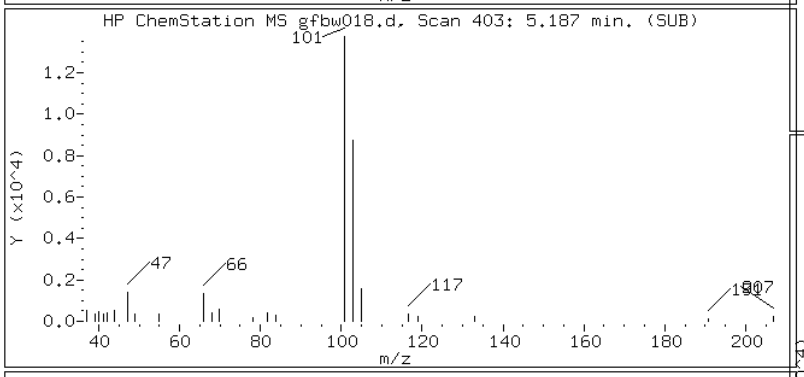
Client ID: CE-VAPOR-5 Instrument: G.i

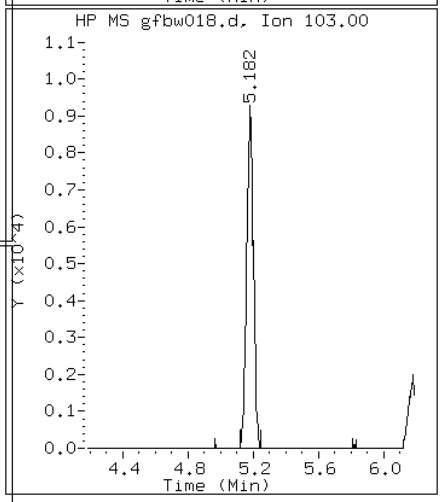
Sample Info: 220-13862-A-6 Operator: wrd

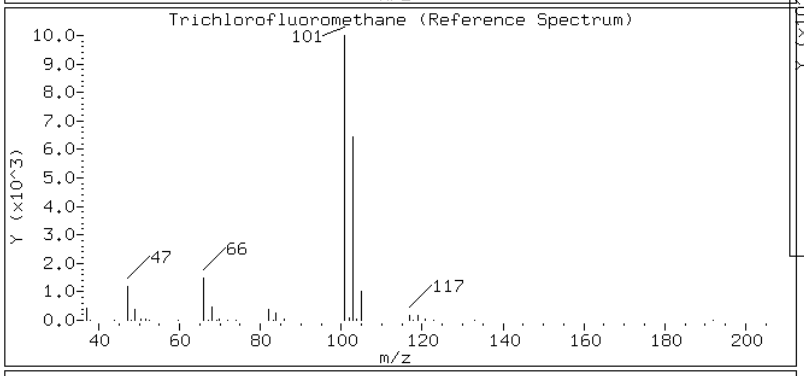
13 Trichlorofluoromethane

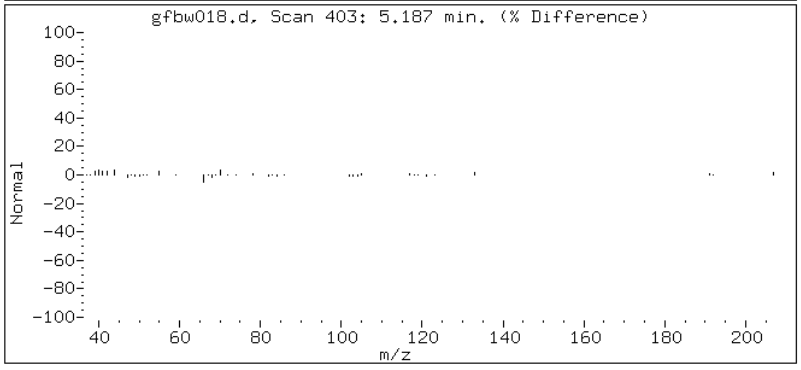












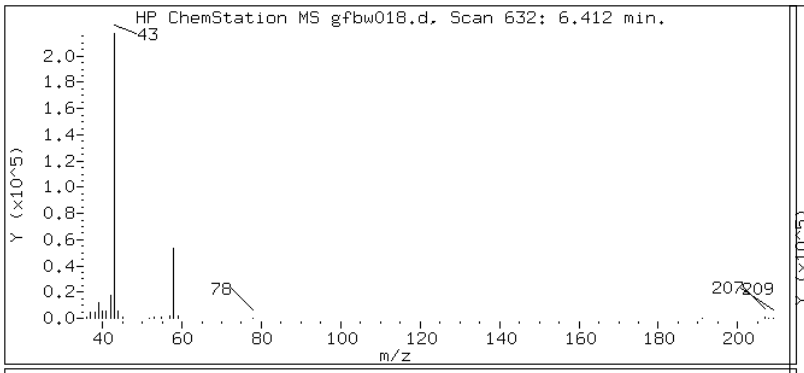
Data File: gfbw018.d

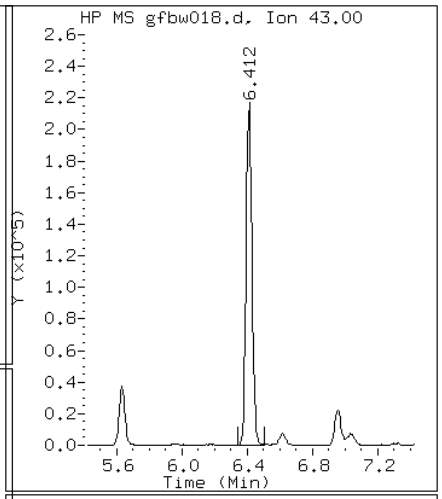
Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

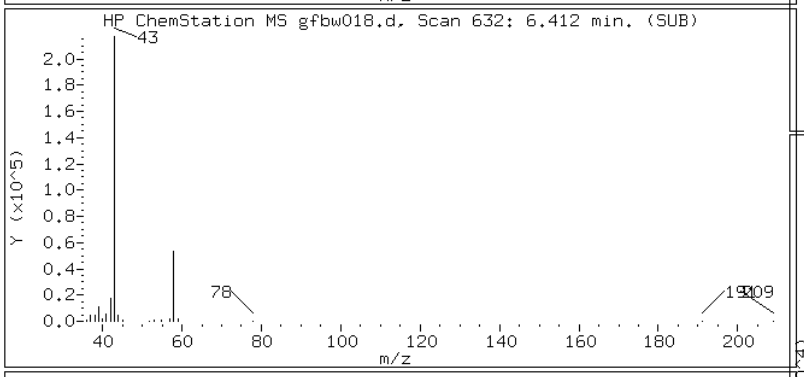
Client ID: CE-VAPOR-5 Instrument: G.i

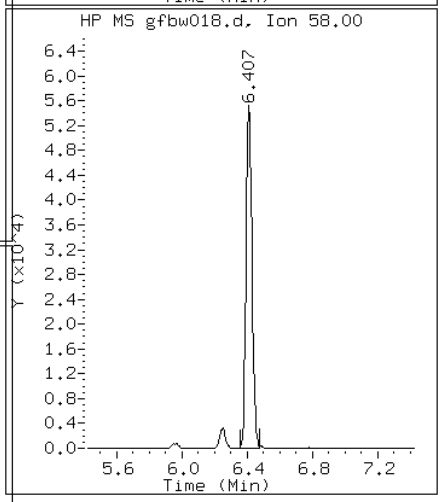
Sample Info: 220-13862-A-6 Operator: wrd

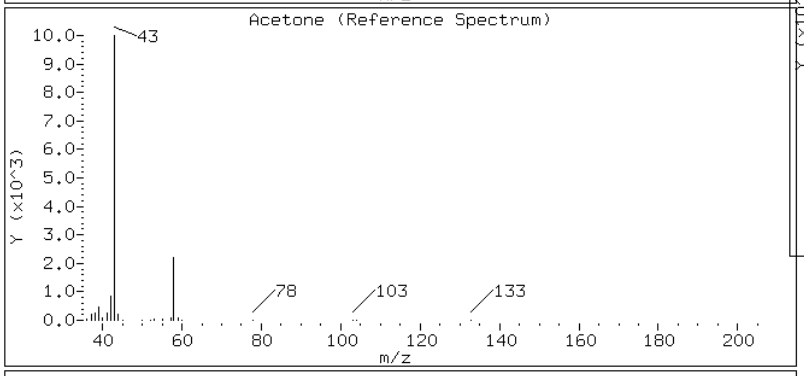
20 Acetone

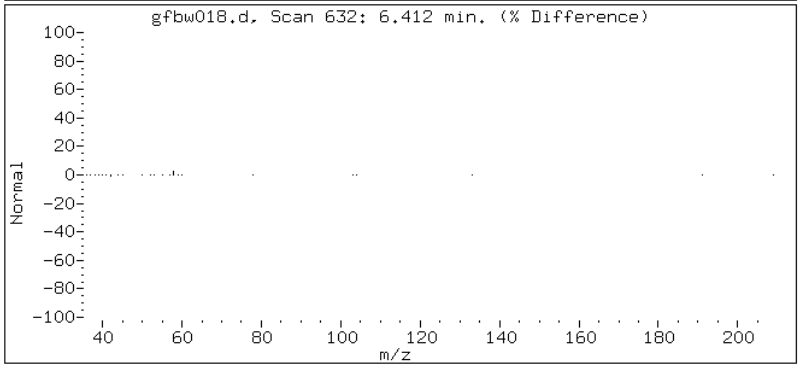












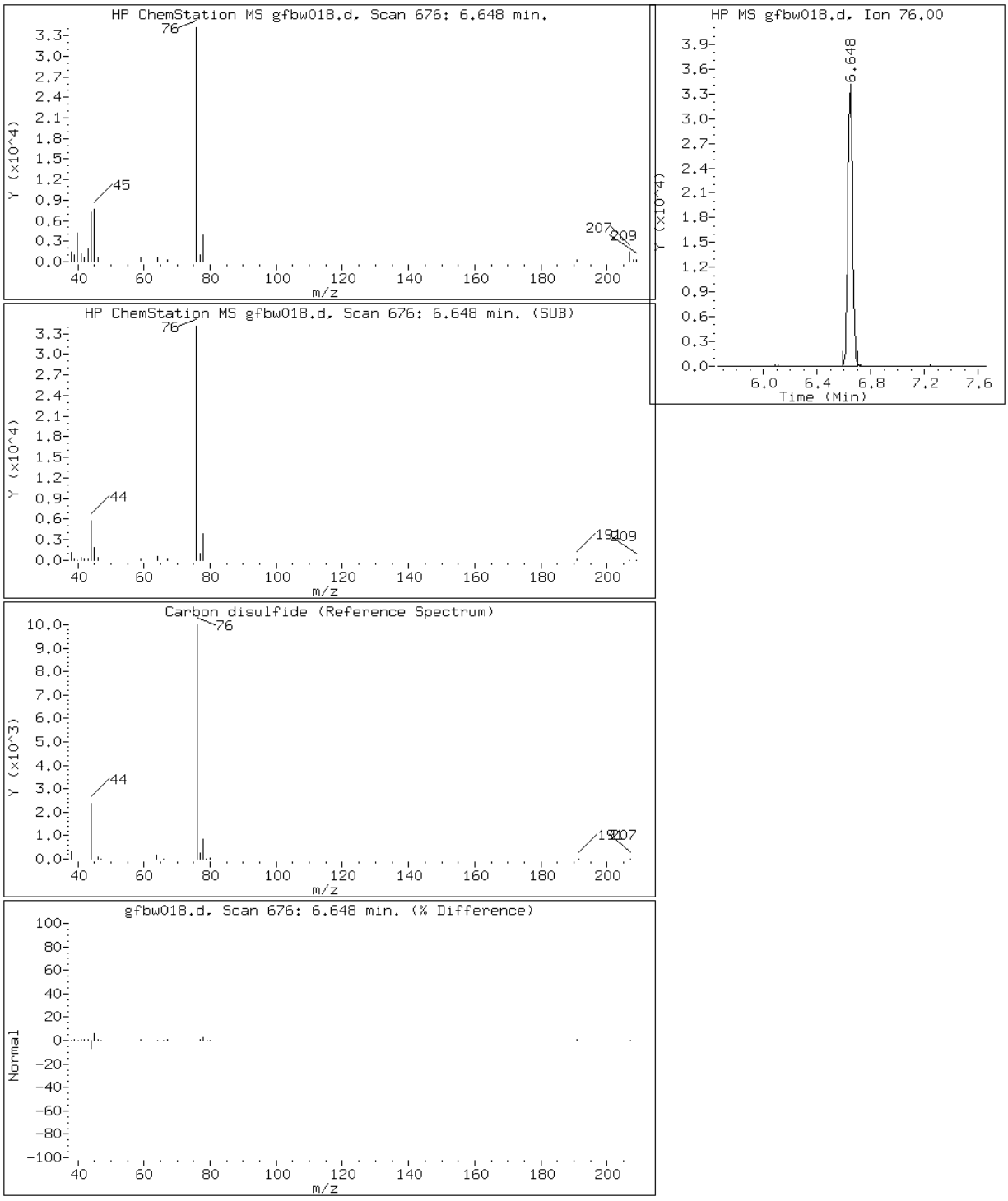
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

21 Carbon disulfide



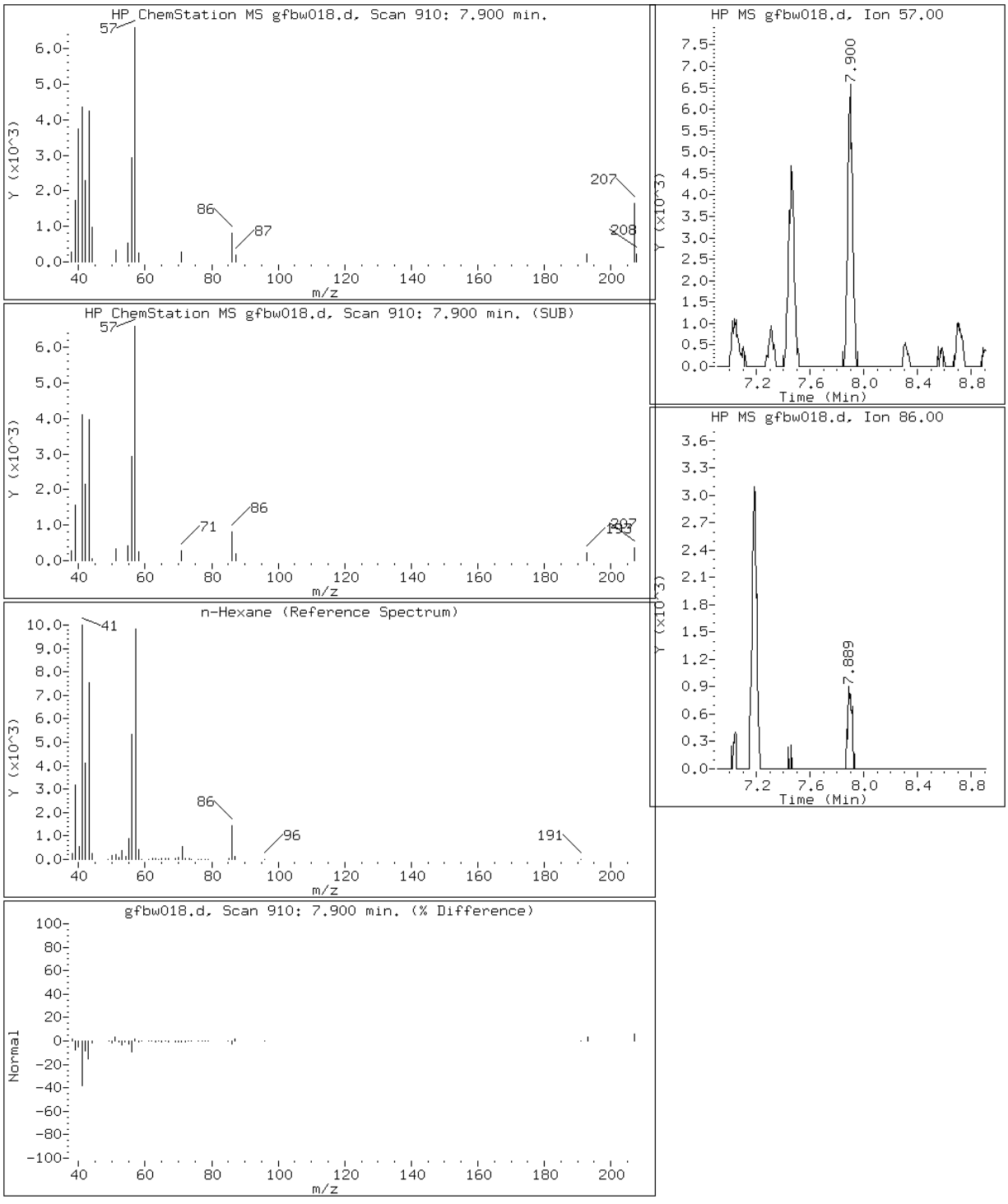
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

30 n-Hexane



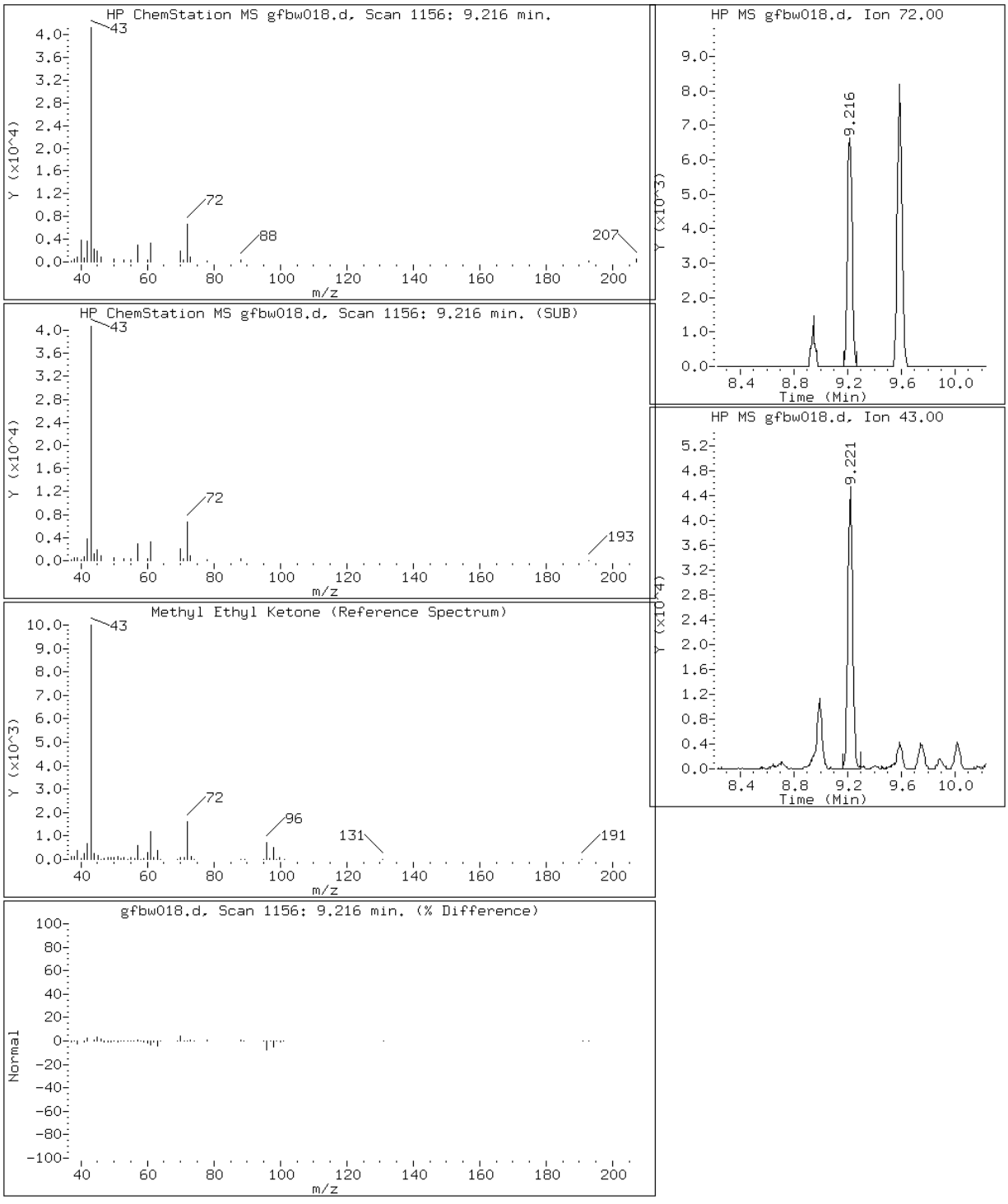
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

36 Methyl Ethyl Ketone



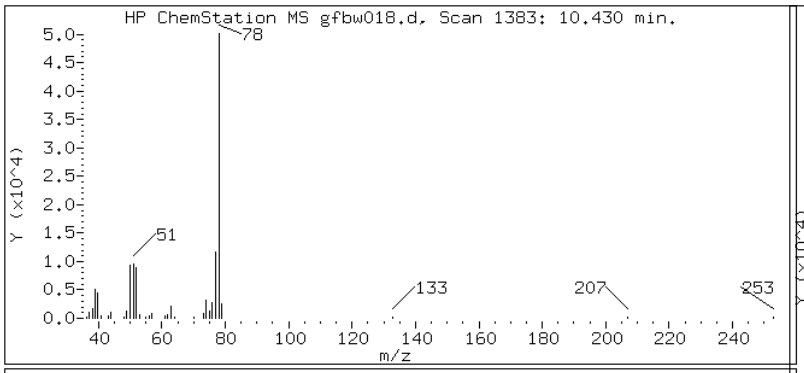
Data File: gfbw018.d

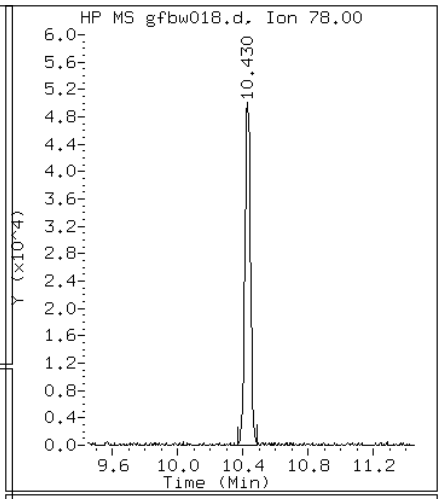
Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

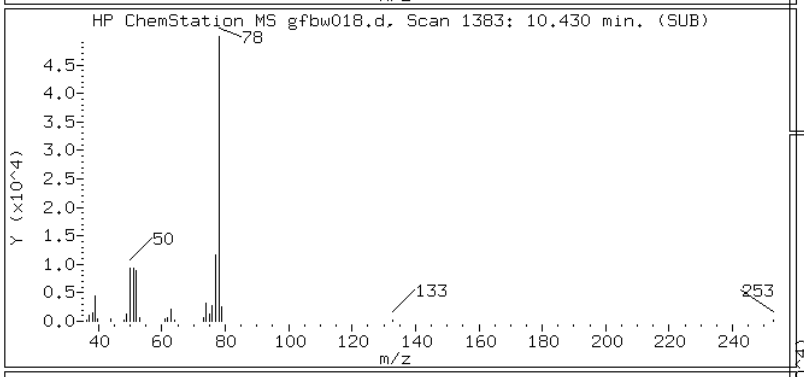
Client ID: CE-VAPOR-5 Instrument: G.i

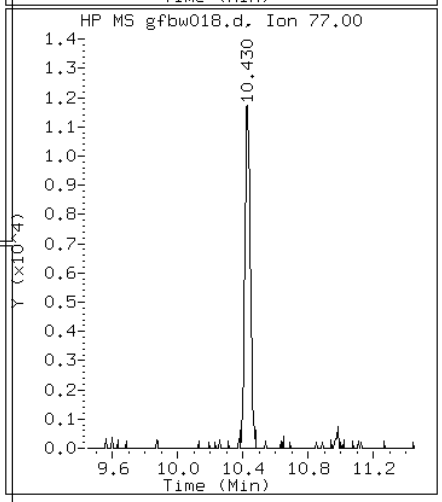
Sample Info: 220-13862-A-6 Operator: wrd

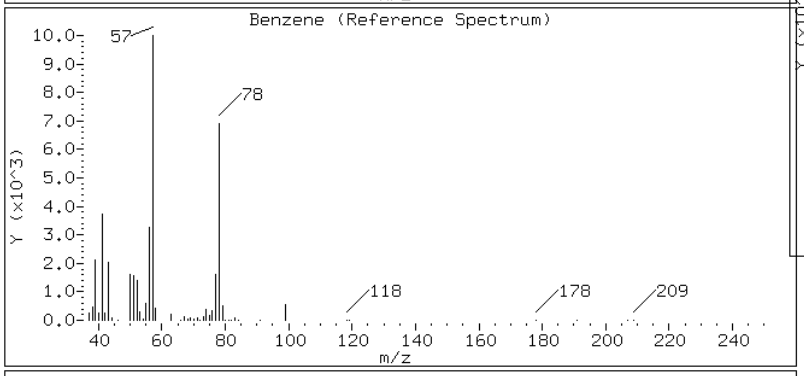
44 Benzene

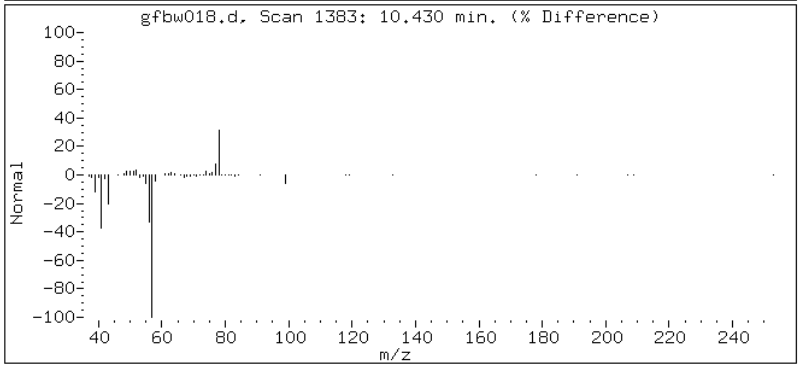












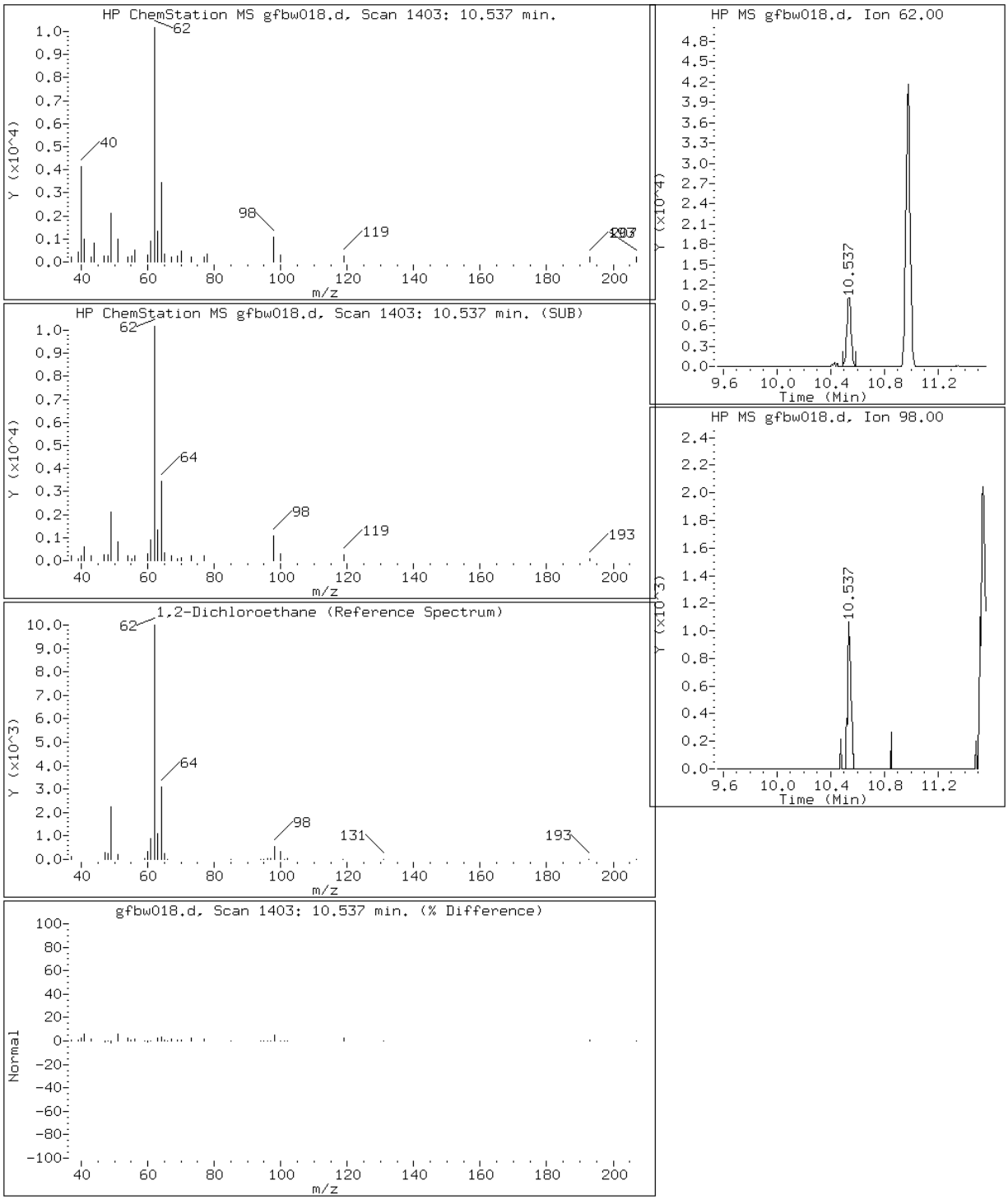
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

45 1,2-Dichloroethane



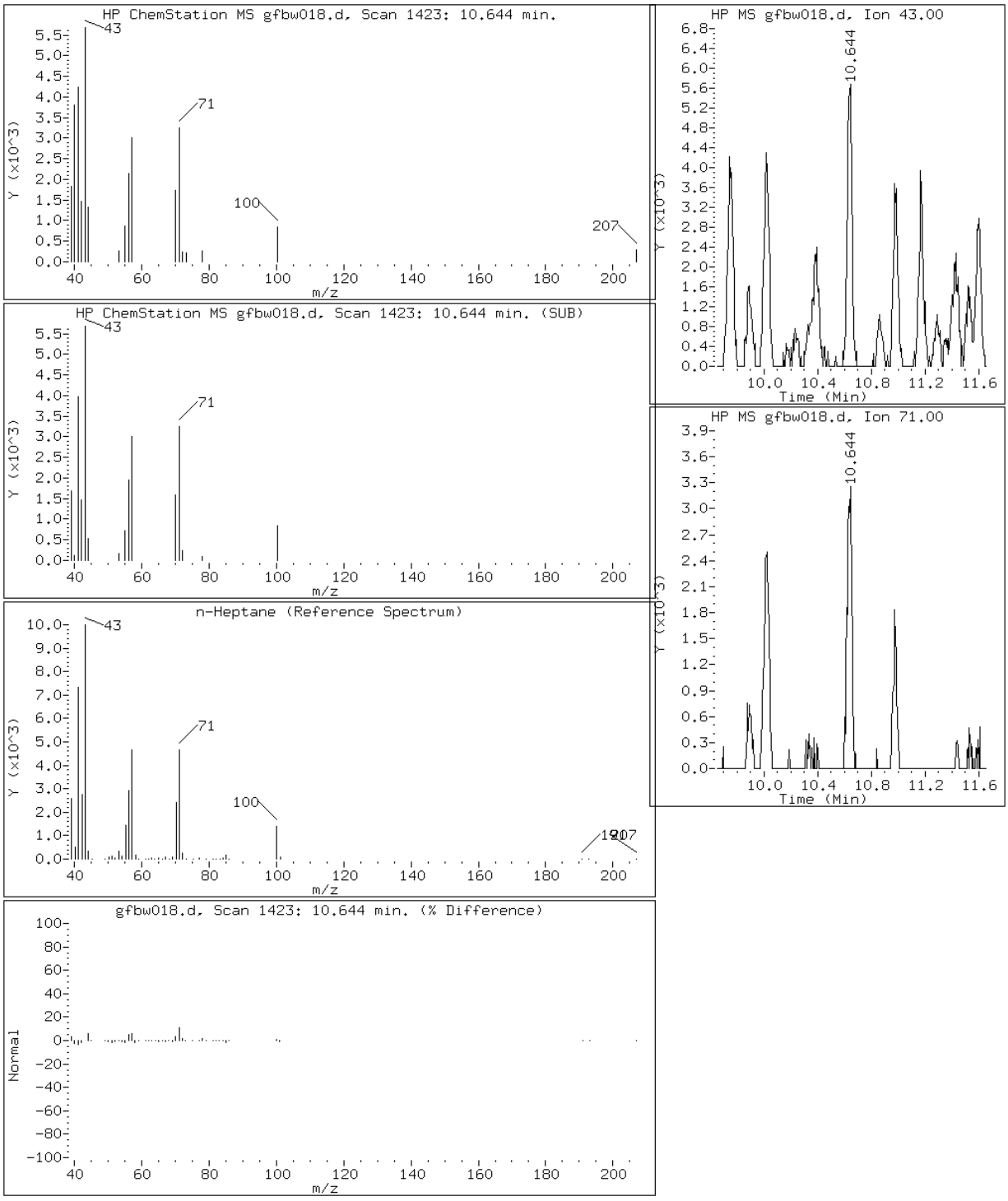
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

46 n-Heptane



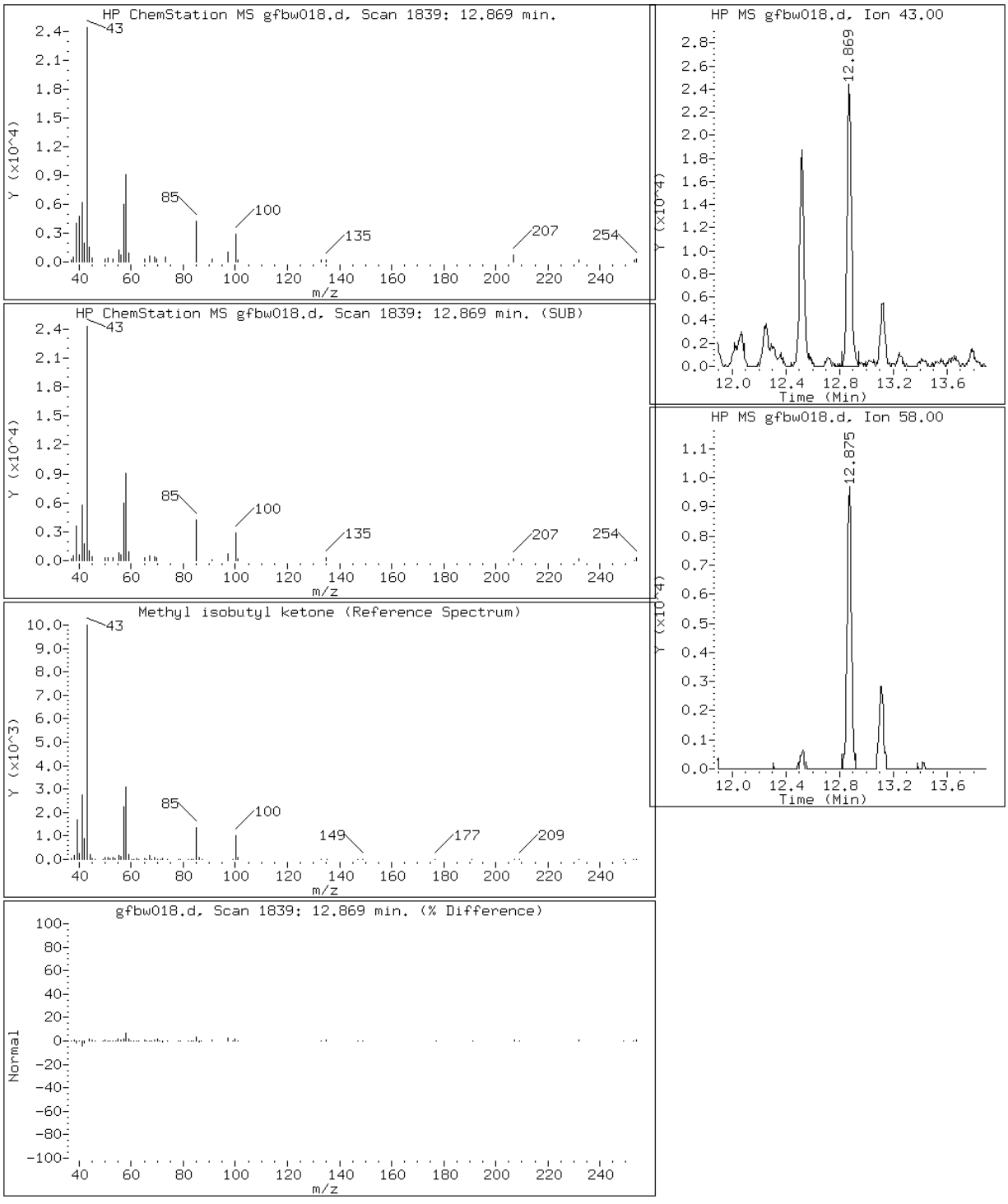
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

56 Methyl isobutyl ketone



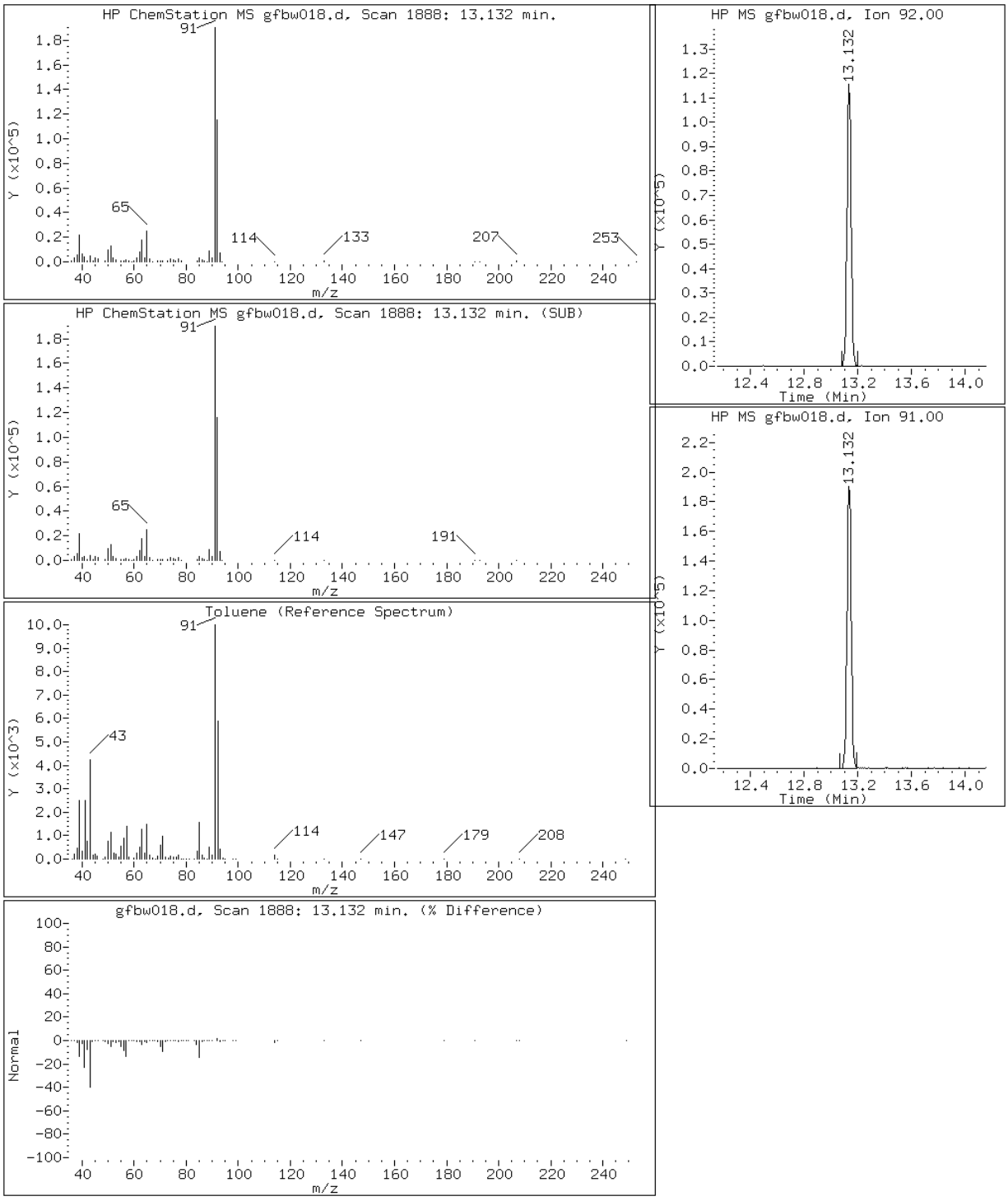
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

58 Toluene



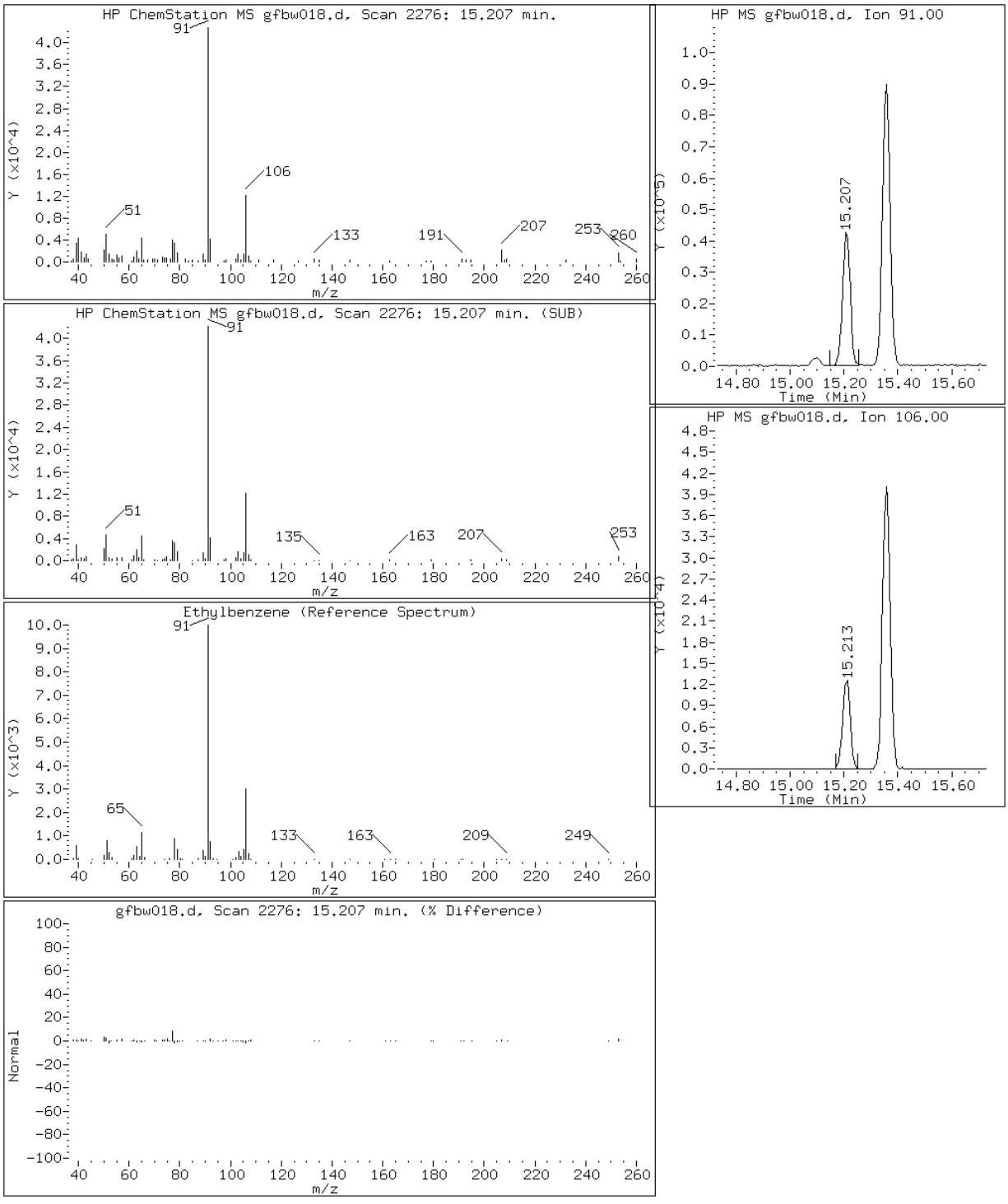
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

68 Ethylbenzene



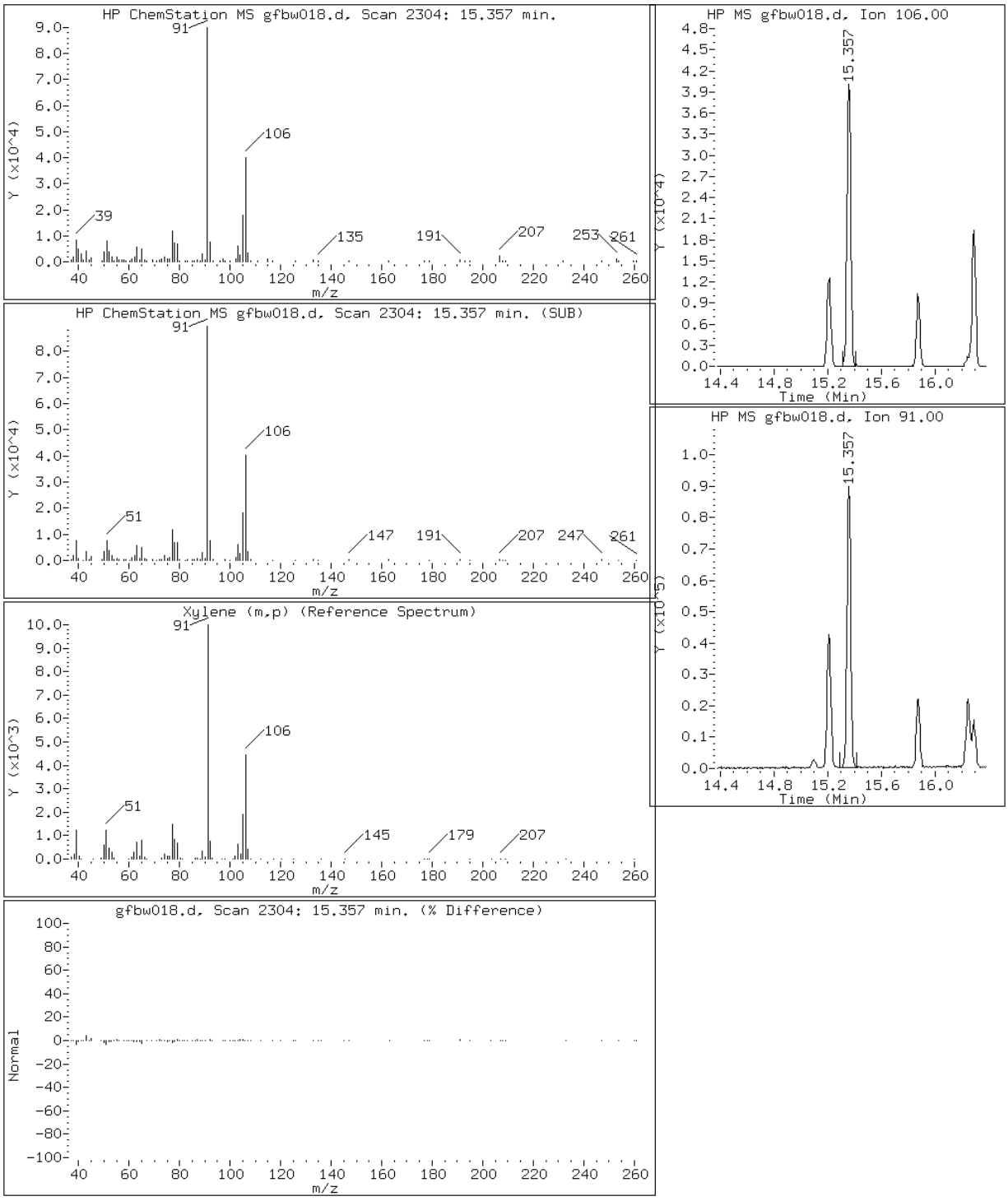
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

69 Xylene (m,p)



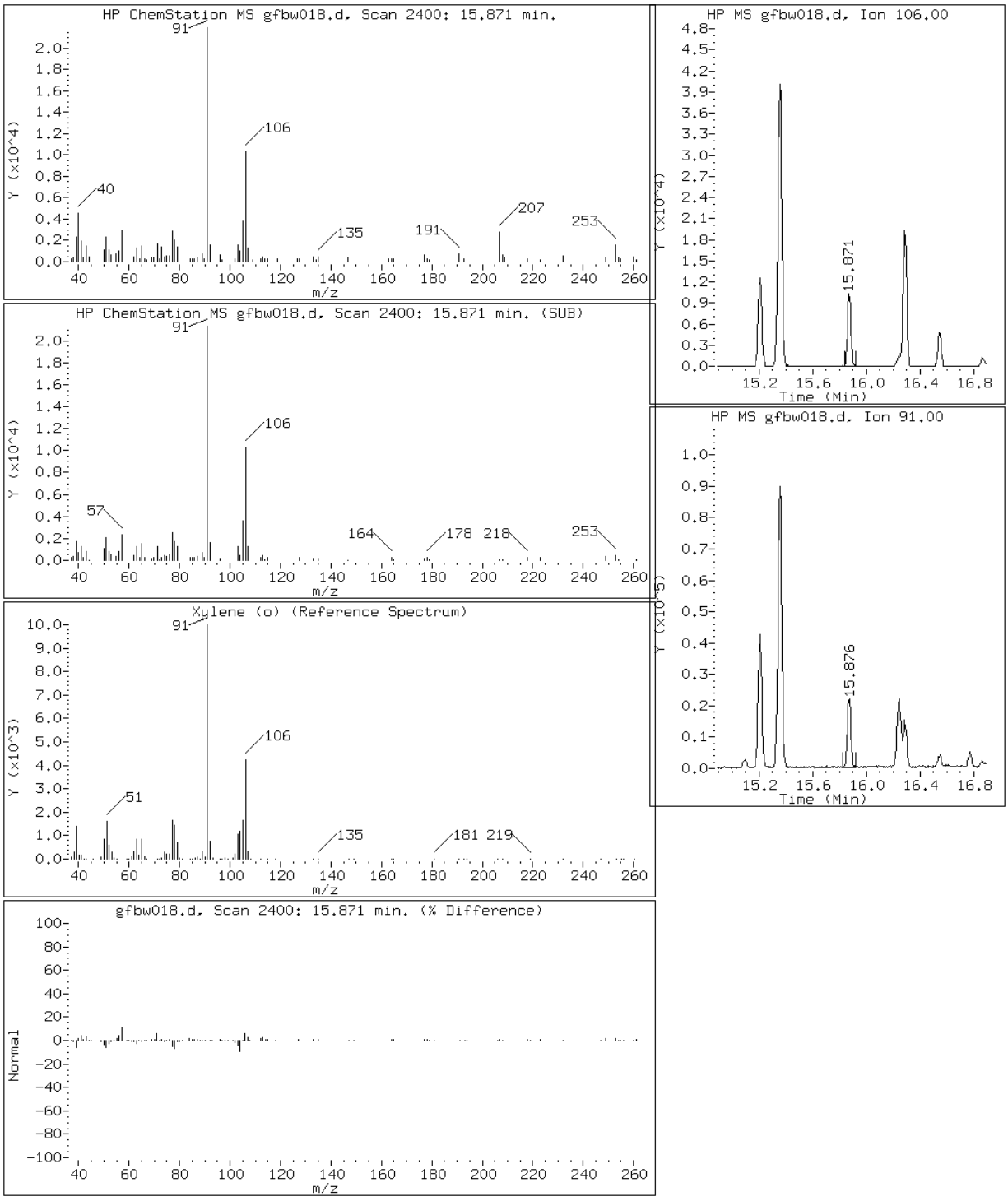
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

71 Xylene (o)



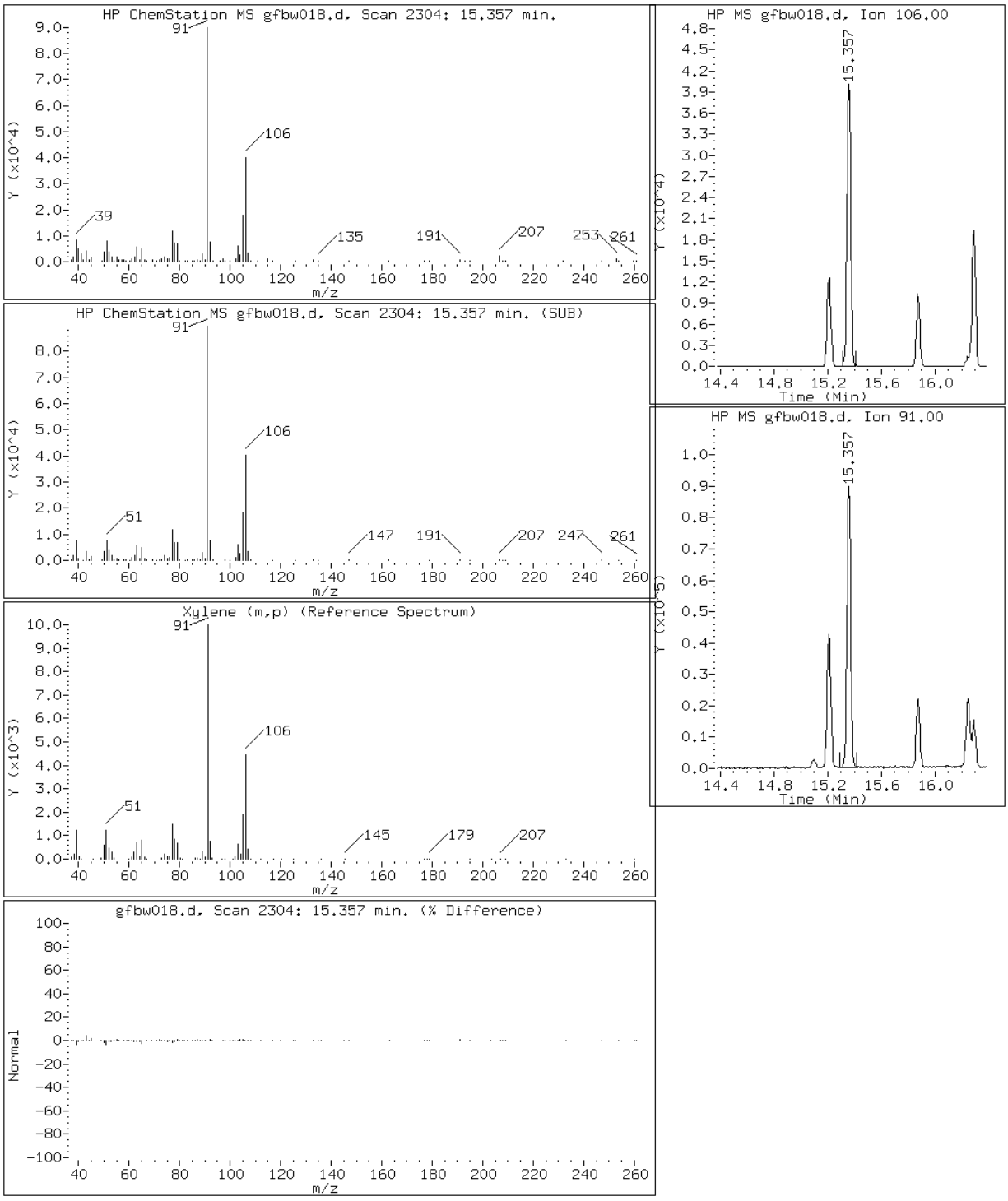
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

69 Xylene (m,p)



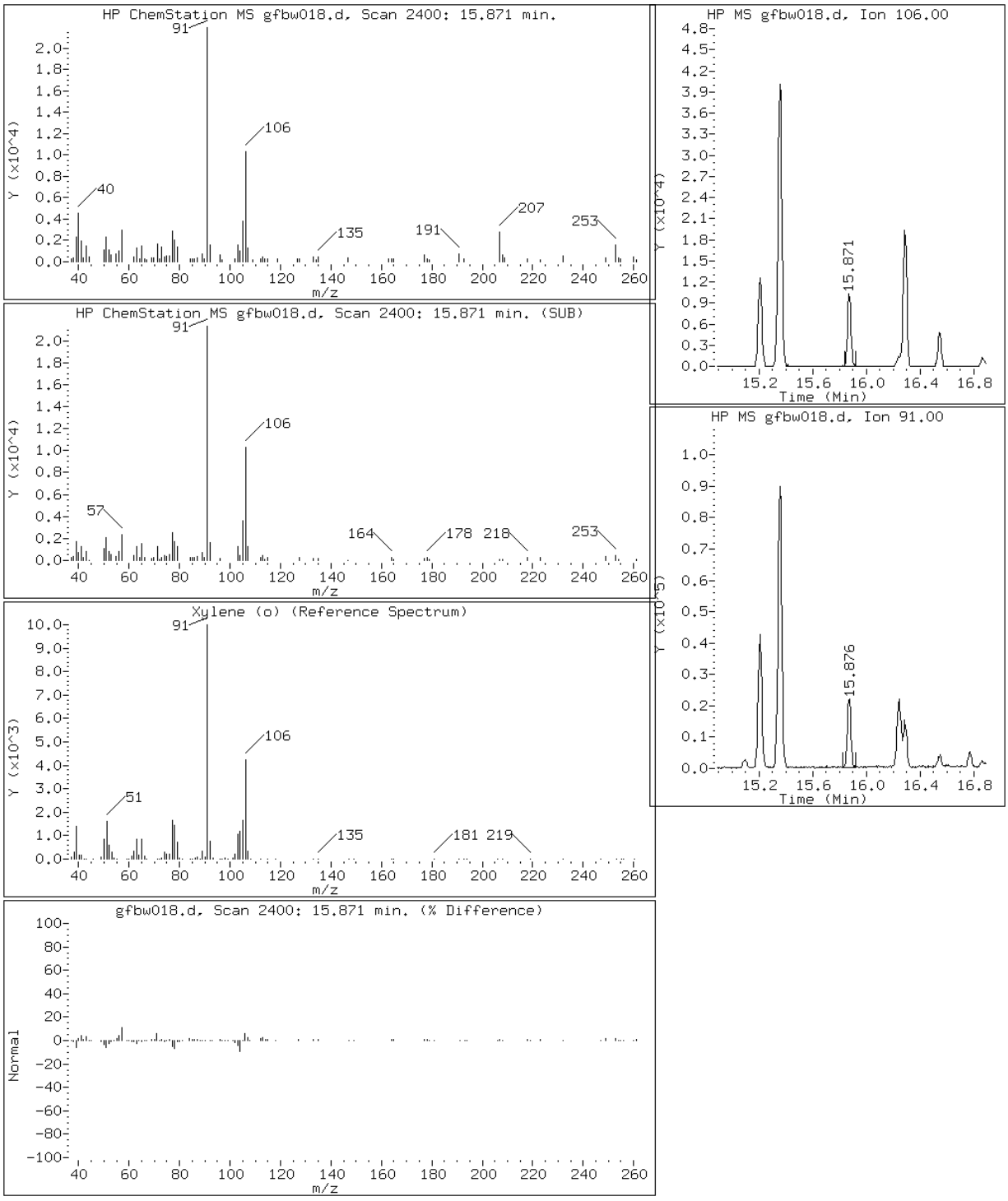
Data File: gfbw018.d

Lab Sample ID: 220-13862-6 Date: 06-NOV-2010 03:24

Client ID: CE-VAPOR-5 Instrument: G.i

Sample Info: 220-13862-A-6 Operator: wrd

71 Xylene (o)



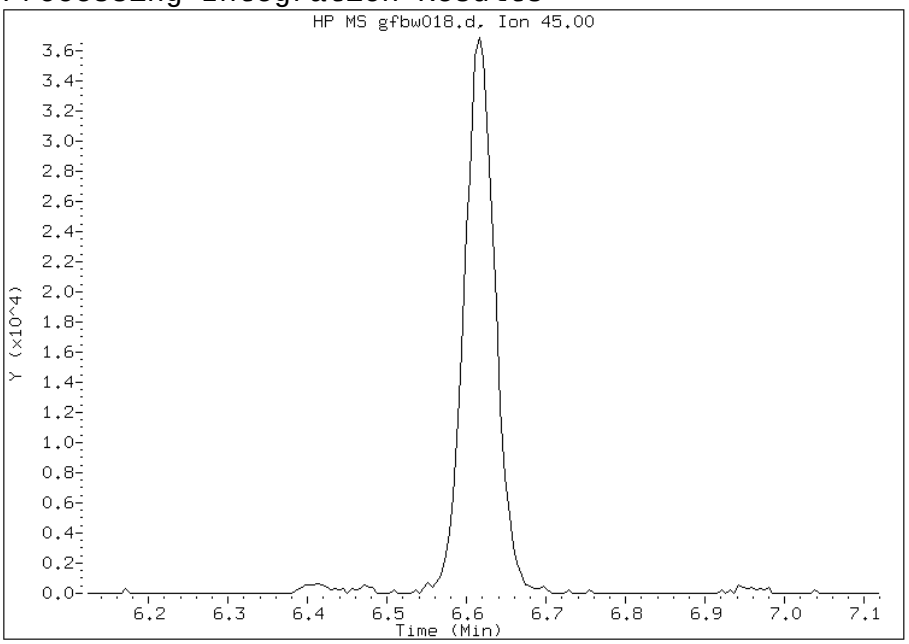
Manual Integration Report

Data File: gfbw018.d
Lab Sample ID: 220-13862-6
Inj. Date and Time: 06-NOV-2010 03:24
Instrument ID: G.i
Client ID: CE-VAPOR-5
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 11/08/2010

Processing Integration Results

Not Detected

Expected RT: 6.62



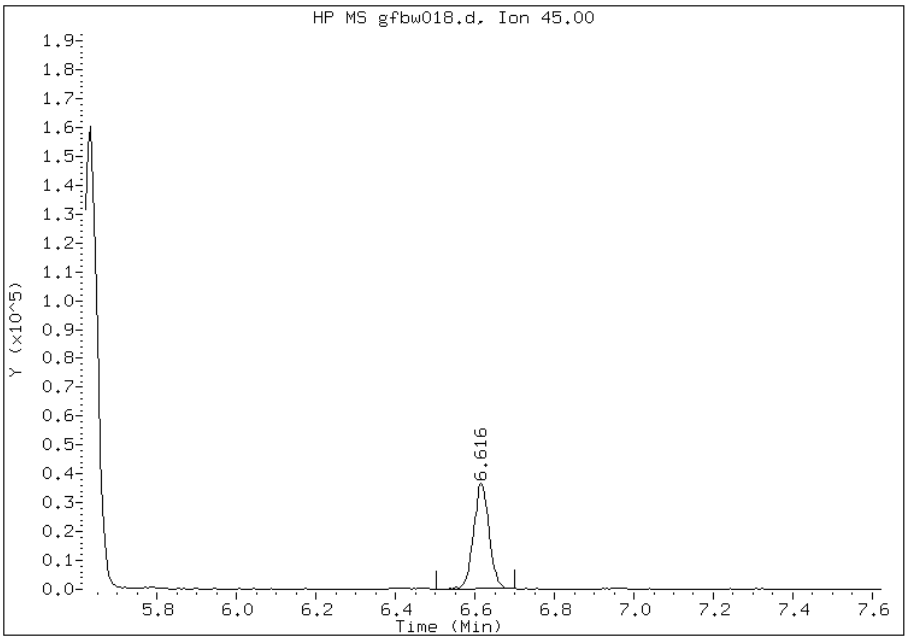
Manual Integration Results

RT: 6.62

Response: 98903

Amount: 2.44

Conc: 2.44



File Uploaded By: klp
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: gfbw018.d
Lab Sample ID: 220-13862-6
Inj. Date and Time: 06-NOV-2010 03:24
Instrument ID: G.i
Client ID: CE-VAPOR-5
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 11/08/2010

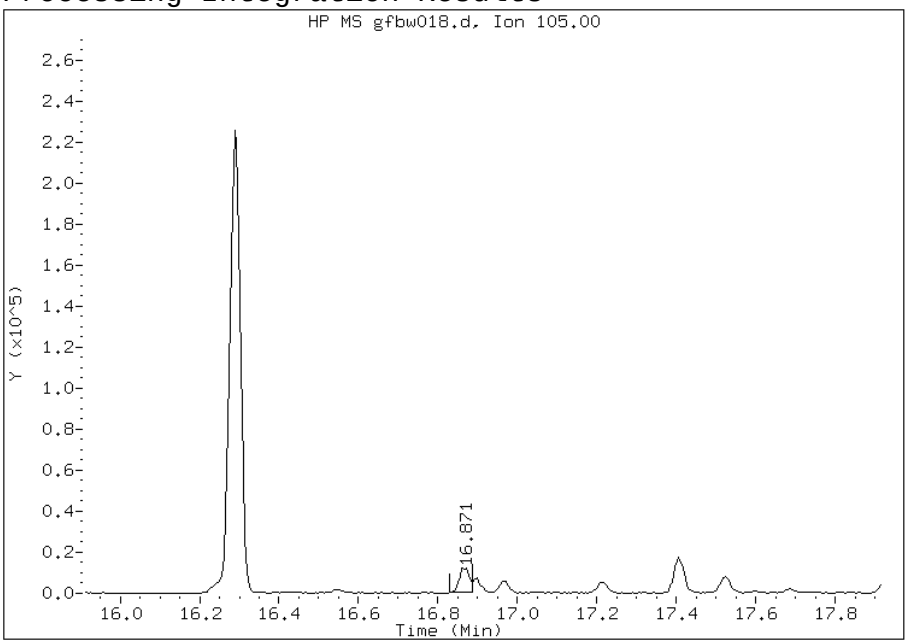
Processing Integration Results

RT: 16.87

Response: 22686

Amount: 0.089416

Conc: 0.089416



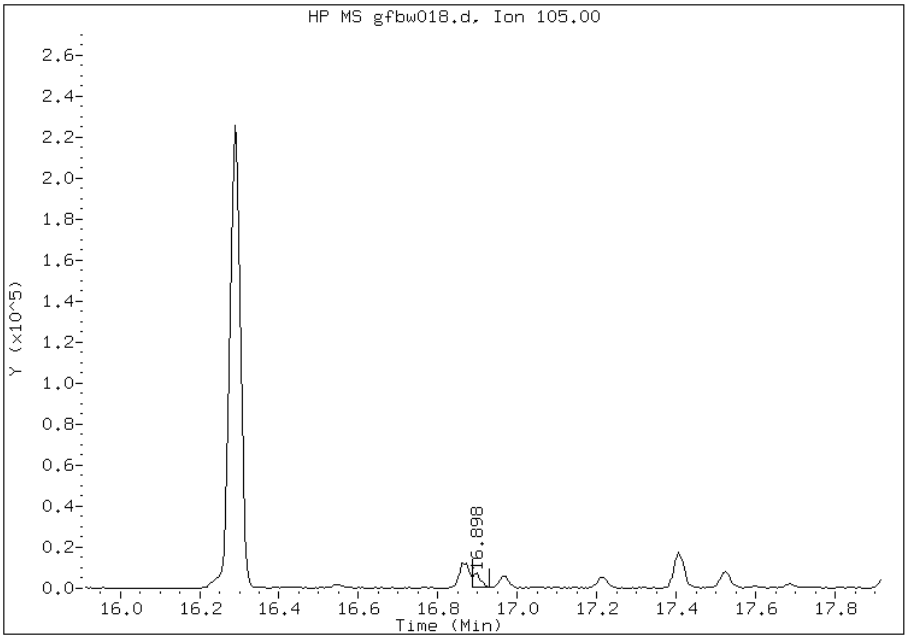
Manual Integration Results

RT: 16.90

Response: 10212

Amount: 0.040250

Conc: 0.040250



File Uploaded By: klp
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfbw018.d
Lab Sample ID: 220-13862-6
Inj. Date and Time: 06-NOV-2010 03:24
Instrument ID: G.i
Client ID: CE-VAPOR-5
Compound: 81 1,3,5-Trimethylbenzene
CAS #: 108-67-8
Report Date: 11/08/2010

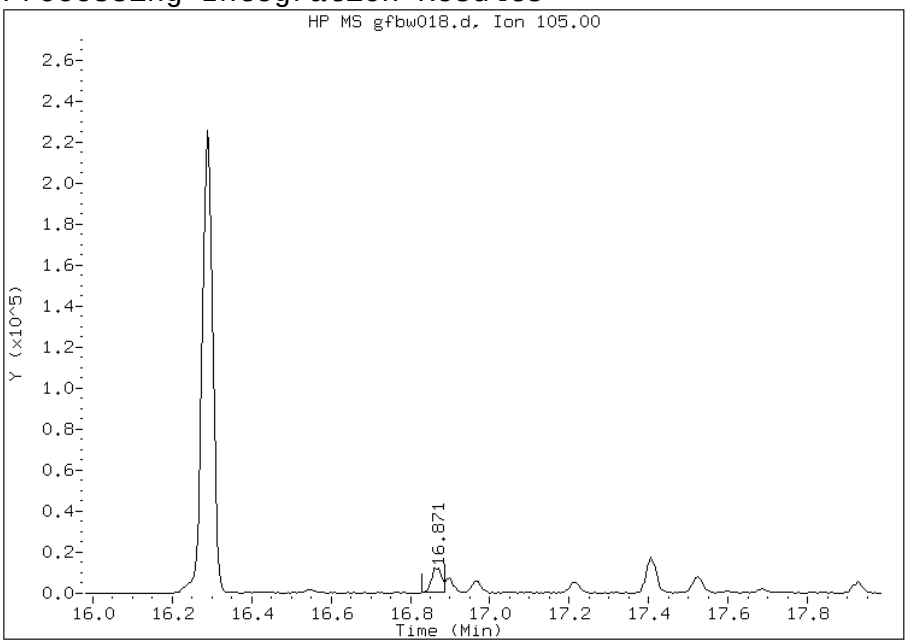
Processing Integration Results

RT: 16.87

Response: 22686

Amount: 0.104267

Conc: 0.104267



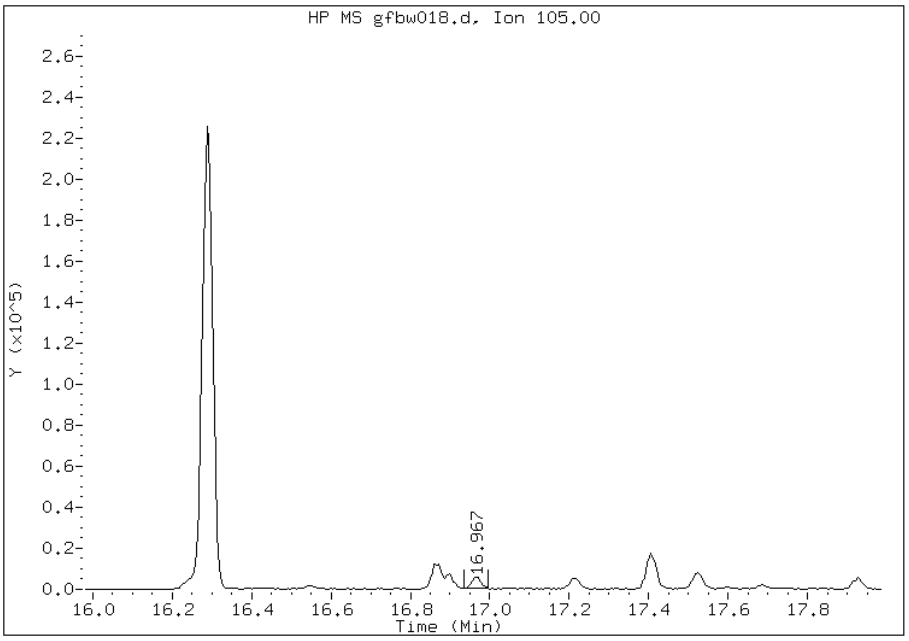
Manual Integration Results

RT: 16.97

Response: 9487

Amount: 0.043603

Conc: 0.043603



File Uploaded By: klp
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.75		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.27		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	16		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	2.3		0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.30		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	8.0		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	26		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20		0.20	0.013
71-43-2	Benzene	78.11	0.45		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.29		0.20	0.015
142-82-5	n-Heptane	100.21	0.39		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	7.3		0.50	0.064
108-88-3	Toluene	92.14	3.2		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.85		0.20	0.014
179601-23-1	m,p-Xylene	106.17	2.5		0.50	0.023
95-47-6	Xylene, o-	106.17	0.51		0.20	0.050
1330-20-7	Xylene (total)	106.17	3.0		0.20	0.15
100-42-5	Styrene	104.15	0.37		0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.21		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.25		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.6		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	37		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	7.3		1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	1.0		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	24		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	78		15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.95		0.93	0.061
71-43-2	Benzene	78.11	1.4		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	1.2		0.81	0.061
142-82-5	n-Heptane	100.21	1.6		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-6 Lab Sample ID: 220-13862-7

Matrix: Air Lab File ID: gfbw019.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 04:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	30		2.0	0.26
108-88-3	Toluene	92.14	12		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	3.7		0.87	0.061
179601-23-1	m,p-Xylene	106.17	11		2.2	0.10
95-47-6	Xylene, o-	106.17	2.2		0.87	0.22
1330-20-7	Xylene (total)	106.17	13		0.87	0.65
100-42-5	Styrene	104.15	1.6		0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	1.0		0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	1.2		0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	4.8		0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-7
Client Smp ID: CE-VAPOR-6
Inj Date : 06-NOV-2010 04:13
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-7
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	76303	0.51307	0.51
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.508	3.513	(0.366)	20218	0.75210	0.75
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	2724	0.12203	0.12(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.182	5.187	(0.541)	42729	0.27321	0.27
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.172	6.182	(0.645)	8816	0.09181	0.092(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.402	6.423	(0.669)	894554	15.5595	16
21 Carbon disulfide	76	6.648	6.658	(0.694)	295453	2.34094	2.3
22 Isopropanol	45	6.610	6.621	(0.690)	105790	2.67733	2.7(aM)
23 Allyl chloride	41	Compound Not Detected.					

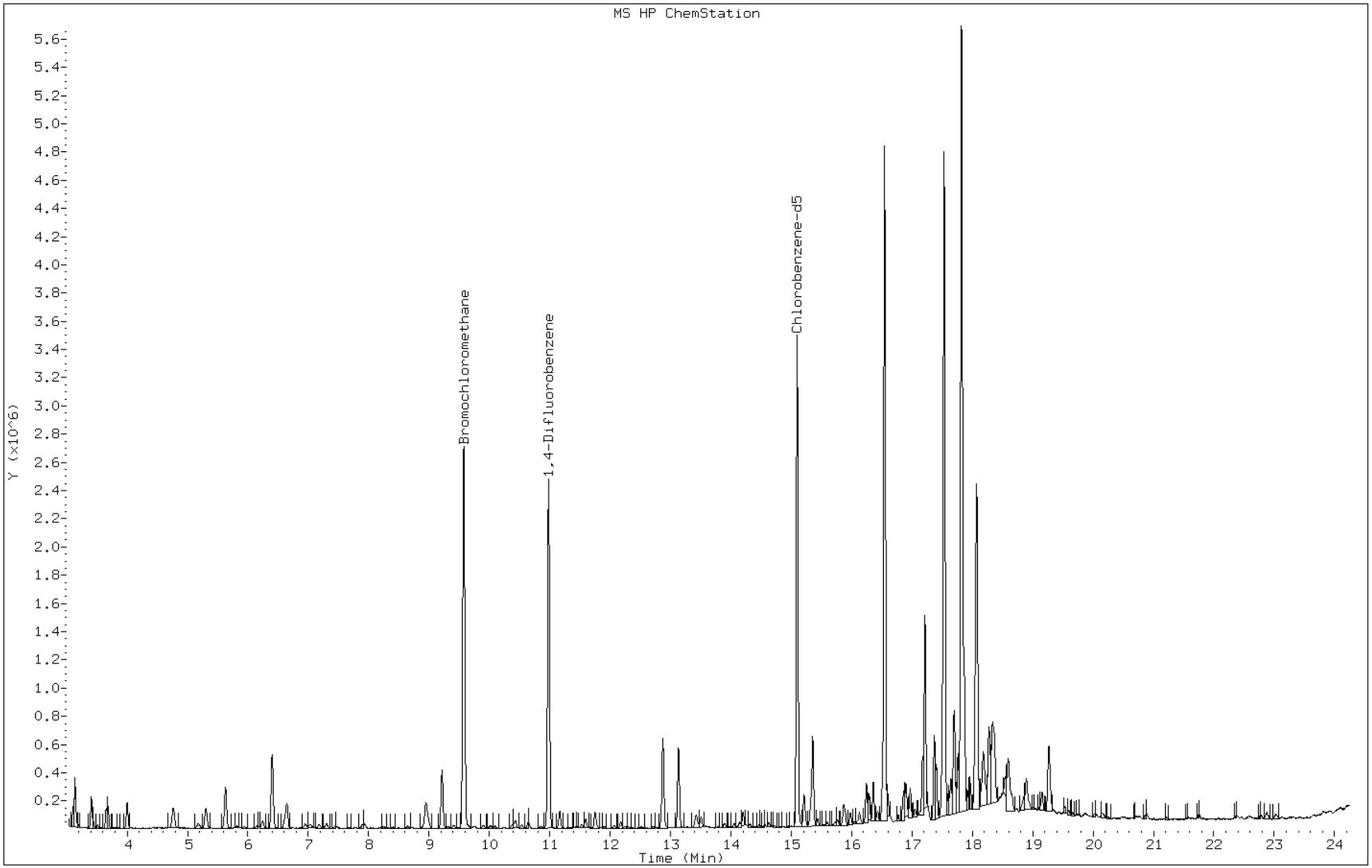
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.183	7.199	(0.750)	15276	0.33248	0.33(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.900	7.910	(0.825)	16722	0.29752	0.30
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	136907	8.02517	8.0(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	531532	10.0000	
	38 Tetrahydrofuran	42	9.579	9.601	(0.872)	852135	26.4592	26
	39 Chloroform	83	9.649	9.665	(1.008)	13827	0.12654	0.13(a)
	40 Cyclohexane	84	9.900	9.916	(0.902)	6684	0.12693	0.13(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.093	10.114	(0.919)	13131	0.09547	0.095(a)
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	35228	0.20411	0.20(M)
	44 Benzene	78	10.430	10.451	(0.950)	57572	0.44674	0.45
	45 1,2-Dichloroethane	62	10.532	10.558	(0.959)	21413	0.28816	0.29
	46 n-Heptane	43	10.639	10.655	(0.969)	24119	0.38576	0.39
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2447202	10.0000	
	49 Trichloroethene	95	11.356	11.355	(1.034)	3300	0.04873	0.049(aQM)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.870	12.891	(1.172)	544529	7.28521	7.3
	58 Toluene	92	13.132	13.153	(0.870)	292903	3.22840	3.2
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.902	13.913	(0.921)	11844	0.11775	0.12(a)
	62 2-Hexanone	43	14.052	14.068	(0.931)	23007	0.32355	0.32(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2300090	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	174974	0.85244	0.85
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	195354	2.50631	2.5
M	70 Xylenes, Total	106				235318	3.01790	3.0
	71 Xylene (o)	106	15.876	15.892	(1.052)	39964	0.51159	0.51
	72 Styrene	104	15.897	15.919	(1.053)	42325	0.36558	0.37
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	48508	0.20501	0.21
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	50709	0.24991	0.25
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	196057	0.97618	0.98
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gfbw019.d	Date:	06-NOV-2010 04:13
Client ID:	CE-VAPOR-6	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-7		
Lab Sample ID:	220-13862-7		



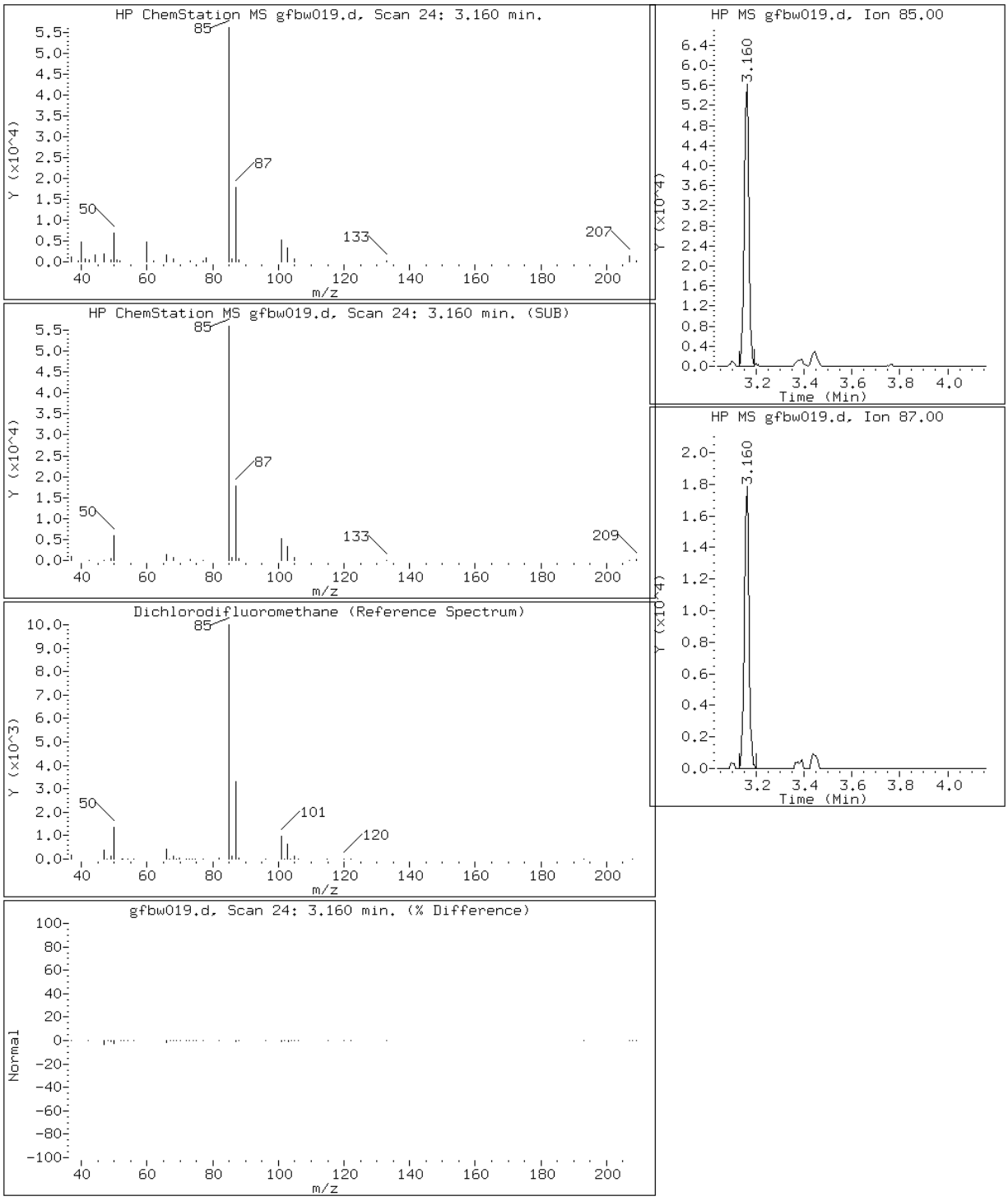
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

2 Dichlorodifluoromethane



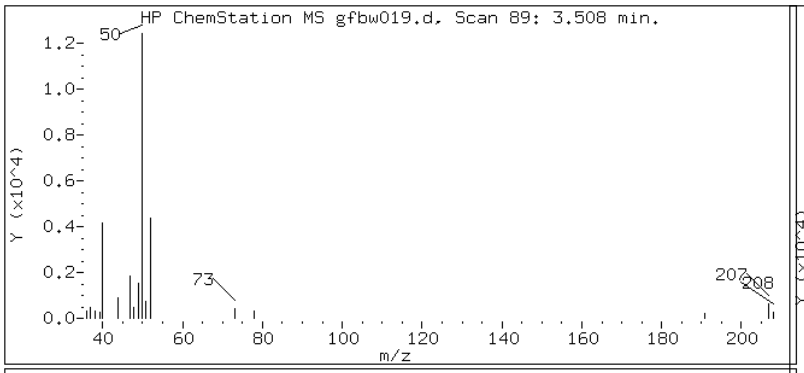
Data File: gfbw019.d

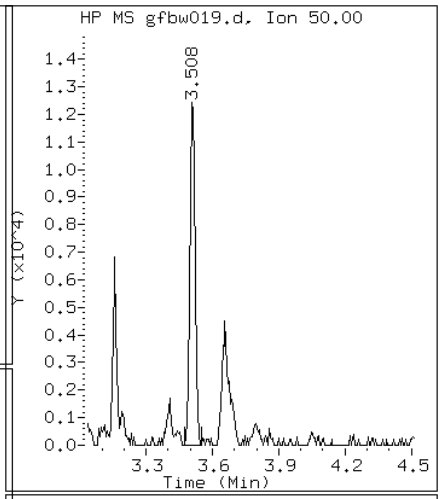
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

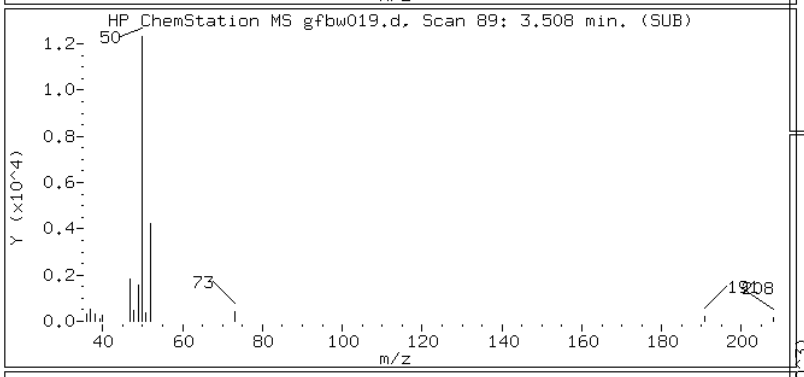
Client ID: CE-VAPOR-6 Instrument: G.i

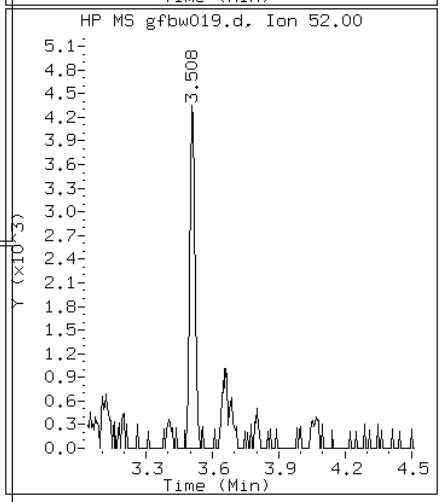
Sample Info: 220-13862-A-7 Operator: wrd

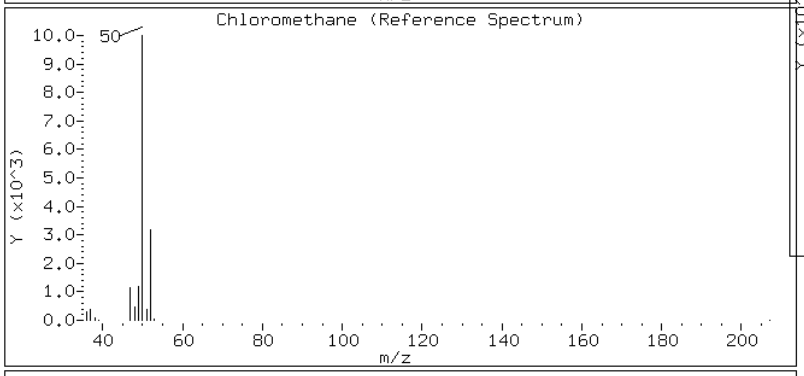
5 Chloromethane

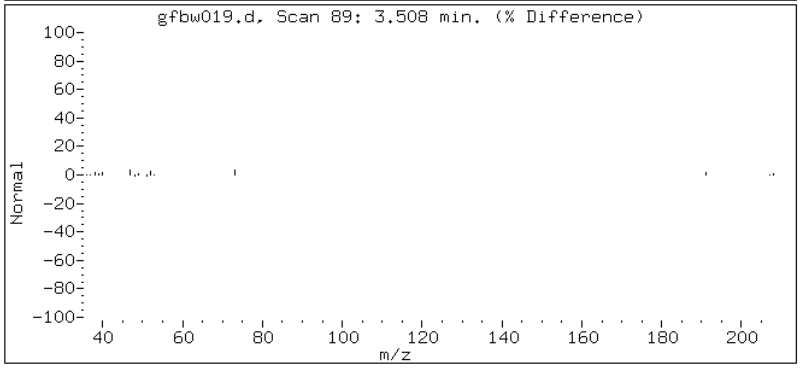












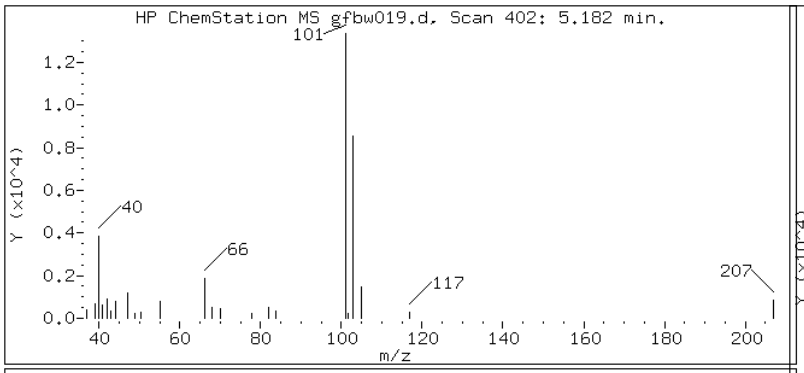
Data File: gfbw019.d

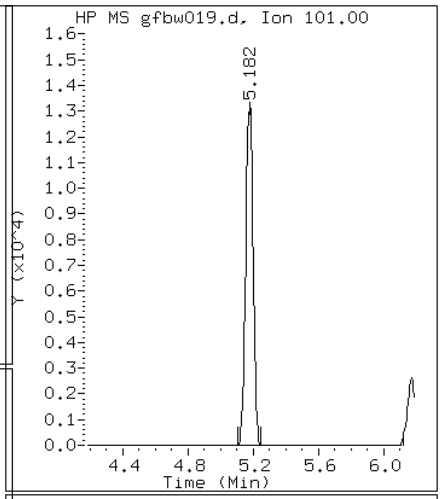
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

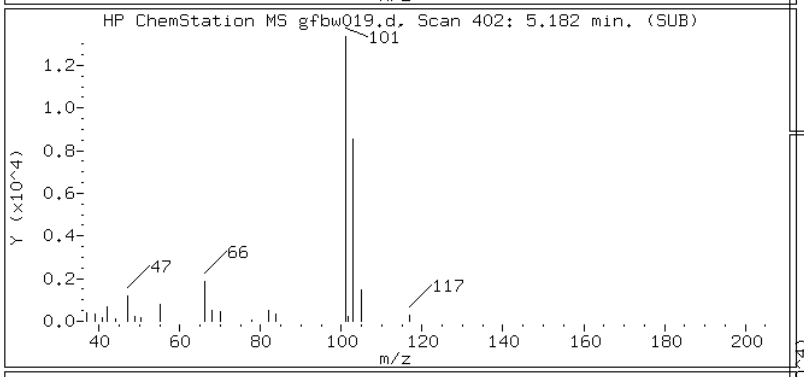
Client ID: CE-VAPOR-6 Instrument: G.i

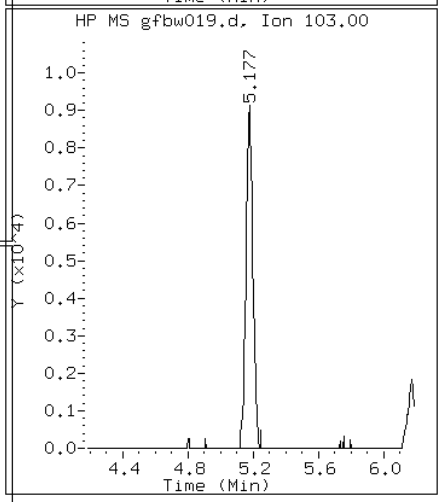
Sample Info: 220-13862-A-7 Operator: wrd

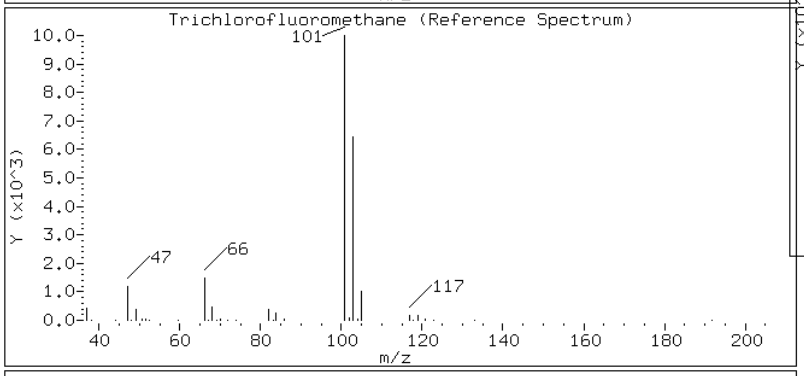
13 Trichlorofluoromethane

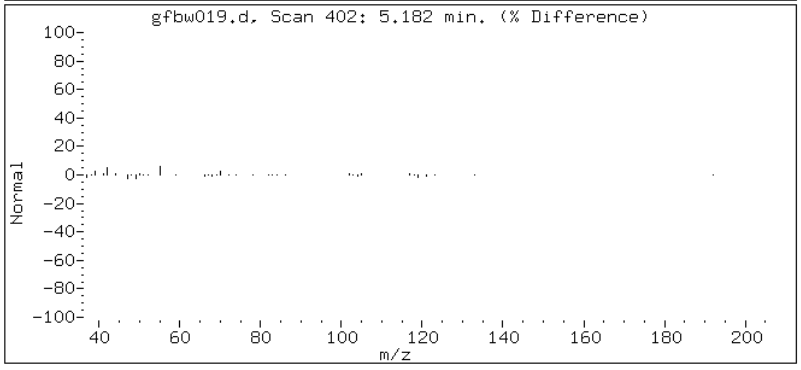












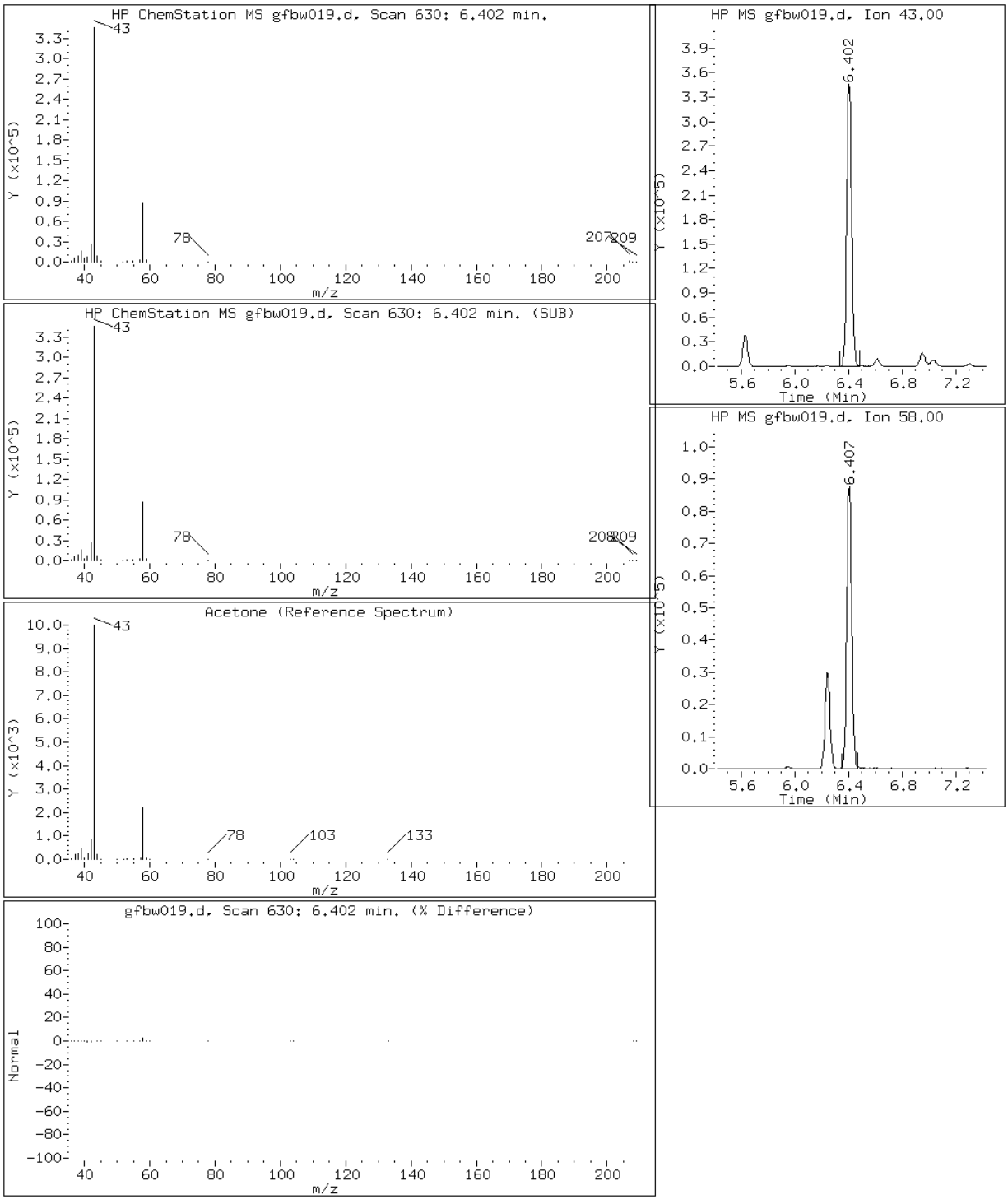
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

20 Acetone



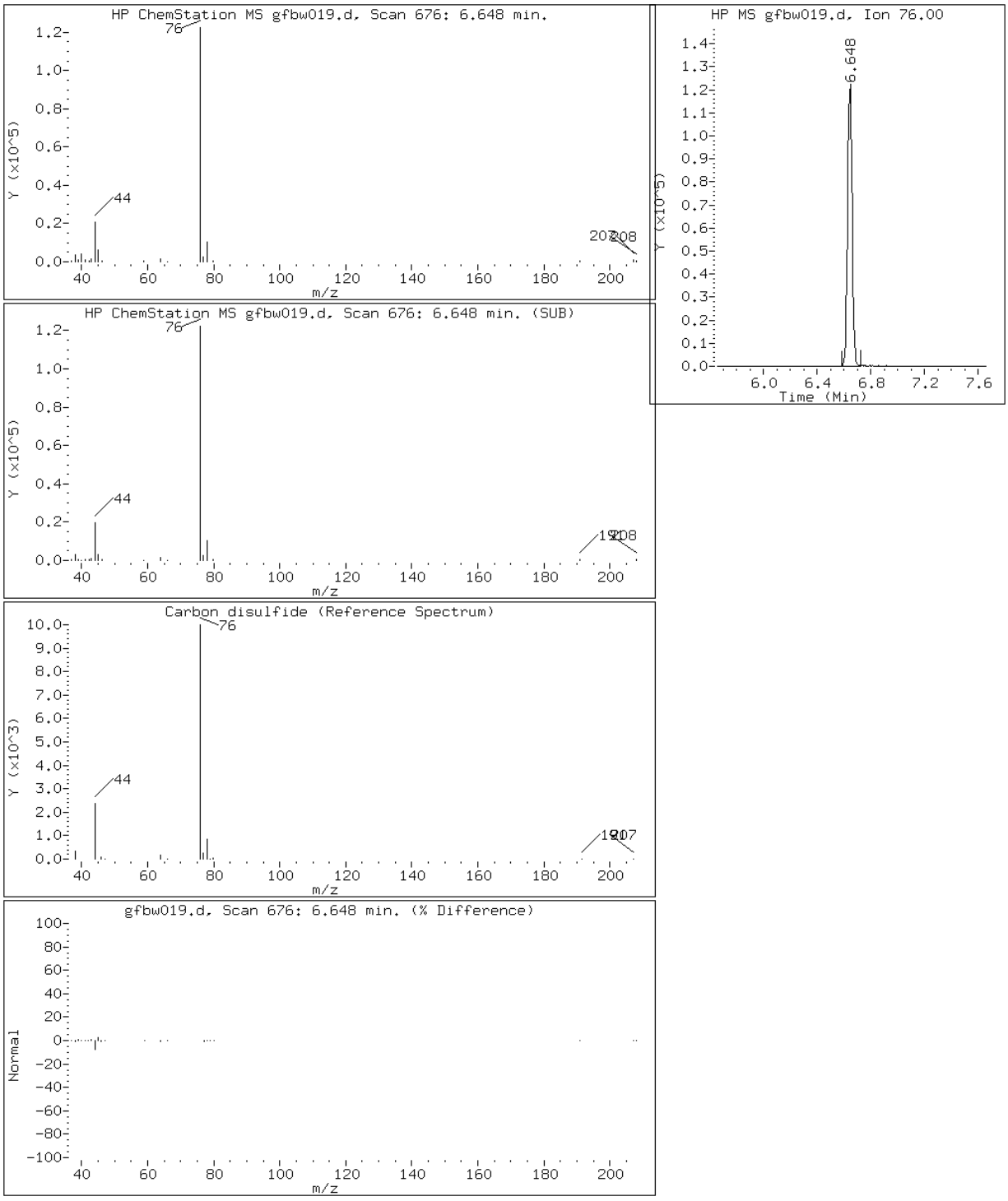
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

21 Carbon disulfide



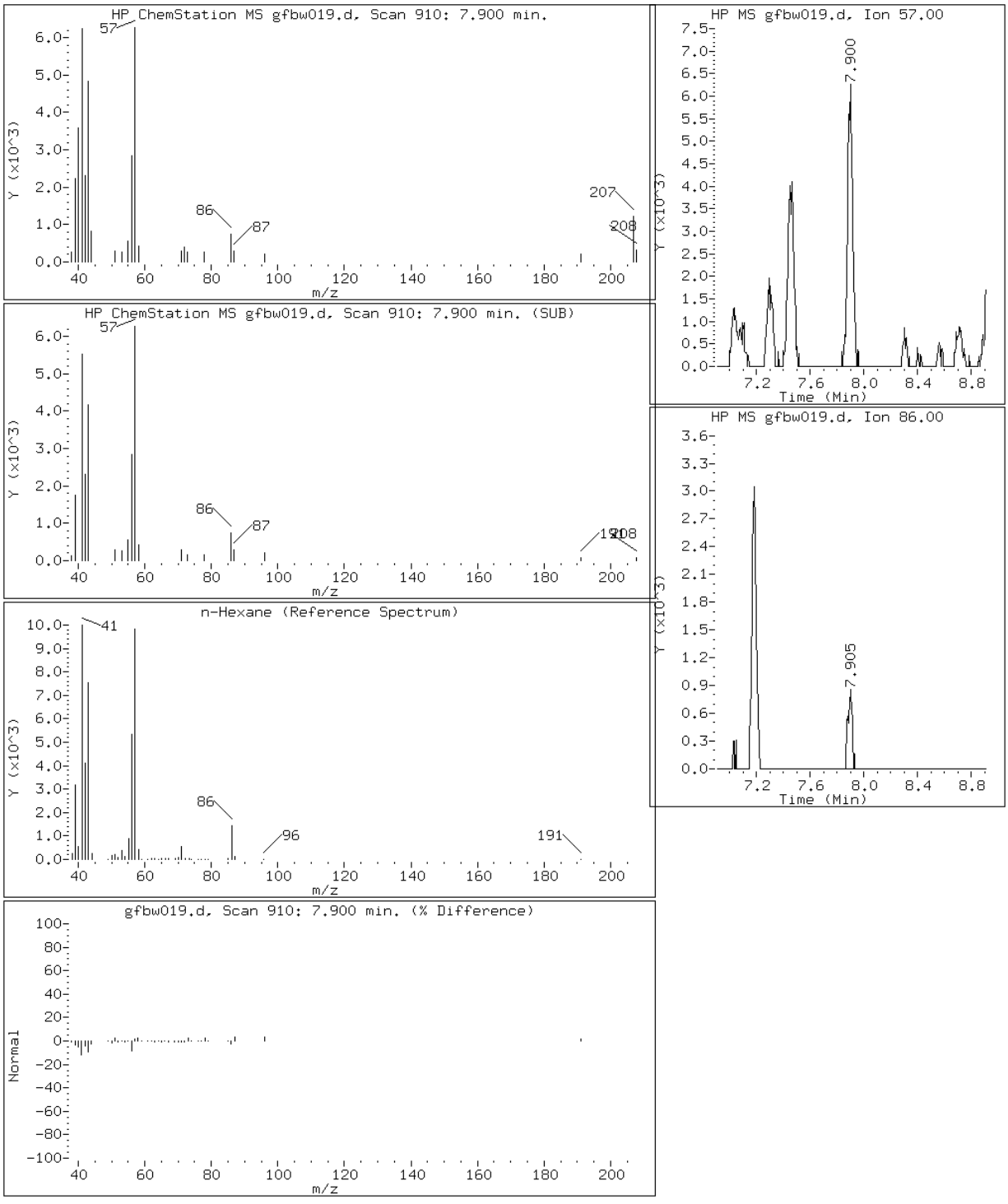
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

30 n-Hexane



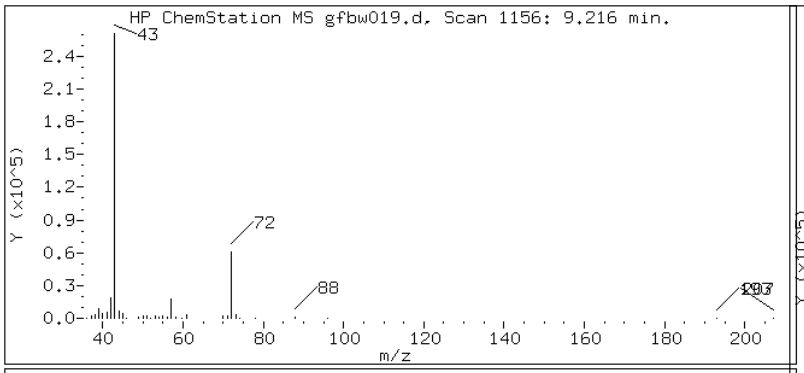
Data File: gfbw019.d

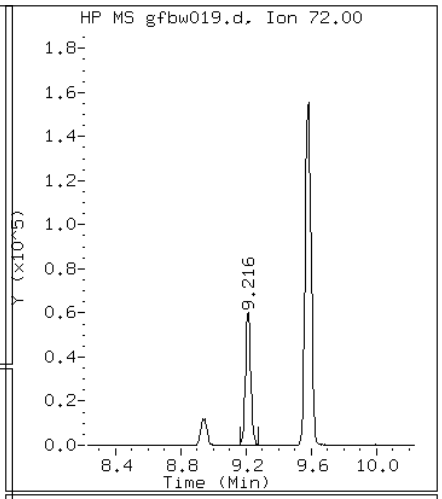
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

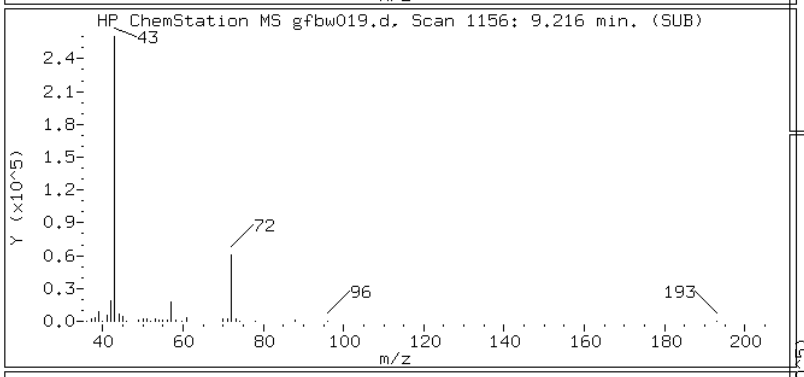
Client ID: CE-VAPOR-6 Instrument: G.i

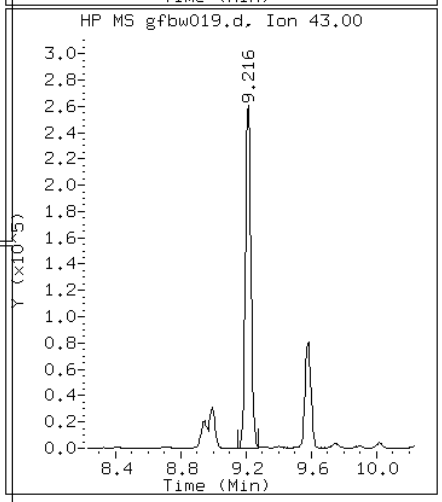
Sample Info: 220-13862-A-7 Operator: wrd

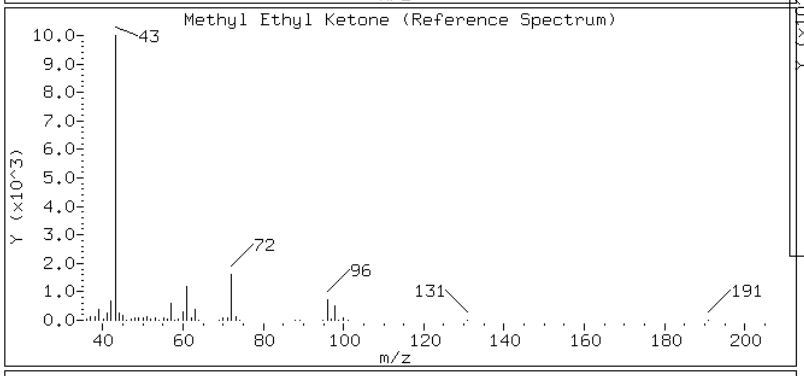
36 Methyl Ethyl Ketone

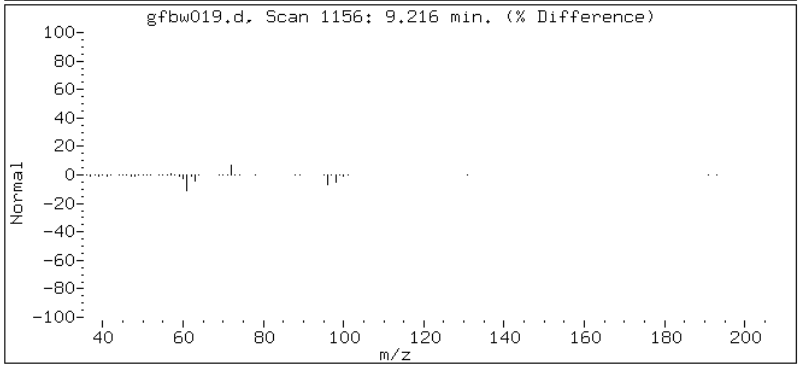












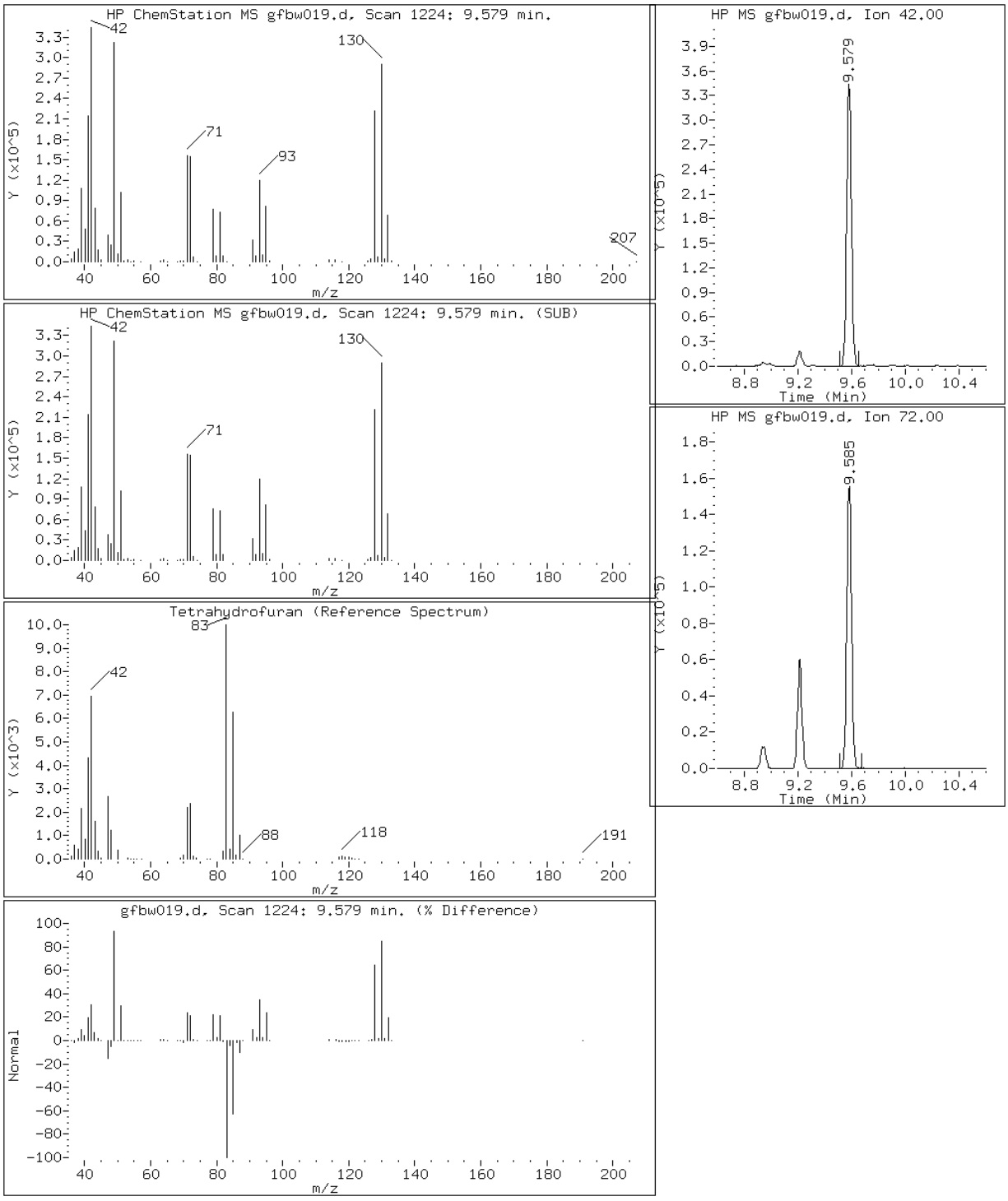
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

38 Tetrahydrofuran



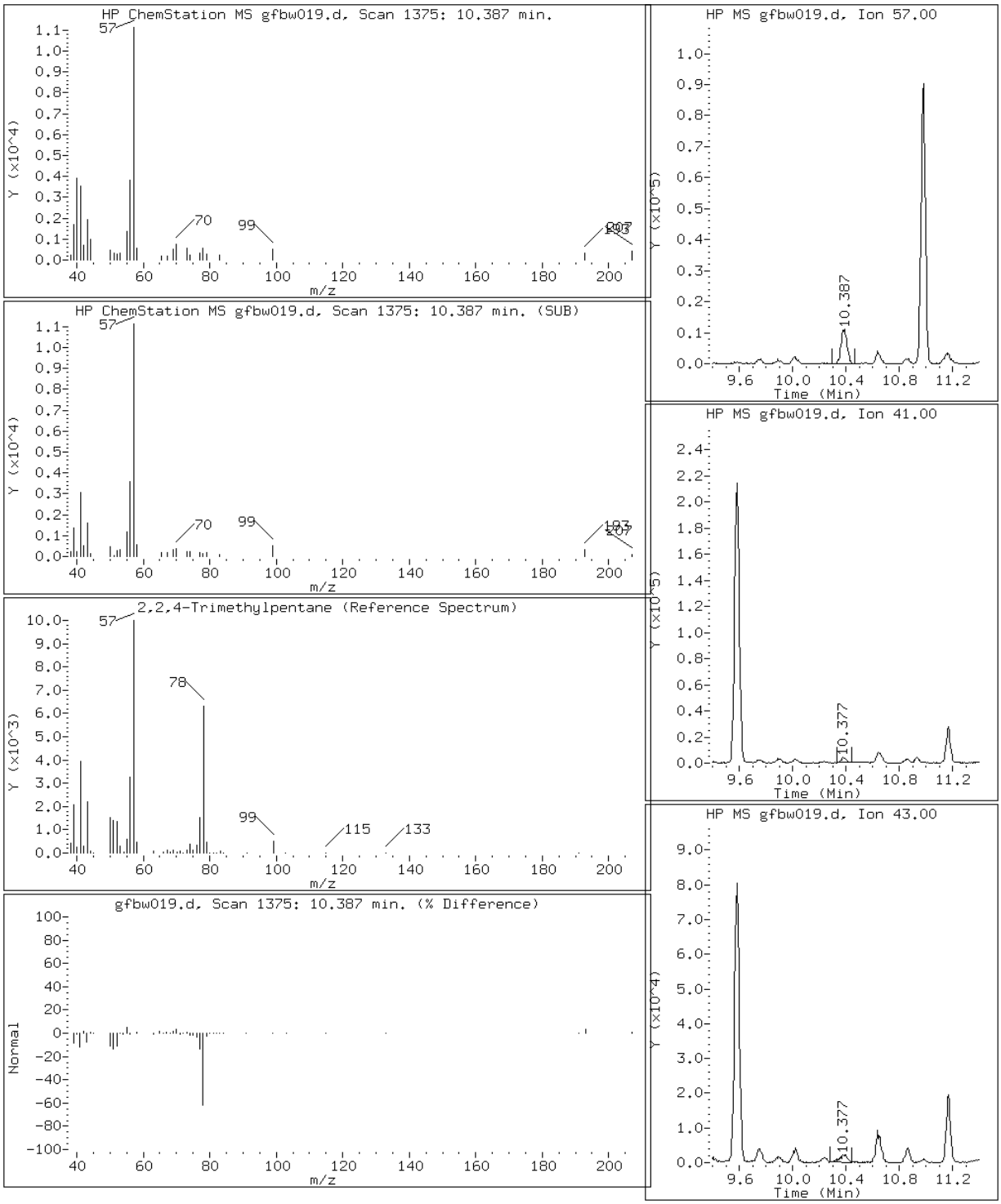
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

43 2,2,4-Trimethylpentane



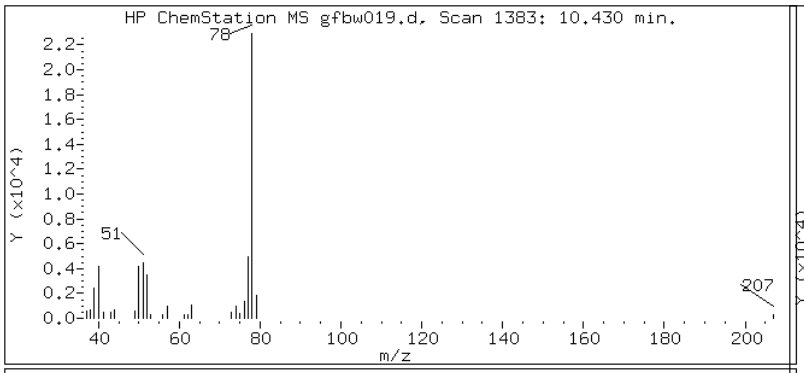
Data File: gfbw019.d

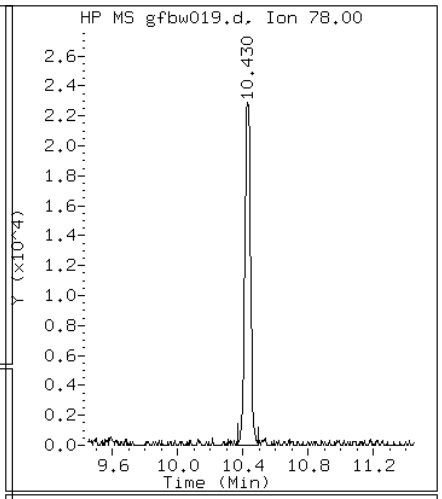
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

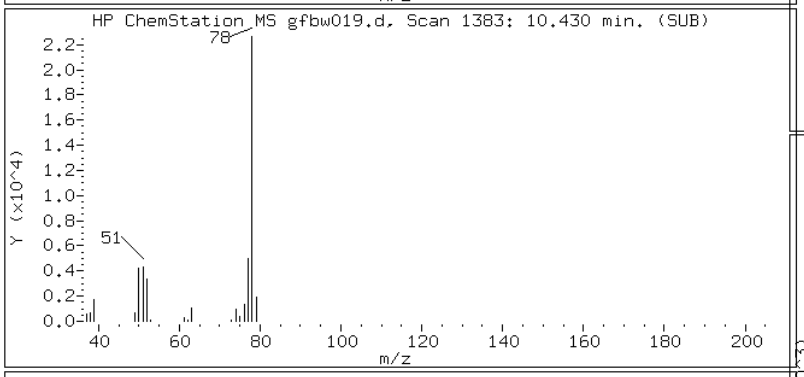
Client ID: CE-VAPOR-6 Instrument: G.i

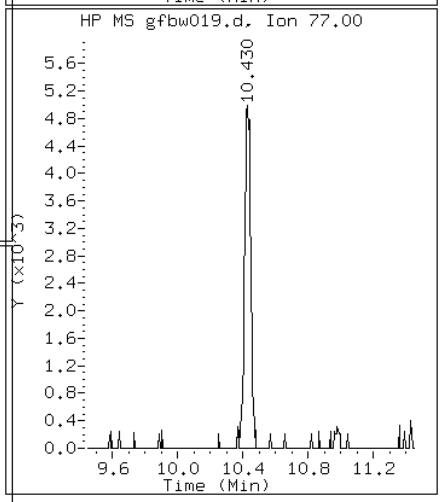
Sample Info: 220-13862-A-7 Operator: wrd

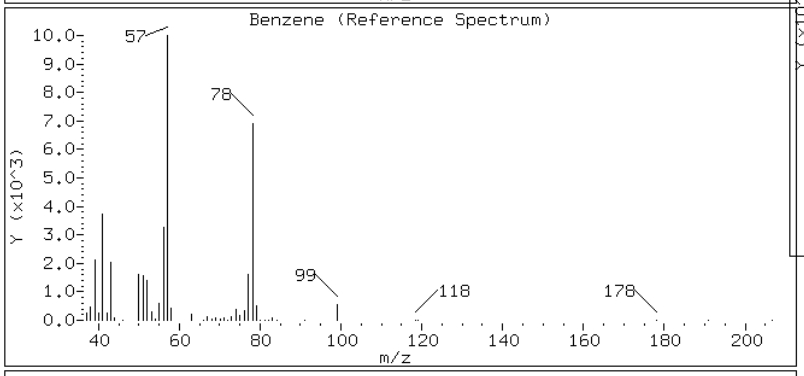
44 Benzene

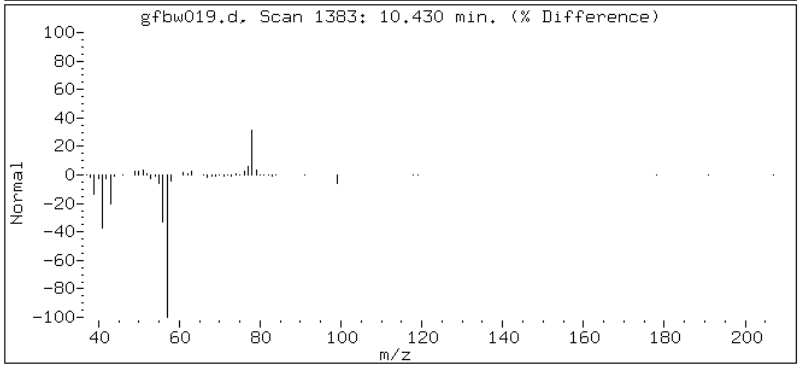












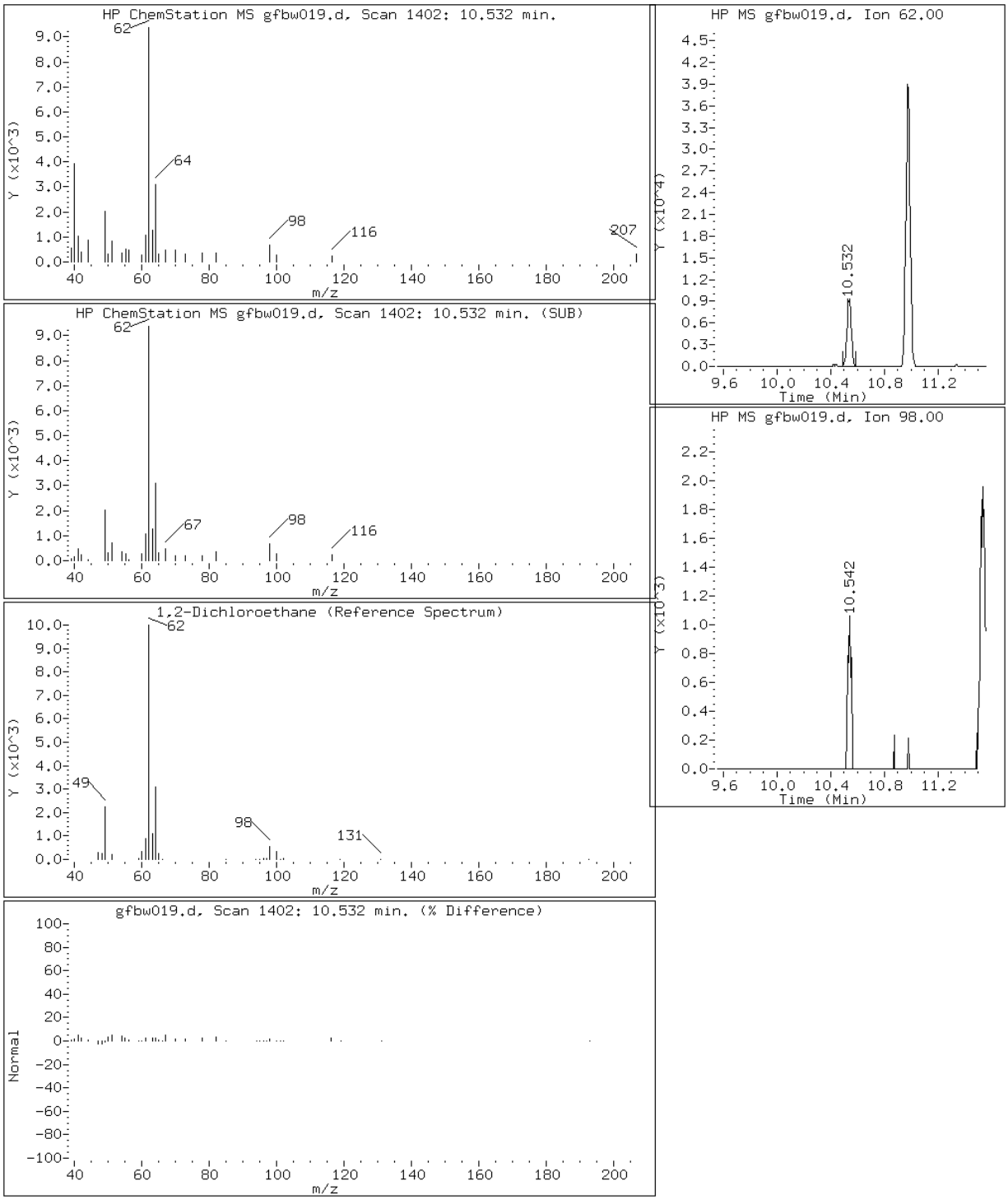
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

45 1,2-Dichloroethane



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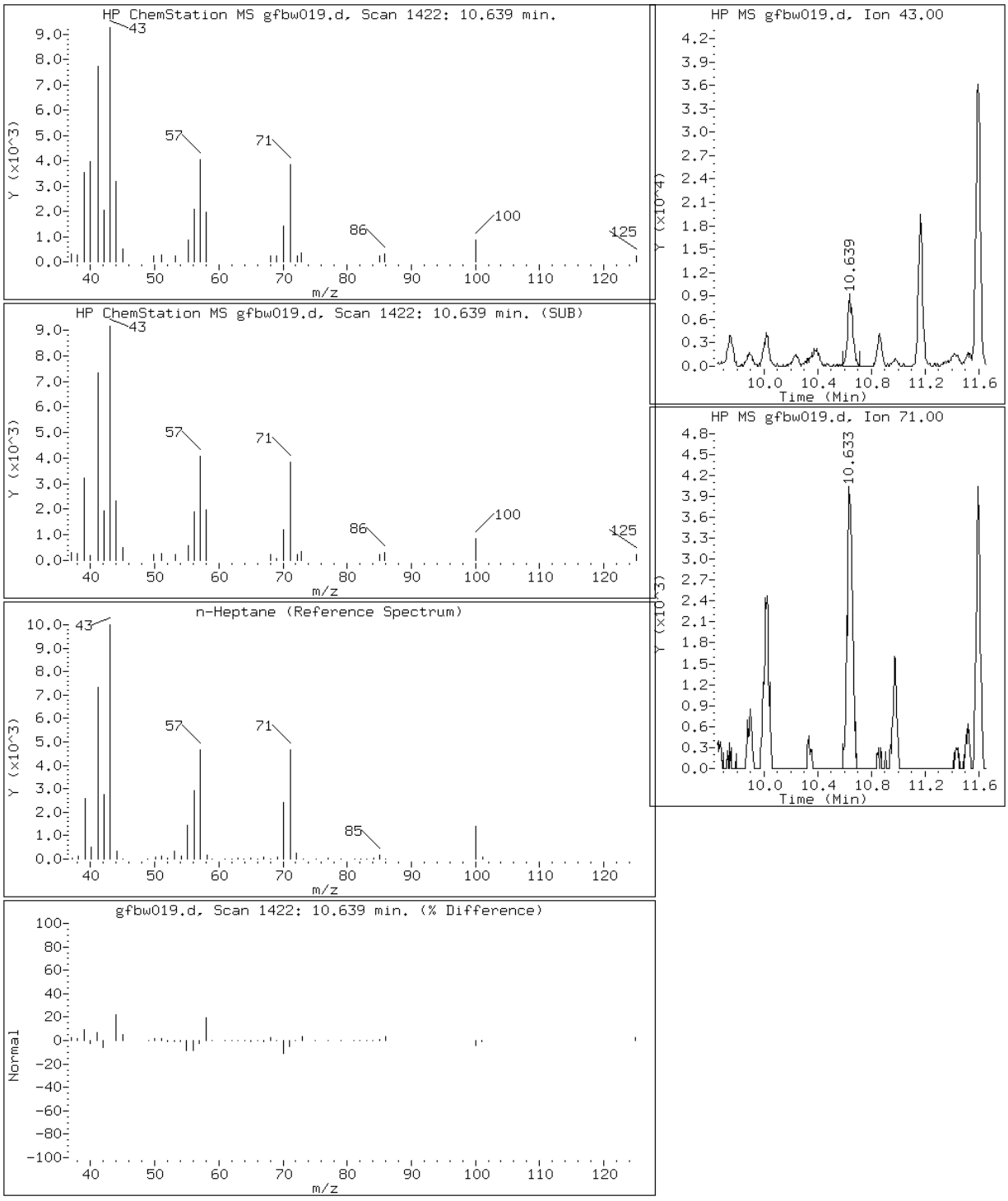
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

46 n-Heptane



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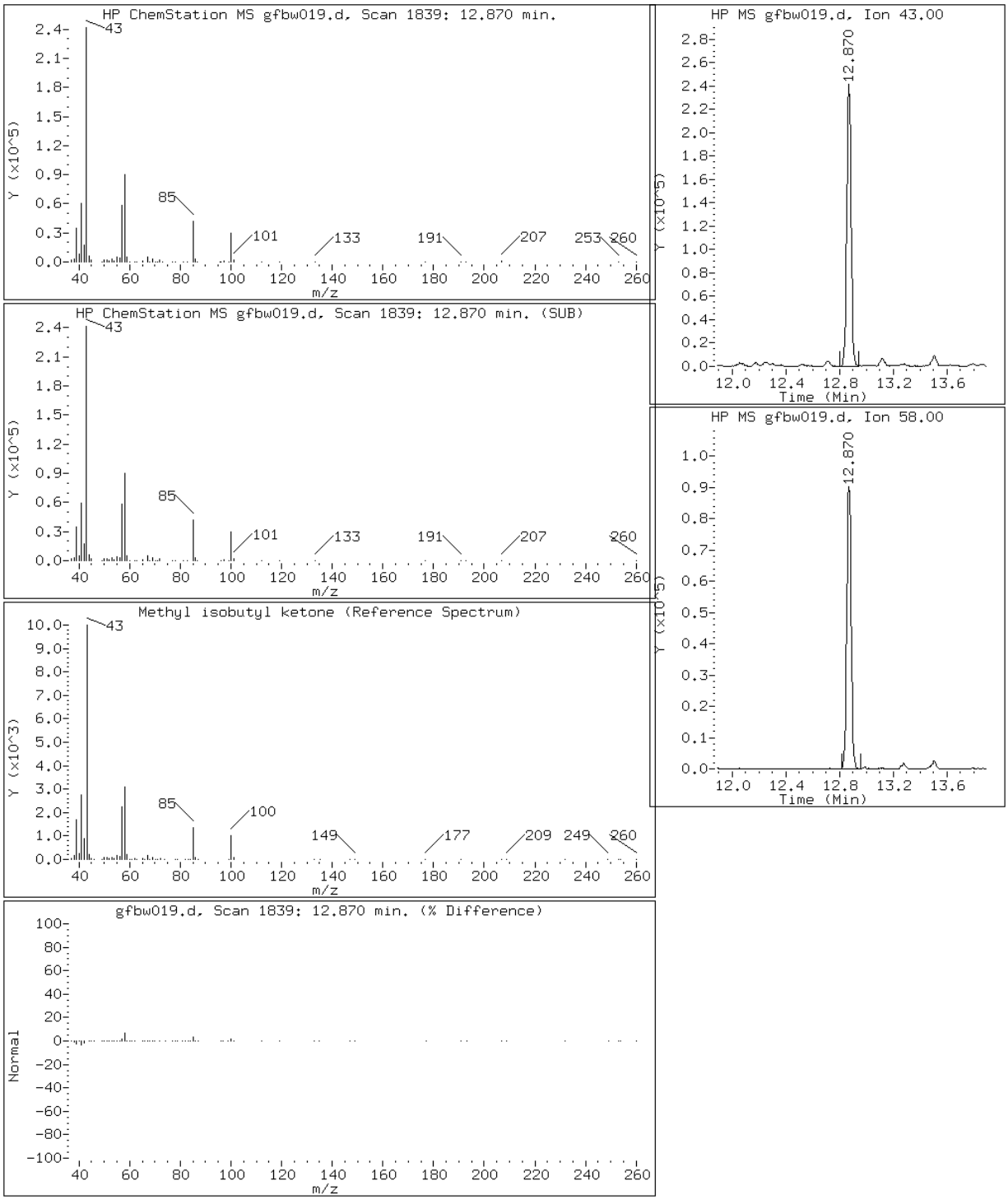
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

56 Methyl isobutyl ketone



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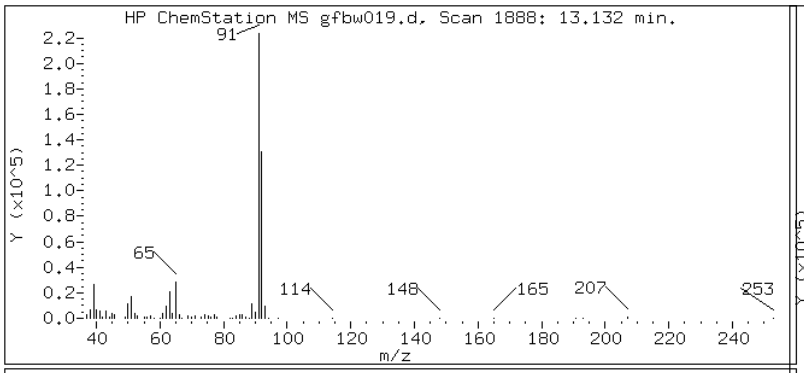
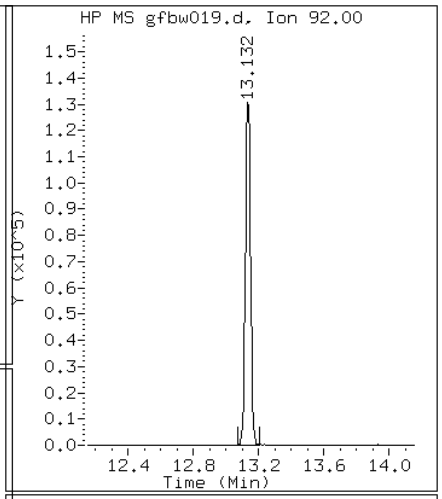
Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

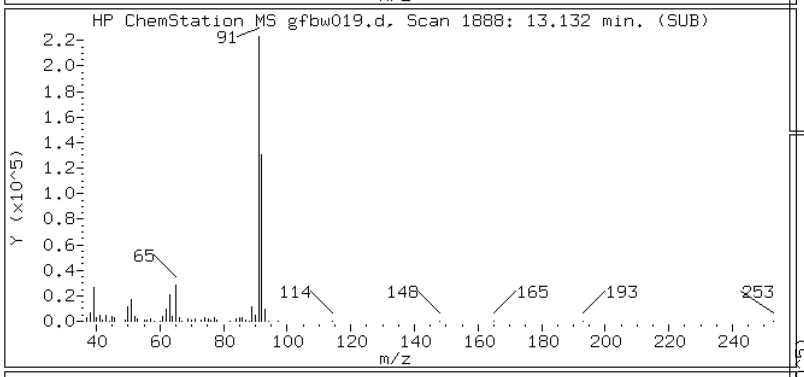
Client ID: CE-VAPOR-6 Instrument: G.i

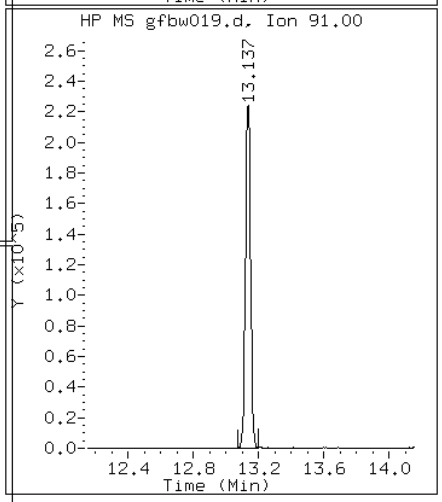
Sample Info: 220-13862-A-7 Operator: wrd

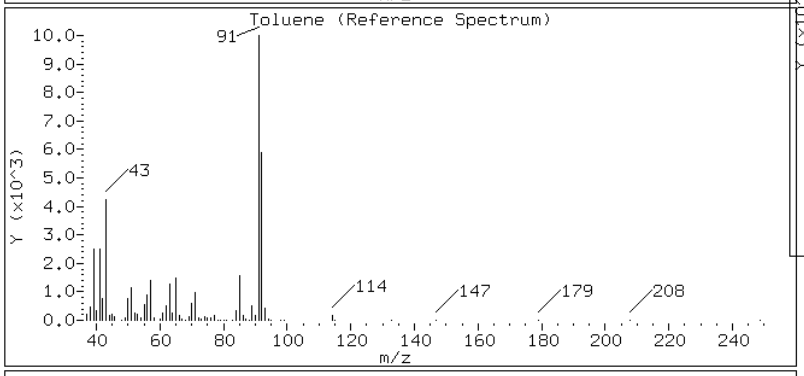
58 Toluene

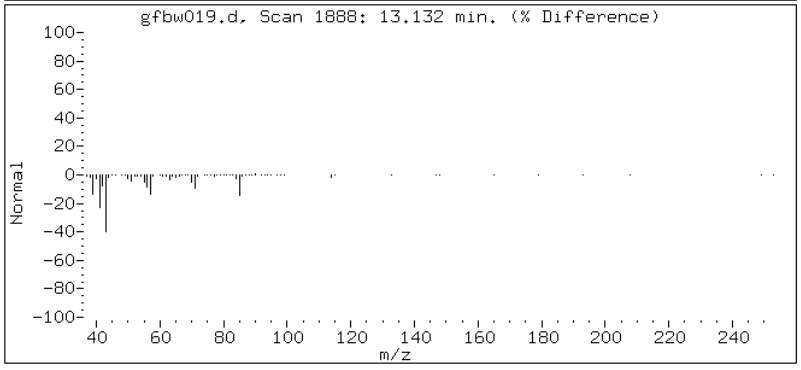












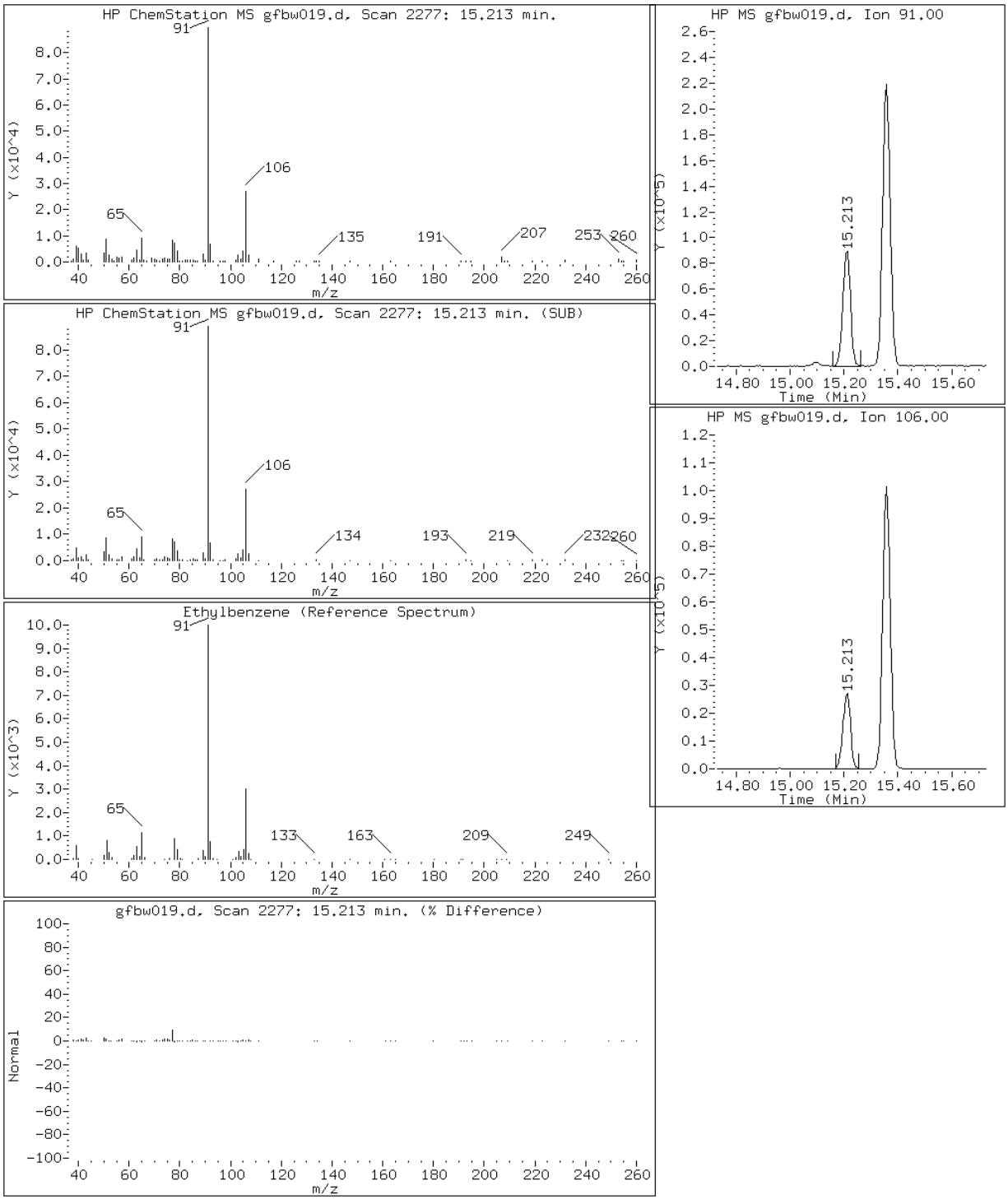
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

68 Ethylbenzene



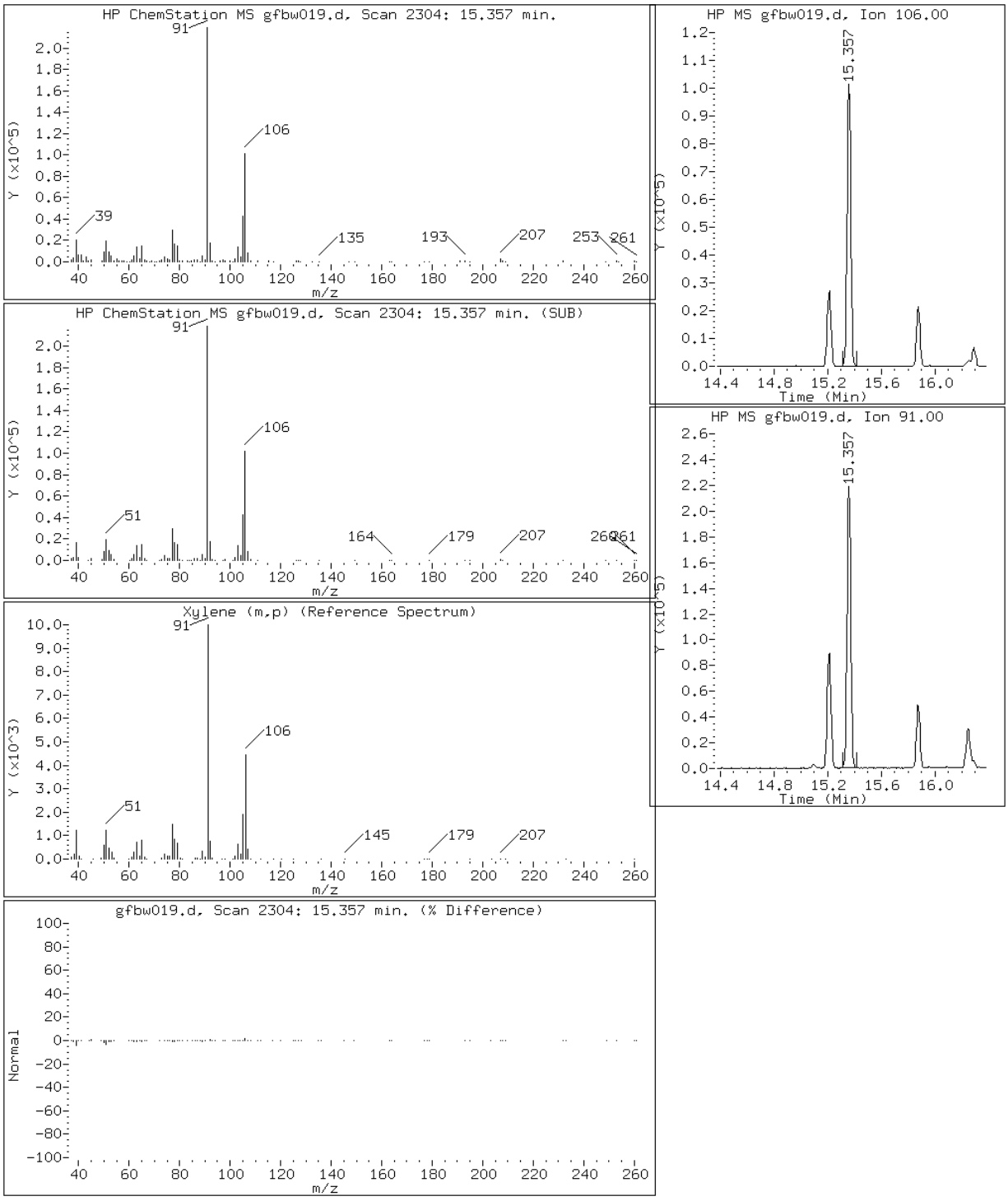
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

69 Xylene (m,p)



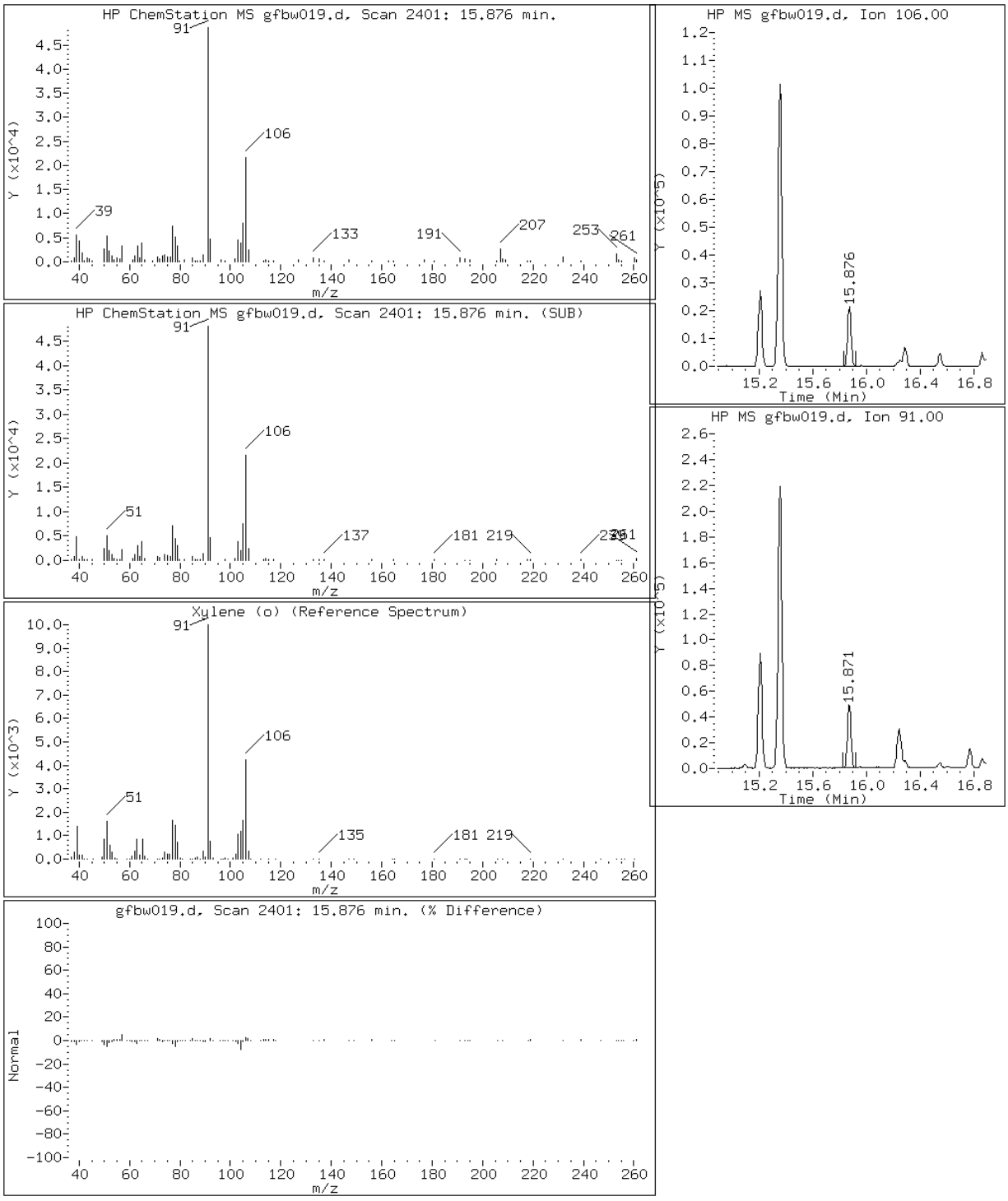
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

71 Xylene (o)



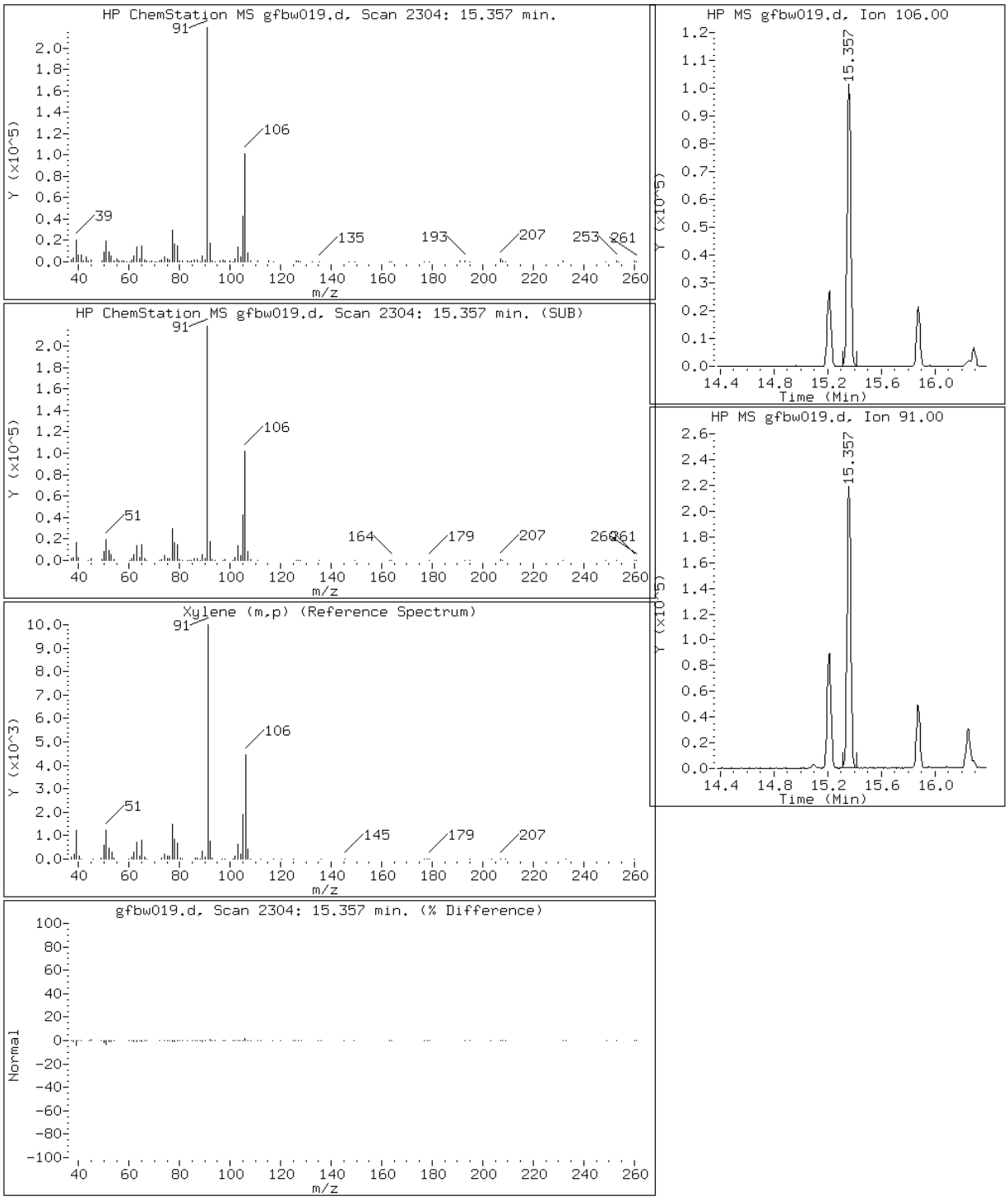
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

69 Xylene (m,p)



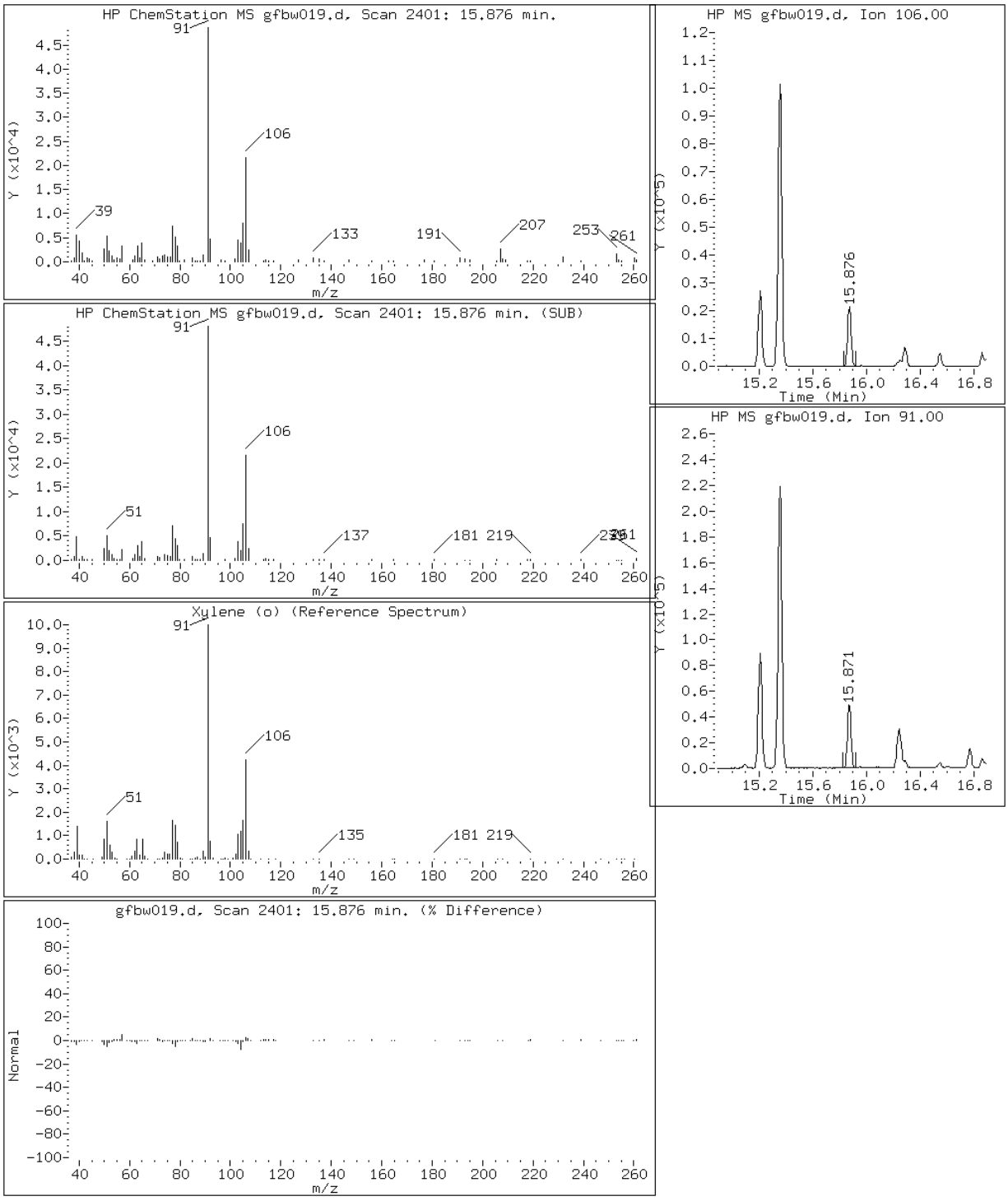
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

71 Xylene (o)



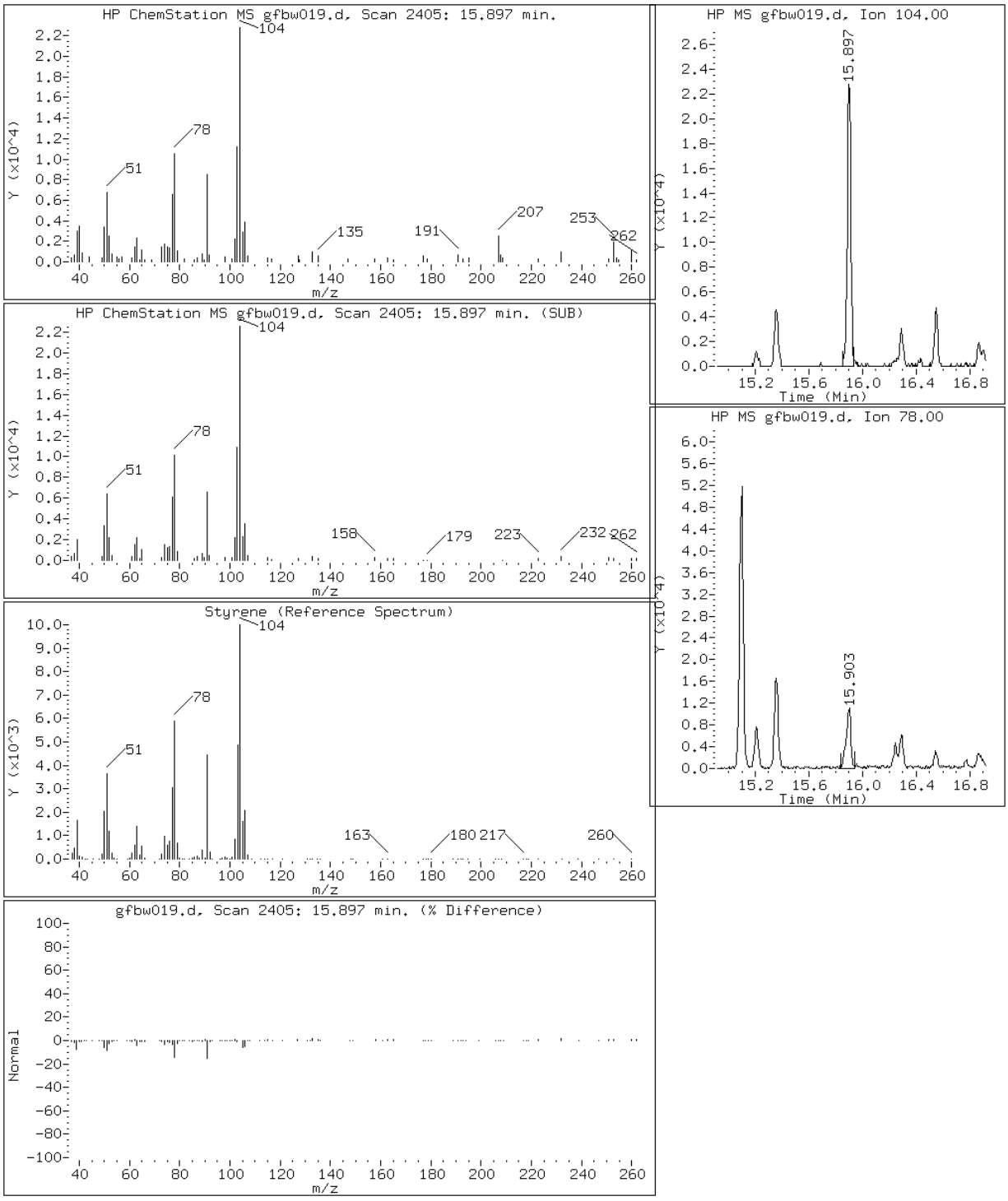
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

72 Styrene



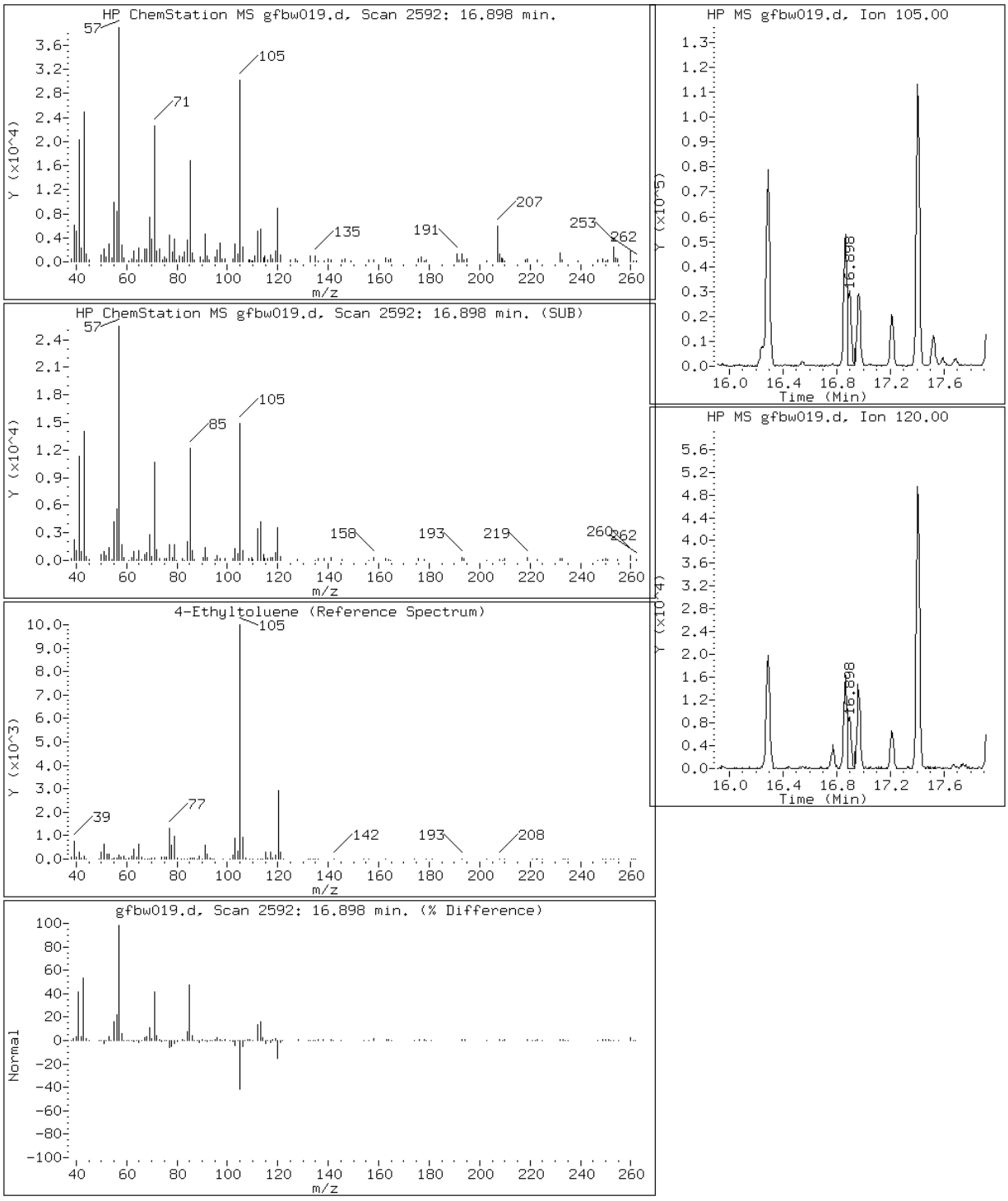
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

79 4-Ethyltoluene



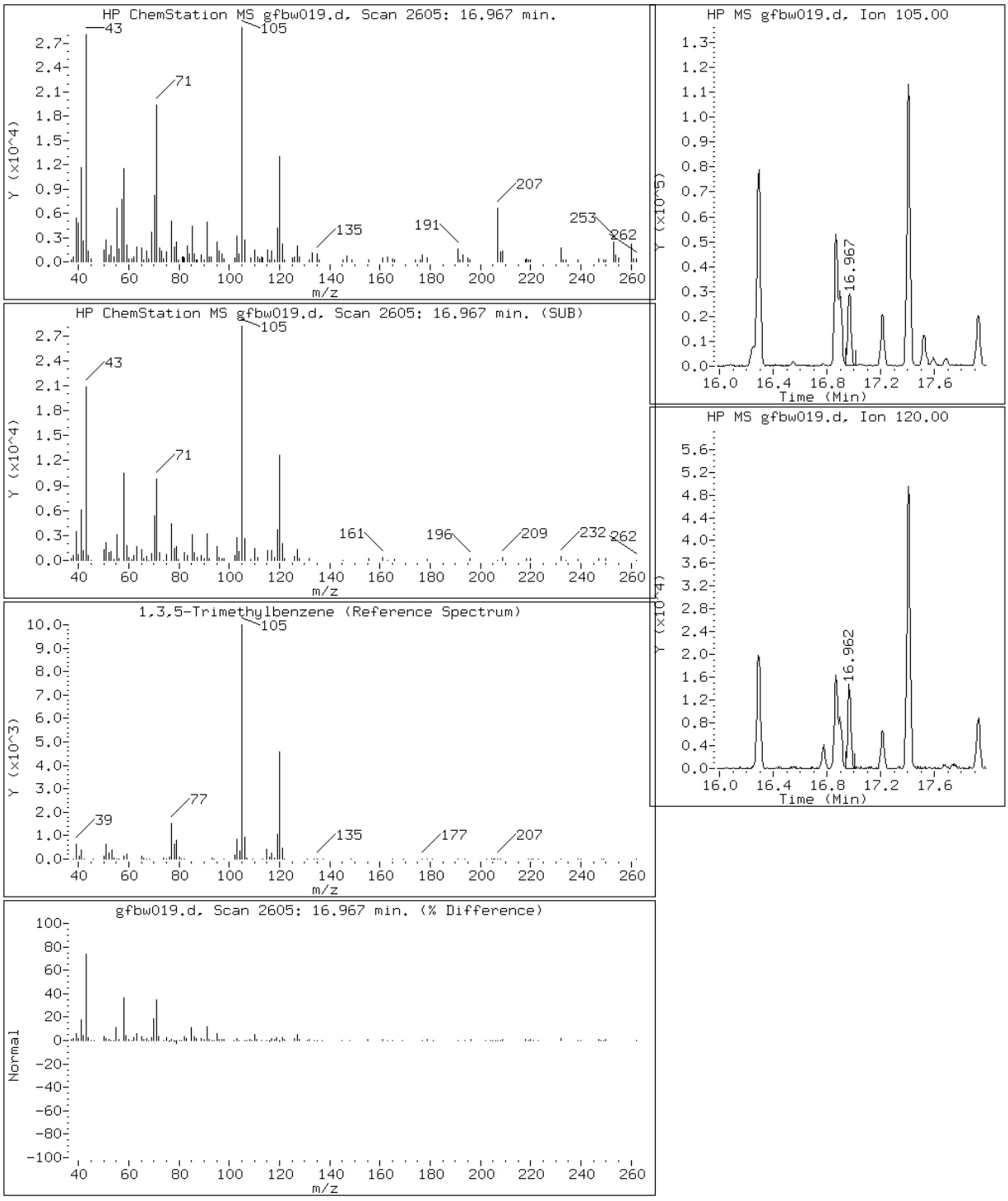
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

81 1,3,5-Trimethylbenzene



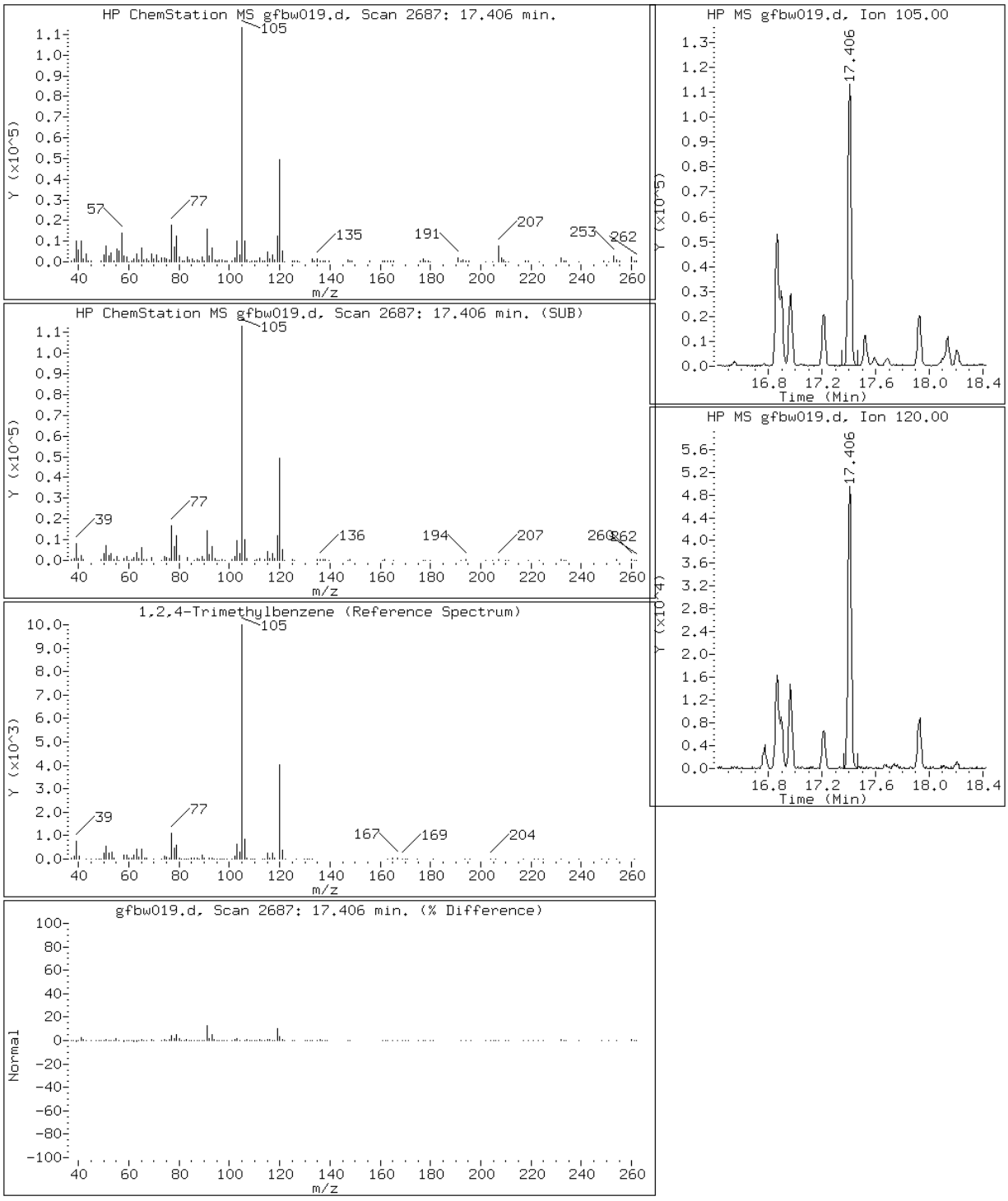
Data File: gfbw019.d

Lab Sample ID: 220-13862-7 Date: 06-NOV-2010 04:13

Client ID: CE-VAPOR-6 Instrument: G.i

Sample Info: 220-13862-A-7 Operator: wrd

84 1,2,4-Trimethylbenzene



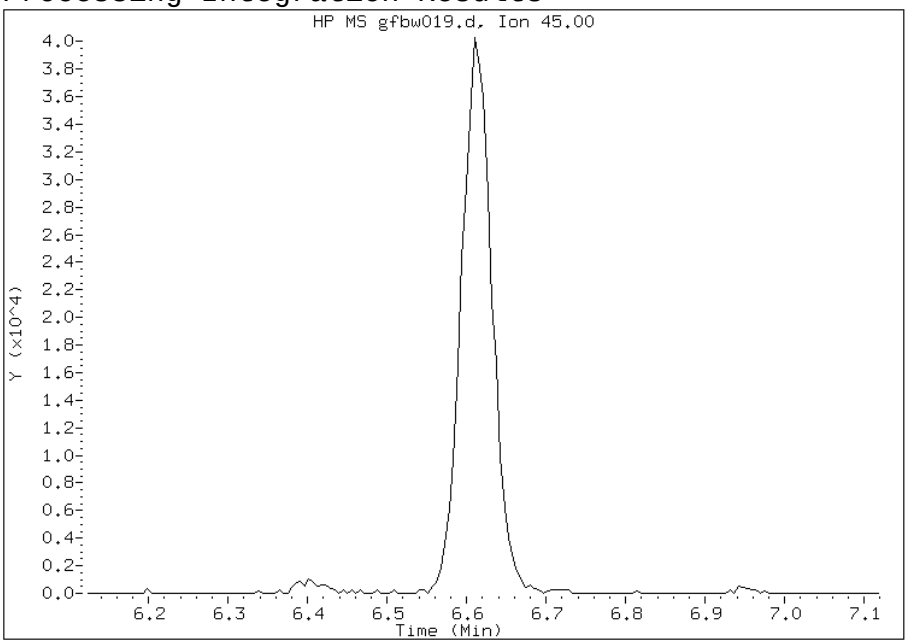
Manual Integration Report

Data File: gfbw019.d
Lab Sample ID: 220-13862-7
Inj. Date and Time: 06-NOV-2010 04:13
Instrument ID: G.i
Client ID: CE-VAPOR-6
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 11/06/2010

Processing Integration Results

Not Detected

Expected RT: 6.62



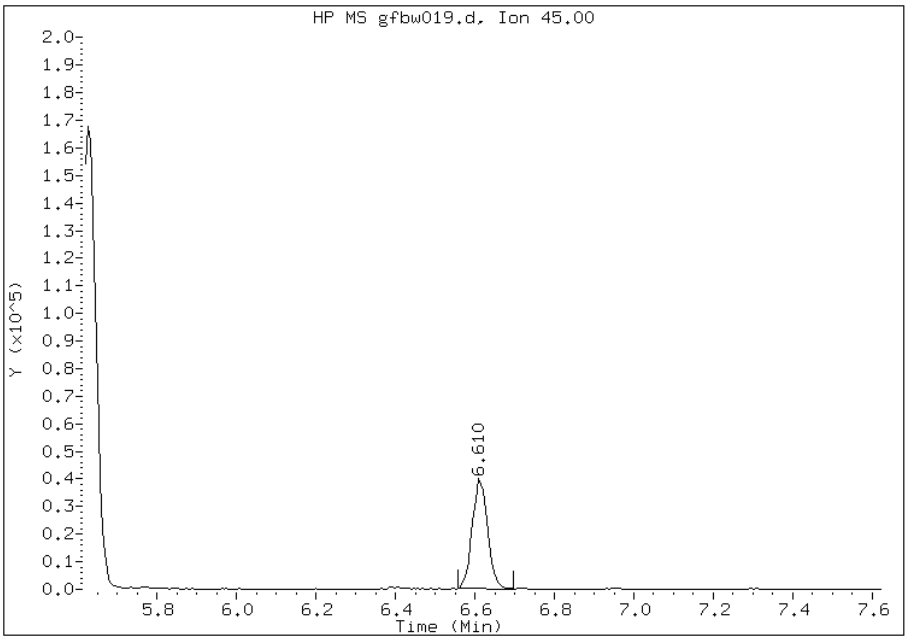
Manual Integration Results

RT: 6.61

Response: 105790

Amount: 2.68

Conc: 2.68



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

Manual Integration Report

Data File: gfbw019.d
Lab Sample ID: 220-13862-7
Inj. Date and Time: 06-NOV-2010 04:13
Instrument ID: G.i
Client ID: CE-VAPOR-6
Compound: 43 2,2,4-Trimethylpentane
CAS #: 540-84-1
Report Date: 11/06/2010

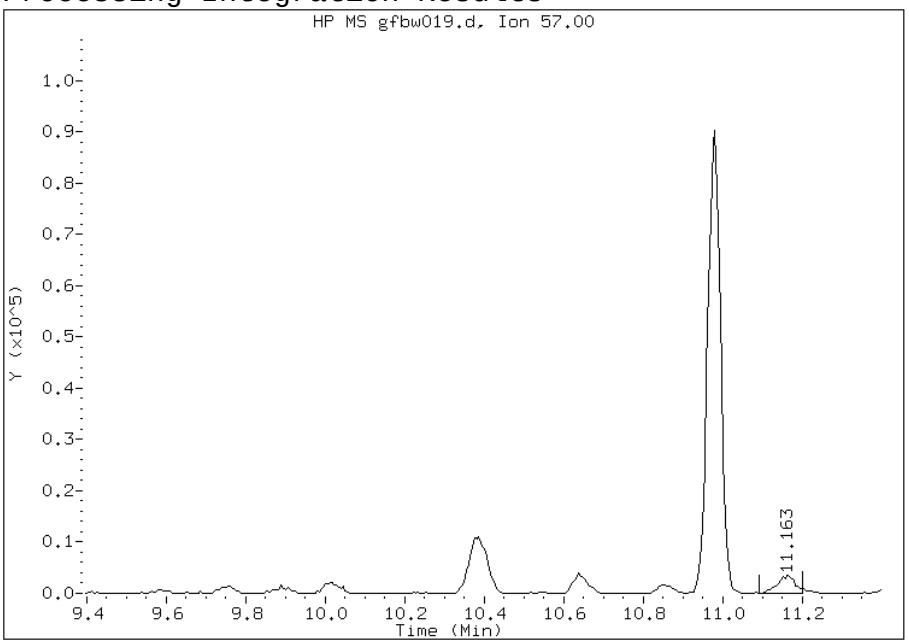
Processing Integration Results

RT: 11.16

Response: 10869

Amount: 0.062976

Conc: 0.062976



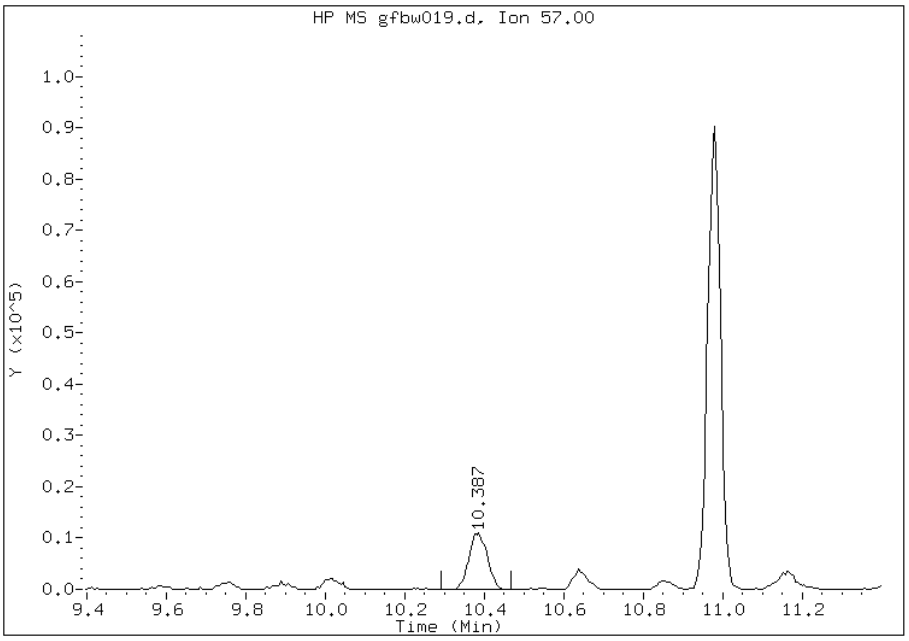
Manual Integration Results

RT: 10.39

Response: 35228

Amount: 0.204115

Conc: 0.204115



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

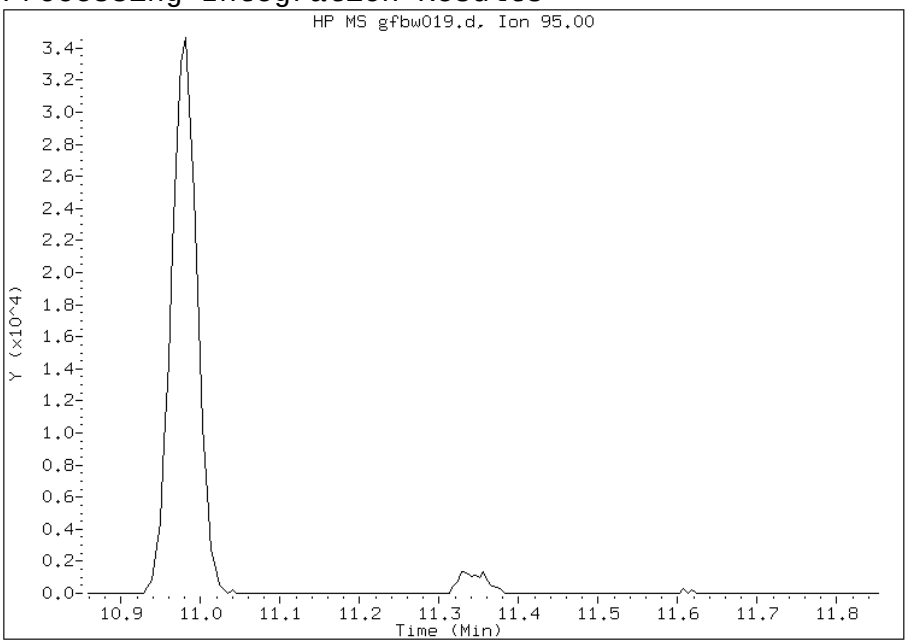
Manual Integration Report

Data File: gfbw019.d
Lab Sample ID: 220-13862-7
Inj. Date and Time: 06-NOV-2010 04:13
Instrument ID: G.i
Client ID: CE-VAPOR-6
Compound: 49 Trichloroethene
CAS #: 79-01-6
Report Date: 11/06/2010

Processing Integration Results

Not Detected

Expected RT: 11.36



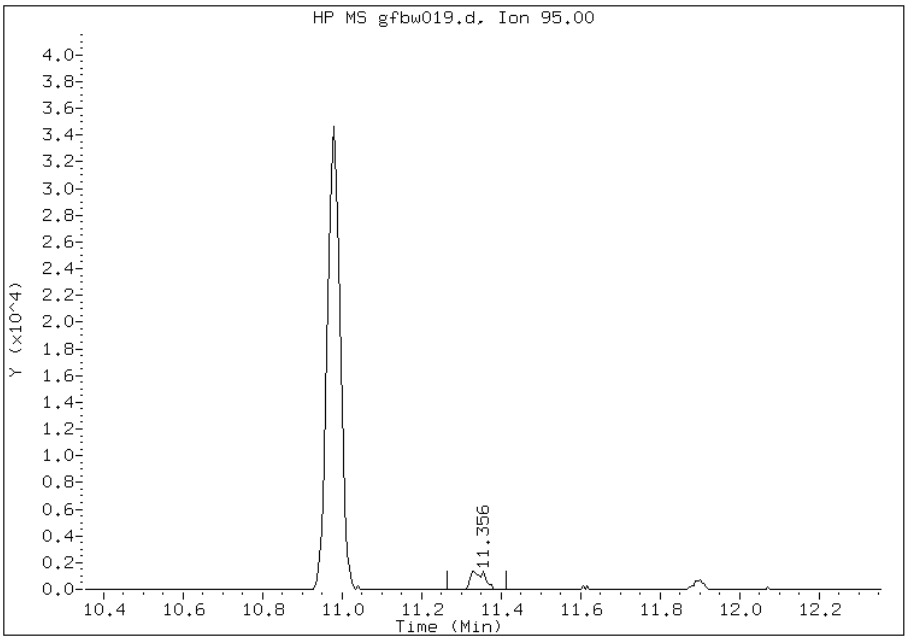
Manual Integration Results

RT: 11.36

Response: 3300

Amount: 0.048726

Conc: 0.048726



File Uploaded By: njr
Manual Integration Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.96		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.26		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	13		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.26		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	2.4		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.41		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.23		0.20	0.015
142-82-5	n-Heptane	100.21	0.23		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.60		0.50	0.064
108-88-3	Toluene	92.14	2.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.32		0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.86		0.50	0.023
95-47-6	Xylene, o-	106.17	0.20		0.20	0.050
1330-20-7	Xylene (total)	106.17	1.1		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	2.0		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	30		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.91		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	7.1		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	1.3		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.92		0.81	0.061
142-82-5	n-Heptane	100.21	0.94		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-7 Lab Sample ID: 220-13862-8

Matrix: Air Lab File ID: gfbw020.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:02

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.5		2.0	0.26
108-88-3	Toluene	92.14	7.7		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	1.4		0.87	0.061
179601-23-1	m,p-Xylene	106.17	3.7		2.2	0.10
95-47-6	Xylene, o-	106.17	0.89		0.87	0.22
1330-20-7	Xylene (total)	106.17	4.6		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-8
Client Smp ID: CE-VAPOR-7
Inj Date : 06-NOV-2010 05:01
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-8
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	76113	0.49276	0.49(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	26842	0.96136	0.96
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.791	3.796	(0.396)	2425	0.10459	0.10(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.177	5.187	(0.541)	42384	0.26092	0.26
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	9120	0.09144	0.091(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.407	6.423	(0.669)	762331	12.7664	13
21 Carbon disulfide	76	6.643	6.658	(0.694)	23654	0.18044	0.18(a)
22 Isopropanol	45	6.616	6.621	(0.691)	79194	1.92968	1.9(aM)
23 Allyl chloride	41	Compound Not Detected.					

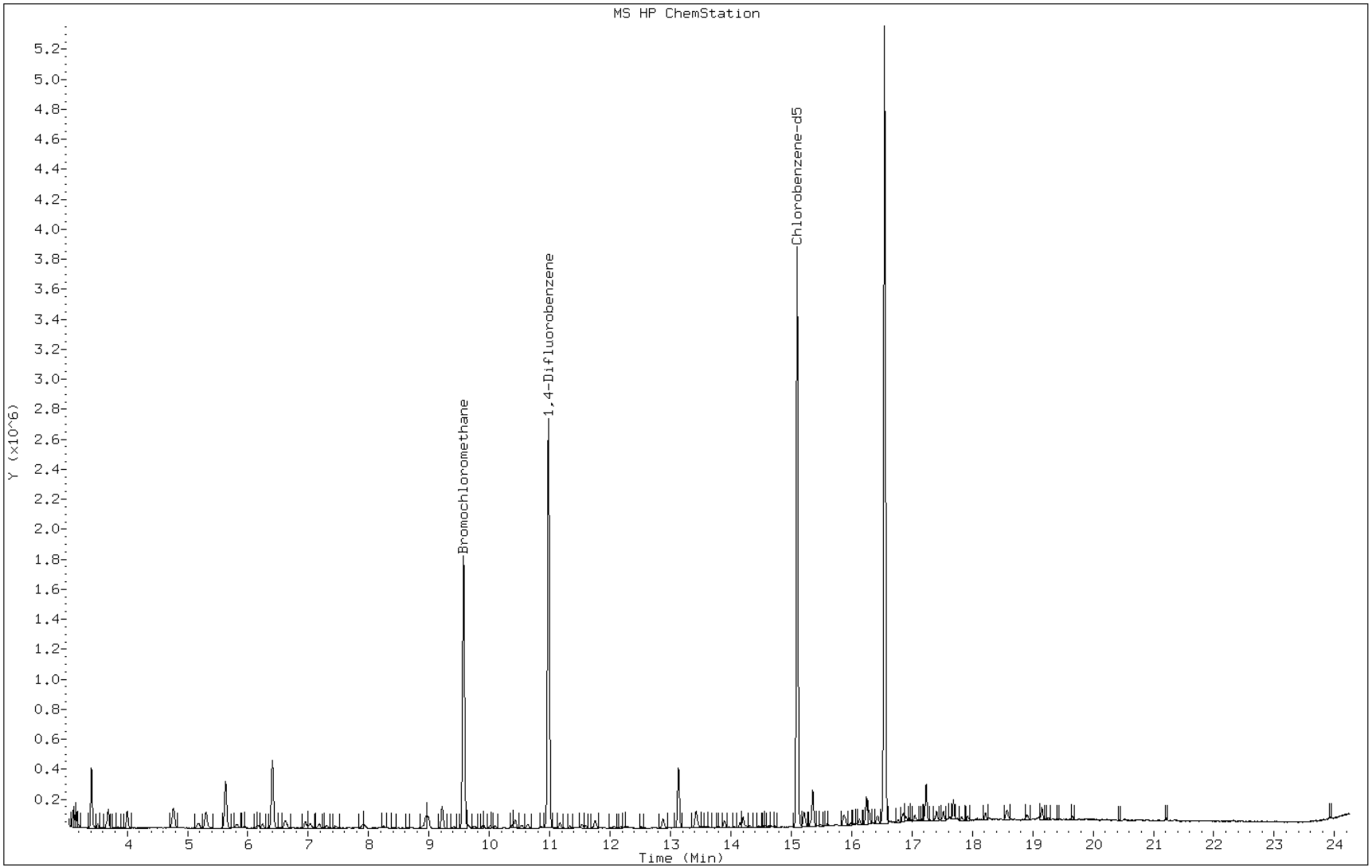
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	25 Methylene chloride	49	7.188	7.199	(0.751)	15178	0.31805	0.32(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.894	7.910	(0.825)	15092	0.25853	0.26
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.210	9.232	(0.962)	42451	2.39580	2.4(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	552072	10.0000	(Q)
	38 Tetrahydrofuran	42	9.585	9.601	(0.873)	106144	2.98571	3.0(a)
	39 Chloroform	83	9.649	9.665	(1.008)	15398	0.13567	0.14(a)
	40 Cyclohexane	84	9.906	9.916	(0.903)	5750	0.09892	0.099(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	14112	0.09295	0.093(a)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.946)	30283	0.15895	0.16(a)
	44 Benzene	78	10.425	10.451	(0.950)	58244	0.40943	0.41
	45 1,2-Dichloroethane	62	10.537	10.558	(0.960)	18727	0.22830	0.23
	46 n-Heptane	43	10.639	10.655	(0.969)	15800	0.22893	0.23
*	47 1,4-Difluorobenzene	114	10.976	11.002	(1.000)	2701381	10.0000	
	49 Trichloroethene	95	11.329	11.355	(1.032)	5722	0.07652	0.077(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.875	12.891	(1.173)	49897	0.60475	0.60
	58 Toluene	92	13.132	13.153	(0.870)	207130	2.05561	2.1
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.897	13.913	(0.921)	17389	0.15566	0.16(a)
	62 2-Hexanone	43	14.052	14.068	(0.931)	8595	0.10883	0.11(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2554525	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.207	15.229	(1.007)	72672	0.31878	0.32
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	74128	0.85631	0.86
M	70 Xylenes, Total	106				91815	1.06017	1.1
	71 Xylene (o)	106	15.871	15.892	(1.051)	17687	0.20387	0.20
	72 Styrene	104	15.898	15.919	(1.053)	22532	0.17524	0.18(a)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	11674	0.05180	0.052(a)
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	30685	0.13757	0.14(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gfbw020.d	Date:	06-NOV-2010 05:01
Client ID:	CE-VAPOR-7	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-8		
Lab Sample ID:	220-13862-8		



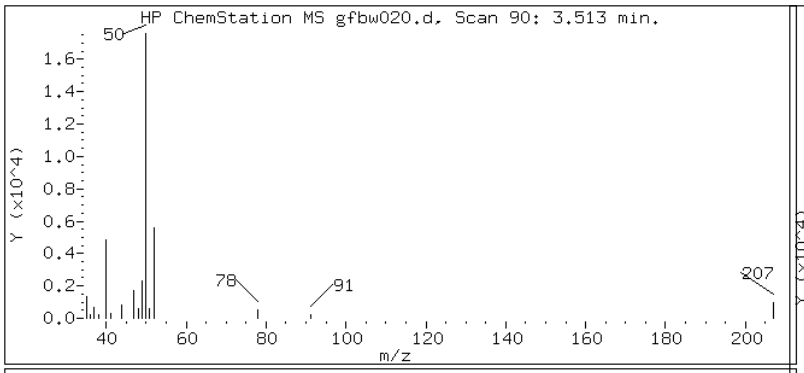
Data File: gfbw020.d

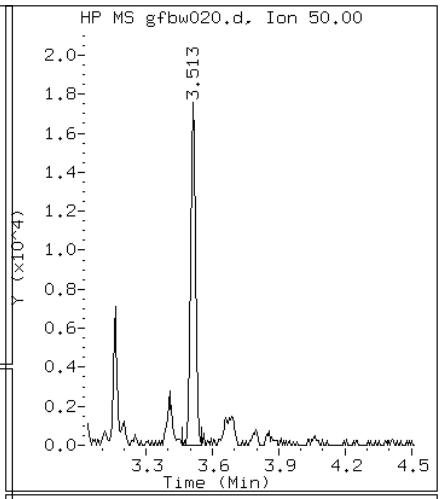
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

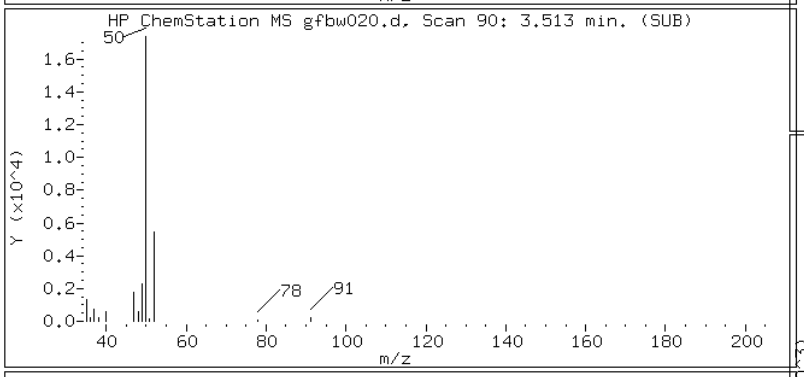
Client ID: CE-VAPOR-7 Instrument: G.i

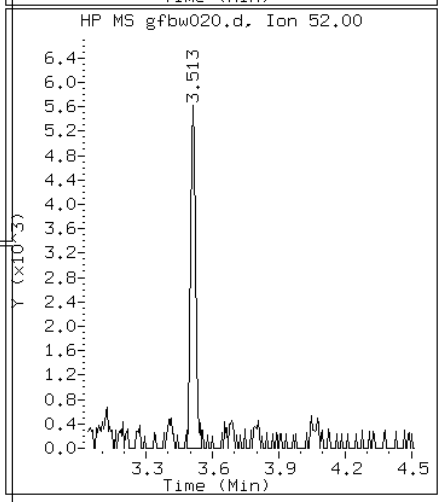
Sample Info: 220-13862-A-8 Operator: wrd

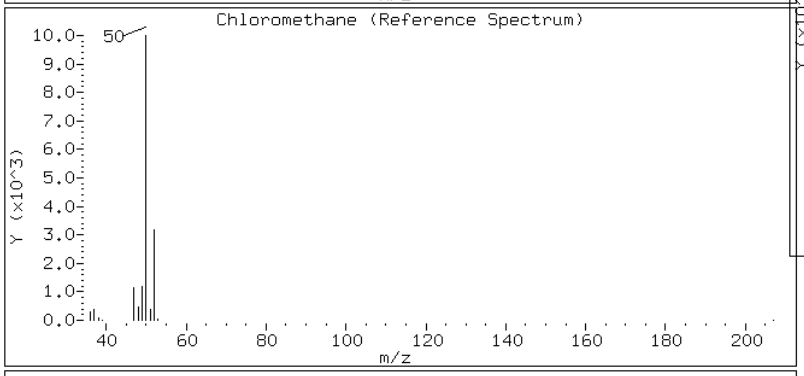
5 Chloromethane

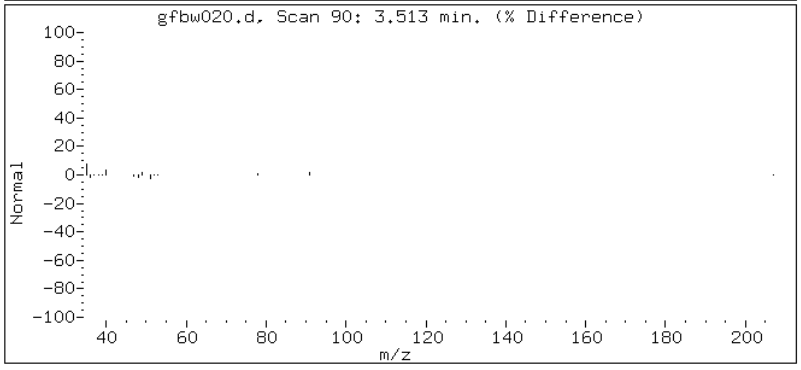












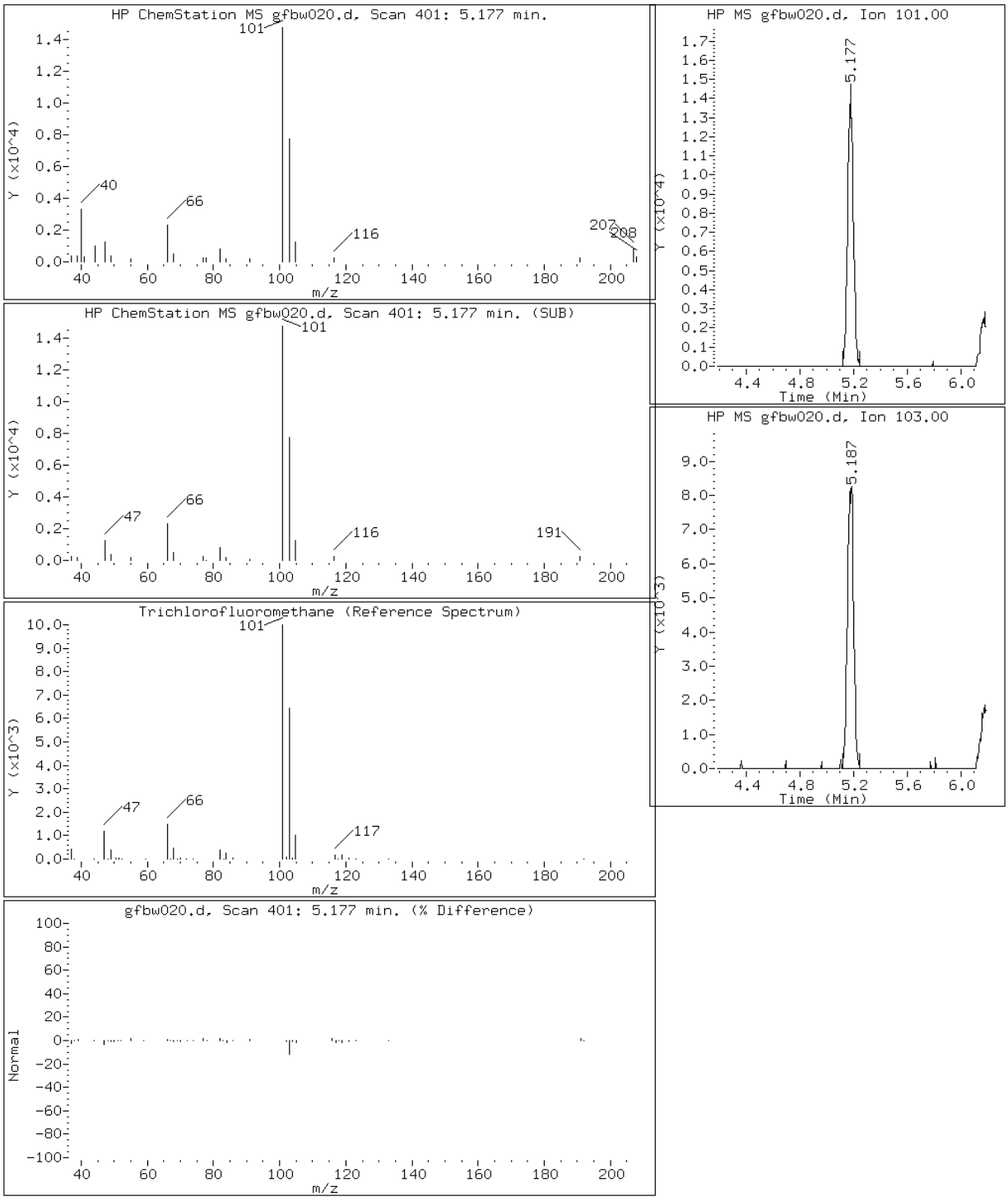
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

13 Trichlorofluoromethane



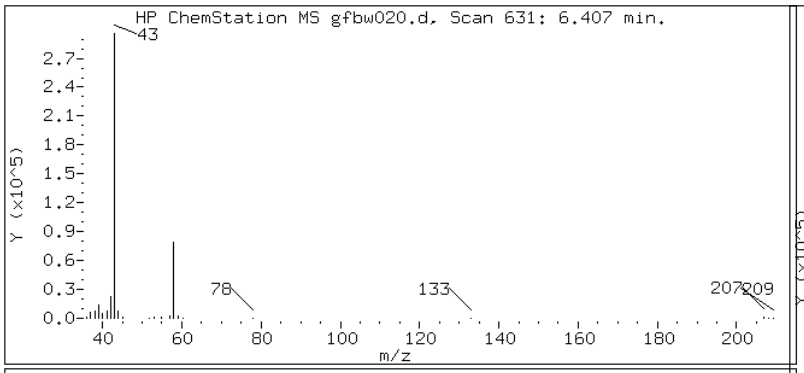
Data File: gfbw020.d

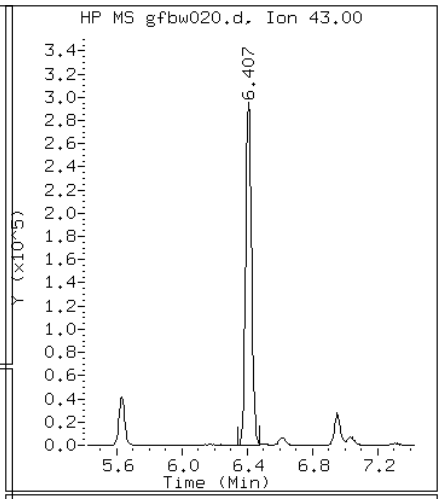
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

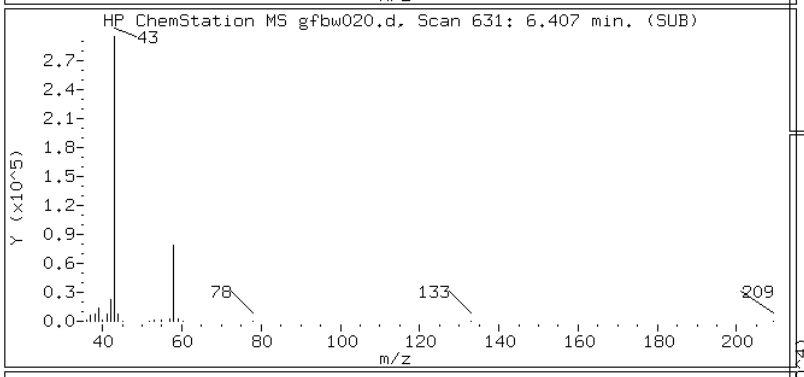
Client ID: CE-VAPOR-7 Instrument: G.i

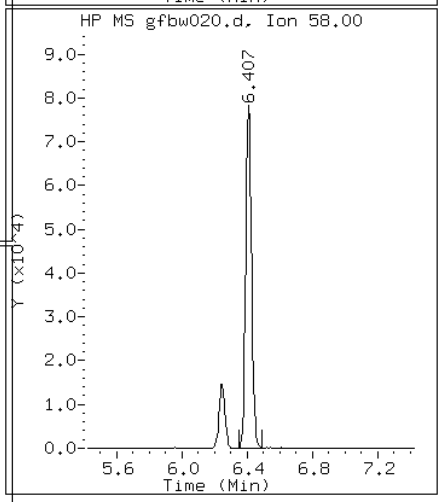
Sample Info: 220-13862-A-8 Operator: wrd

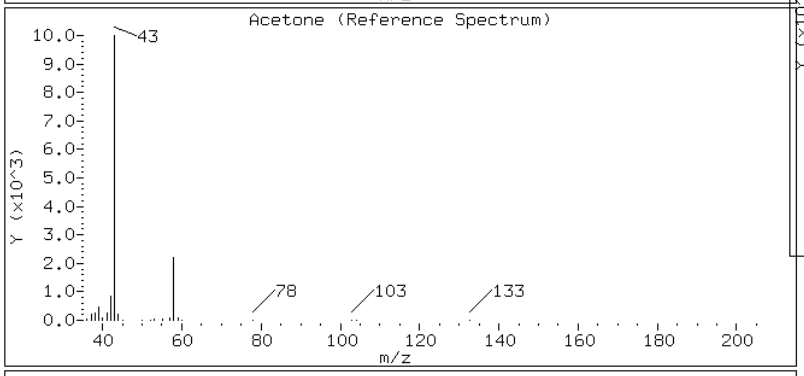
20 Acetone

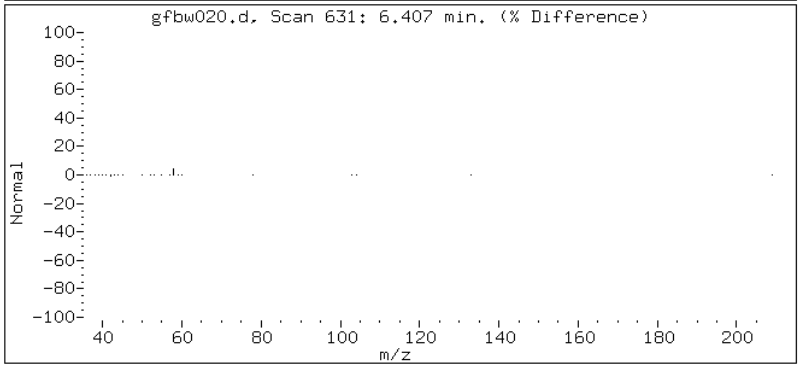












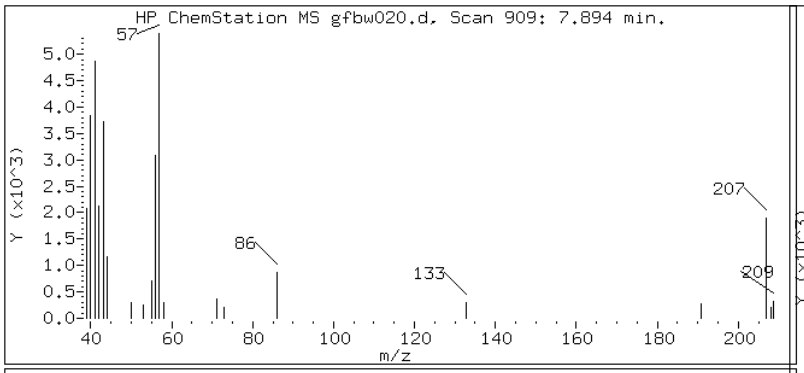
Data File: gfbw020.d

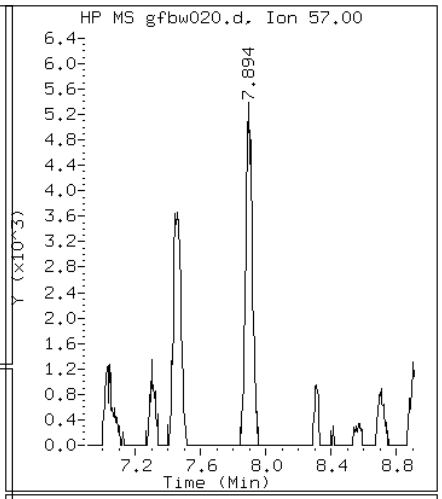
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

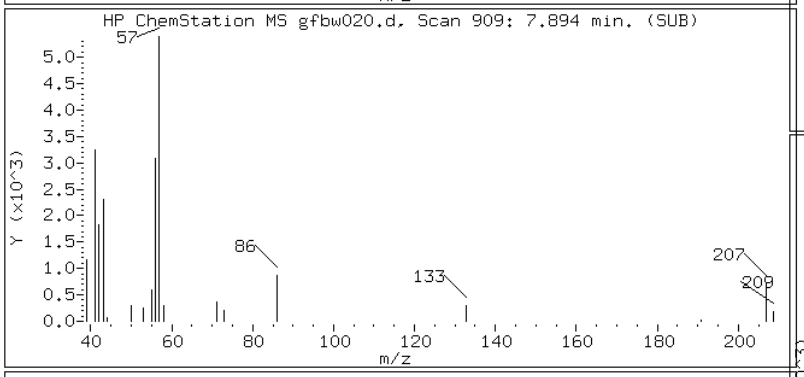
Client ID: CE-VAPOR-7 Instrument: G.i

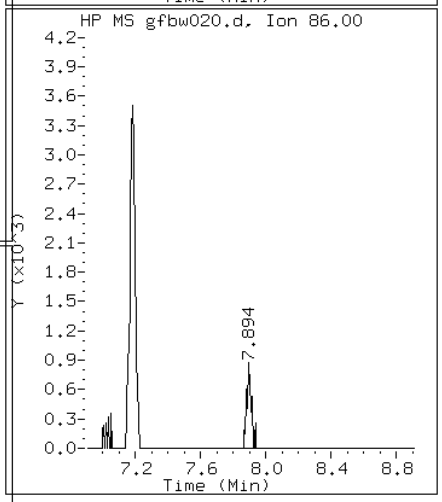
Sample Info: 220-13862-A-8 Operator: wrd

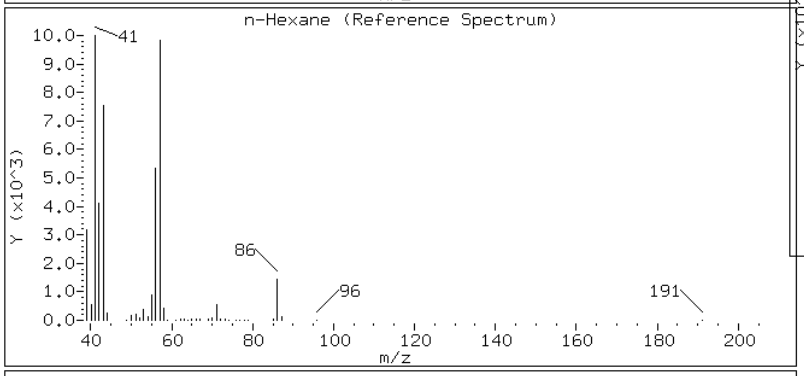
30 n-Hexane

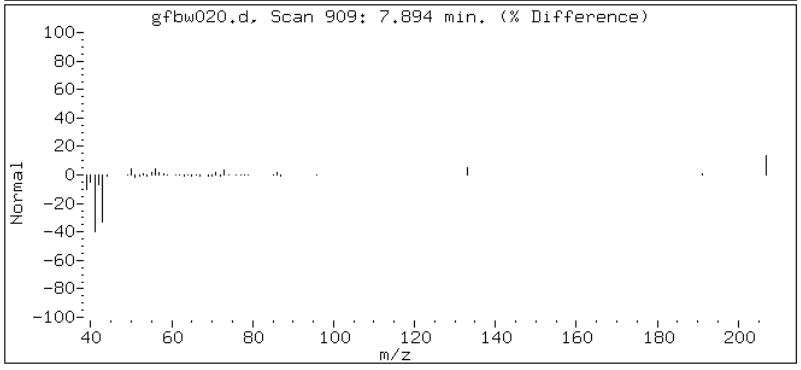












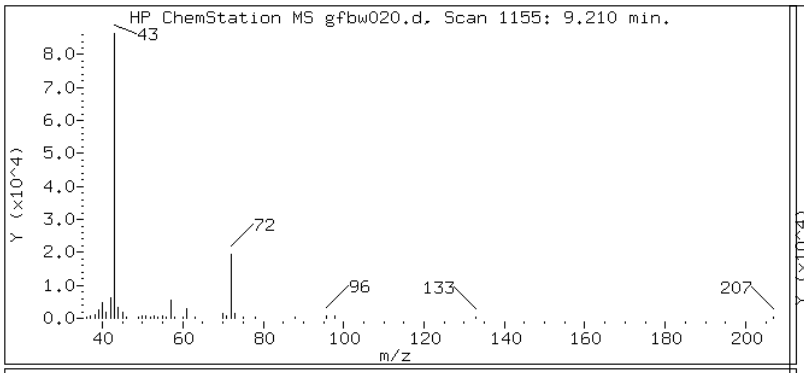
Data File: gfbw020.d

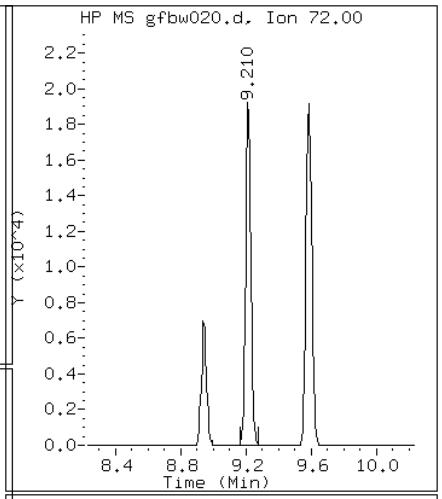
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

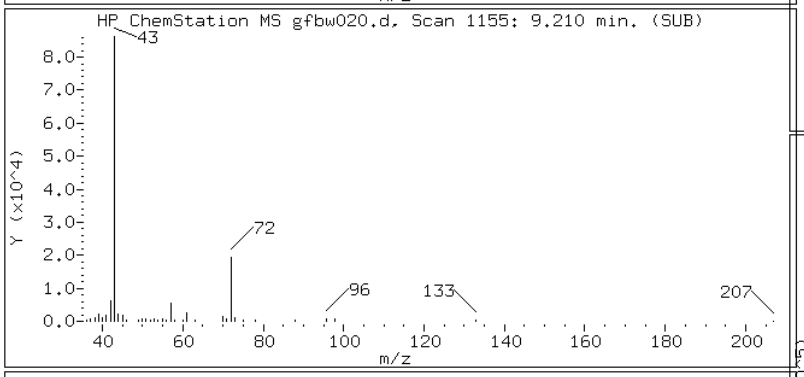
Client ID: CE-VAPOR-7 Instrument: G.i

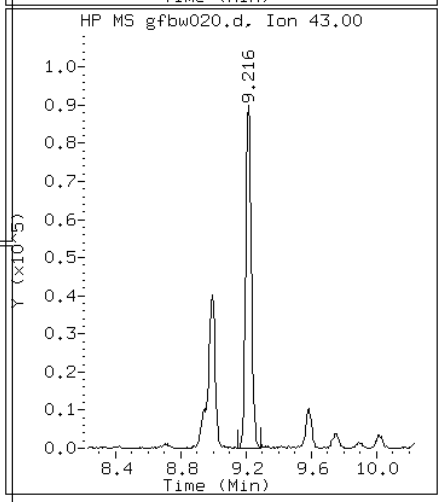
Sample Info: 220-13862-A-8 Operator: wrd

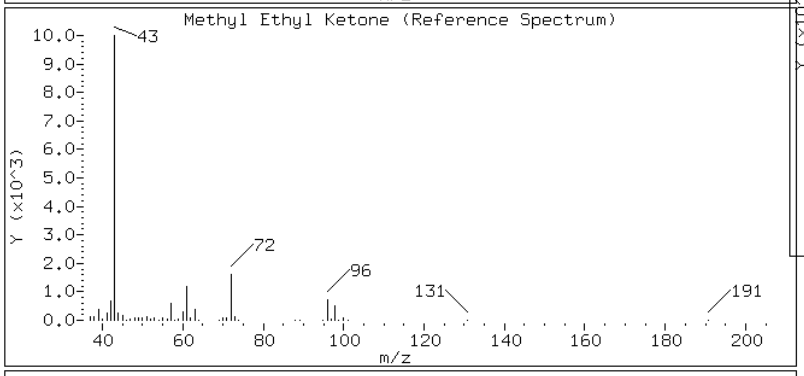
36 Methyl Ethyl Ketone

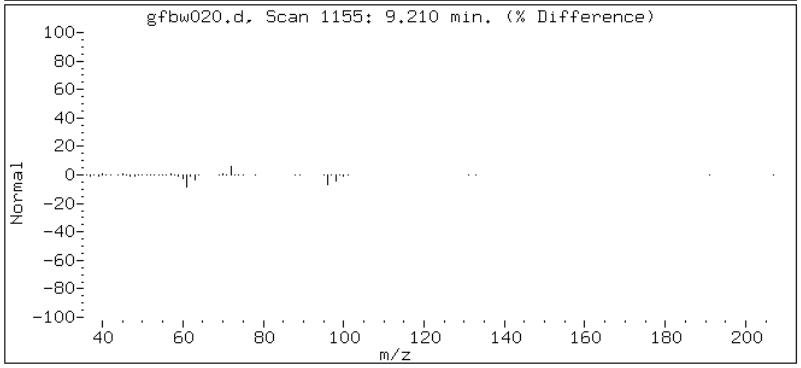












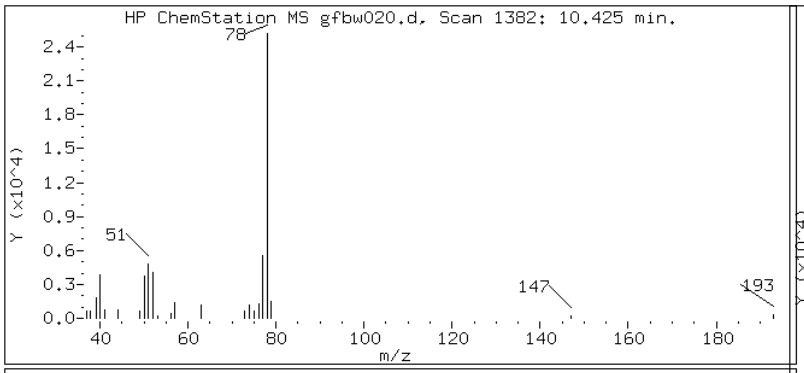
Data File: gfbw020.d

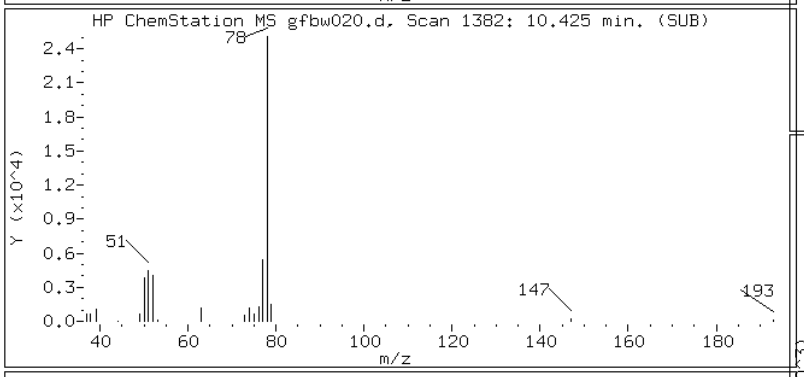
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

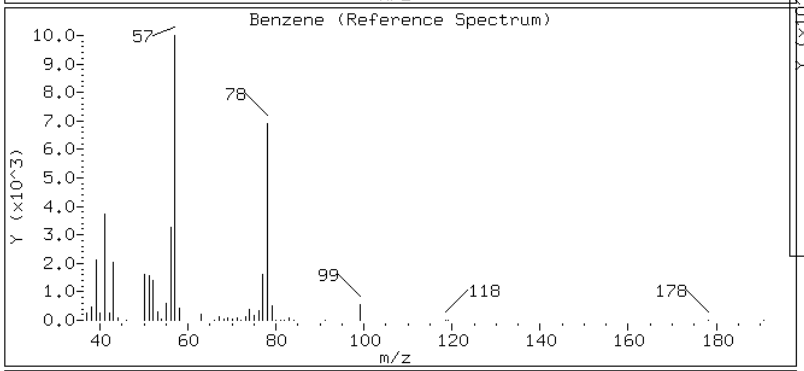
Client ID: CE-VAPOR-7 Instrument: G.i

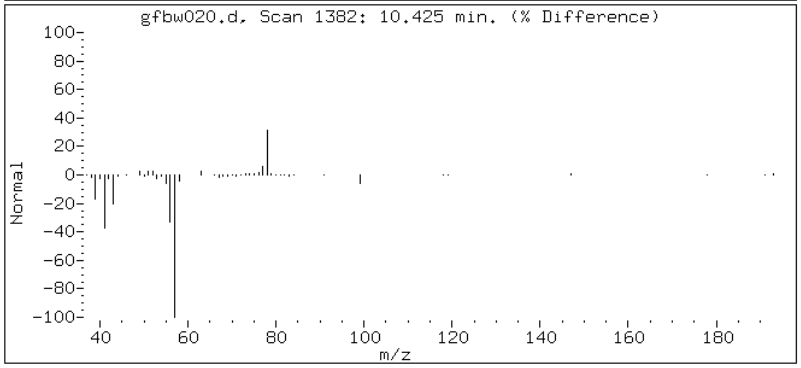
Sample Info: 220-13862-A-8 Operator: wrd

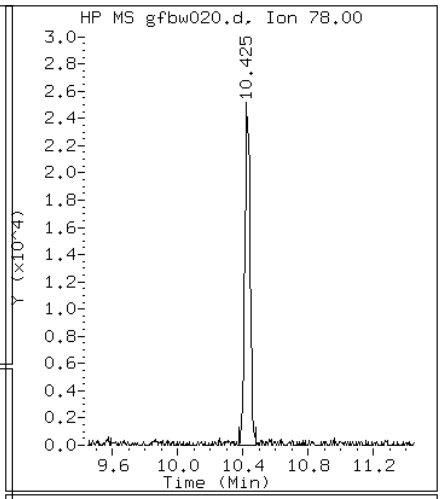
44 Benzene

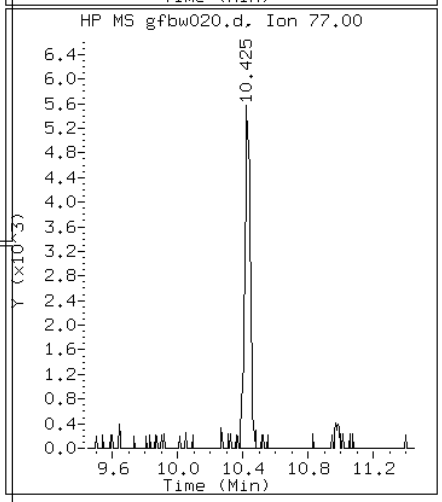












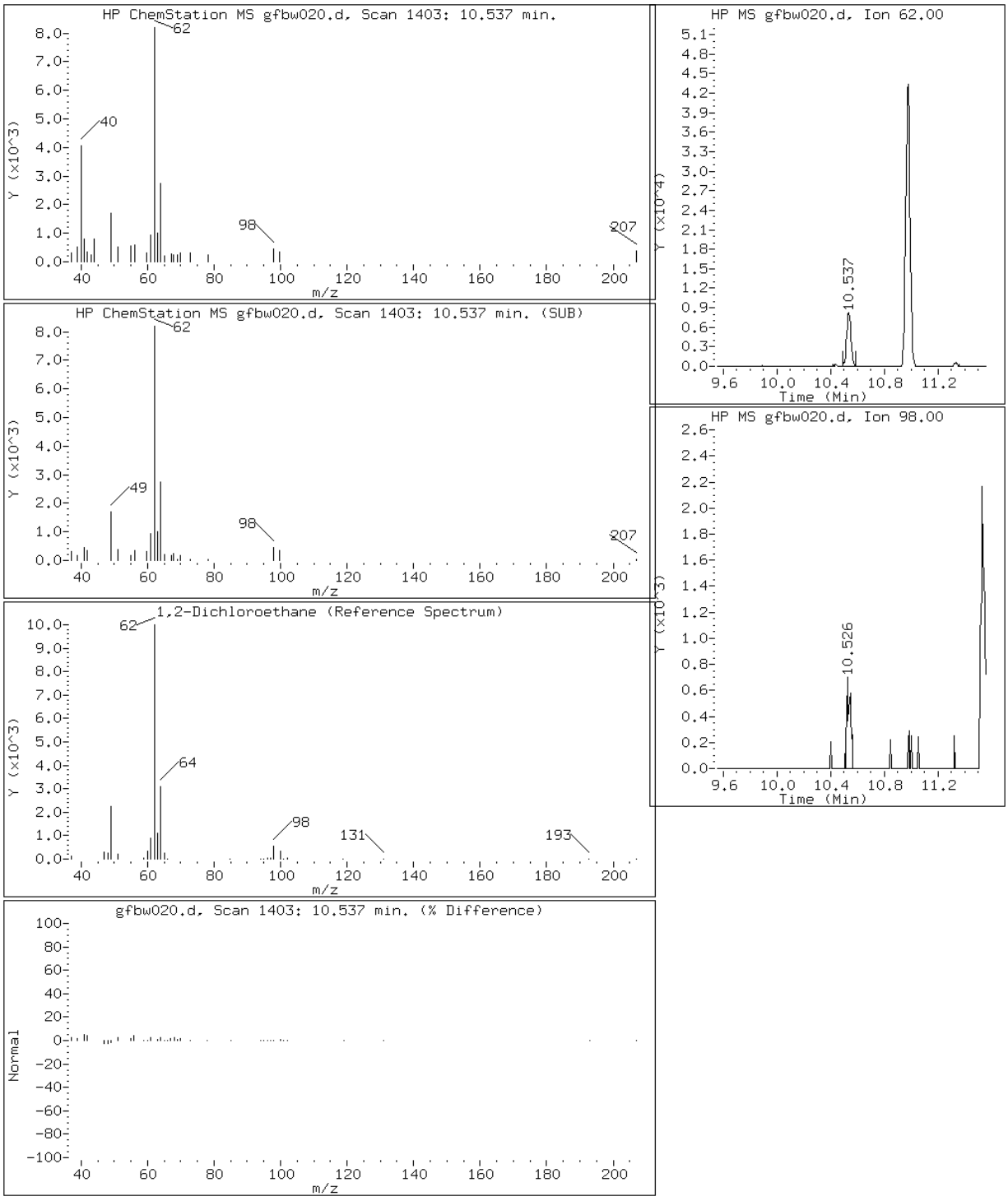
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

45 1,2-Dichloroethane



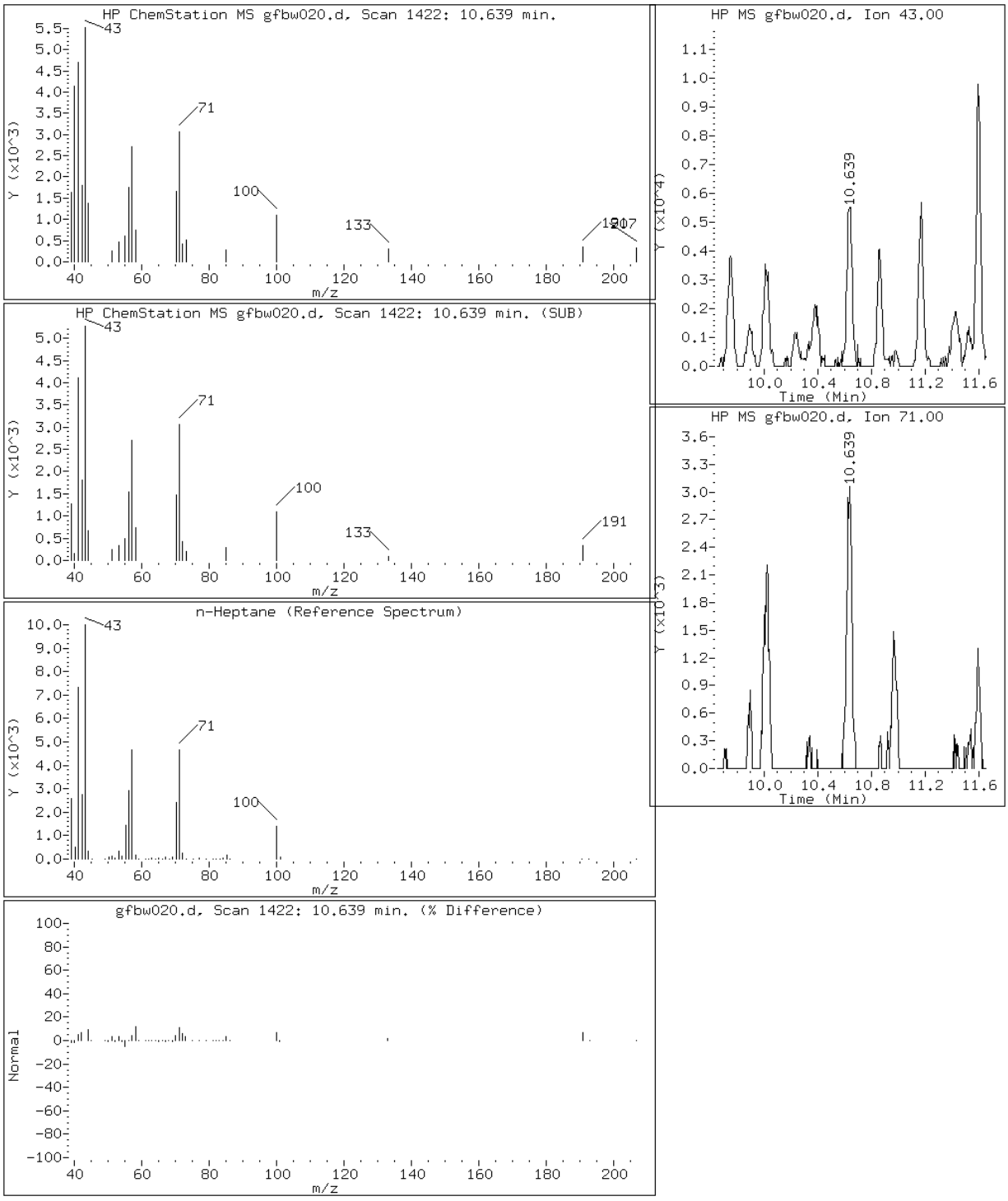
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

46 n-Heptane



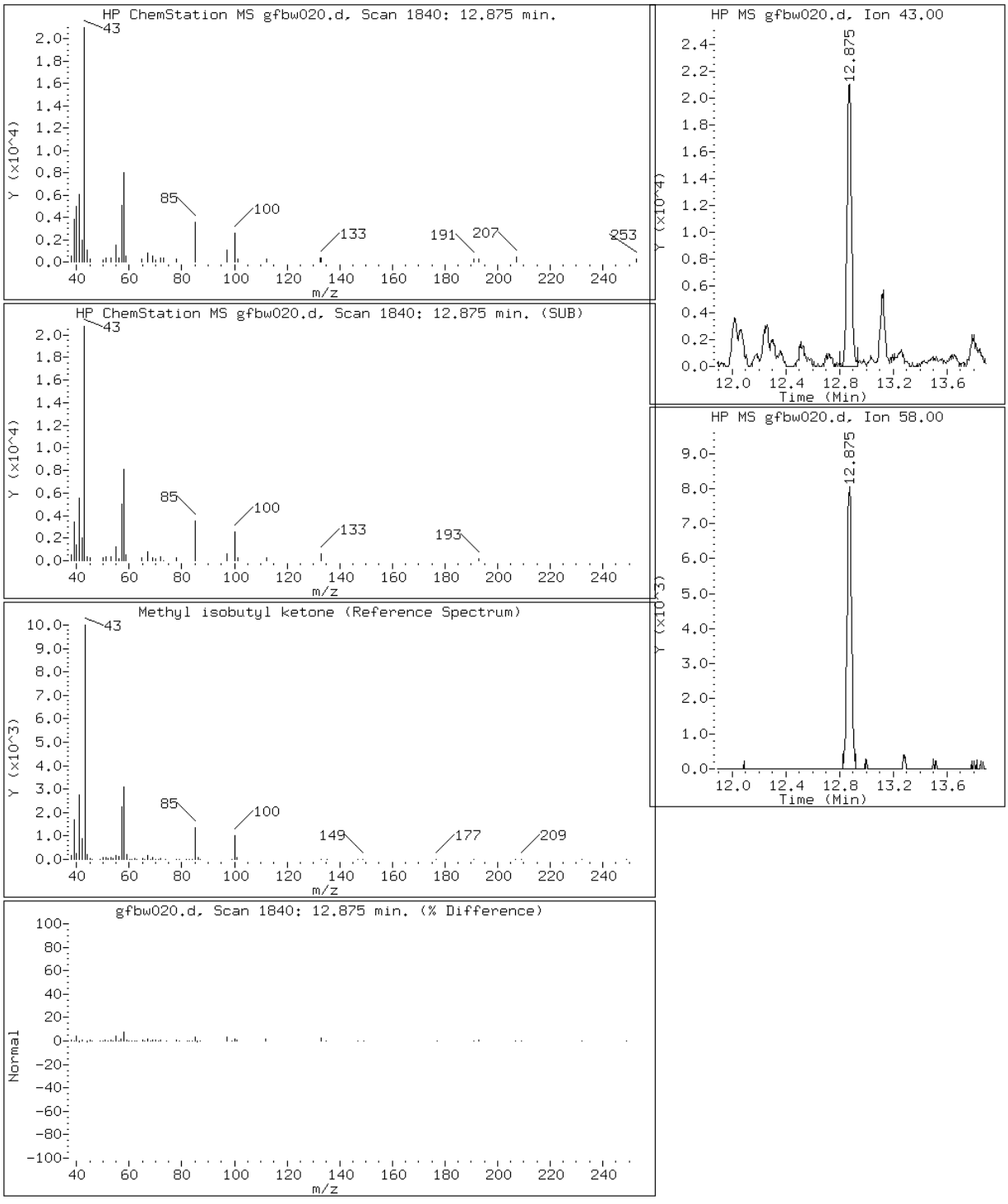
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

56 Methyl isobutyl ketone



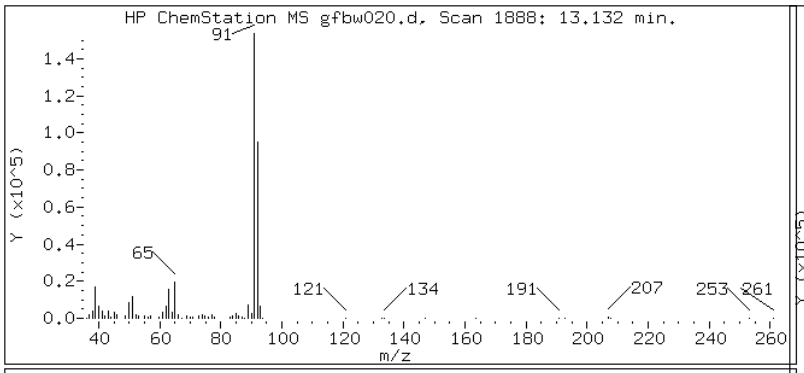
Data File: gfbw020.d

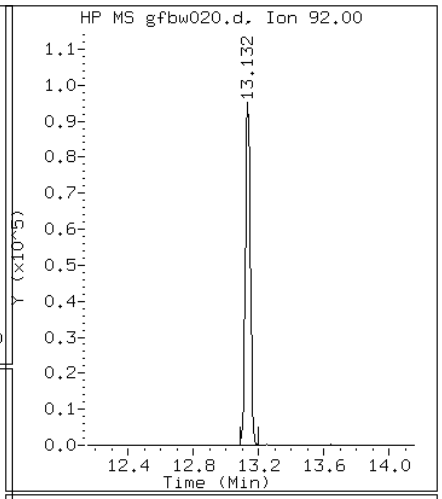
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

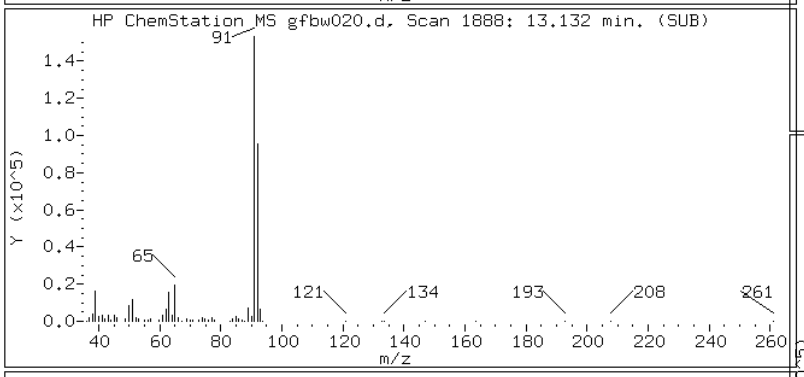
Client ID: CE-VAPOR-7 Instrument: G.i

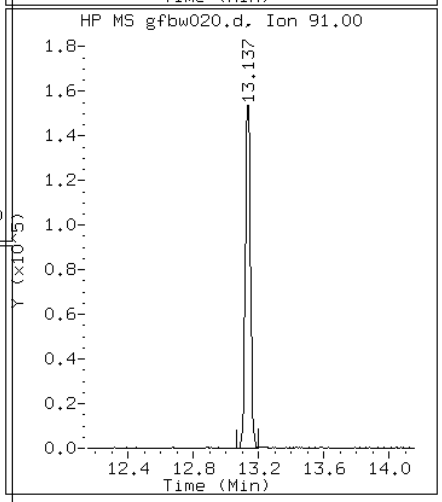
Sample Info: 220-13862-A-8 Operator: wrd

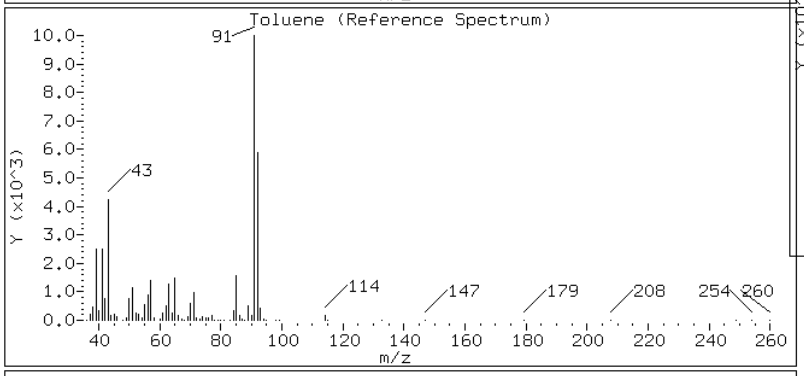
58 Toluene

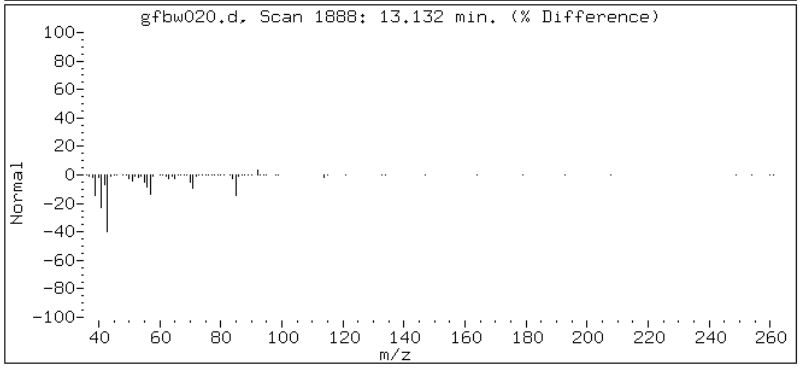












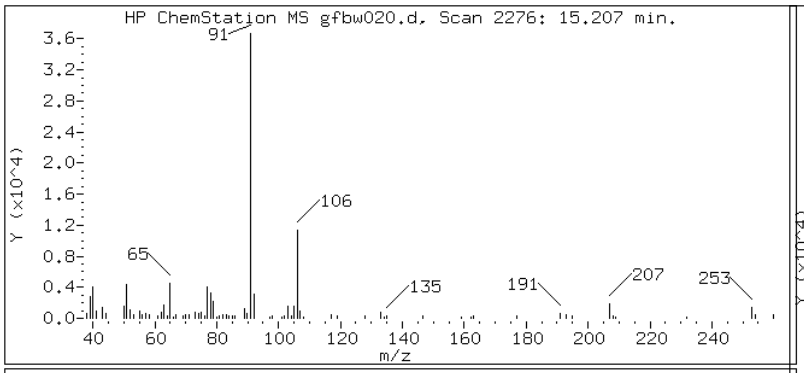
Data File: gfbw020.d

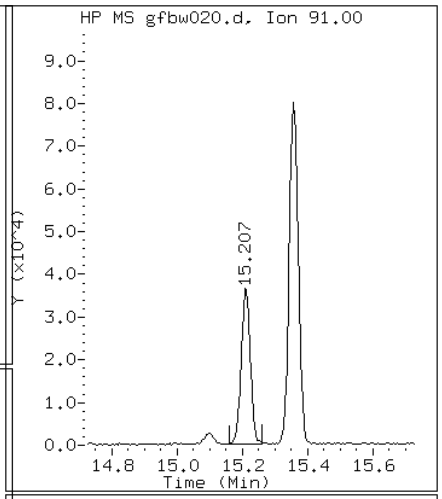
Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

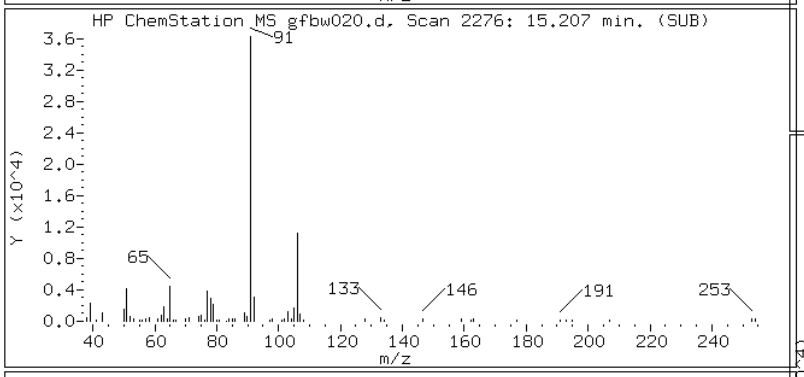
Client ID: CE-VAPOR-7 Instrument: G.i

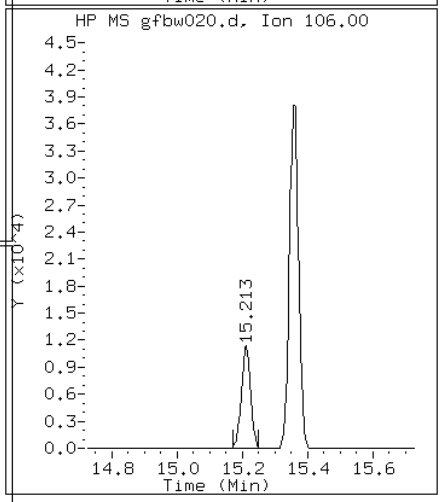
Sample Info: 220-13862-A-8 Operator: wrd

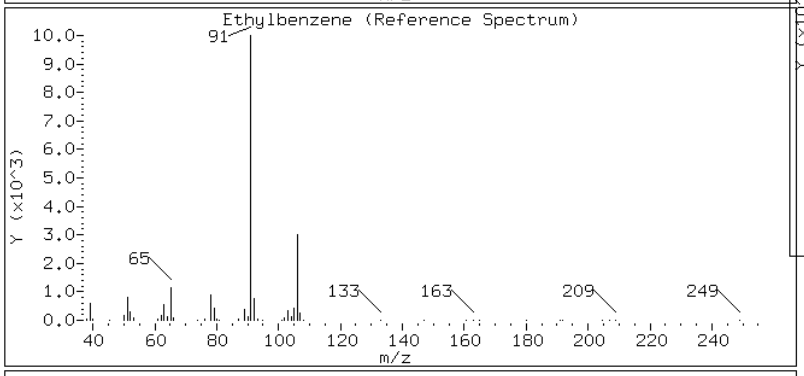
68 Ethylbenzene

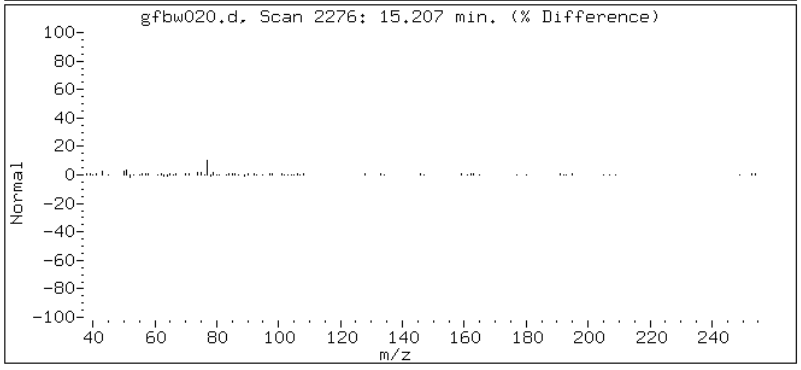












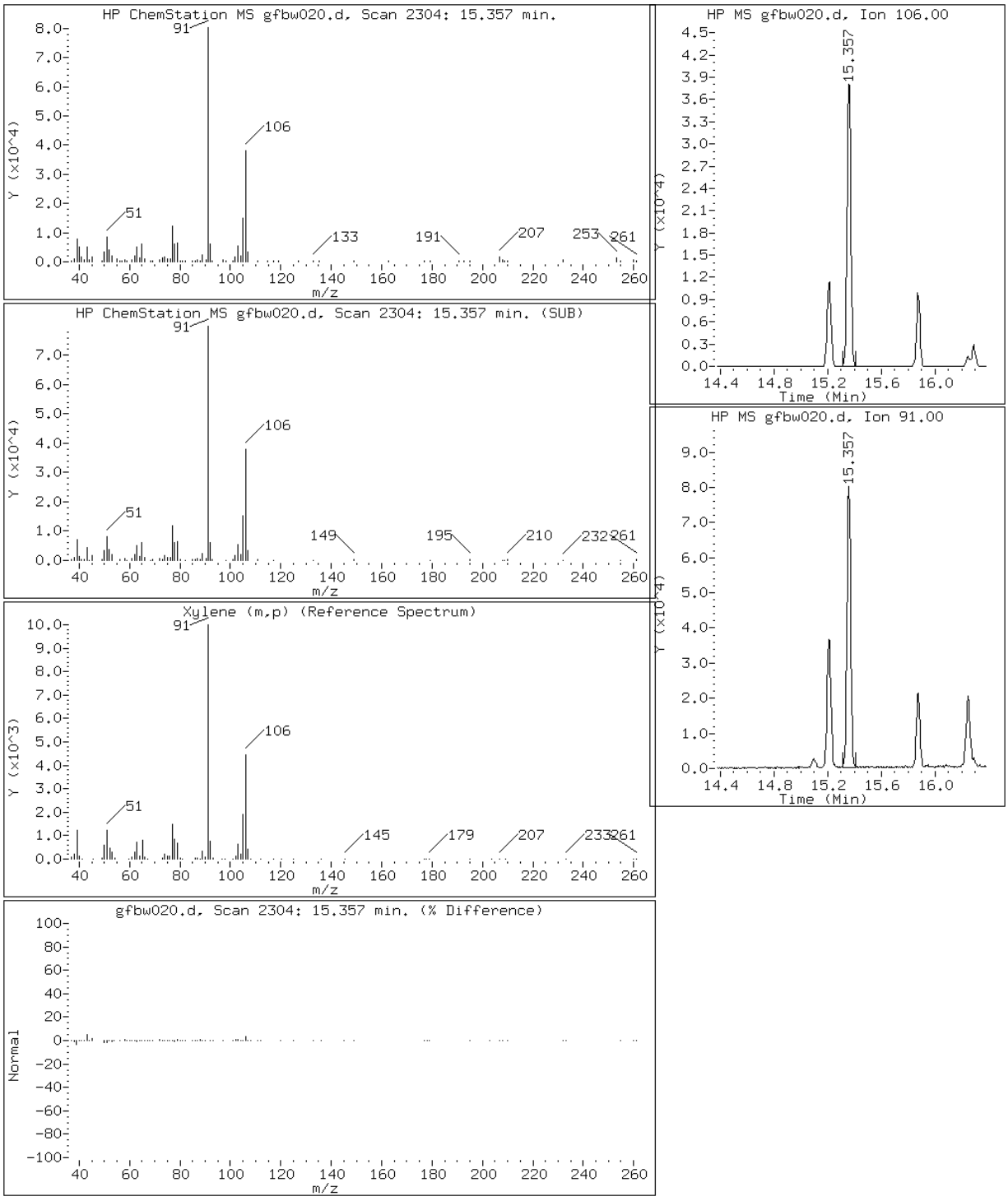
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

69 Xylene (m,p)



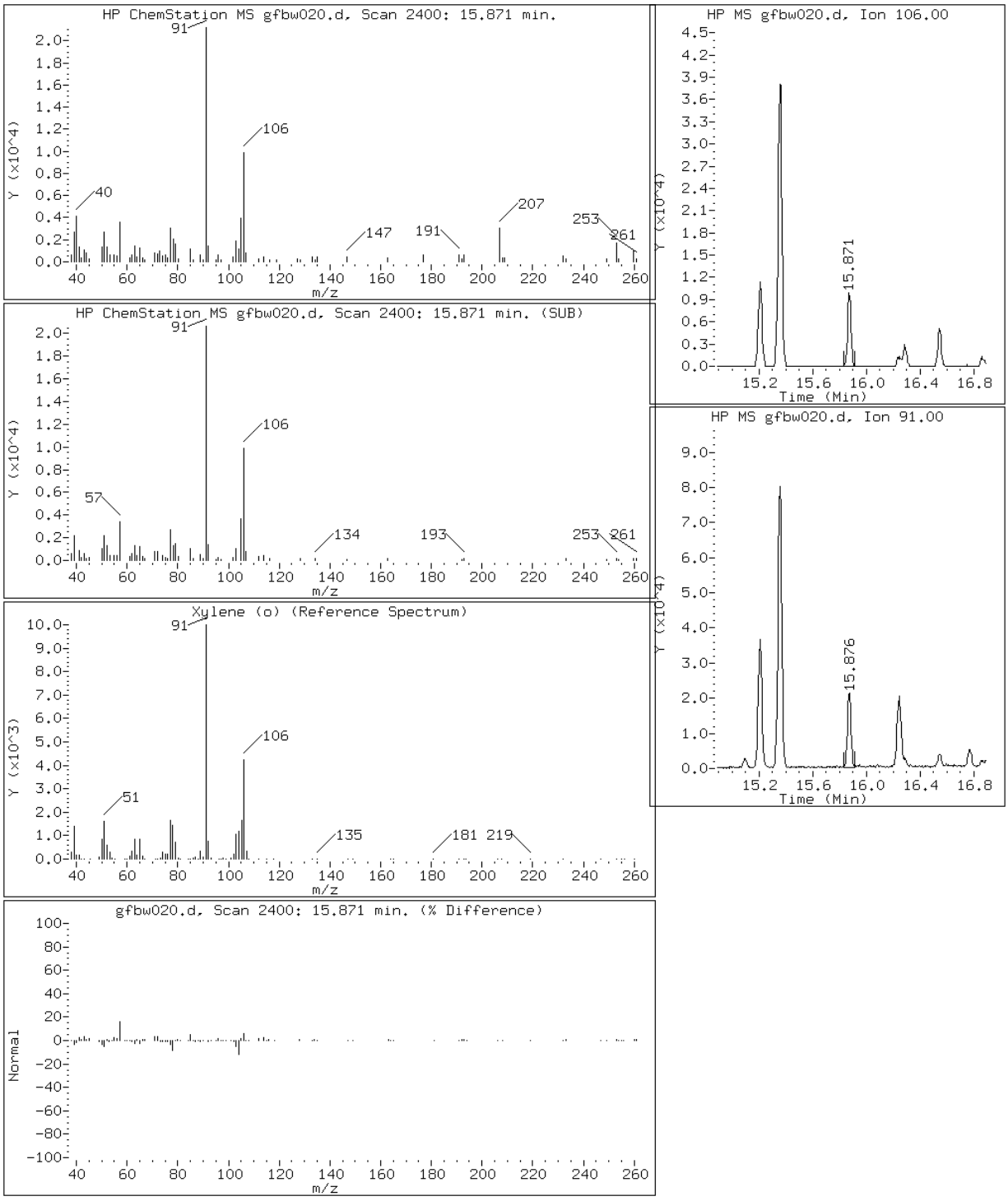
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

71 Xylene (o)



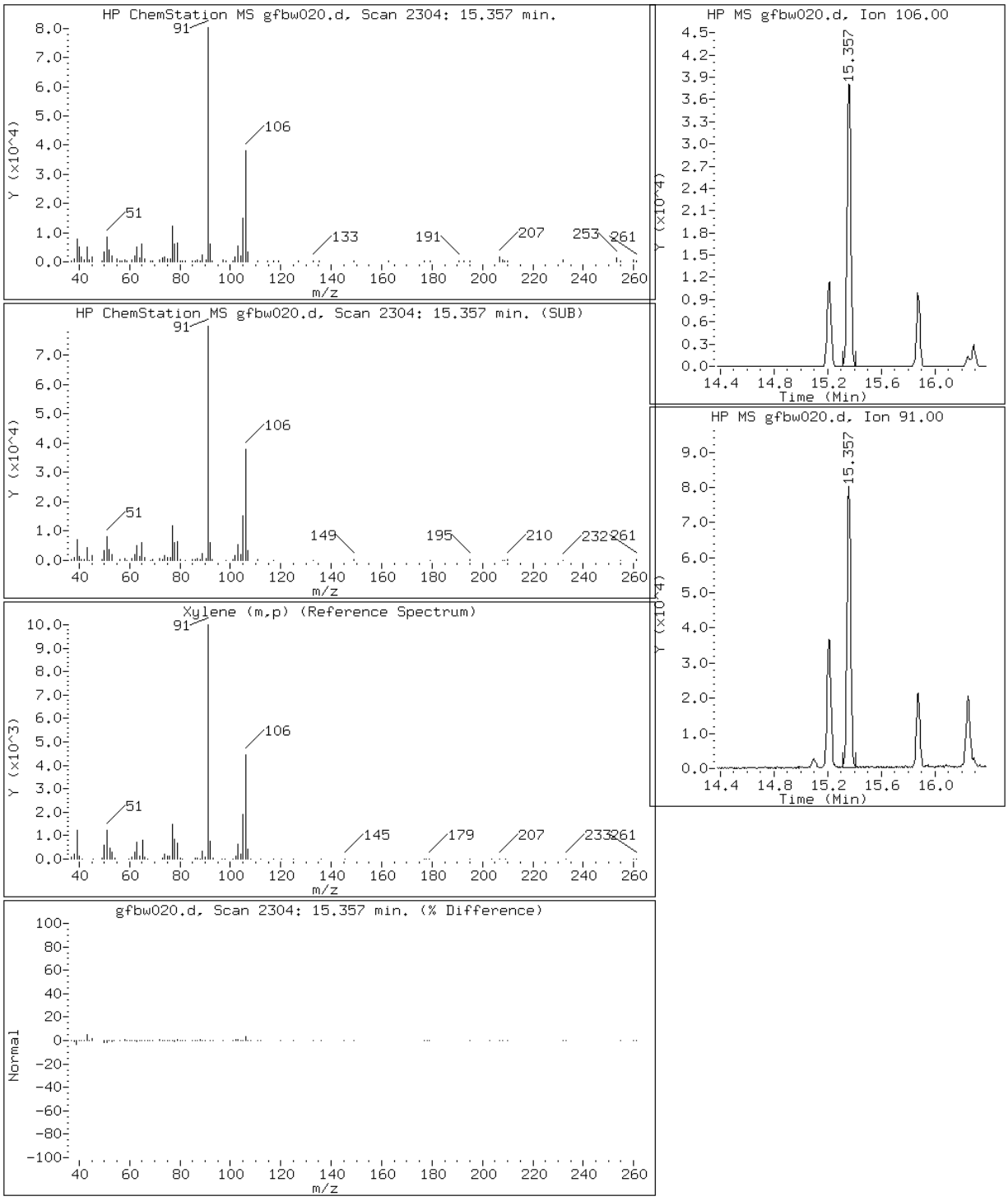
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

69 Xylene (m,p)



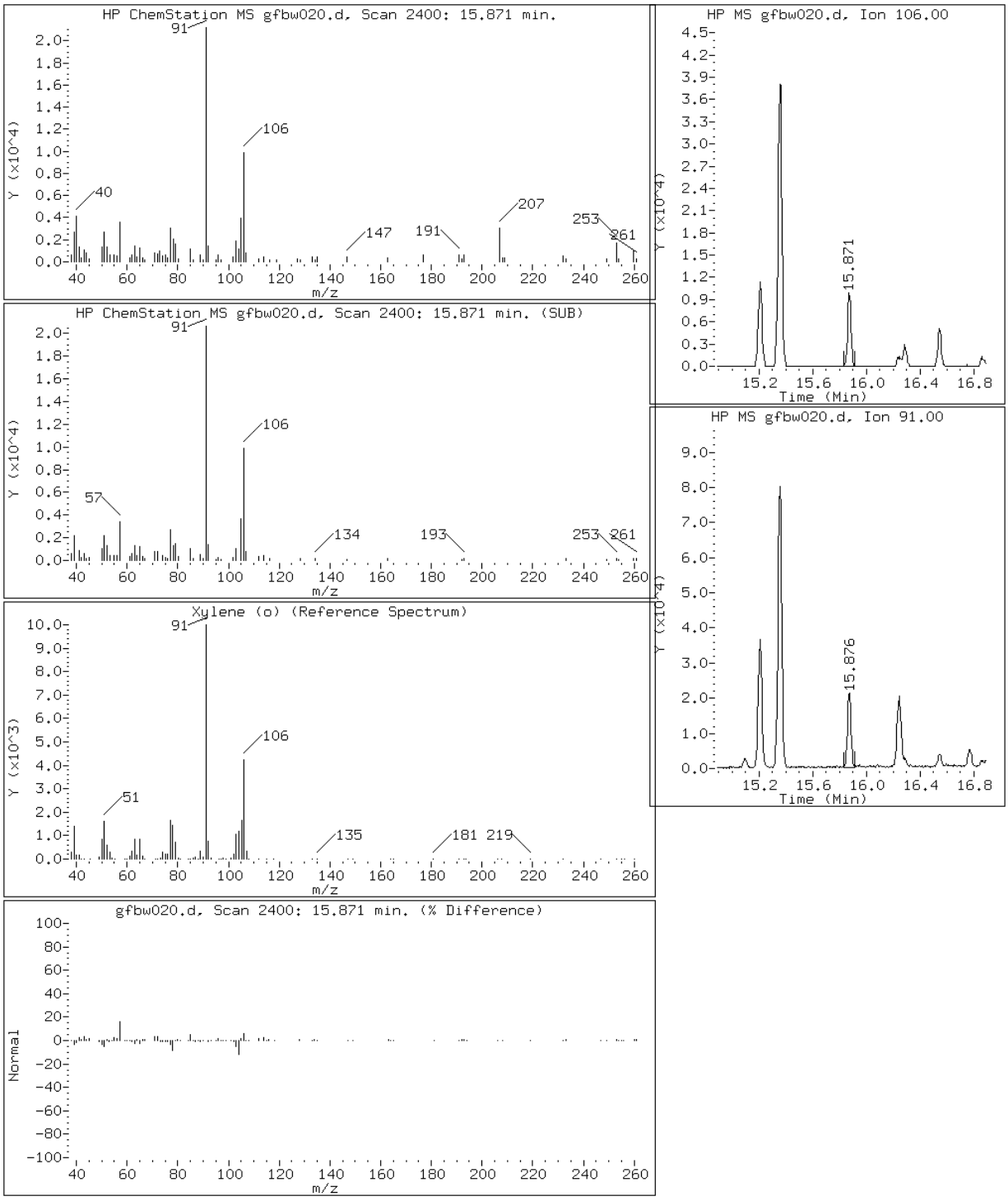
Data File: gfbw020.d

Lab Sample ID: 220-13862-8 Date: 06-NOV-2010 05:01

Client ID: CE-VAPOR-7 Instrument: G.i

Sample Info: 220-13862-A-8 Operator: wrd

71 Xylene (o)



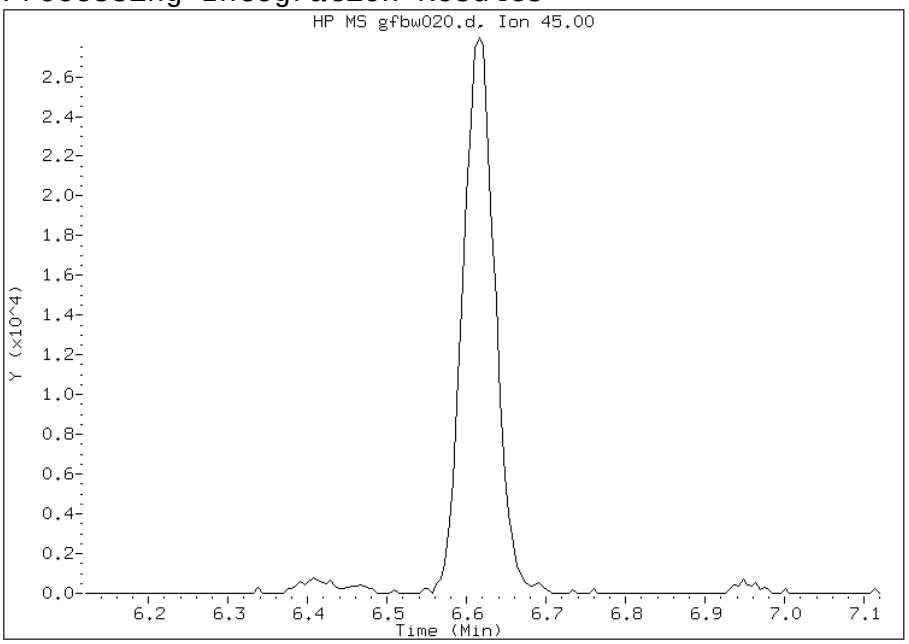
Manual Integration Report

Data File: gfbw020.d
Lab Sample ID: 220-13862-8
Inj. Date and Time: 06-NOV-2010 05:01
Instrument ID: G.i
Client ID: CE-VAPOR-7
Compound: 22 Isopropanol
CAS #: 67-63-0
Report Date: 11/06/2010

Processing Integration Results

Not Detected

Expected RT: 6.62



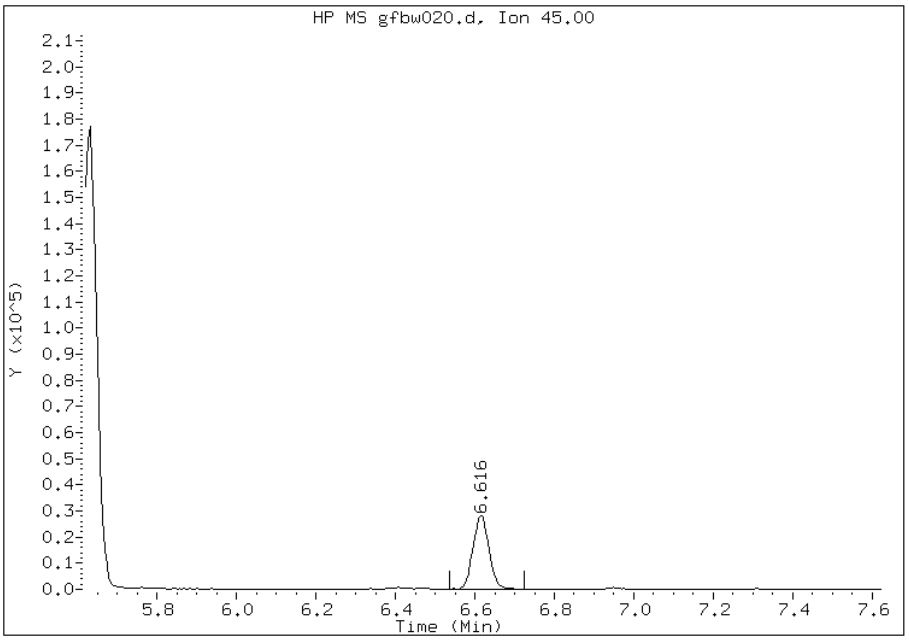
Manual Integration Results

RT: 6.62

Response: 79194

Amount: 1.93

Conc: 1.93



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.54		0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	8.0		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.25		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.79		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.48		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.23		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.21		0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	2.3		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.27		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.37		0.20	0.014
179601-23-1	m,p-Xylene	106.17	1.0		0.50	0.023
95-47-6	Xylene, o-	106.17	0.23		0.20	0.050
1330-20-7	Xylene (total)	106.17	1.2		0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.1		1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	19		12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.88		0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	2.3		1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	2.3		0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.74		0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.87		0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: CE-VAPOR-8 Lab Sample ID: 220-13862-9

Matrix: Air Lab File ID: gfbw021.d

Analysis Method: TO-15 Date Collected: 10/29/2010 14:01

Sample wt/vol: 200(mL) Date Analyzed: 11/06/2010 05:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	8.8		0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.8		1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	1.6		0.87	0.061
179601-23-1	m,p-Xylene	106.17	4.3		2.2	0.10
95-47-6	Xylene, o-	106.17	0.99		0.87	0.22
1330-20-7	Xylene (total)	106.17	5.3		0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 220-13862-9
Client Smp ID: CE-VAPOR-8
Inj Date : 06-NOV-2010 05:50
Operator : wrd Inst ID: G.i
Smp Info : 220-13862-A-9
Misc Info : 200,1,to15all
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 22:31 sv Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.330)	75318	0.49903	0.50
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.513	3.513	(0.367)	14742	0.54036	0.54
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.796	3.796	(0.397)	1579	0.06970	0.070(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	4.690	4.700	(0.490)	2485	0.13564	0.14(a)
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.171	5.187	(0.540)	40232	0.25348	0.25
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	8423	0.08643	0.086(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
20 Acetone	43	6.407	6.423	(0.669)	467220	8.00755	8.0
21 Carbon disulfide	76	Compound Not Detected.					
22 Isopropanol	45	Compound Not Detected.					

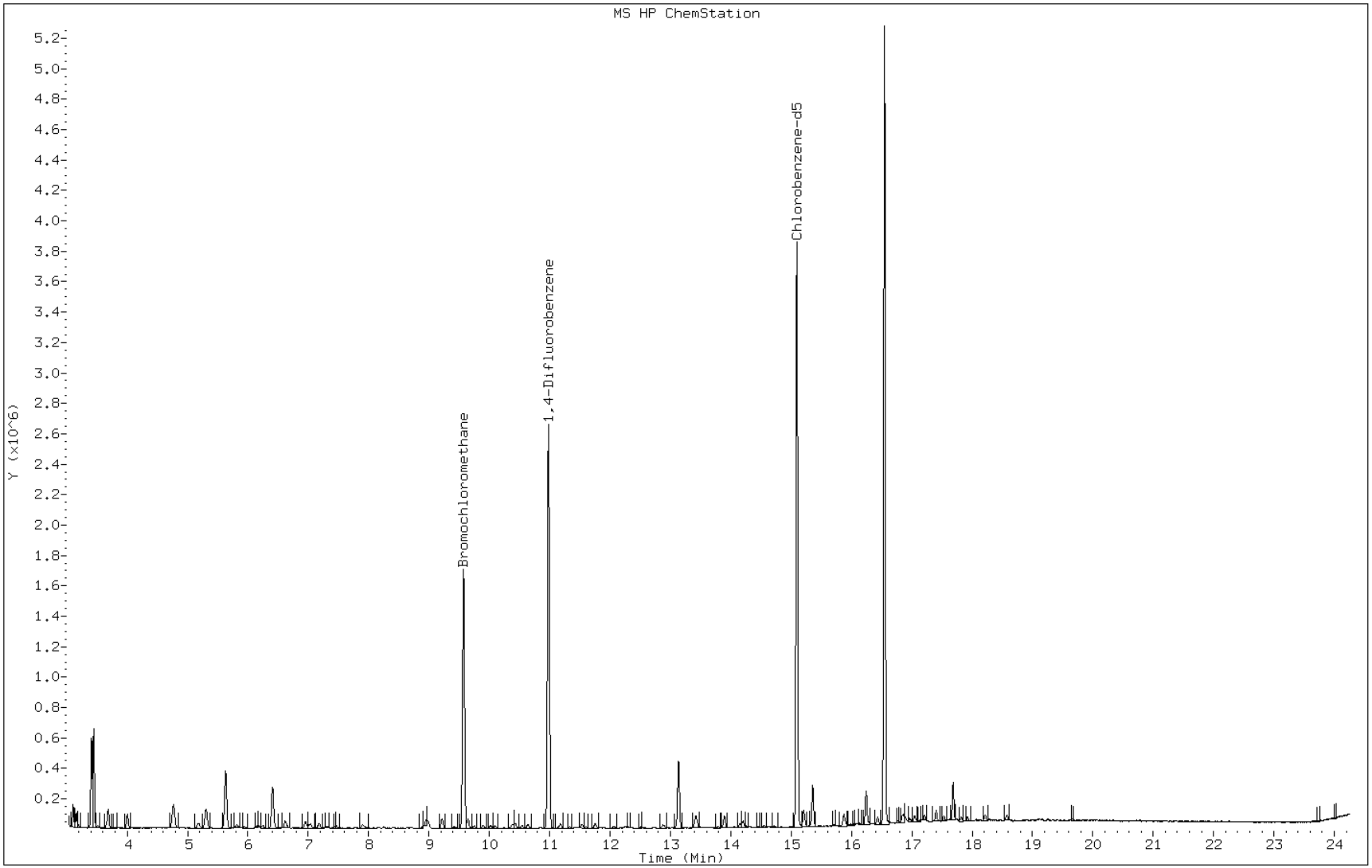
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.183	7.199	(0.750)	15089	0.32359	0.32(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	7.899	7.910	(0.825)	14193	0.24883	0.25
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.963)	13751	0.79424	0.79(Q)
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	539437	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	9.649	9.665	(1.008)	53283	0.48047	0.48
	40 Cyclohexane	84	9.900	9.916	(0.902)	5506	0.09692	0.097(aQ)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.104	10.114	(0.920)	13029	0.08780	0.088(a)
	43 2,2,4-Trimethylpentane	57	10.382	10.398	(0.945)	28342	0.15221	0.15(a)
	44 Benzene	78	10.425	10.451	(0.949)	32260	0.23202	0.23
	45 1,2-Dichloroethane	62	10.537	10.558	(0.960)	15218	0.18982	0.19(a)
	46 n-Heptane	43	10.633	10.655	(0.968)	14325	0.21236	0.21
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2640268	10.0000	
	49 Trichloroethene	95	11.334	11.355	(1.032)	4326	0.05919	0.059(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	12.875	12.891	(1.172)	12793	0.15864	0.16(a)
	58 Toluene	92	13.131	13.153	(0.870)	233482	2.34112	2.3
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	13.896	13.913	(0.921)	29400	0.26589	0.27
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.095	15.116	(1.000)	2528361	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	15.213	15.229	(1.008)	83038	0.36802	0.37
	69 Xylene (m,p)	106	15.357	15.378	(1.017)	85382	0.99652	1.00
M	70 Xylenes, Total	106				104919	1.22404	1.2
	71 Xylene (o)	106	15.871	15.892	(1.051)	19537	0.22752	0.23
	72 Styrene	104	15.897	15.919	(1.053)	14516	0.11407	0.11(aM)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	11916	0.04581	0.046(aQ)
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	12500	0.05604	0.056(a)
	84 1,2,4-Trimethylbenzene	105	17.406	17.422	(1.153)	38465	0.17423	0.17(a)
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gfbw021.d	Date:	06-NOV-2010 05:50
Client ID:	CE-VAPOR-8	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	220-13862-A-9		
Lab Sample ID:	220-13862-9		



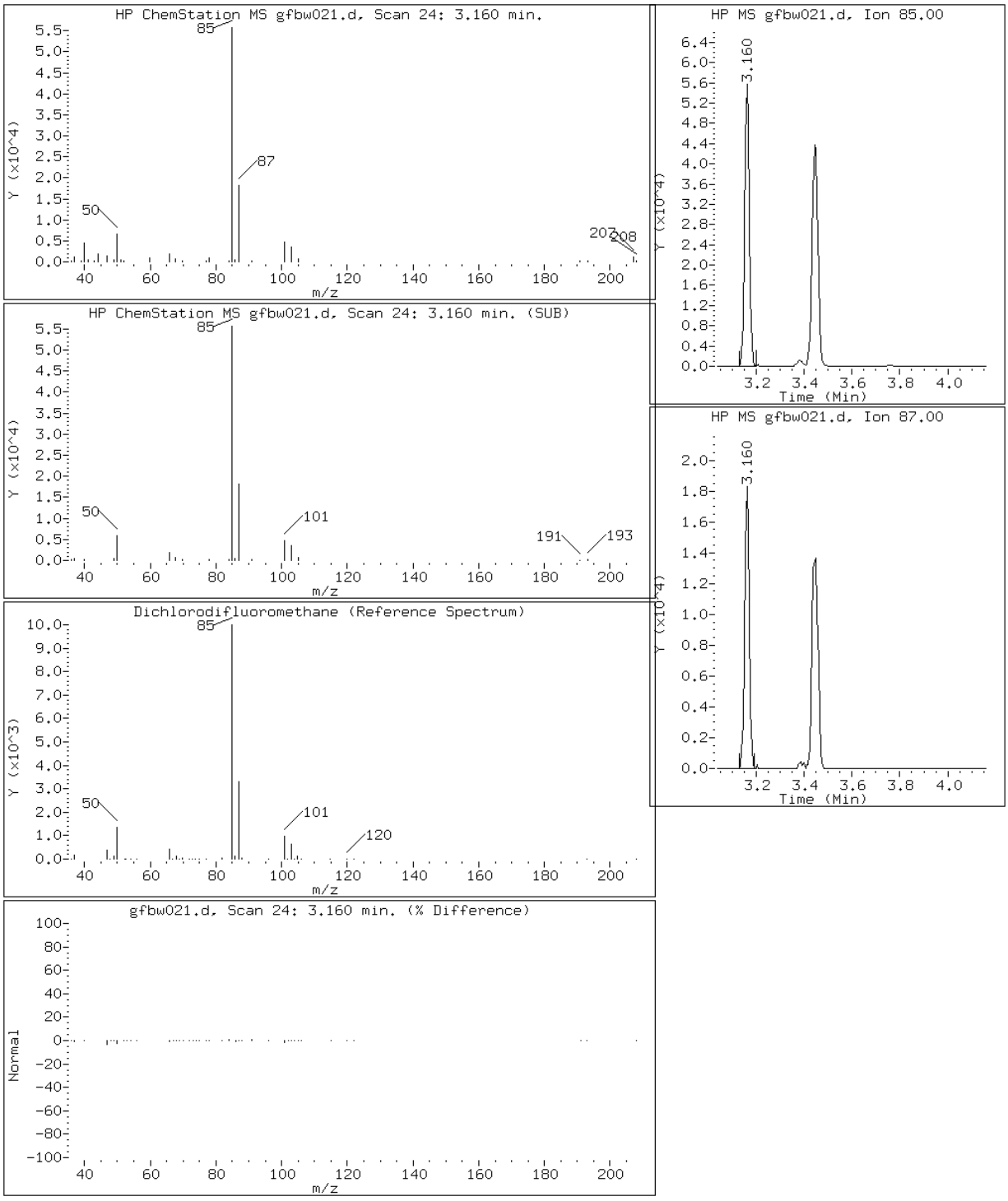
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

2 Dichlorodifluoromethane



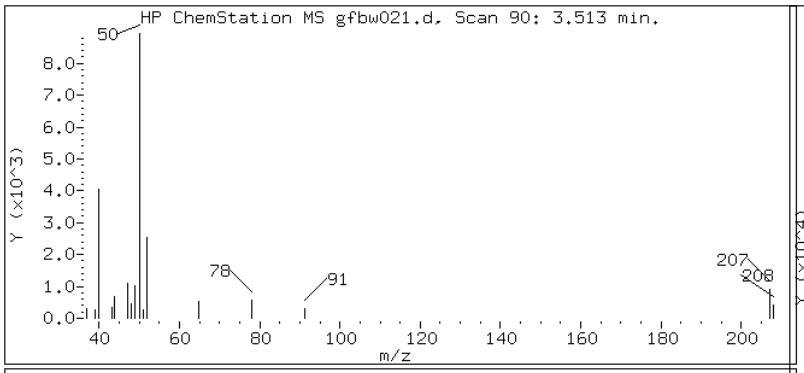
Data File: gfbw021.d

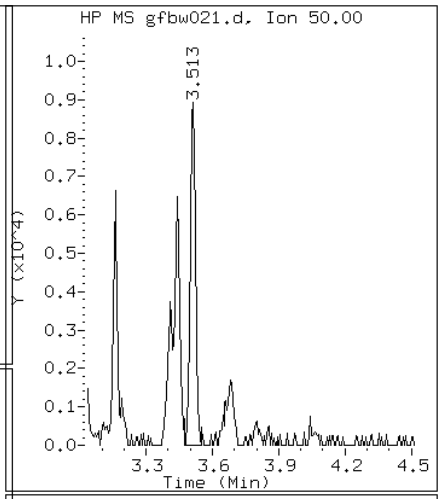
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

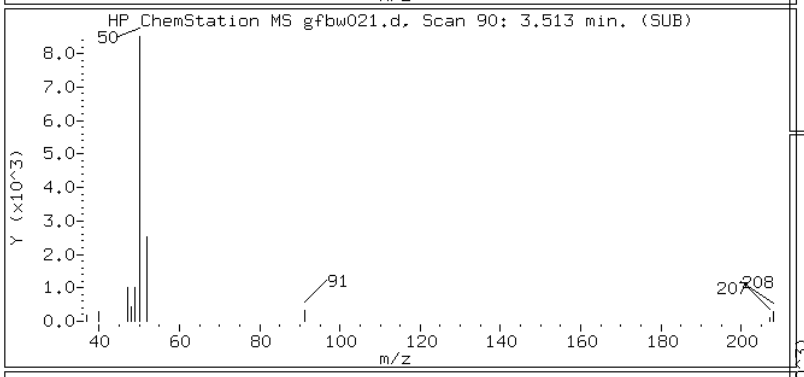
Client ID: CE-VAPOR-8 Instrument: G.i

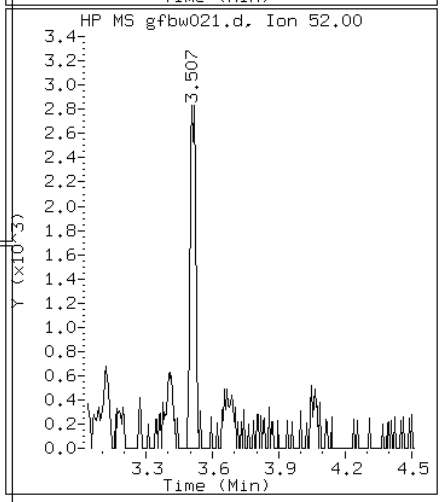
Sample Info: 220-13862-A-9 Operator: wrd

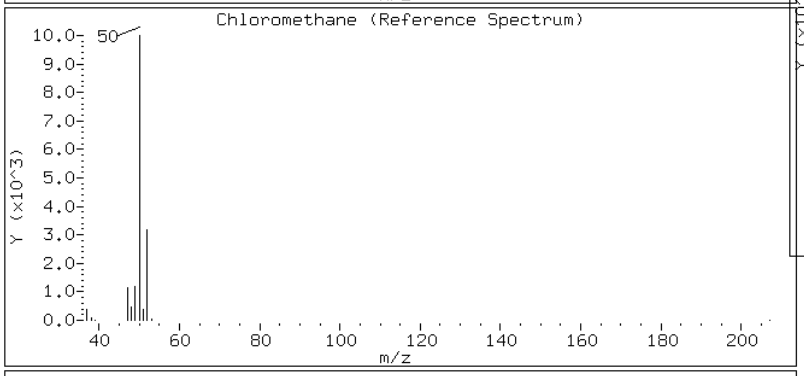
5 Chloromethane

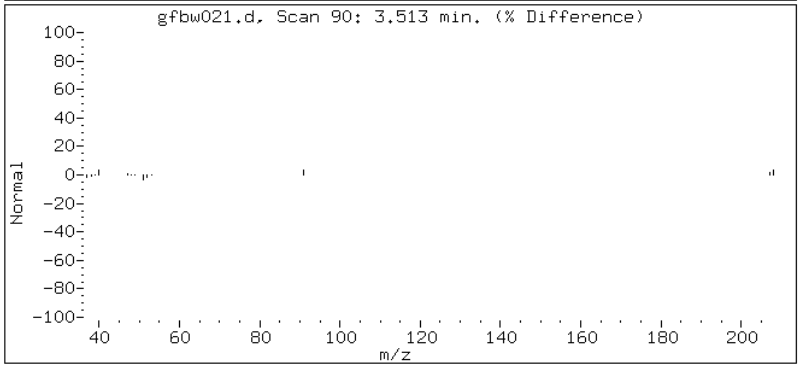












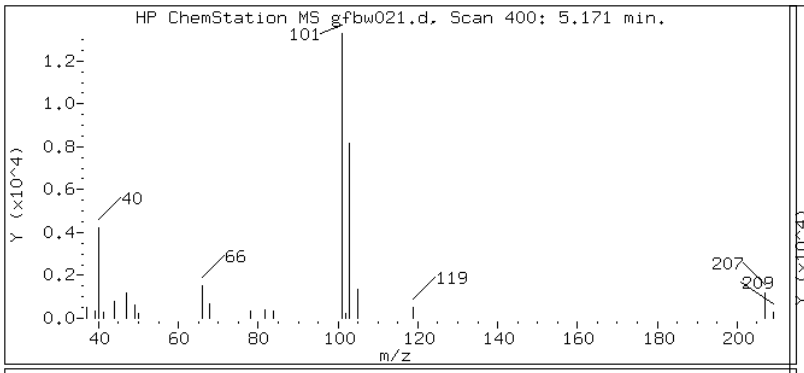
Data File: gfbw021.d

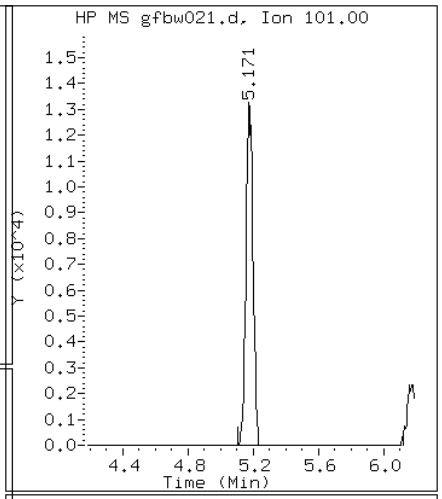
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

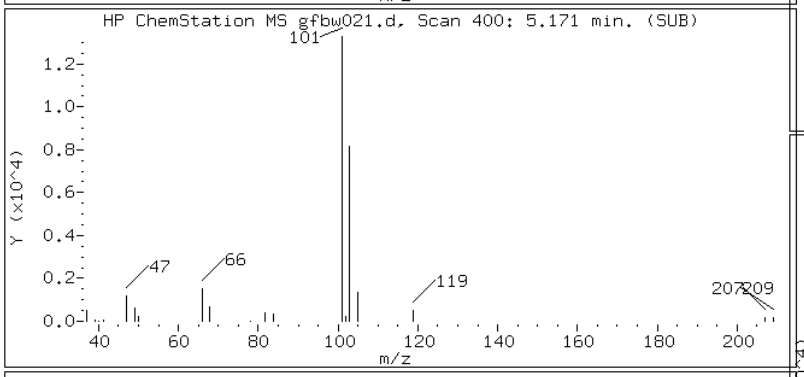
Client ID: CE-VAPOR-8 Instrument: G.i

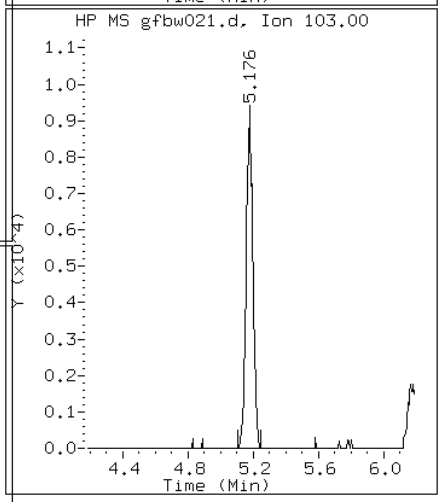
Sample Info: 220-13862-A-9 Operator: wrd

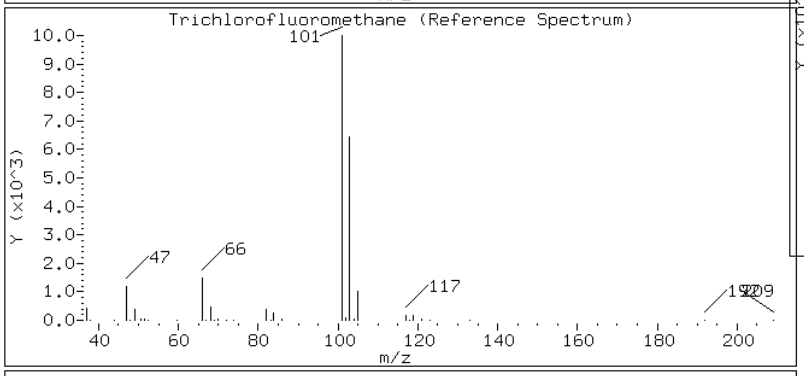
13 Trichlorofluoromethane

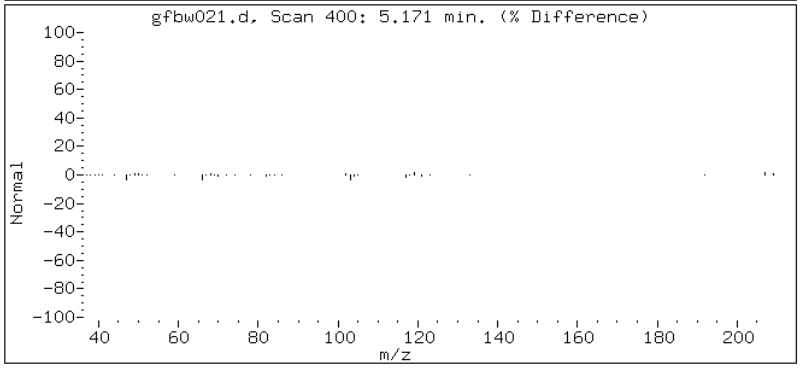












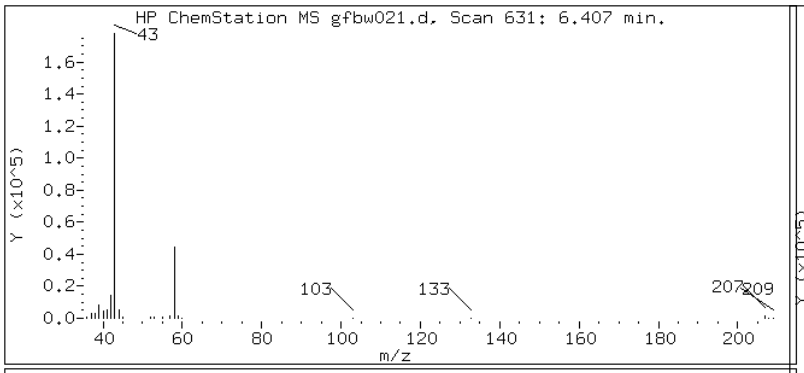
Data File: gfbw021.d

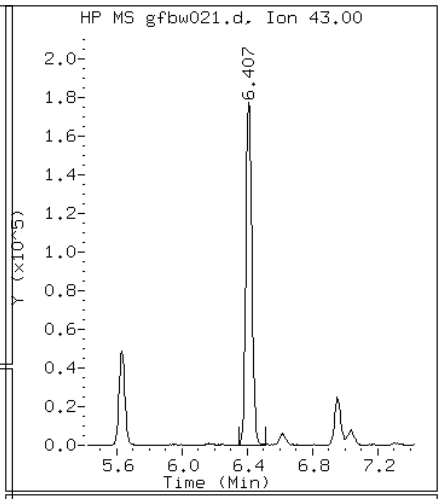
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

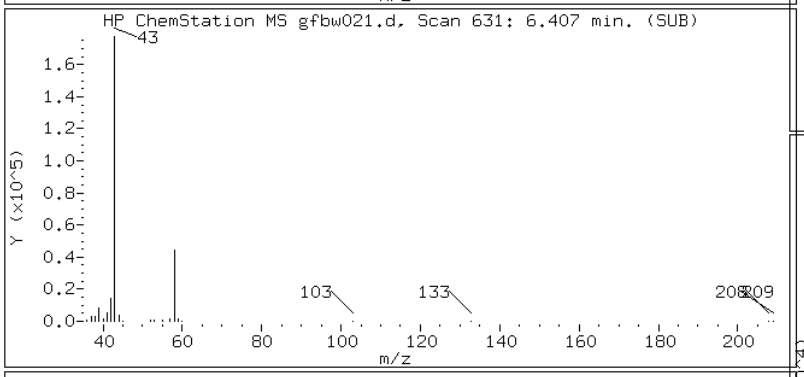
Client ID: CE-VAPOR-8 Instrument: G.i

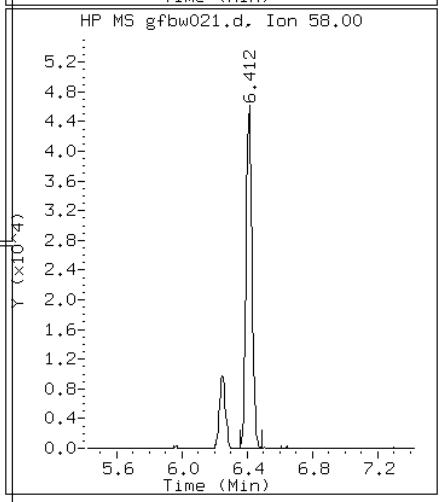
Sample Info: 220-13862-A-9 Operator: wrd

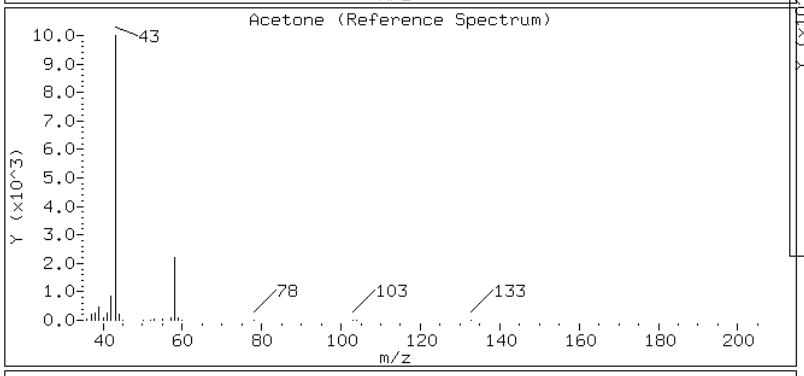
20 Acetone

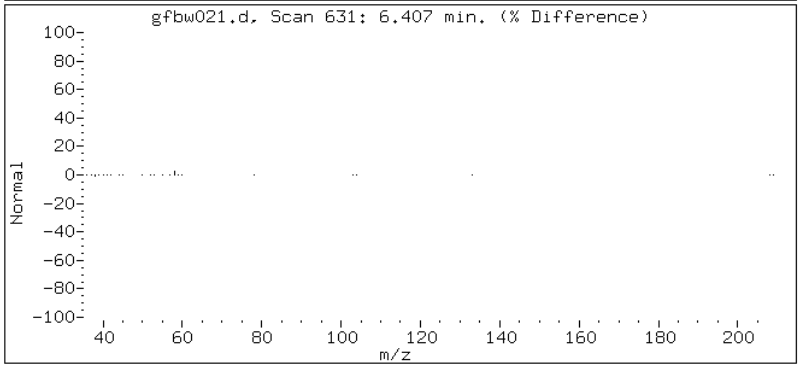












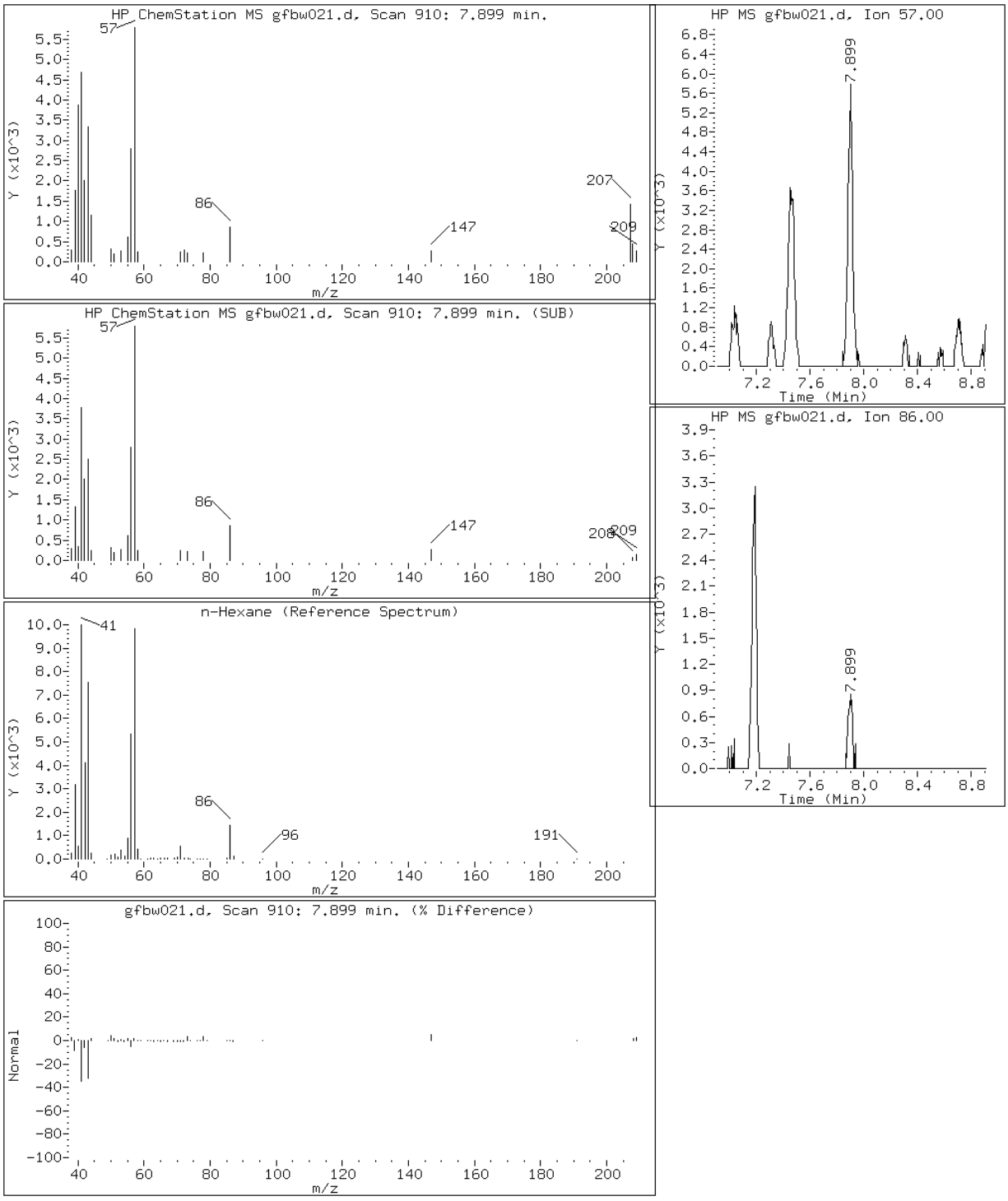
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

30 n-Hexane



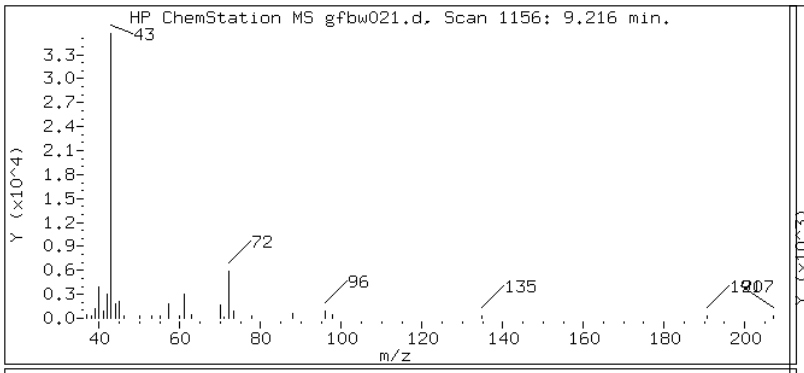
Data File: gfbw021.d

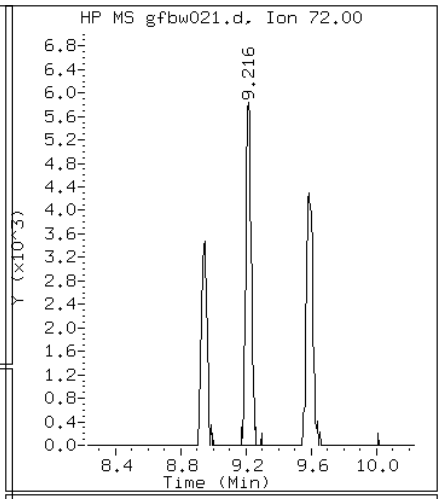
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

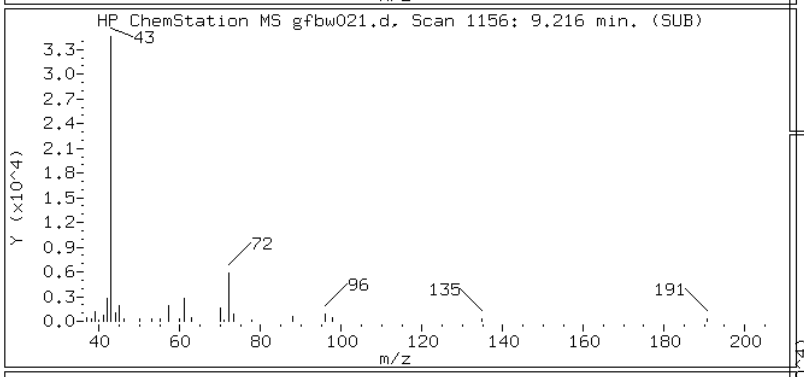
Client ID: CE-VAPOR-8 Instrument: G.i

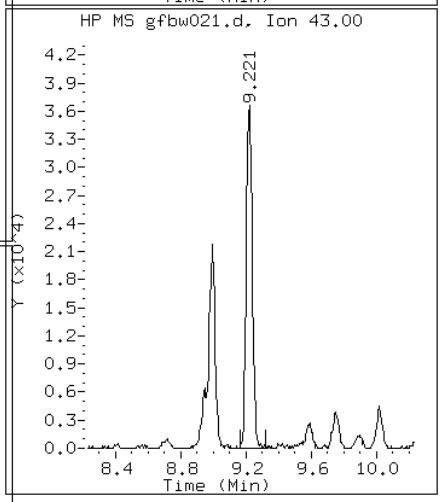
Sample Info: 220-13862-A-9 Operator: wrd

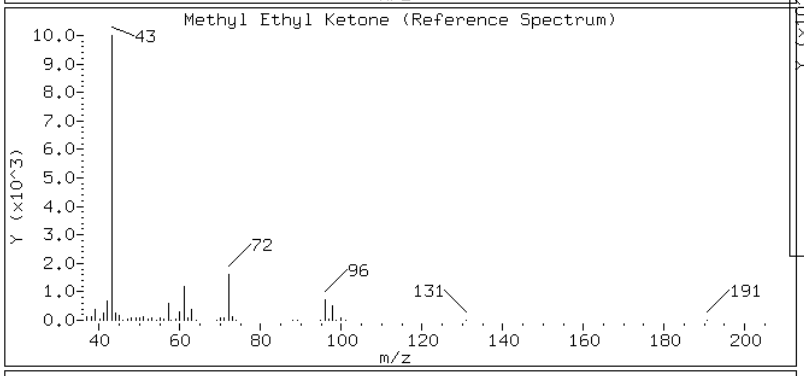
36 Methyl Ethyl Ketone

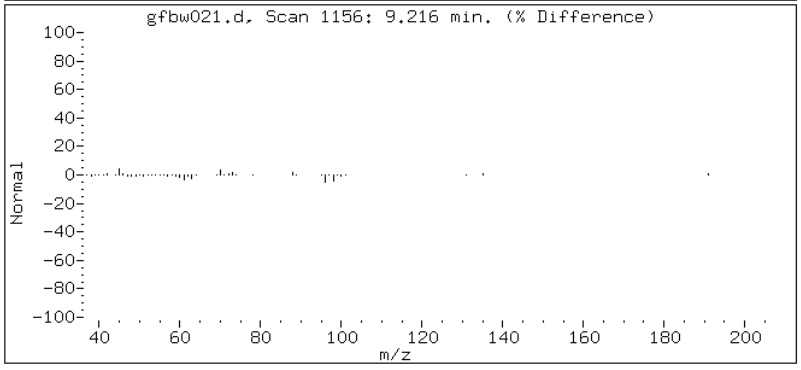












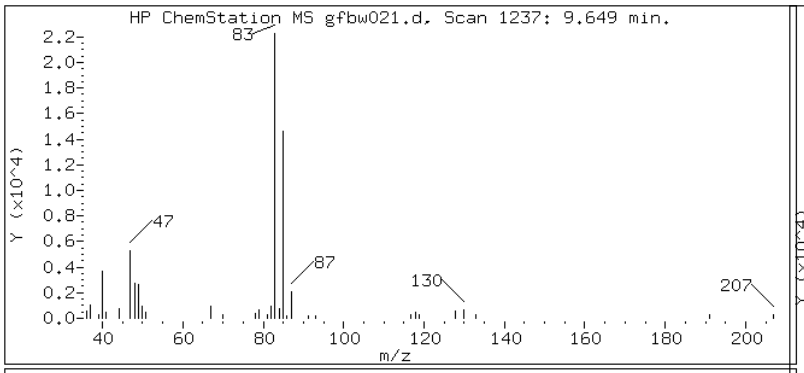
Data File: gfbw021.d

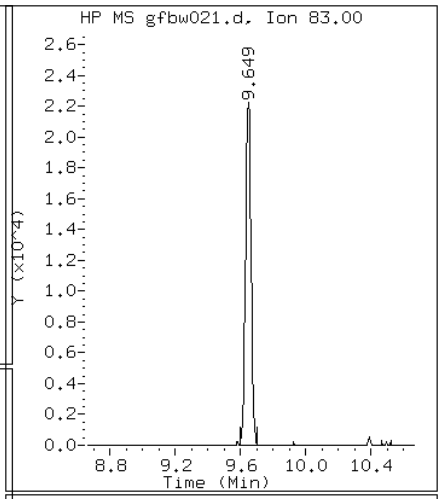
Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

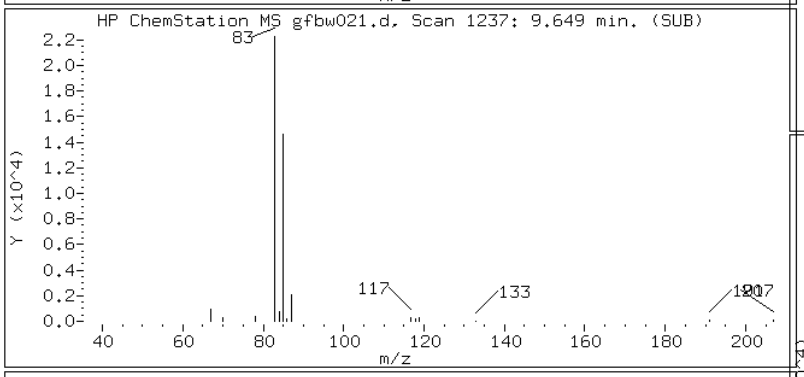
Client ID: CE-VAPOR-8 Instrument: G.i

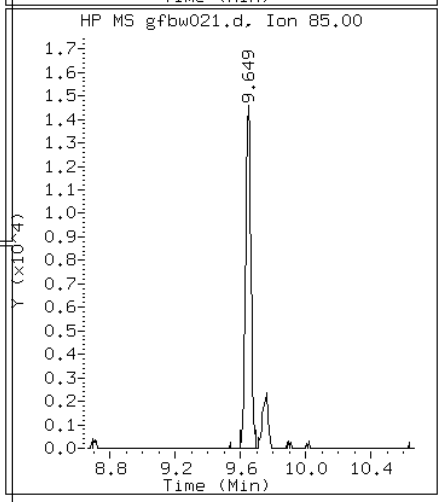
Sample Info: 220-13862-A-9 Operator: wrd

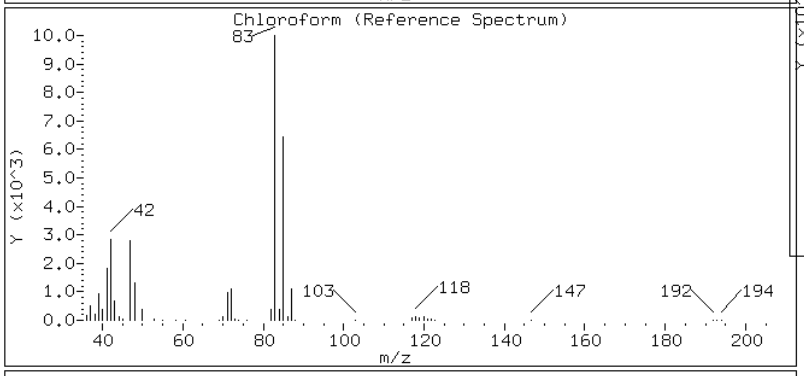
39 Chloroform

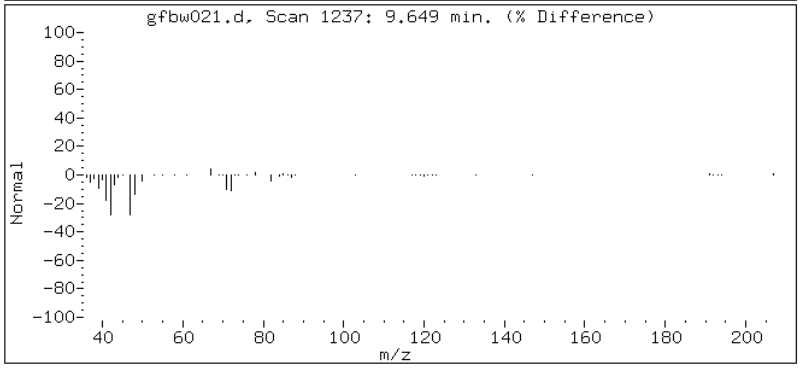












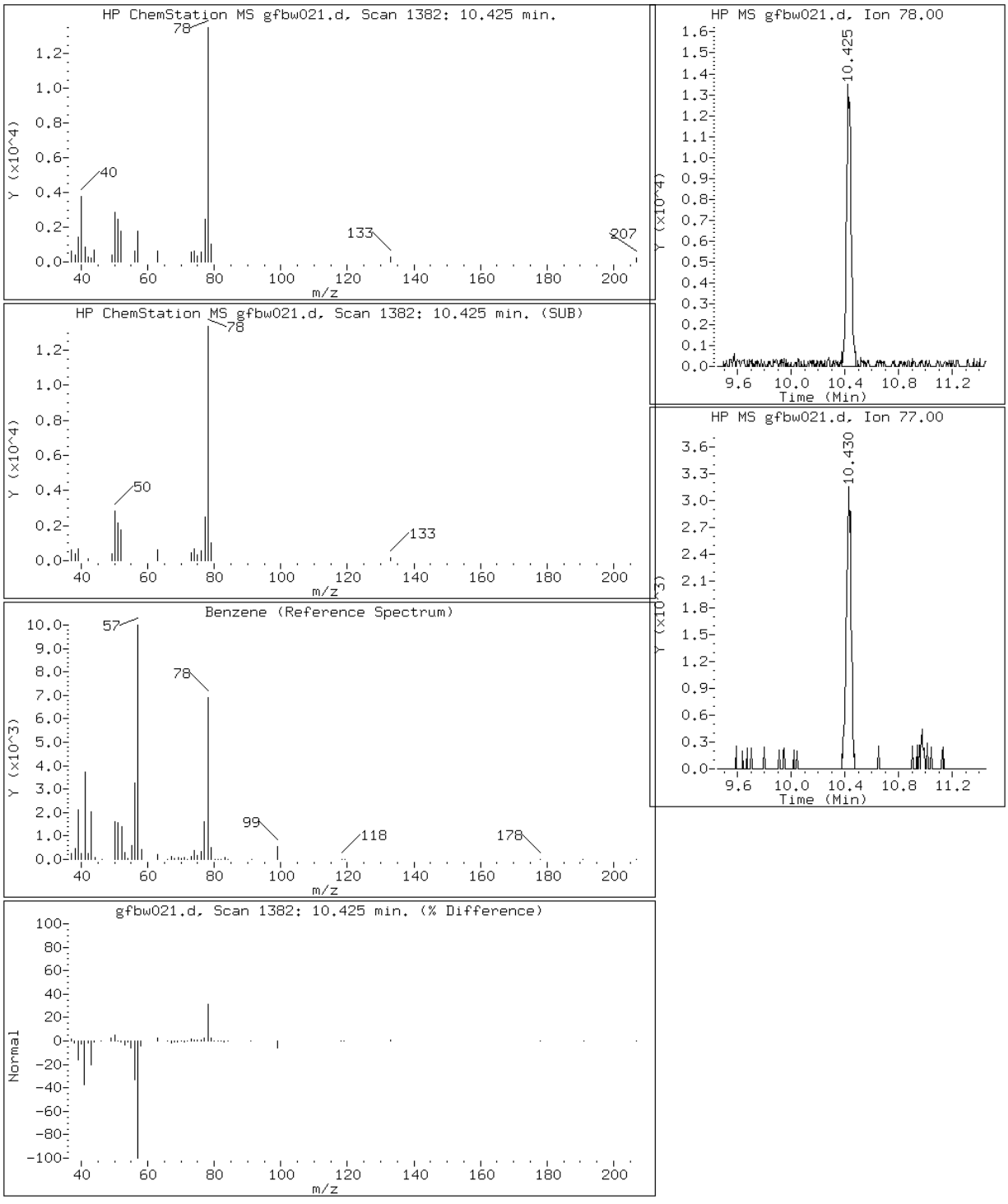
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

44 Benzene



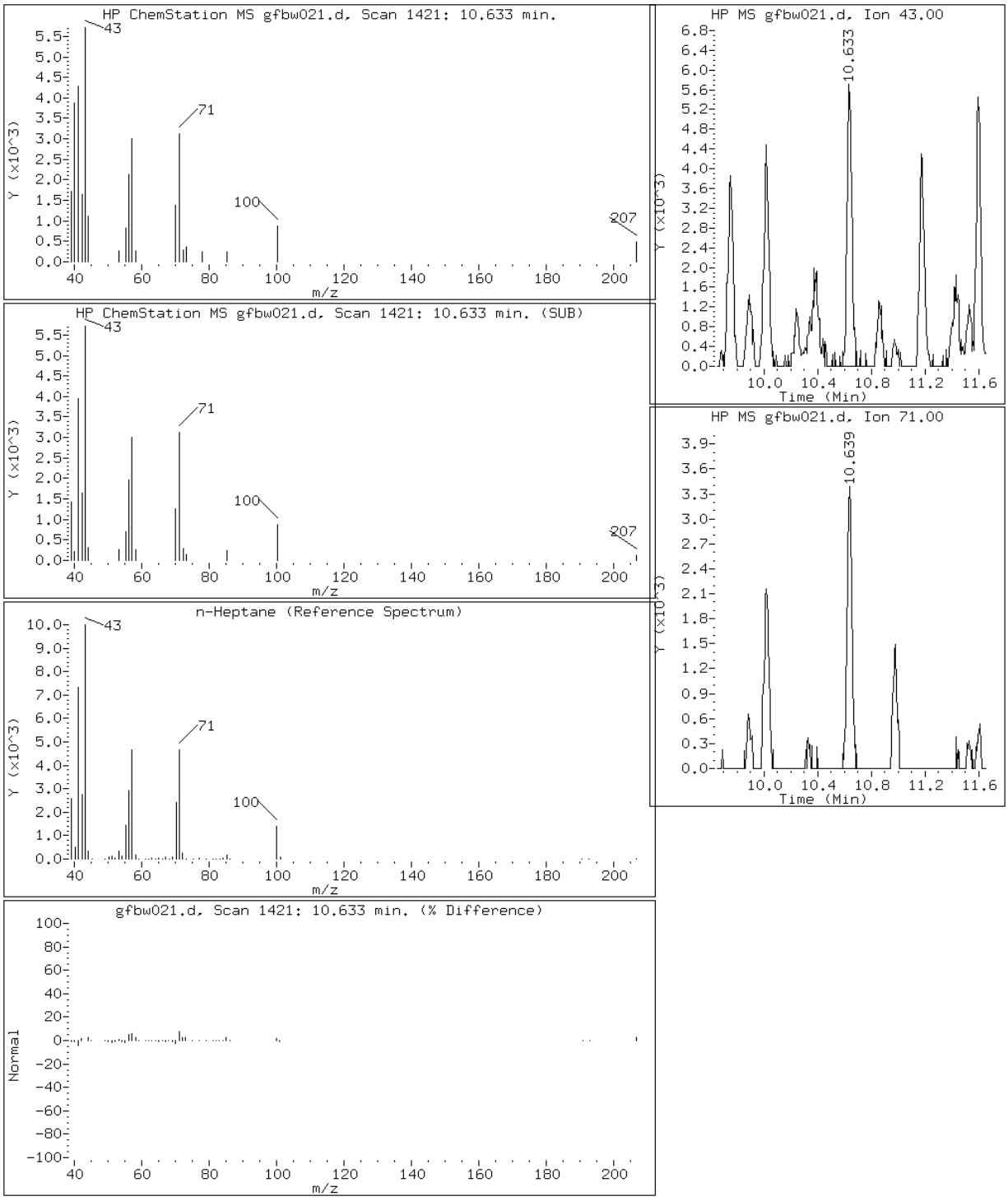
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

46 n-Heptane



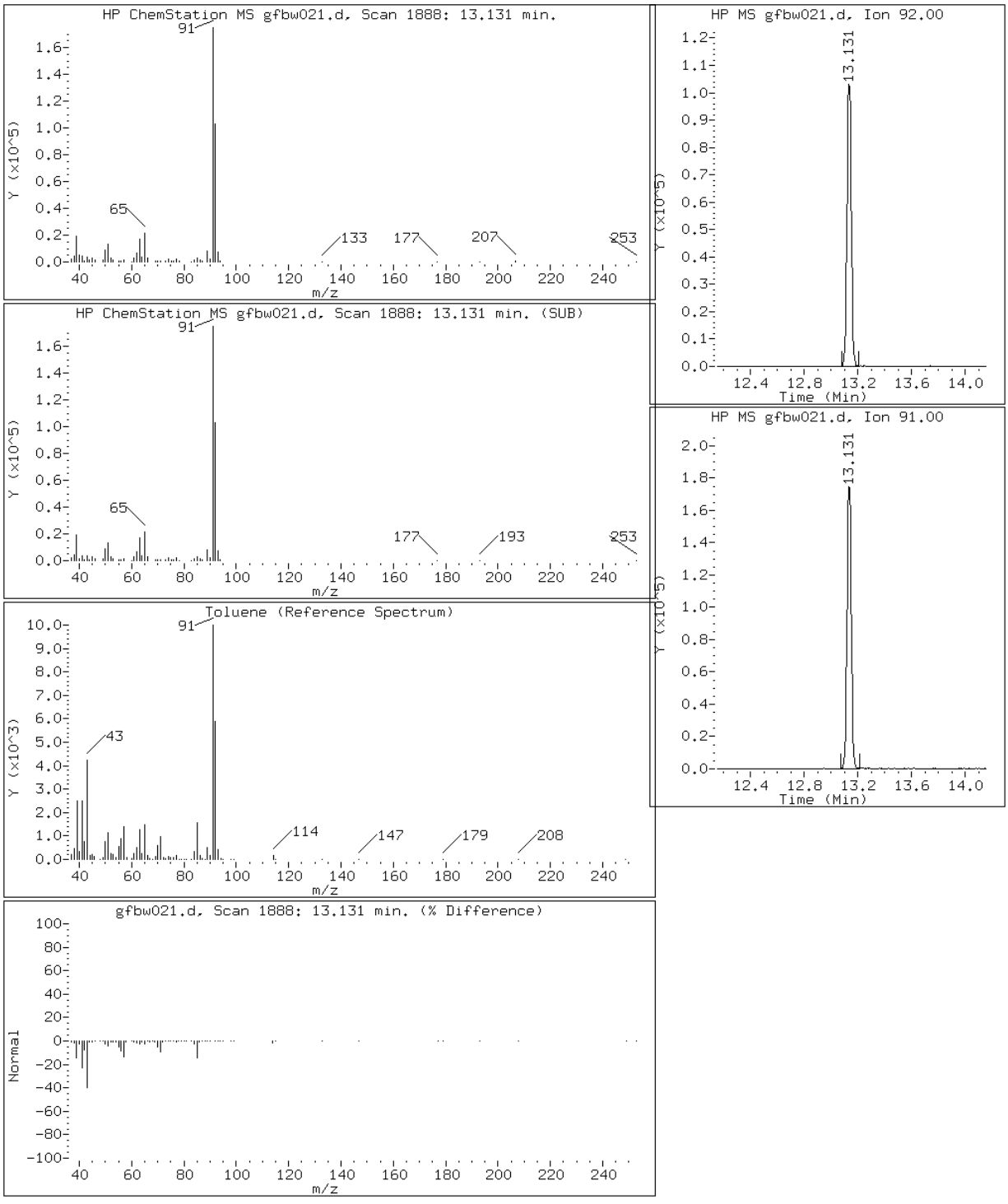
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

58 Toluene



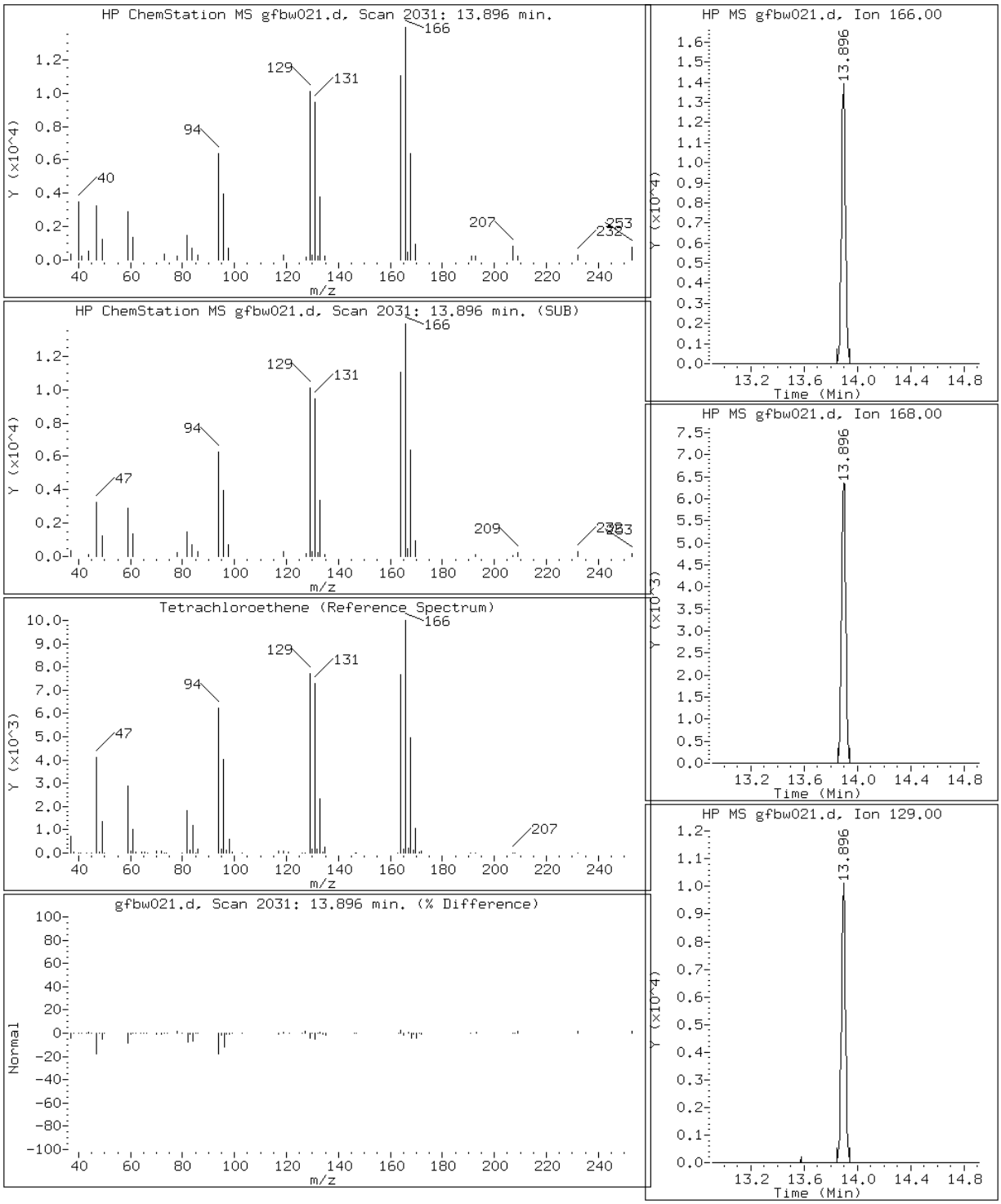
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

61 Tetrachloroethene



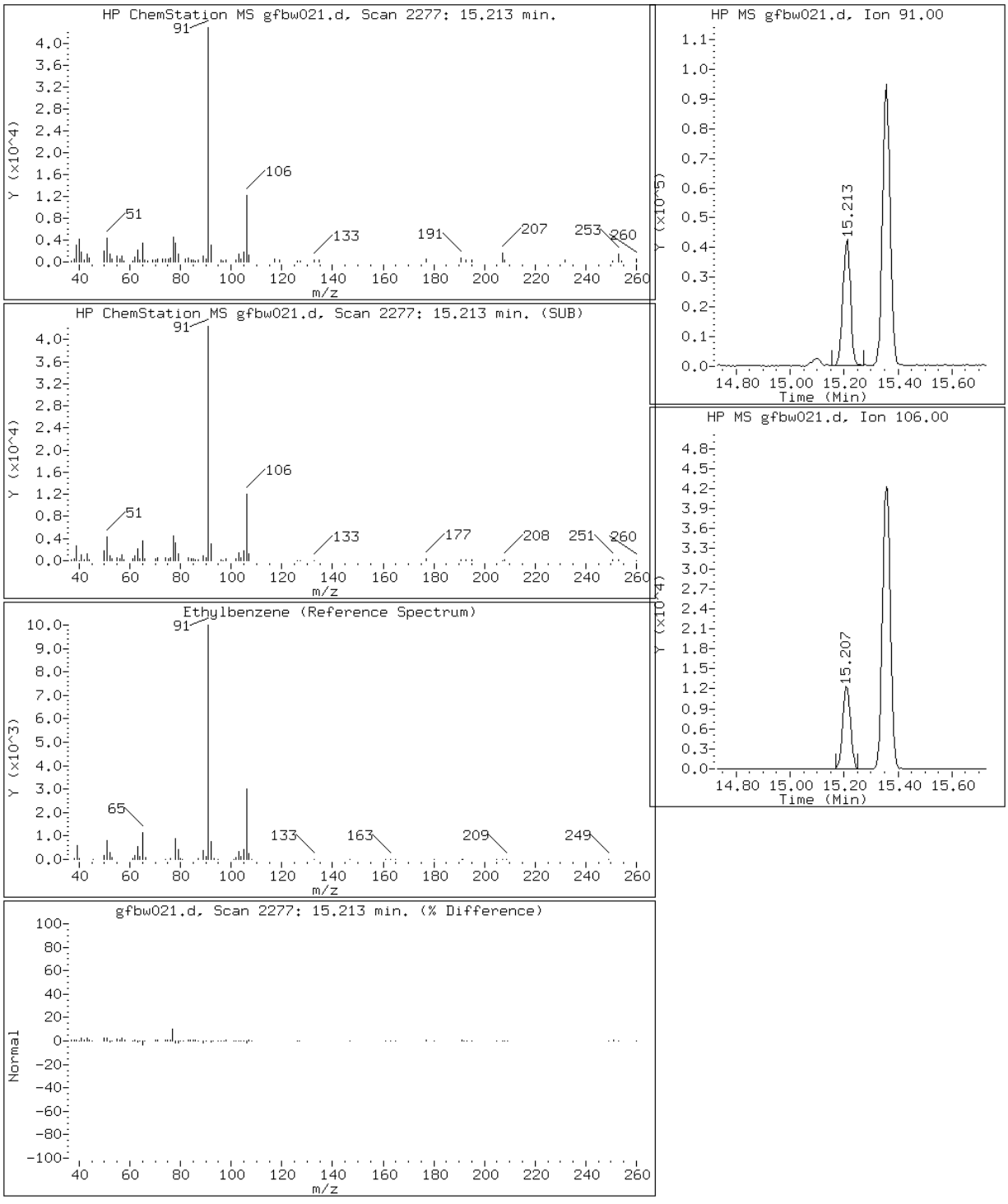
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

68 Ethylbenzene



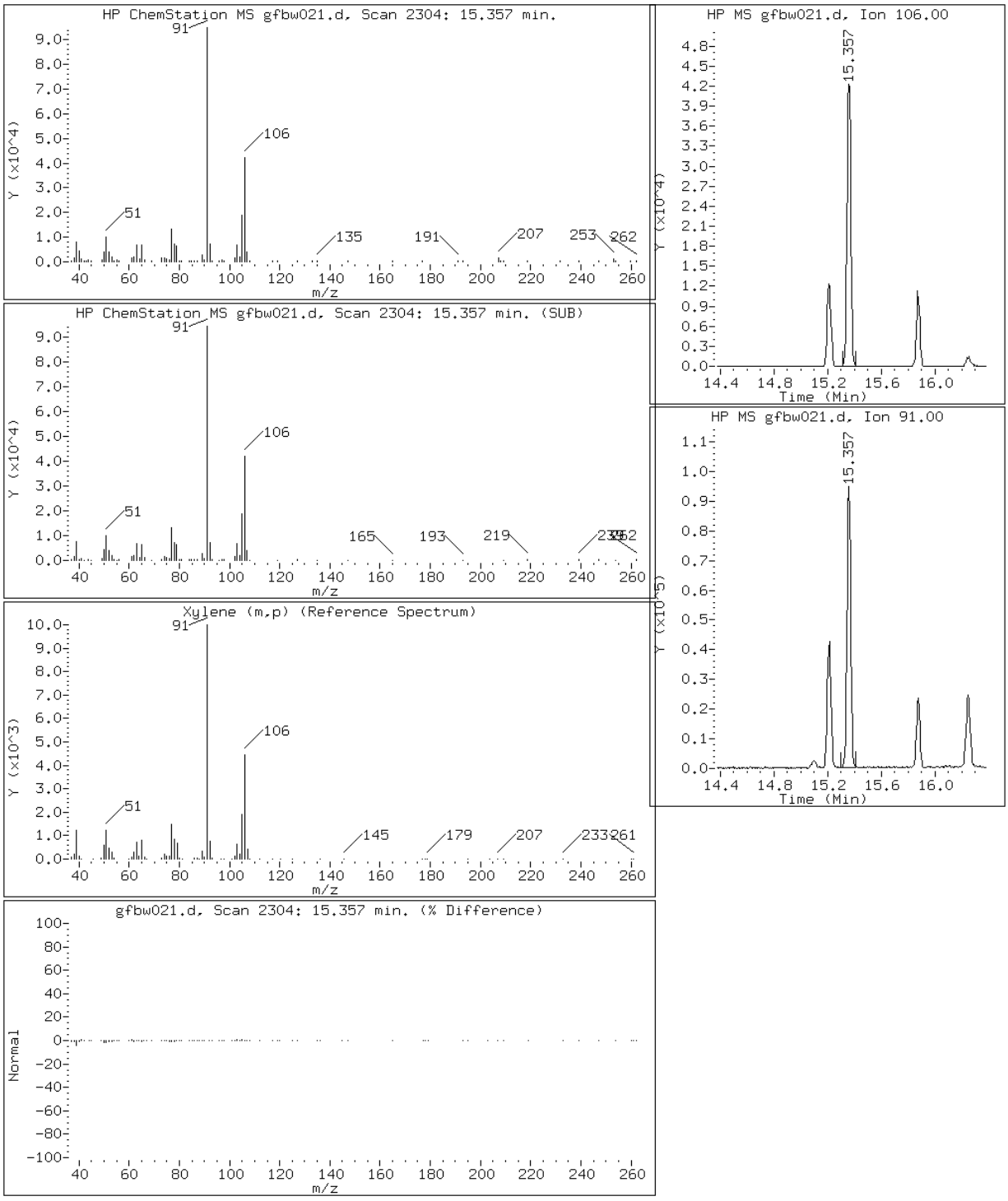
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

69 Xylene (m,p)



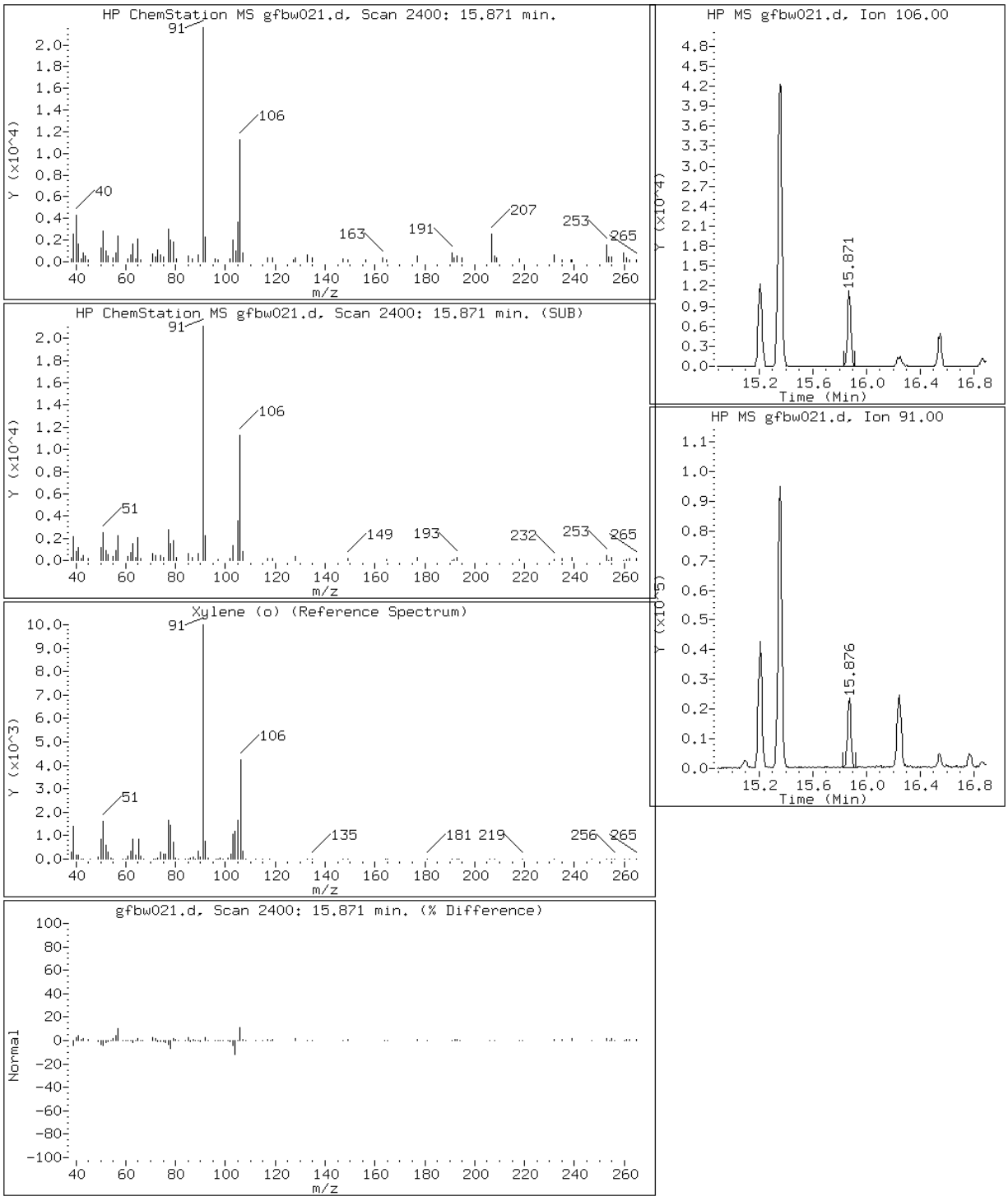
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

71 Xylene (o)



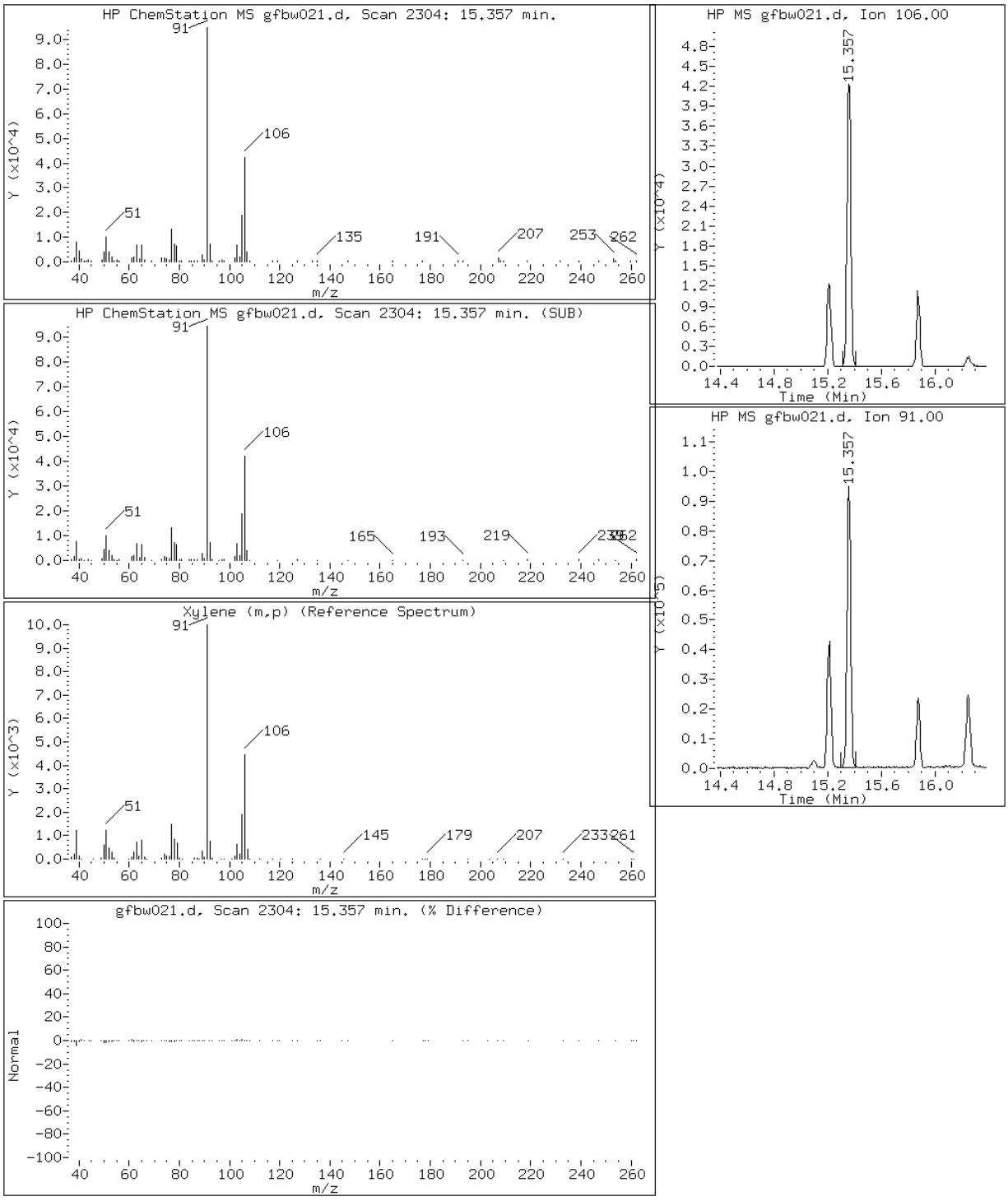
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

69 Xylene (m,p)



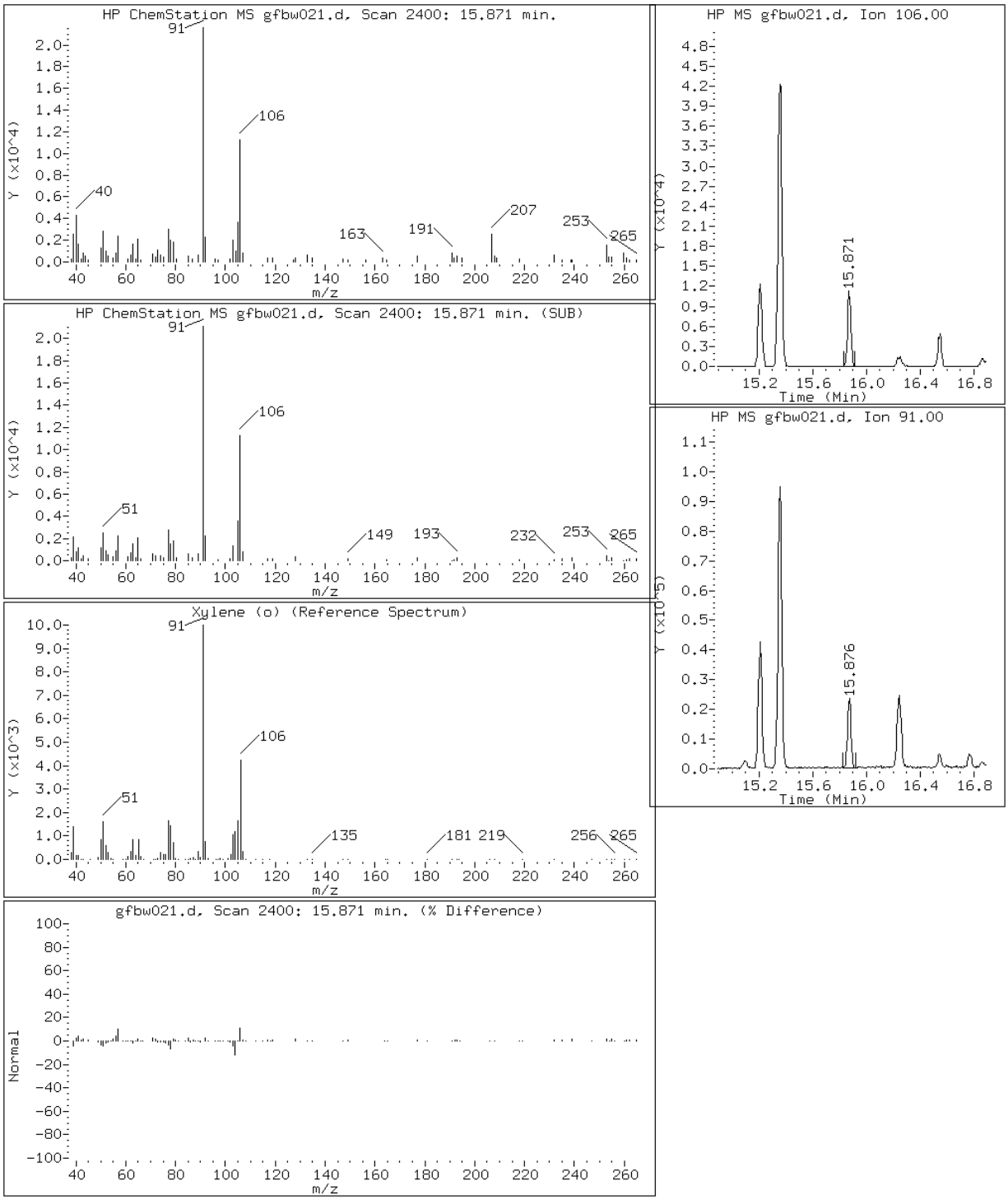
Data File: gfbw021.d

Lab Sample ID: 220-13862-9 Date: 06-NOV-2010 05:50

Client ID: CE-VAPOR-8 Instrument: G.i

Sample Info: 220-13862-A-9 Operator: wrd

71 Xylene (o)



Manual Integration Report

Data File: gfbw021.d
Lab Sample ID: 220-13862-9
Inj. Date and Time: 06-NOV-2010 05:50
Instrument ID: G.i
Client ID: CE-VAPOR-8
Compound: 62 2-Hexanone
CAS #: 591-78-6
Report Date: 11/06/2010

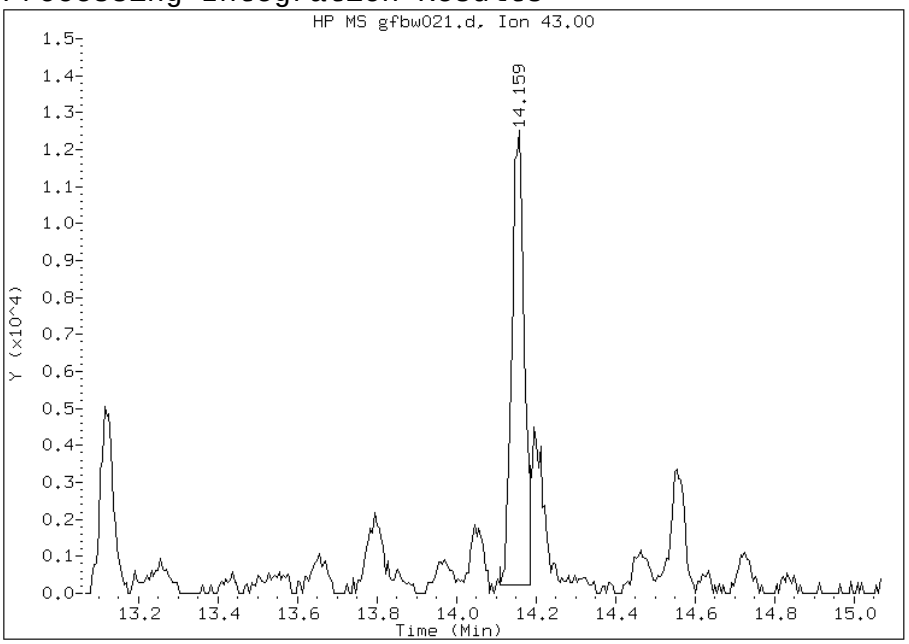
Processing Integration Results

RT: 14.16

Response: 26537

Amount: 0.339498

Conc: 0.339498



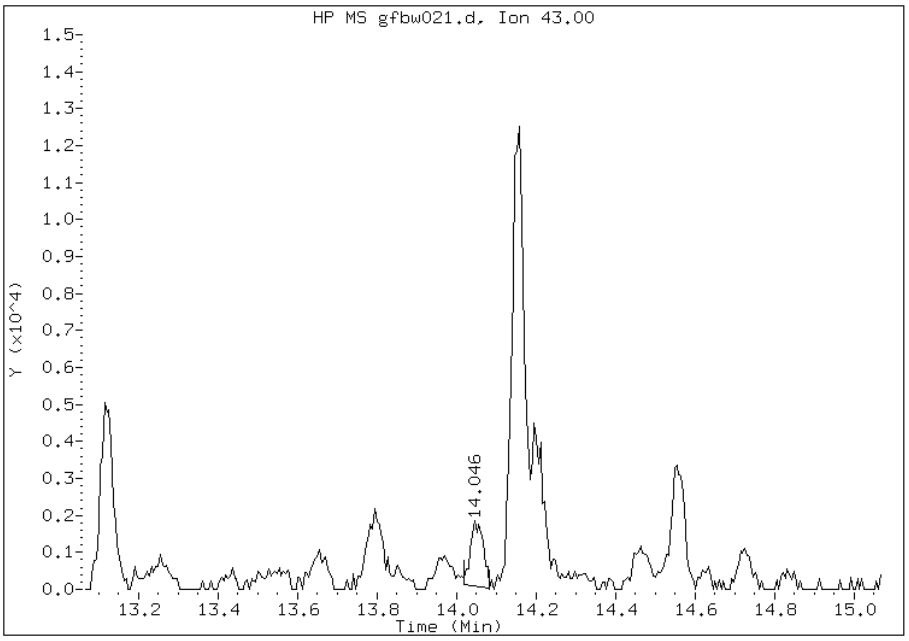
Manual Integration Results

RT: 14.05

Response: 3908

Amount: 0.050002

Conc: 0.050002



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

Manual Integration Report

Data File: gfbw021.d
Lab Sample ID: 220-13862-9
Inj. Date and Time: 06-NOV-2010 05:50
Instrument ID: G.i
Client ID: CE-VAPOR-8
Compound: 72 Styrene
CAS #: 100-42-5
Report Date: 11/06/2010

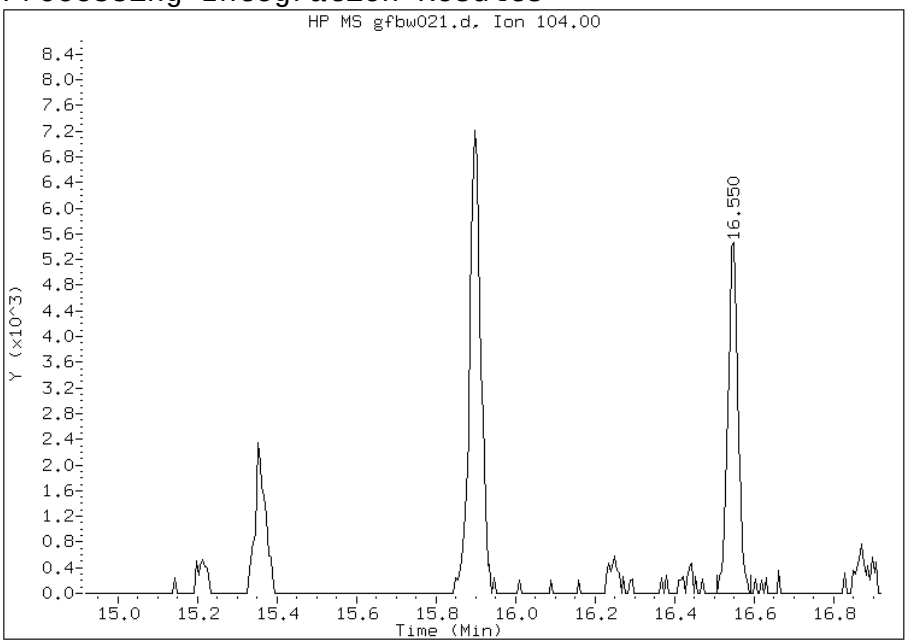
Processing Integration Results

RT: 16.55

Response: 9634

Amount: 0.075701

Conc: 0.075701



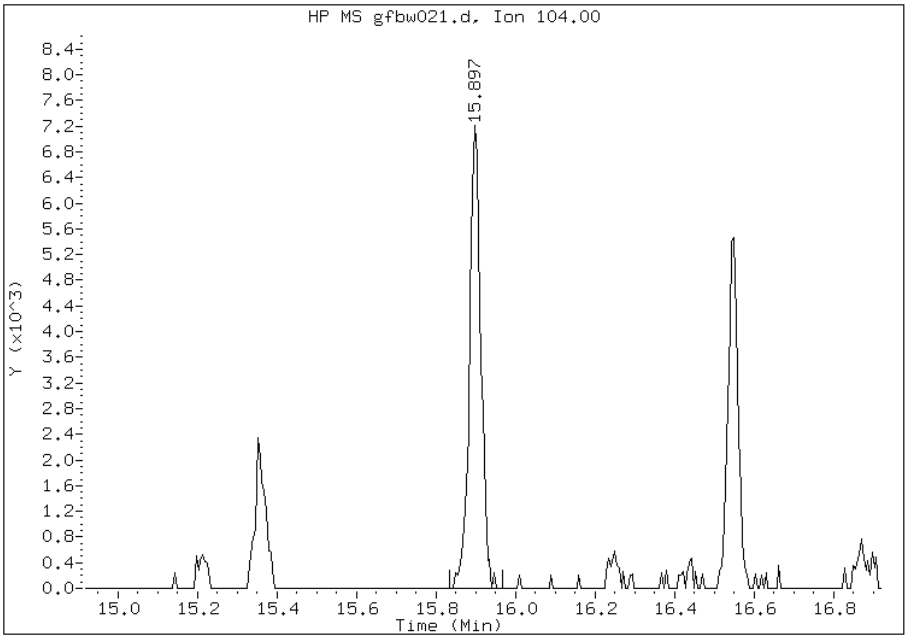
Manual Integration Results

RT: 15.90

Response: 14516

Amount: 0.114067

Conc: 0.114067



File Uploaded By: njr
Manual Integration Reason: Analyte misidentified by the data system

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-7345/3	gfb003.d
Level 2	IC 200-7345/4	gfb004.d
Level 3	IC 200-7345/5	gfb005.d
Level 4	ICIS 200-7345/6	gfb006.d
Level 5	IC 200-7345/7	gfb007.d
Level 6	IC 200-7345/8	gfb008.d
Level 7	IC 200-7345/9	gfb009.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.4818	0.5682 0.4849	0.5002	0.4753	0.4906	Ave		0.5002				6.9		30.0			
Dichlorodifluoromethane	+++++ 2.7746	2.8432 2.7209	2.8783	2.7373	2.8329	Ave		2.7979				2.3		30.0			
Freon 22	+++++ 1.2134	1.2802 1.2021	1.2707	1.1983	1.2485	Ave		1.2355				2.9		30.0			
1,2-Dichlorotetrafluoroethane	2.2286 2.1200	2.3492 1.9702	2.0503	2.0450	2.2127	Ave		2.1394				6.1		30.0			
Chloromethane	+++++ 0.4887	0.5753 0.4853	0.5113	0.4766	0.4973	Ave		0.5057				7.1		30.0			
n-Butane	+++++ 0.7784	0.9249 0.7555	0.8245	0.7746	0.8120	Ave		0.8117				7.5		30.0			
Vinyl chloride	0.5893 0.6176	0.6725 0.6040	0.6421	0.6209	0.6469	Ave		0.6276				4.5		30.0			
1,3-Butadiene	0.4194 0.4111	0.4415 0.4011	0.4302	0.4117	0.4247	Ave		0.4200				3.2		30.0			
Bromomethane	0.8700 0.8728	0.9069 0.7973	0.8623	0.8209	0.8598	Ave		0.8557				4.2		30.0			
Chloroethane	+++++ 0.3511	0.3343 0.3279	0.3487	0.3279	0.3479	Ave		0.3396				3.2		30.0			
Isopentane	0.9109 0.7210	0.8041 0.6756	0.7440	0.7052	0.7306	Ave		0.7559				10.4		30.0			
Bromoethene(Vinyl Bromide)	0.8974 0.9092	0.8696 0.8585	0.9227	0.8907	0.9156	Ave		0.8948				2.7		30.0			
Trichlorofluoromethane	3.1248 2.9222	3.0134 2.7246	3.0211	2.8470	2.9434	Ave		2.9423				4.4		30.0			
n-Pentane	+++++ 1.1122	1.2618 1.0380	1.1478	1.0913	1.1411	Ave		1.1320				6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.2526	0.2549 0.2362	0.2545	0.2435	0.2536	Ave		0.2492				3.1		30.0			
Isopropyl alcohol	+++++ 0.7276	+++++ 0.6810	0.7906	0.7632	0.7544	Ave		0.7434				5.6		30.0			
Ethyl ether	0.4685 0.4621	0.4834 0.4405	0.4697	0.4465	0.4782	Ave		0.4641				3.4		30.0			
Acrolein	+++++ 0.2339	+++++ 0.2271	0.2349	0.2293	0.2470	Ave		0.2344				3.3		30.0			
Freon TF	1.8687 1.8356	1.8833 1.6702	1.8192	1.7357	1.8339	Ave		1.8067				4.2		30.0			
1,1-Dichloroethene	0.8093 0.7848	0.8647 0.7354	0.7961	0.7506	0.7957	Ave		0.7909				5.3		30.0			
Acetone	+++++ 1.0432	+++++ 1.0055	1.1696	1.0914	1.0985	Ave		1.0816				5.7		30.0			
Carbon disulfide	+++++ 2.3972	2.4589 2.2919	2.4061	2.2931	2.3997	Ave		2.3745				2.8		30.0			
3-Chloropropene	0.8401 0.8437	0.8624 0.7916	0.8354	0.7930	0.8524	Ave		0.8312				3.4		30.0			
Acetonitrile	+++++ 0.4033	+++++ 0.3918	0.4229	0.4101	0.4172	Ave		0.4091				3.0		30.0			
Methylene Chloride	+++++ 0.8232	1.1462 0.7590	0.8449	0.7853	0.8278	Ave		0.8644				16.4		30.0			
tert-Butyl alcohol	+++++ 1.2041	+++++ 1.1540	1.2936	1.2453	1.2492	Ave		1.2292				4.3		30.0			
Methyl tert-butyl ether	2.3007 2.2432	2.3532 2.1628	2.3270	2.1994	2.3003	Ave		2.2695				3.1		30.0			
trans-1,2-Dichloroethene	1.2765 1.2677	1.2919 1.1666	1.2630	1.2130	1.2724	Ave		1.2502				3.5		30.0			
n-Hexane	1.1107 1.0820	1.0840 0.9935	1.0398	1.0144	1.0773	Ave		1.0574				4.0		30.0			
1,1-Dichloroethane	1.4115 1.5150	1.5370 1.4071	1.4959	1.4414	1.5175	Ave		1.4751				3.7		30.0			
Vinyl acetate	+++++ 1.6353	+++++ 1.5883	1.6502	1.6116	1.6865	Ave		1.6344				2.3		30.0			
cis-1,2-Dichloroethene	0.9412 0.9111	0.9158 0.8388	0.8584	0.8494	0.9038	Ave		0.8884				4.4		30.0			
Methyl Ethyl Ketone	+++++ 0.3163	0.3520 0.2975	0.3249	0.3109	0.3242	Ave		0.3210				5.7		30.0			
Ethyl acetate	+++++ 0.0537	+++++ 0.0521	0.0558	0.0524	0.0558	Ave		0.0539				3.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	+++++ 0.1328	+++++ 0.1261	0.1356	0.1286	0.1349	Ave		0.1316				3.1		30.0			
Chloroform	2.0010 2.1046	2.1480 1.9736	2.0403	2.0083	2.1148	Ave		2.0558				3.2		30.0			
1,1,1-Trichloroethane	0.5035 0.5124	0.5083 0.4674	0.4855	0.4702	0.5136	Ave		0.4944				4.0		30.0			
Cyclohexane	0.2167 0.2236	0.2206 0.2006	0.2154	0.2055	0.2238	Ave		0.2152				4.2		30.0			
Carbon tetrachloride	0.5555 0.5933	0.5591 0.5414	0.5557	0.5407	0.5887	Ave		0.5621				3.7		30.0			
2,2,4-Trimethylpentane	0.6931 0.7281	0.7342 0.6840	0.6891	0.6746	0.7337	Ave		0.7053				3.6		30.0			
Benzene	0.5968 0.5252	0.5608 0.4951	0.5003	0.4830	0.5251	Ave		0.5266				7.6		30.0			
1,2-Dichloroethane	0.3148 0.3061	0.3143 0.2918	0.3008	0.2886	0.3091	Ave		0.3036				3.4		30.0			
n-Heptane	0.2749 0.2578	0.2648 0.2395	0.2485	0.2417	0.2613	Ave		0.2555				5.0		30.0			
Trichloroethene	0.2689 0.2910	0.2817 0.2686	0.2680	0.2679	0.2917	Ave		0.2768				4.0		30.0			
1,2-Dichloropropane	0.1647 0.1730	0.1808 0.1639	0.1717	0.1618	0.1769	Ave		0.1704				4.2		30.0			
Methyl methacrylate	+++++ 0.1570	0.1382 0.1514	0.1506	0.1463	0.1600	Ave		0.1506				5.2		30.0			
1,4-Dioxane	+++++ 0.0701	+++++ 0.0655	0.0782	0.0733	0.0741	Ave		0.0722				6.6		30.0			
Dibromomethane	0.2932 0.2996	0.2942 0.2787	0.2797	0.2759	0.3007	Ave		0.2889				3.6		30.0			
Bromodichloromethane	0.4408 0.4891	0.4642 0.4644	0.4742	0.4561	0.4953	Ave		0.4692				4.0		30.0			
cis-1,3-Dichloropropene	0.3127 0.3188	0.3071 0.3038	0.3088	0.2934	0.3218	Ave		0.3095				3.1		30.0			
methyl isobutyl ketone	+++++ 0.3102	0.2835 0.2997	0.3156	0.3010	0.3226	Ave		0.3054				4.5		30.0			
n-Octane	0.3585 0.3400	0.3768 0.3124	0.3447	0.3234	0.3503	Ave		0.3437				6.2		30.0			
Toluene	0.4111 0.3901	0.4353 0.3625	0.3923	0.3729	0.3969	Ave		0.3944				6.1		30.0			
trans-1,3-Dichloropropene	0.3353 0.3478	0.3415 0.3336	0.3362	0.3199	0.3535	Ave		0.3383				3.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.1915 0.2021	0.2130 0.1885	0.2012	0.1933	0.2048	Ave		0.1992				4.3		30.0			
Tetrachloroethene	0.4535 0.4403	0.4616 0.4070	0.4357	0.4177	0.4454	Ave		0.4373				4.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.3118	0.2873 0.3029	0.3208	0.3063	0.3259	Ave		0.3092				4.5		30.0			
Dibromochloromethane	0.4723 0.5529	0.4877 0.5227	0.5236	0.5195	0.5556	Ave		0.5192				5.9		30.0			
1,2-Dibromoethane	0.4062 0.4280	0.4186 0.4030	0.4212	0.4031	0.4314	Ave		0.4159				2.9		30.0			
Chlorobenzene	0.5929 0.5844	0.5940 0.5518	0.5690	0.5500	0.5884	Ave		0.5758				3.3		30.0			
Ethylbenzene	0.9318 0.8947	0.9290 0.8383	0.8903	0.8511	0.9118	Ave		0.8924				4.1		30.0			
n-Nonane	0.3345 0.3449	0.3610 0.3189	0.3538	0.3342	0.3523	Ave		0.3428				4.2		30.0			
m,p-Xylene	0.3444 0.3424	0.3437 0.3222	0.3433	0.3267	0.3495	Ave		0.3389				3.0		30.0			
Xylene, o-	0.3495 0.3412	0.3457 0.3176	0.3458	0.3274	0.3502	Ave		0.3396				3.7		30.0			
Styrene	0.4367 0.5428	0.4582 0.5157	0.5140	0.5073	0.5487	Ave		0.5033				8.3		30.0			
Bromoform	0.4574 0.6059	0.4926 0.5714	0.5871	0.5665	0.6113	Ave		0.5560				10.5		30.0			
Cumene	0.9943 1.0459	1.0335 0.9926	1.0491	0.9957	1.0693	Ave		1.0258				3.1		30.0			
1,1,2,2-Tetrachloroethane	0.4832 0.5047	0.5001 0.4735	0.5252	0.4906	0.5204	Ave		0.4997				3.8		30.0			
n-Propylbenzene	1.0622 1.2012	1.1872 1.1101	1.2116	1.1436	1.2256	Ave		1.1631				5.2		30.0			
1,2,3-Trichloropropane	+++++ 0.3901	0.4113 0.3633	0.4103	0.3793	0.4028	Ave		0.3928				4.8		30.0			
n-Decane	+++++ 0.4316	0.3849 0.4039	0.4364	0.4111	0.4387	Ave		0.4178				5.1		30.0			
4-Ethyltoluene	0.9393 1.0694	1.0133 1.0092	1.0684	1.0139	1.0875	Ave		1.0287				4.9		30.0			
2-Chlorotoluene	0.9182 0.9898	0.9829 0.9358	1.0075	0.9486	1.0144	Ave		0.9710				3.8		30.0			
1,3,5-Trimethylbenzene	0.7801 0.9183	0.8827 0.8668	0.9260	0.8649	0.9365	Ave		0.8822				6.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	0.7746 0.8629	0.8421 0.8140	0.8770	0.8222	0.8823	Ave		0.8393				4.6		30.0			
1,2,4-Trimethylbenzene	0.7680 0.9118	0.8431 0.8661	0.9244	0.8646	0.9343	Ave		0.8732				6.6		30.0			
sec-Butylbenzene	1.0700 1.2623	1.1899 1.1806	1.2821	1.2054	1.2870	Ave		1.2110				6.3		30.0			
4-Isopropyltoluene	0.8823 1.1125	1.0142 1.0551	1.1184	1.0551	1.1399	Ave		1.0539				8.3		30.0			
1,3-Dichlorobenzene	0.6201 0.6849	0.6546 0.6448	0.6862	0.6439	0.6974	Ave		0.6617				4.3		30.0			
1,4-Dichlorobenzene	0.5937 0.6790	0.6564 0.6436	0.6762	0.6344	0.6941	Ave		0.6539				5.2		30.0			
Benzyl chloride	0.6773 0.8214	0.7329 0.7880	0.8143	0.7702	0.8341	Ave		0.7769				7.2		30.0			
n-Undecane	+++++ 0.3685	+++++ 0.4052	0.2839	0.2592	0.3473	Ave		0.3328				18.1		30.0			
n-Butylbenzene	0.6905 0.9484	0.8130 0.8869	0.9666	0.9064	0.9803	Ave		0.8846				11.6		30.0			
1,2-Dichlorobenzene	0.5826 0.6452	0.6307 0.6117	0.6615	0.6131	0.6639	Ave		0.6298				4.7		30.0			
n-Dodecane	+++++ 0.2394	+++++ 0.1272	0.2262	0.2000	0.2449	Ave		0.2075				23.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5258	0.3686 0.4154	0.4839	0.4642	0.5329	Ave		0.4651				13.7		30.0			
Hexachlorobutadiene	0.4055 0.5248	0.4769 0.3779	0.5593	0.5084	0.5444	Ave		0.4853				14.3		30.0			
Naphthalene	+++++ 0.9828	0.5918 0.7910	0.8357	0.8384	0.9759	Ave		0.8359				17.2		30.0			
1,2,3-Trichlorobenzene	0.2863 0.4510	0.3178 0.2696	0.4233	0.3972	0.4609	Ave		0.3723				21.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-7345/3	gfb003.d
Level 2	IC 200-7345/4	gfb004.d
Level 3	IC 200-7345/5	gfb005.d
Level 4	ICIS 200-7345/6	gfb006.d
Level 5	IC 200-7345/7	gfb007.d
Level 6	IC 200-7345/8	gfb008.d
Level 7	IC 200-7345/9	gfb009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 497111	13914 1005928	120617	245407	373046	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	+++++ 2862616	69619 5644022	694064	1413330	2154062	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	+++++ 1251820	31348 2493584	306418	618679	949293	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	22042 2187198	57522 4086852	494398	1055890	1682460	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	+++++ 504197	14086 1006569	123298	246101	378119	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	+++++ 803097	22647 1567128	198823	399930	617449	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	5828 637214	16467 1252819	154830	320594	491914	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	4148 424129	10810 831949	103739	212578	322955	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	8605 900420	22207 1653881	207928	423819	653749	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	+++++ 362191	8185 680167	84083	169288	264556	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	9009 743839	19689 1401415	179400	364082	555528	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	8876 938008	21293 1780834	222507	459874	696181	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	30905 3014876	73785 5651574	728488	1469931	2238052	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	+++++ 1147495	30897 2153193	276785	563438	867644	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	+++++ 521288	62407 1224666	122731	188568	257095	+++++ 40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isopropyl alcohol	BCM	Ave	+++++ 750718	+++++ 1412556	190650	394070	573656	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Ethyl ether	BCM	Ave	4634 476743	11836 913785	113256	230535	363593	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	+++++ 241284	+++++ 471161	56636	118383	187804	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	18482 1893780	46115 3464426	438666	896159	1394471	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	8004 809675	21174 1525536	191961	387566	605001	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	+++++ 1076311	+++++ 2085605	282026	563522	835252	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	+++++ 2473231	60208 4754110	580200	1183952	1824642	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	8309 870443	21116 1641982	201443	409432	648159	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	+++++ 416060	+++++ 812729	101983	211754	317198	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	+++++ 849339	28065 1574349	203734	405471	629466	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	+++++ 1242301	+++++ 2393806	311929	642966	949850	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	22755 2314289	57619 4486240	561113	1135583	1749076	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	12625 1307913	31633 2419863	304565	626311	967461	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	10985 1116343	26543 2060812	250722	523762	819178	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	13960 1563036	37636 2918739	360719	744221	1153885	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	+++++ 1687125	+++++ 3294709	397931	832083	1282334	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	9309 939970	22424 1739922	206992	438559	687234	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 326320	8619 617019	78345	160503	246517	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	+++++ 55390	+++++ 107970	13463	27041	42429	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	+++++ 649152	+++++ 1254949	157662	323699	487124	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	19791 2171371	52596 4093850	491980	1036918	1608012	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,1-Trichloroethane	DFB	Ave	24089 2505426	60161 4650814	564438	1183647	1854558	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	10367 1093073	26104 1996428	250417	517374	808120	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	26576 2900754	66169 5387784	645955	1361057	2125536	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	33158 3559821	86891 6806707	801030	1698055	2649436	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	28553 2567948	66364 4927186	581561	1215705	1896062	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	15061 1496829	37197 2904127	349624	726342	1116178	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	13152 1260358	31334 2382841	288895	608400	943533	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	12865 1422598	33344 2672514	311584	674438	1053145	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	7880 846015	21394 1630685	199594	407284	638886	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	+++++ 767415	16351 1506662	175064	368280	577816	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	+++++ 342889	+++++ 651487	90882	184383	267603	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	14029 1464921	34822 2773313	325205	694369	1085783	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	21089 2391251	54938 4620921	551282	1148127	1788614	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	14958 1558576	36346 3023120	358996	738423	1161979	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	+++++ 1516558	33552 2982519	366918	757556	1164777	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	17151 1662465	44591 3108561	400718	813915	1264989	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	18522 1851115	48236 3529811	435282	894180	1391249	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	16040 1700727	40416 3319564	390890	805267	1276350	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	8627 958876	23600 1835512	223201	463395	717989	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrachloroethene	CBZ	Ave	20431 2089468	51151 3963514	483401	1001695	1561054	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1479612	31830 2949258	355929	734399	1142380	+++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromochloromethane	CBZ	Ave	21278 2623930	54037 5090117	580900	1245571	1947445	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	18300 2031157	46386 3924255	467275	966485	1512090	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	26715 2773344	65811 5373729	631348	1318740	2062266	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	41982 4245691	102930 8163504	987746	2040817	3195886	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	15073 1636636	39994 3105595	392578	801375	1234796	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	31031 3249512	76157 6275143	761868	1566581	2450256	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	15748 1619065	38299 3092573	383700	785108	1227437	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	19677 2575899	50768 5022047	570235	1216401	1923343	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	20607 2875262	54584 5564344	651426	1358393	2142677	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	44799 4963287	114509 9665638	1163934	2387612	3747851	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	21770 2395093	55412 4610968	582766	1176279	1824043	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	47858 5700366	131540 10810542	1344234	2742134	4295651	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1850985	45574 3537415	455264	909436	1411891	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	+++++ 2048318	42649 3932777	484161	985711	1537728	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	42321 5074883	112272 9827233	1185422	2431229	3811475	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	41372 4696931	108907 9112446	1117803	2274497	3555343	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	35147 4357916	97807 8441270	1027389	2073902	3282255	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	34902 4094984	93310 7927116	973012	1971512	3092265	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	34605 4326742	93418 8433694	1025600	2073254	3274749	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	48209 5989932	131840 11496632	1422473	2890372	4510861	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	39753 5279163	112376 10274436	1240899	2529849	3995236	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 220-13862-1 Analy Batch No.: 7345

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2010 01:39 Calibration End Date: 10/01/2010 09:30 Calibration ID: 2531

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichlorobenzene	CBZ	Ave	27940 3249977	72529 6279394	761321	1543943	2444187	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	26749 3222274	72730 6267573	750293	1521124	2432668	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	30515 3897711	81205 7673623	903421	1846798	2923554	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	+++++ 1748763	+++++ 3945423	314987	621610	1217396	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	31110 4500690	90085 8636418	1072424	2173333	3435856	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	26248 3061607	69883 5957159	733888	1470206	2326844	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	+++++ 1135830	+++++ 1238587	250926	479538	858267	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 2495101	40845 4044894	536935	1113168	1867870	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	18271 2490430	52839 3680282	620581	1219159	1908264	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	+++++ 4663794	65568 7702589	927230	2010387	3420405	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	12899 2140062	35217 2625313	469627	952388	1615324	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb003.d
Lab Smp Id: ic 055034
Inj Date : 01-OCT-2010 01:39
Operator : njr Inst ID: G.i
Smp Info : ic 055034
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 01:39 Cal File: gfb003.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	28970	0.20000	0.21(a)
3 Chlorodifluoromethane	51	3.203	3.192	(0.334)	14338	0.20000	0.24(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	22042	0.20000	0.21
5 Chloromethane	50	3.518	3.513	(0.367)	6108	0.20000	0.26(a)
6 Butane	43	3.695	3.689	(0.385)	8563	0.20000	0.22(a)
7 Vinyl chloride	62	3.727	3.727	(0.388)	5828	0.20000	0.19(a)
8 1,3-Butadiene	54	3.796	3.796	(0.396)	4148	0.20000	0.20
9 Bromomethane	94	4.481	4.476	(0.467)	8605	0.20000	0.21
10 Chloroethane	64	4.711	4.700	(0.491)	3245	0.20000	0.20(a)
11 2-Methylbutane	43	4.775	4.775	(0.498)	9009	0.20000	0.23
12 Vinyl bromide	106	5.096	5.096	(0.531)	8876	0.20000	0.20
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	30905	0.20000	0.21
14 Pentane	43	5.310	5.316	(0.553)	11801	0.20000	0.22(a)
16 Ethyl ether	59	5.797	5.781	(0.604)	4634	0.20000	0.20

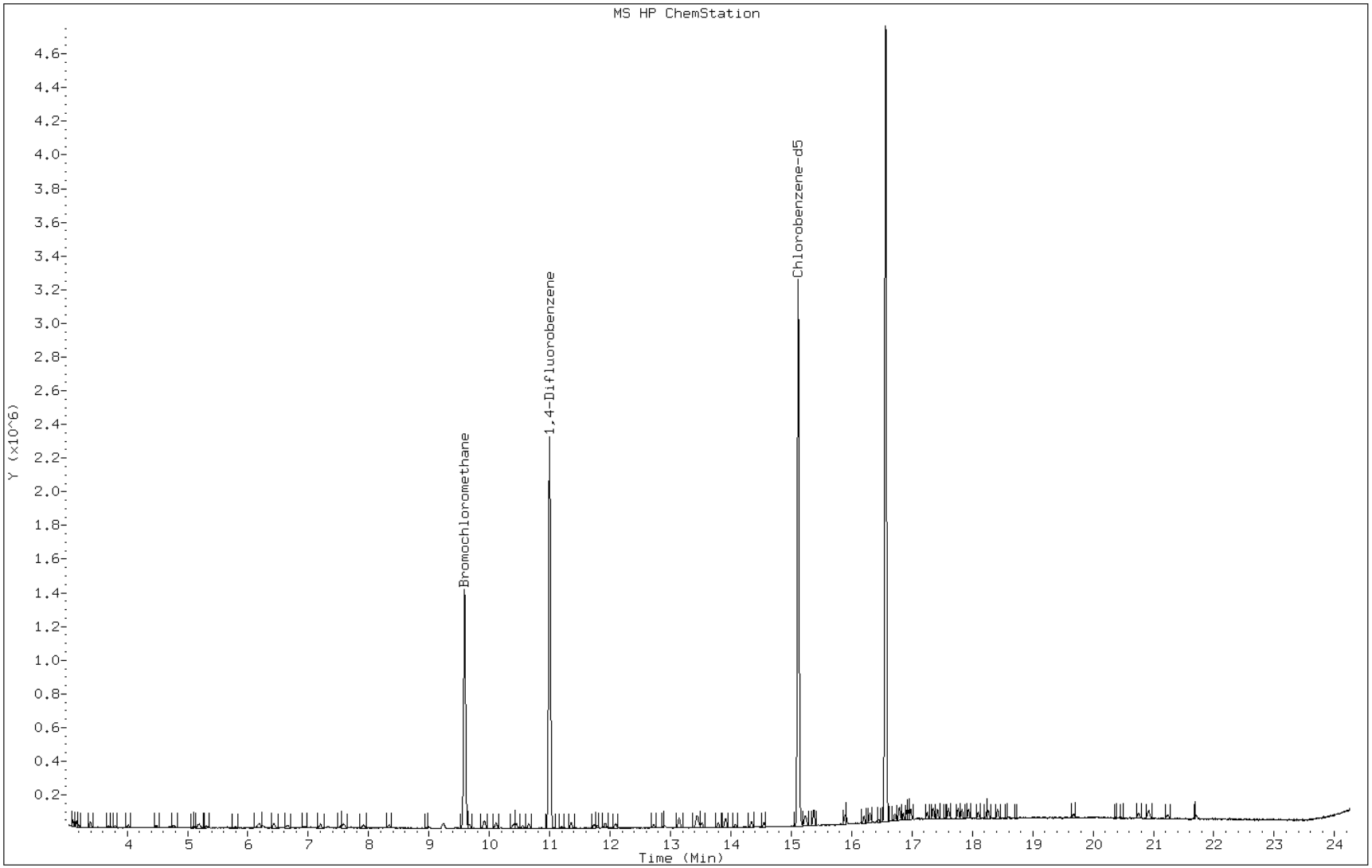
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	18482	0.20000	0.21
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	8004	0.20000	0.21
	21 Carbon disulfide	76	6.659	6.658	(0.694)	23296	0.20000	0.21(a)
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	6.942	6.942	(0.723)	8309	0.20000	0.21
	25 Methylene chloride	49	7.204	7.199	(0.751)	14858	0.20000	0.38(a)
	27 Methyl tert-butyl ether	73	7.547	7.541	(0.786)	22755	0.20000	0.20
	28 1,2-Dichloroethene (trans)	61	7.595	7.589	(0.791)	12625	0.20000	0.21
	29 Acrylonitrile	53	7.691	7.696	(0.802)	4678	0.20000	0.22(a)
	30 n-Hexane	57	7.910	7.910	(0.824)	10985	0.20000	0.21
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	13960	0.20000	0.20
M	33 1,2-Dichloroethene,Total	61				21935	0.40000	0.42
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	9309	0.20000	0.21
	36 Methyl Ethyl Ketone	72	9.242	9.232	(0.963)	3833	0.20000	0.25(aQ)
*	37 Bromochloromethane	128	9.596	9.595	(1.000)	494516	10.0000	
	39 Chloroform	83	9.665	9.665	(1.007)	19791	0.20000	0.20
	40 Cyclohexane	84	9.927	9.916	(0.903)	10367	0.20000	0.21
	41 1,1,1-Trichloroethane	97	9.917	9.916	(0.902)	24089	0.20000	0.21
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	26576	0.20000	0.20
	43 2,2,4-Trimethylpentane	57	10.409	10.398	(0.946)	33158	0.20000	0.20
	44 Benzene	78	10.446	10.451	(0.950)	28553	0.20000	0.22
	45 1,2-Dichloroethane	62	10.559	10.558	(0.960)	15061	0.20000	0.21
	46 n-Heptane	43	10.649	10.655	(0.968)	13152	0.20000	0.21
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2392101	10.0000	
	49 Trichloroethene	95	11.350	11.355	(1.032)	12865	0.20000	0.20
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	7880	0.20000	0.20
	51 Methyl methacrylate	69	11.784	11.789	(1.071)	6709	0.20000	0.19(a)
	52 Dibromomethane	174	11.923	11.922	(1.084)	14029	0.20000	0.21
	54 Bromodichloromethane	83	12.089	12.094	(1.099)	21089	0.20000	0.20
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	14958	0.20000	0.21
	56 Methyl isobutyl ketone	43	12.896	12.891	(1.173)	13437	0.20000	0.19(a)
	57 n-Octane	43	13.132	13.137	(1.194)	17151	0.20000	0.21(a)
	58 Toluene	92	13.153	13.153	(0.870)	18522	0.20000	0.21
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	16040	0.20000	0.20
	60 1,1,2-Trichloroethane	83	13.784	13.795	(0.912)	8627	0.20000	0.20
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	20431	0.20000	0.21
	62 2-Hexanone	43	14.079	14.068	(0.931)	13728	0.20000	0.20(a)
	63 Dibromochloromethane	129	14.346	14.346	(0.949)	21278	0.20000	0.19(a)
	64 1,2-Dibromoethane	107	14.549	14.549	(0.962)	18300	0.20000	0.20
*	65 Chlorobenzene-d5	117	15.116	15.116	(1.000)	2252803	10.0000	
	66 Chlorobenzene	112	15.154	15.154	(1.002)	26715	0.20000	0.21
	67 n-Nonane	57	15.245	15.250	(1.008)	15073	0.20000	0.20
	68 Ethylbenzene	91	15.229	15.229	(1.007)	41982	0.20000	0.21
	69 Xylene (m,p)	106	15.379	15.378	(1.017)	31031	0.40000	0.41
M	70 Xylenes, Total	106				46780	0.20000	0.62
	71 Xylene (o)	106	15.892	15.892	(1.051)	15748	0.20000	0.21
	72 Styrene	104	15.914	15.919	(1.053)	19677	0.20000	0.19(a)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
73 Bromoform	173	16.202	16.202	(1.072)	20607	0.20000	0.18(a)
74 Isopropylbenzene	105	16.304	16.309	(1.079)	44799	0.20000	0.20
75 1,1,2,2-Tetrachloroethane	83	16.716	16.721	(1.106)	21770	0.20000	0.20
76 n-Propylbenzene	91	16.786	16.791	(1.110)	47858	0.20000	0.19(a)
77 1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	18977	0.20000	0.22(a)
78 n-Decane	57	16.855	16.860	(1.115)	15540	0.20000	0.17(a)
79 4-Ethyltoluene	105	16.914	16.914	(1.119)	42321	0.20000	0.19(a)
80 2-Chlorotoluene	91	16.946	16.951	(1.121)	41372	0.20000	0.20
81 1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	35147	0.20000	0.19(a)
82 Alpha Methyl Styrene	118	17.251	17.251	(1.141)	14060	0.20000	0.17(a)
83 tert-butylbenzene	119	17.353	17.352	(1.148)	34902	0.20000	0.19(a)
84 1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	34605	0.20000	0.19(a)
85 sec-Butylbenzene	105	17.609	17.609	(1.165)	48209	0.20000	0.19(a)
86 4-Isopropyltoluene	119	17.765	17.764	(1.175)	39753	0.20000	0.18(a)
87 1,3-Dichlorobenzene	146	17.823	17.828	(1.179)	27940	0.20000	0.20
88 1,4-Dichlorobenzene	146	17.936	17.941	(1.187)	26749	0.20000	0.19(a)
89 Benzyl chloride	91	18.102	18.101	(1.197)	30515	0.20000	0.19(a)
91 n-Butylbenzene	91	18.262	18.267	(1.208)	31110	0.20000	0.17(a)
92 1,2-Dichlorobenzene	146	18.417	18.422	(1.218)	26248	0.20000	0.19(a)
94 1,2,4-Trichlorobenzene	180	20.750	20.755	(1.373)	15092	0.20000	0.14(a)
95 1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	18271	0.20000	0.18(a)
96 Naphthalene	128	21.242	21.236	(1.405)	26630	0.20000	0.14(a)
97 1,2,3-Trichlorobenzene	180	21.697	21.702	(1.435)	12899	0.20000	0.17(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	gfb003.d	Date:	01-OCT-2010 01:39
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055034		
Lab Sample ID:	ic 055034		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb004.d
Lab Smp Id: ic 055033
Inj Date : 01-OCT-2010 02:27
Operator : njr Inst ID: G.i
Smp Info : ic 055033
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 02:27 Cal File: gfb004.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	69619	0.50000	0.51
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	31348	0.50000	0.52
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.379	3.384	(0.352)	57522	0.50000	0.53
5 Chloromethane	50	3.513	3.513	(0.366)	14086	0.50000	0.55
6 Butane	43	3.689	3.689	(0.385)	22647	0.50000	0.54
7 Vinyl chloride	62	3.727	3.727	(0.389)	16467	0.50000	0.54
8 1,3-Butadiene	54	3.796	3.796	(0.396)	10810	0.50000	0.52
9 Bromomethane	94	4.476	4.476	(0.467)	22207	0.50000	0.52
10 Chloroethane	64	4.700	4.700	(0.490)	8185	0.50000	0.50
11 2-Methylbutane	43	4.775	4.775	(0.498)	19689	0.50000	0.50
12 Vinyl bromide	106	5.096	5.096	(0.531)	21293	0.50000	0.49
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	73785	0.50000	0.50
14 Pentane	43	5.310	5.316	(0.554)	30897	0.50000	0.54
15 Ethanol	45	5.637	5.642	(0.588)	62407	5.00000	5.1

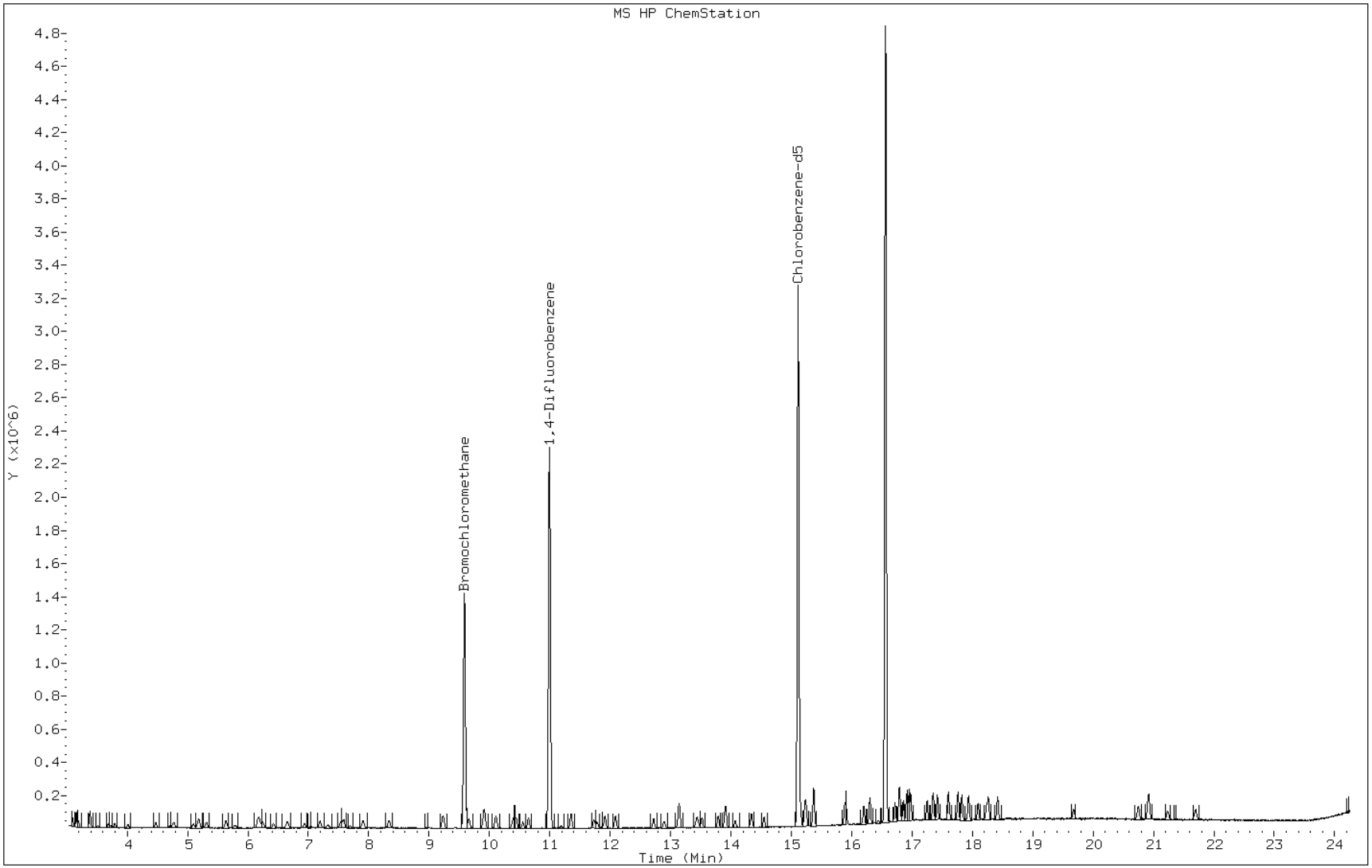
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	16 Ethyl ether	59	5.792	5.781	(0.604)	11836	0.50000	0.52
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.188	6.182	(0.645)	46115	0.50000	0.51
	19 1,1-Dichloroethene	96	6.241	6.252	(0.651)	21174	0.50000	0.53
	21 Carbon disulfide	76	6.658	6.658	(0.694)	60208	0.50000	0.52
	23 Allyl chloride	41	6.937	6.942	(0.723)	21116	0.50000	0.52
	25 Methylene chloride	49	7.193	7.199	(0.750)	28065	0.50000	0.59
	27 Methyl tert-butyl ether	73	7.546	7.541	(0.787)	57619	0.50000	0.52
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	31633	0.50000	0.51
	29 Acrylonitrile	53	7.686	7.696	(0.801)	11457	0.50000	0.52
	30 n-Hexane	57	7.910	7.910	(0.825)	26543	0.50000	0.51
	31 1,1-Dichloroethane	63	8.333	8.333	(0.869)	37636	0.50000	0.53
M	33 1,2-Dichloroethene,Total	61				54058	1.00000	1.0
	34 1,2-Dichloroethene (cis)	96	9.221	9.226	(0.962)	22424	0.50000	0.51
	36 Methyl Ethyl Ketone	72	9.242	9.232	(0.964)	8619	0.50000	0.53(Q)
*	37 Bromochloromethane	128	9.590	9.595	(1.000)	489718	10.0000	
	39 Chloroform	83	9.665	9.665	(1.008)	52596	0.50000	0.52
	40 Cyclohexane	84	9.911	9.916	(0.901)	26104	0.50000	0.51
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.902)	60161	0.50000	0.51
	42 Carbon tetrachloride	117	10.109	10.114	(0.919)	66169	0.50000	0.51
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	86891	0.50000	0.52
	44 Benzene	78	10.446	10.451	(0.950)	66364	0.50000	0.51
	45 1,2-Dichloroethane	62	10.553	10.558	(0.960)	37197	0.50000	0.51
	46 n-Heptane	43	10.649	10.655	(0.968)	31334	0.50000	0.51
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2366935	10.0000	
	49 Trichloroethene	95	11.350	11.355	(1.032)	33344	0.50000	0.52
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	21394	0.50000	0.53
	51 Methyl methacrylate	69	11.783	11.789	(1.071)	16351	0.50000	0.49(a)
	52 Dibromomethane	174	11.917	11.922	(1.084)	34822	0.50000	0.51
	54 Bromodichloromethane	83	12.088	12.094	(1.099)	54938	0.50000	0.51
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	36346	0.50000	0.50
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	33552	0.50000	0.49(a)
	57 n-Octane	43	13.132	13.137	(1.194)	44591	0.50000	0.53
	58 Toluene	92	13.148	13.153	(0.870)	48236	0.50000	0.54
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	40416	0.50000	0.51
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	23600	0.50000	0.53
	61 Tetrachloroethene	166	13.913	13.913	(0.921)	51151	0.50000	0.52
	62 2-Hexanone	43	14.073	14.068	(0.931)	31830	0.50000	0.48(a)
	63 Dibromochloromethane	129	14.341	14.346	(0.949)	54037	0.50000	0.49
	64 1,2-Dibromoethane	107	14.549	14.549	(0.963)	46386	0.50000	0.51
*	65 Chlorobenzene-d5	117	15.111	15.116	(1.000)	2216039	10.0000	
	66 Chlorobenzene	112	15.154	15.154	(1.003)	65811	0.50000	0.51
	67 n-Nonane	57	15.250	15.250	(1.009)	39994	0.50000	0.53
	68 Ethylbenzene	91	15.223	15.229	(1.007)	102930	0.50000	0.51
	69 Xylene (m,p)	106	15.373	15.378	(1.017)	76157	1.00000	1.0
M	70 Xylenes, Total	106				114456	0.50000	1.5
	71 Xylene (o)	106	15.892	15.892	(1.052)	38299	0.50000	0.51
	72 Styrene	104	15.913	15.919	(1.053)	50768	0.50000	0.49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
73 Bromoform	173	16.202	16.202	(1.072)	54584	0.50000	0.49
74 Isopropylbenzene	105	16.304	16.309	(1.079)	114509	0.50000	0.51
75 1,1,2,2-Tetrachloroethane	83	16.716	16.721	(1.106)	55412	0.50000	0.51
76 n-Propylbenzene	91	16.785	16.791	(1.111)	131540	0.50000	0.52
77 1,2,3-Trichloropropane	75	16.801	16.807	(1.112)	45574	0.50000	0.52
78 n-Decane	57	16.855	16.860	(1.115)	42649	0.50000	0.48(a)
79 4-Ethyltoluene	105	16.914	16.914	(1.119)	112272	0.50000	0.51
80 2-Chlorotoluene	91	16.946	16.951	(1.121)	108907	0.50000	0.52
81 1,3,5-Trimethylbenzene	105	16.978	16.983	(1.124)	97807	0.50000	0.52
82 Alpha Methyl Styrene	118	17.251	17.251	(1.142)	39760	0.50000	0.49
83 tert-butylbenzene	119	17.352	17.352	(1.148)	93310	0.50000	0.52
84 1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	93418	0.50000	0.51
85 sec-Butylbenzene	105	17.604	17.609	(1.165)	131840	0.50000	0.52
86 4-Isopropyltoluene	119	17.759	17.764	(1.175)	112376	0.50000	0.52
87 1,3-Dichlorobenzene	146	17.829	17.828	(1.180)	72529	0.50000	0.51
88 1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	72730	0.50000	0.52
89 Benzyl chloride	91	18.101	18.101	(1.198)	81205	0.50000	0.50
91 n-Butylbenzene	91	18.262	18.267	(1.209)	90085	0.50000	0.51
92 1,2-Dichlorobenzene	146	18.417	18.422	(1.219)	69883	0.50000	0.52
94 1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	40845	0.50000	0.44(a)
95 1,3-Hexachlorobutadiene	225	20.915	20.921	(1.384)	52839	0.50000	0.51
96 Naphthalene	128	21.236	21.236	(1.405)	65568	0.50000	0.41(a)
97 1,2,3-Trichlorobenzene	180	21.691	21.702	(1.435)	35217	0.50000	0.48

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	gfb004.d	Date:	01-OCT-2010 02:27
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055033		
Lab Sample ID:	ic 055033		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb005.d
Lab Smp Id: ic 055017
Inj Date : 01-OCT-2010 03:15
Operator : njr Inst ID: G.i
Smp Info : ic 055017
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 03:15 Cal File: gfb005.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	120617	5.00000	4.9(a)
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	694064	5.00000	5.1
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	306418	5.00000	5.1
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	494398	5.00000	4.7
5 Chloromethane	50	3.513	3.513	(0.366)	123298	5.00000	4.9
6 Butane	43	3.689	3.689	(0.385)	198823	5.00000	4.9
7 Vinyl chloride	62	3.727	3.727	(0.389)	154830	5.00000	5.1
8 1,3-Butadiene	54	3.796	3.796	(0.396)	103739	5.00000	5.1
9 Bromomethane	94	4.476	4.476	(0.467)	207928	5.00000	5.0
10 Chloroethane	64	4.701	4.700	(0.490)	84083	5.00000	5.2
11 2-Methylbutane	43	4.770	4.775	(0.497)	179400	5.00000	4.7
12 Vinyl bromide	106	5.096	5.096	(0.531)	222507	5.00000	5.2
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	728488	5.00000	5.0
14 Pentane	43	5.316	5.316	(0.554)	276785	5.00000	4.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	122731	10.0000	10
	16 Ethyl ether	59	5.787	5.781	(0.603)	113256	5.00000	5.0
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.644)	438666	5.00000	5.0
	18 Acrolein	56	6.156	6.150	(0.642)	56636	5.00000	5.1
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	191961	5.00000	4.9
	20 Acetone	43	6.423	6.423	(0.670)	282026	5.00000	5.2
	21 Carbon disulfide	76	6.659	6.658	(0.694)	580200	5.00000	5.0
	22 Isopropanol	45	6.621	6.621	(0.690)	190650	5.00000	5.1
	23 Allyl chloride	41	6.942	6.942	(0.724)	201443	5.00000	5.0
	24 Acetonitrile	41	7.038	7.033	(0.734)	101983	5.00000	5.1
	25 Methylene chloride	49	7.194	7.199	(0.750)	203734	5.00000	4.6
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	311929	5.00000	5.1
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	561113	5.00000	5.1
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	304565	5.00000	5.0
	29 Acrylonitrile	53	7.696	7.696	(0.803)	108784	5.00000	5.0
	30 n-Hexane	57	7.910	7.910	(0.825)	250722	5.00000	4.9
	31 1,1-Dichloroethane	63	8.328	8.333	(0.868)	360719	5.00000	5.1
	32 Vinyl acetate	43	8.349	8.354	(0.871)	397931	5.00000	5.1
M	33 1,2-Dichloroethene,Total	61				511557	10.0000	9.8
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	206992	5.00000	4.8
	35 Ethyl acetate	88	9.242	9.248	(0.964)	13463	5.00000	5.2
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.963)	78345	5.00000	4.9
*	37 Bromochloromethane	128	9.590	9.595	(1.000)	482270	10.0000	
	38 Tetrahydrofuran	42	9.601	9.601	(0.873)	157662	5.00000	5.1
	39 Chloroform	83	9.665	9.665	(1.008)	491980	5.00000	5.0
	40 Cyclohexane	84	9.916	9.916	(0.902)	250417	5.00000	5.0
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.902)	564438	5.00000	4.9
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	645955	5.00000	5.0
	43 2,2,4-Trimethylpentane	57	10.398	10.398	(0.946)	801030	5.00000	4.9
	44 Benzene	78	10.446	10.451	(0.950)	581561	5.00000	4.7
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	349624	5.00000	4.9
	46 n-Heptane	43	10.649	10.655	(0.968)	288895	5.00000	4.8
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2325013	10.0000	
	48 n-Butanol	56	11.190	11.184	(1.018)	75049	5.00000	5.0
	49 Trichloroethene	95	11.350	11.355	(1.032)	311584	5.00000	4.9
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	199594	5.00000	5.1
	51 Methyl methacrylate	69	11.789	11.789	(1.072)	175064	5.00000	5.2
	52 Dibromomethane	174	11.917	11.922	(1.084)	325205	5.00000	4.9
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	90882	5.00000	5.2
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	551282	5.00000	5.2
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	358996	5.00000	5.1
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	366918	5.00000	5.3
	57 n-Octane	43	13.137	13.137	(1.195)	400718	5.00000	4.9
	58 Toluene	92	13.153	13.153	(0.870)	435282	5.00000	4.9
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	390890	5.00000	5.0
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	223201	5.00000	5.0
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	483401	5.00000	4.9

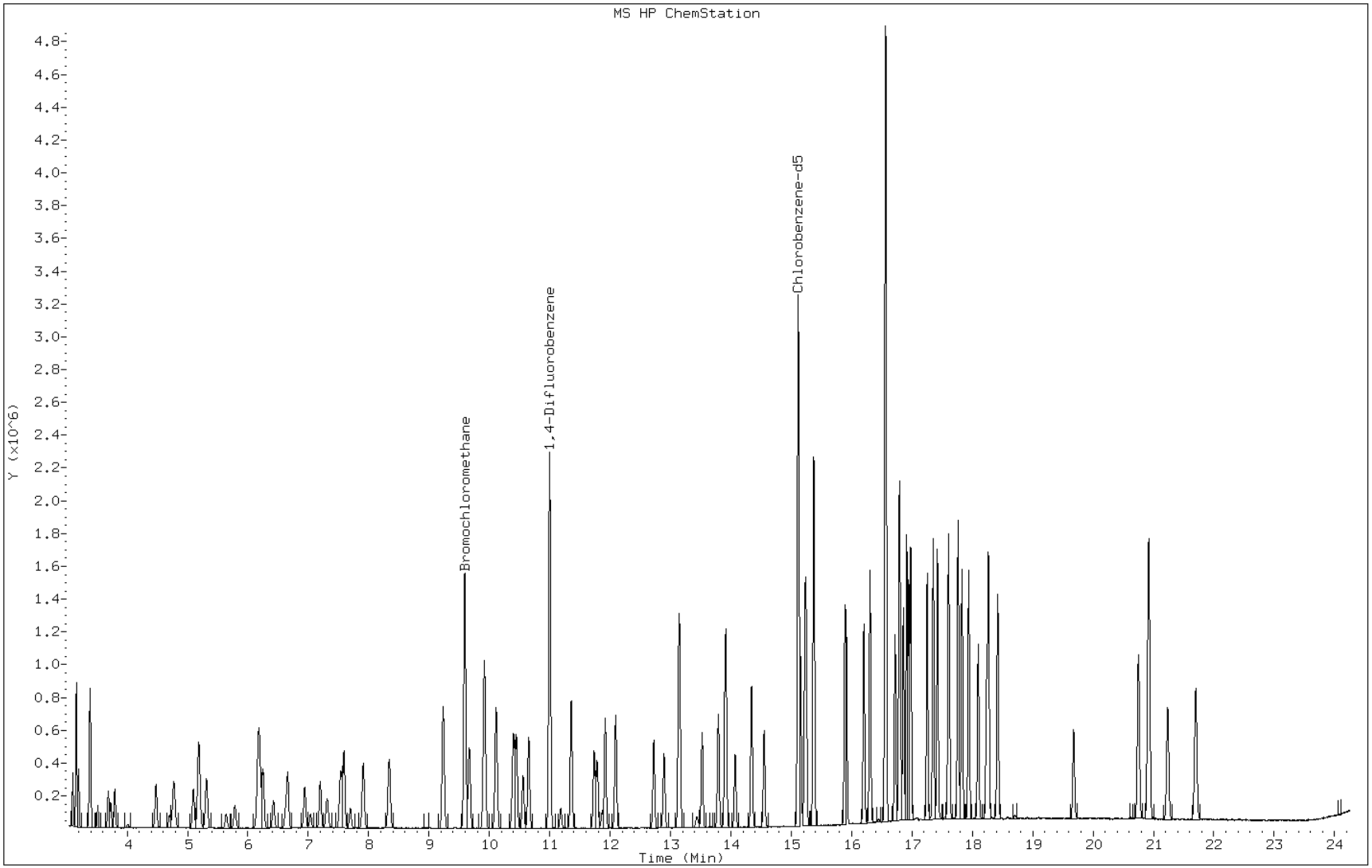
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.068	14.068	(0.931)	355929	5.00000	5.3
63	Dibromochloromethane	129	14.346	14.346	(0.949)	580900	5.00000	5.2
64	1,2-Dibromoethane	107	14.549	14.549	(0.962)	467275	5.00000	5.1
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2219023	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	631348	5.00000	4.9
67	n-Nonane	57	15.250	15.250	(1.009)	392578	5.00000	5.1
68	Ethylbenzene	91	15.229	15.229	(1.007)	987746	5.00000	4.9
69	Xylene (m,p)	106	15.379	15.378	(1.017)	761868	10.0000	10
M 70	Xylenes, Total	106				1145568	5.00000	15
71	Xylene (o)	106	15.892	15.892	(1.051)	383700	5.00000	5.1
72	Styrene	104	15.914	15.919	(1.053)	570235	5.00000	5.4
73	Bromoform	173	16.202	16.202	(1.072)	651426	5.00000	5.6
74	Isopropylbenzene	105	16.304	16.309	(1.079)	1163934	5.00000	5.2
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	582766	5.00000	5.3
76	n-Propylbenzene	91	16.786	16.791	(1.110)	1344234	5.00000	5.3
77	1,2,3-Trichloropropane	75	16.802	16.807	(1.111)	455264	5.00000	5.1
78	n-Decane	57	16.855	16.860	(1.115)	484161	5.00000	5.3
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	1185422	5.00000	5.3
80	2-Chlorotoluene	91	16.946	16.951	(1.121)	1117803	5.00000	5.2
81	1,3,5-Trimethylbenzene	105	16.978	16.983	(1.123)	1027389	5.00000	5.4
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	488625	5.00000	5.7
83	tert-butylbenzene	119	17.353	17.352	(1.148)	973012	5.00000	5.3
84	1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	1025600	5.00000	5.4
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	1422473	5.00000	5.4
86	4-Isopropyltoluene	119	17.765	17.764	(1.175)	1240899	5.00000	5.5
87	1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	761321	5.00000	5.3
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	750293	5.00000	5.3
89	Benzyl chloride	91	18.102	18.101	(1.197)	903421	5.00000	5.4
90	Undecane	57	18.230	18.235	(1.206)	314987	5.00000	5.2
91	n-Butylbenzene	91	18.267	18.267	(1.208)	1072424	5.00000	5.7
92	1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	733888	5.00000	5.3
93	Dodecane	57	19.680	19.680	(1.302)	250926	5.00000	5.3
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	536935	5.00000	5.5
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	620581	5.00000	5.7
96	Naphthalene	128	21.236	21.236	(1.405)	927230	5.00000	5.5
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	469627	5.00000	5.9

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: gfb005.d
Client ID:
Operator: njr
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 055017
Lab Sample ID: ic 055017

Date: 01-OCT-2010 03:15
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb006.d
Lab Smp Id: icis 055007
Inj Date : 01-OCT-2010 04:03
Operator : njr Inst ID: G.i
Smp Info : icis 055007
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:46 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 04:03 Cal File: gfb006.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

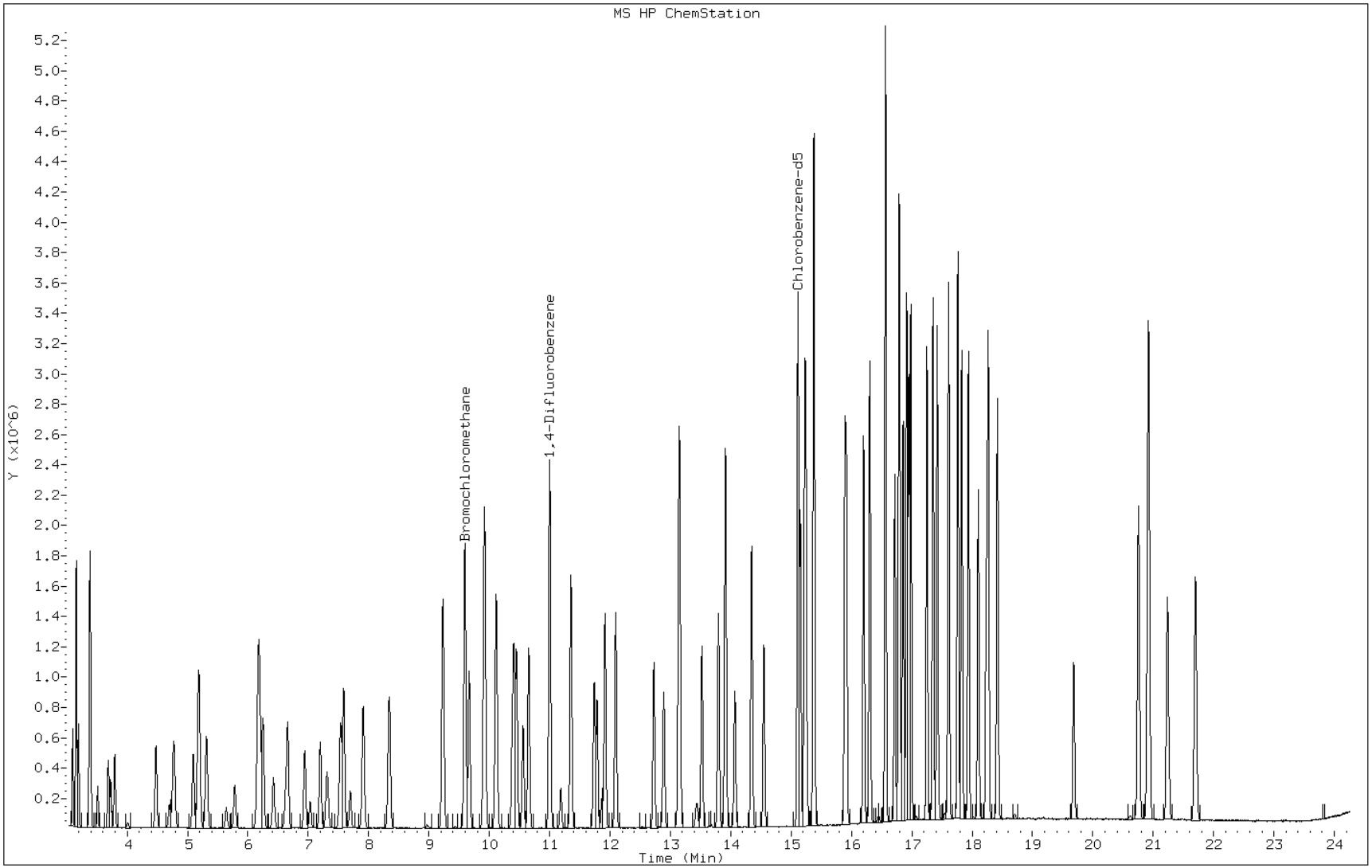
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	3.101	3.101	(0.323)	245407	10.0000	10
2	Dichlorodifluoromethane	85	3.160	3.160	(0.329)	1413330	10.0000	10
3	Chlorodifluoromethane	51	3.192	3.192	(0.333)	618679	10.0000	10
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.384	3.384	(0.353)	1055890	10.0000	10
5	Chloromethane	50	3.513	3.513	(0.366)	246101	10.0000	10
6	Butane	43	3.689	3.689	(0.384)	399930	10.0000	10
7	Vinyl chloride	62	3.727	3.727	(0.388)	320594	10.0000	10
8	1,3-Butadiene	54	3.796	3.796	(0.396)	212578	10.0000	10
9	Bromomethane	94	4.476	4.476	(0.466)	423819	10.0000	10
10	Chloroethane	64	4.700	4.700	(0.490)	169288	10.0000	10
11	2-Methylbutane	43	4.775	4.775	(0.498)	364082	10.0000	10
12	Vinyl bromide	106	5.096	5.096	(0.531)	459874	10.0000	10
13	Trichlorofluoromethane	101	5.187	5.187	(0.541)	1469931	10.0000	10
14	Pentane	43	5.316	5.316	(0.554)	563438	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	188568	15.0000	15
	16 Ethyl ether	59	5.781	5.781	(0.602)	230535	10.0000	10
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	896159	10.0000	10
	18 Acrolein	56	6.150	6.150	(0.641)	118383	10.0000	10
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	387566	10.0000	10
	20 Acetone	43	6.423	6.423	(0.669)	563522	10.0000	10
	21 Carbon disulfide	76	6.658	6.658	(0.694)	1183952	10.0000	10
	22 Isopropanol	45	6.621	6.621	(0.690)	394070	10.0000	10
	23 Allyl chloride	41	6.942	6.942	(0.723)	409432	10.0000	10
	24 Acetonitrile	41	7.033	7.033	(0.733)	211754	10.0000	10
	25 Methylene chloride	49	7.199	7.199	(0.750)	405471	10.0000	10
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	642966	10.0000	10
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	1135583	10.0000	10
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	626311	10.0000	10
	29 Acrylonitrile	53	7.696	7.696	(0.802)	224700	10.0000	10
	30 n-Hexane	57	7.910	7.910	(0.824)	523762	10.0000	10
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	744221	10.0000	10
	32 Vinyl acetate	43	8.354	8.354	(0.871)	832083	10.0000	10
M	33 1,2-Dichloroethene,Total	61				1064870	20.0000	20
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	438559	10.0000	10
	35 Ethyl acetate	88	9.248	9.248	(0.964)	27041	10.0000	10
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.962)	160503	10.0000	10
*	37 Bromochloromethane	128	9.595	9.595	(1.000)	516317	10.0000	
	38 Tetrahydrofuran	42	9.601	9.601	(0.873)	323699	10.0000	10
	39 Chloroform	83	9.665	9.665	(1.007)	1036918	10.0000	10
	40 Cyclohexane	84	9.916	9.916	(0.901)	517374	10.0000	10
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.901)	1183647	10.0000	10
	42 Carbon tetrachloride	117	10.114	10.114	(0.919)	1361057	10.0000	10
	43 2,2,4-Trimethylpentane	57	10.398	10.398	(0.945)	1698055	10.0000	10
	44 Benzene	78	10.451	10.451	(0.950)	1215705	10.0000	10
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	726342	10.0000	10
	46 n-Heptane	43	10.655	10.655	(0.968)	608400	10.0000	10
*	47 1,4-Difluorobenzene	114	11.002	11.002	(1.000)	2517085	10.0000	
	48 n-Butanol	56	11.184	11.184	(1.017)	165551	10.0000	10
	49 Trichloroethene	95	11.355	11.355	(1.032)	674438	10.0000	10
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	407284	10.0000	10
	51 Methyl methacrylate	69	11.789	11.789	(1.071)	368280	10.0000	10
	52 Dibromomethane	174	11.922	11.922	(1.084)	694369	10.0000	10
	53 1,4-Dioxane	88	11.864	11.864	(1.078)	184383	10.0000	10
	54 Bromodichloromethane	83	12.094	12.094	(1.099)	1148127	10.0000	10
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	738423	10.0000	10
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	757556	10.0000	10
	57 n-Octane	43	13.137	13.137	(1.194)	813915	10.0000	10
	58 Toluene	92	13.153	13.153	(0.870)	894180	10.0000	10
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.229)	805267	10.0000	10
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	463395	10.0000	10
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	1001695	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.068	14.068	(0.931)	734399	10.0000	10
63	Dibromochloromethane	129	14.346	14.346	(0.949)	1245571	10.0000	10
64	1,2-Dibromoethane	107	14.549	14.549	(0.962)	966485	10.0000	10
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2397842	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	1318740	10.0000	10
67	n-Nonane	57	15.250	15.250	(1.009)	801375	10.0000	10
68	Ethylbenzene	91	15.229	15.229	(1.007)	2040817	10.0000	10
69	Xylene (m,p)	106	15.378	15.378	(1.017)	1566581	20.0000	20
M 70	Xylenes, Total	106				2351689	10.0000	30
71	Xylene (o)	106	15.892	15.892	(1.051)	785108	10.0000	10
72	Styrene	104	15.919	15.919	(1.053)	1216401	10.0000	10
73	Bromoform	173	16.202	16.202	(1.072)	1358393	10.0000	10
74	Isopropylbenzene	105	16.309	16.309	(1.079)	2387612	10.0000	10
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	1176279	10.0000	10
76	n-Propylbenzene	91	16.791	16.791	(1.111)	2742134	10.0000	10
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	909436	10.0000	10
78	n-Decane	57	16.860	16.860	(1.115)	985711	10.0000	10
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	2431229	10.0000	10
80	2-Chlorotoluene	91	16.951	16.951	(1.121)	2274497	10.0000	10
81	1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	2073902	10.0000	10
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	1041436	10.0000	10
83	tert-butylbenzene	119	17.352	17.352	(1.148)	1971512	10.0000	10
84	1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	2073254	10.0000	10
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	2890372	10.0000	10
86	4-Isopropyltoluene	119	17.764	17.764	(1.175)	2529849	10.0000	10
87	1,3-Dichlorobenzene	146	17.828	17.828	(1.179)	1543943	10.0000	10
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	1521124	10.0000	10
89	Benzyl chloride	91	18.101	18.101	(1.197)	1846798	10.0000	10
90	Undecane	57	18.235	18.235	(1.206)	621610	10.0000	10
91	n-Butylbenzene	91	18.267	18.267	(1.208)	2173333	10.0000	10
92	1,2-Dichlorobenzene	146	18.422	18.422	(1.219)	1470206	10.0000	10
93	Dodecane	57	19.680	19.680	(1.302)	479538	10.0000	10
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	1113168	10.0000	10
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	1219159	10.0000	10
96	Naphthalene	128	21.236	21.236	(1.405)	2010387	10.0000	10
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	952388	10.0000	10

Data File: gfb006.d
Client ID:
Operator: njr
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 055007
Lab Sample ID: icis 055007

Date: 01-OCT-2010 04:03
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb007.d
Lab Smp Id: ic 055003
Inj Date : 01-OCT-2010 04:52
Operator : njr Inst ID: G.i
Smp Info : ic 055003
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 04:52 Cal File: gfb007.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

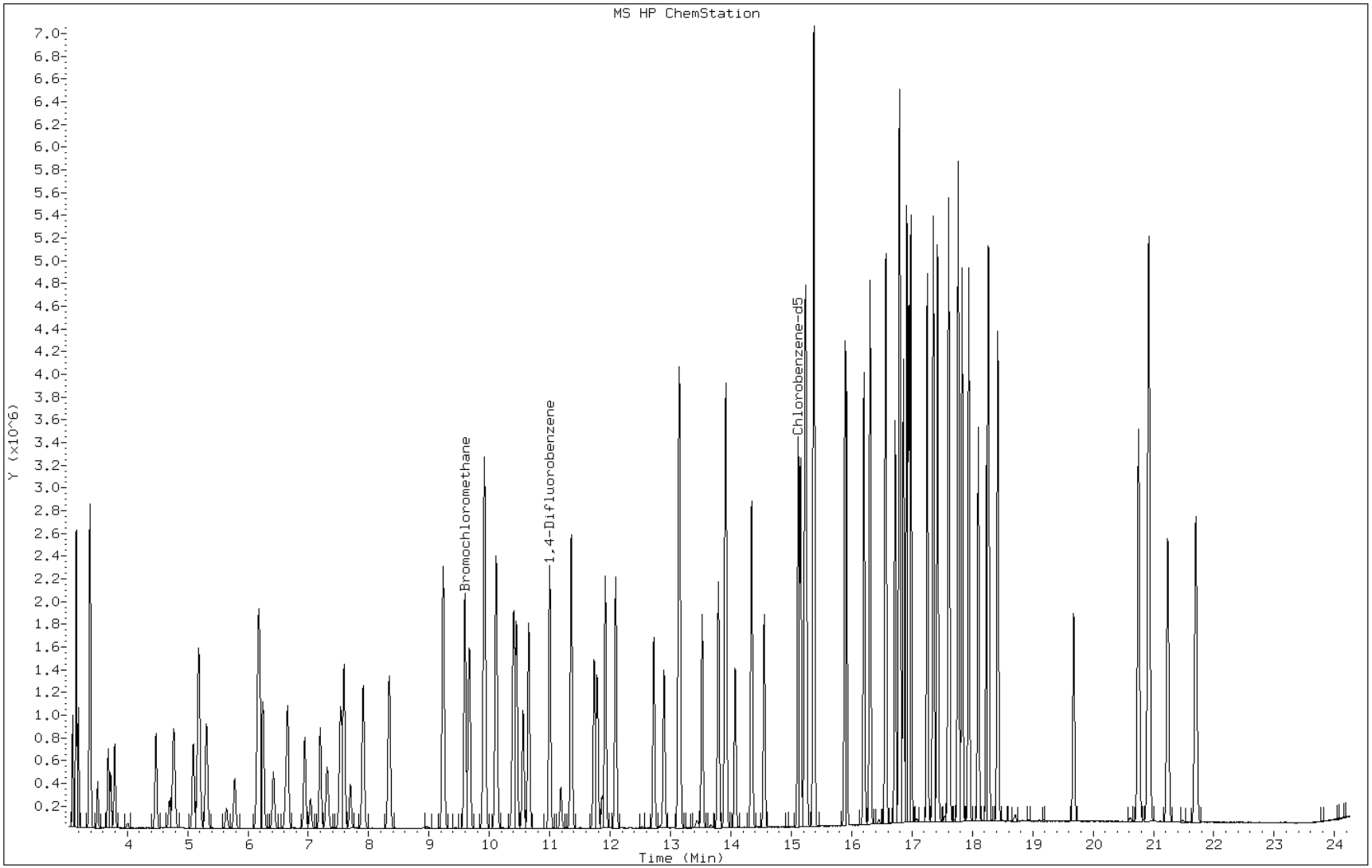
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.096	3.101	(0.323)	373046	15.0000	14
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	2154062	15.0000	15
3 Chlorodifluoromethane	51	3.192	3.192	(0.333)	949293	15.0000	15
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.379	3.384	(0.352)	1682460	15.0000	15
5 Chloromethane	50	3.513	3.513	(0.366)	378119	15.0000	14
6 Butane	43	3.689	3.689	(0.384)	617449	15.0000	15
7 Vinyl chloride	62	3.727	3.727	(0.388)	491914	15.0000	15
8 1,3-Butadiene	54	3.796	3.796	(0.396)	322955	15.0000	15
9 Bromomethane	94	4.476	4.476	(0.466)	653749	15.0000	15
10 Chloroethane	64	4.700	4.700	(0.490)	264556	15.0000	15
11 2-Methylbutane	43	4.775	4.775	(0.498)	555528	15.0000	14
12 Vinyl bromide	106	5.096	5.096	(0.531)	696181	15.0000	15
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	2238052	15.0000	15
14 Pentane	43	5.316	5.316	(0.554)	867644	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	257095	20.0000	20
	16 Ethyl ether	59	5.781	5.781	(0.602)	363593	15.0000	15
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	1394471	15.0000	15
	18 Acrolein	56	6.150	6.150	(0.641)	187804	15.0000	16
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	605001	15.0000	15
	20 Acetone	43	6.423	6.423	(0.669)	835252	15.0000	15
	21 Carbon disulfide	76	6.658	6.658	(0.694)	1824642	15.0000	15
	22 Isopropanol	45	6.626	6.621	(0.691)	573656	15.0000	15
	23 Allyl chloride	41	6.947	6.942	(0.724)	648159	15.0000	15
	24 Acetonitrile	41	7.038	7.033	(0.734)	317198	15.0000	15
	25 Methylene chloride	49	7.199	7.199	(0.750)	629466	15.0000	14
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	949850	15.0000	15
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	1749076	15.0000	15
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	967461	15.0000	15
	29 Acrylonitrile	53	7.696	7.696	(0.802)	344006	15.0000	15
	30 n-Hexane	57	7.910	7.910	(0.824)	819178	15.0000	15
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	1153885	15.0000	15
	32 Vinyl acetate	43	8.349	8.354	(0.870)	1282334	15.0000	15
M	33 1,2-Dichloroethene,Total	61				1654696	30.0000	30
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	687234	15.0000	15
	35 Ethyl acetate	88	9.248	9.248	(0.964)	42429	15.0000	15
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.962)	246517	15.0000	15
*	37 Bromochloromethane	128	9.595	9.595	(1.000)	506911	10.0000	
	38 Tetrahydrofuran	42	9.601	9.601	(0.873)	487124	15.0000	15
	39 Chloroform	83	9.665	9.665	(1.007)	1608012	15.0000	15
	40 Cyclohexane	84	9.916	9.916	(0.902)	808120	15.0000	16
	41 1,1,1-Trichloroethane	97	9.916	9.916	(0.902)	1854558	15.0000	16
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	2125536	15.0000	16
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	2649436	15.0000	16
	44 Benzene	78	10.451	10.451	(0.950)	1896062	15.0000	15
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	1116178	15.0000	15
	46 n-Heptane	43	10.655	10.655	(0.969)	943533	15.0000	15
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2407224	10.0000	
	48 n-Butanol	56	11.184	11.184	(1.017)	230566	15.0000	15
	49 Trichloroethene	95	11.355	11.355	(1.033)	1053145	15.0000	16
	50 1,2-Dichloropropane	63	11.735	11.735	(1.067)	638886	15.0000	16
	51 Methyl methacrylate	69	11.783	11.789	(1.071)	577816	15.0000	16
	52 Dibromomethane	174	11.923	11.922	(1.084)	1085783	15.0000	16
	53 1,4-Dioxane	88	11.864	11.864	(1.079)	267603	15.0000	15
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	1788614	15.0000	16
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	1161979	15.0000	16
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	1164777	15.0000	16
	57 n-Octane	43	13.137	13.137	(1.195)	1264989	15.0000	15
	58 Toluene	92	13.153	13.153	(0.870)	1391249	15.0000	15
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	1276350	15.0000	16
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	717989	15.0000	15
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	1561054	15.0000	15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.068	14.068	(0.931)	1142380	15.0000	16
63	Dibromochloromethane	129	14.346	14.346	(0.949)	1947445	15.0000	16
64	1,2-Dibromoethane	107	14.549	14.549	(0.962)	1512090	15.0000	16
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2336643	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	2062266	15.0000	15
67	n-Nonane	57	15.250	15.250	(1.009)	1234796	15.0000	15
68	Ethylbenzene	91	15.229	15.229	(1.007)	3195886	15.0000	15
69	Xylene (m,p)	106	15.378	15.378	(1.017)	2450256	30.0000	31
M 70	Xylenes, Total	106				3677694	15.0000	46
71	Xylene (o)	106	15.892	15.892	(1.051)	1227437	15.0000	15
72	Styrene	104	15.919	15.919	(1.053)	1923343	15.0000	17
73	Bromoform	173	16.202	16.202	(1.072)	2142677	15.0000	17
74	Isopropylbenzene	105	16.304	16.309	(1.079)	3747851	15.0000	16
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	1824043	15.0000	15
76	n-Propylbenzene	91	16.785	16.791	(1.110)	4295651	15.0000	16
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	1411891	15.0000	15
78	n-Decane	57	16.860	16.860	(1.115)	1537728	15.0000	16
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	3811475	15.0000	16
80	2-Chlorotoluene	91	16.946	16.951	(1.121)	3555343	15.0000	16
81	1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	3282255	15.0000	16
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	1638310	15.0000	17
83	tert-butylbenzene	119	17.353	17.352	(1.148)	3092265	15.0000	16
84	1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	3274749	15.0000	16
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	4510861	15.0000	16
86	4-Isopropyltoluene	119	17.764	17.764	(1.175)	3995236	15.0000	16
87	1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	2444187	15.0000	16
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	2432668	15.0000	16
89	Benzyl chloride	91	18.101	18.101	(1.197)	2923554	15.0000	16
90	Undecane	57	18.235	18.235	(1.206)	1217396	15.0000	18
91	n-Butylbenzene	91	18.267	18.267	(1.208)	3435856	15.0000	17
92	1,2-Dichlorobenzene	146	18.422	18.422	(1.219)	2326844	15.0000	16
93	Dodecane	57	19.680	19.680	(1.302)	858267	15.0000	16
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	1867870	15.0000	17
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	1908264	15.0000	16
96	Naphthalene	128	21.236	21.236	(1.405)	3420405	15.0000	18
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	1615324	15.0000	18

Data File:	gfb007.d	Date:	01-OCT-2010 04:52
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055003		
Lab Sample ID:	ic 055003		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb008.d
Lab Smp Id: ic 055000
Inj Date : 01-OCT-2010 05:40
Operator : njr Inst ID: G.i
Smp Info : ic 055000
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 05:40 Cal File: gfb008.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

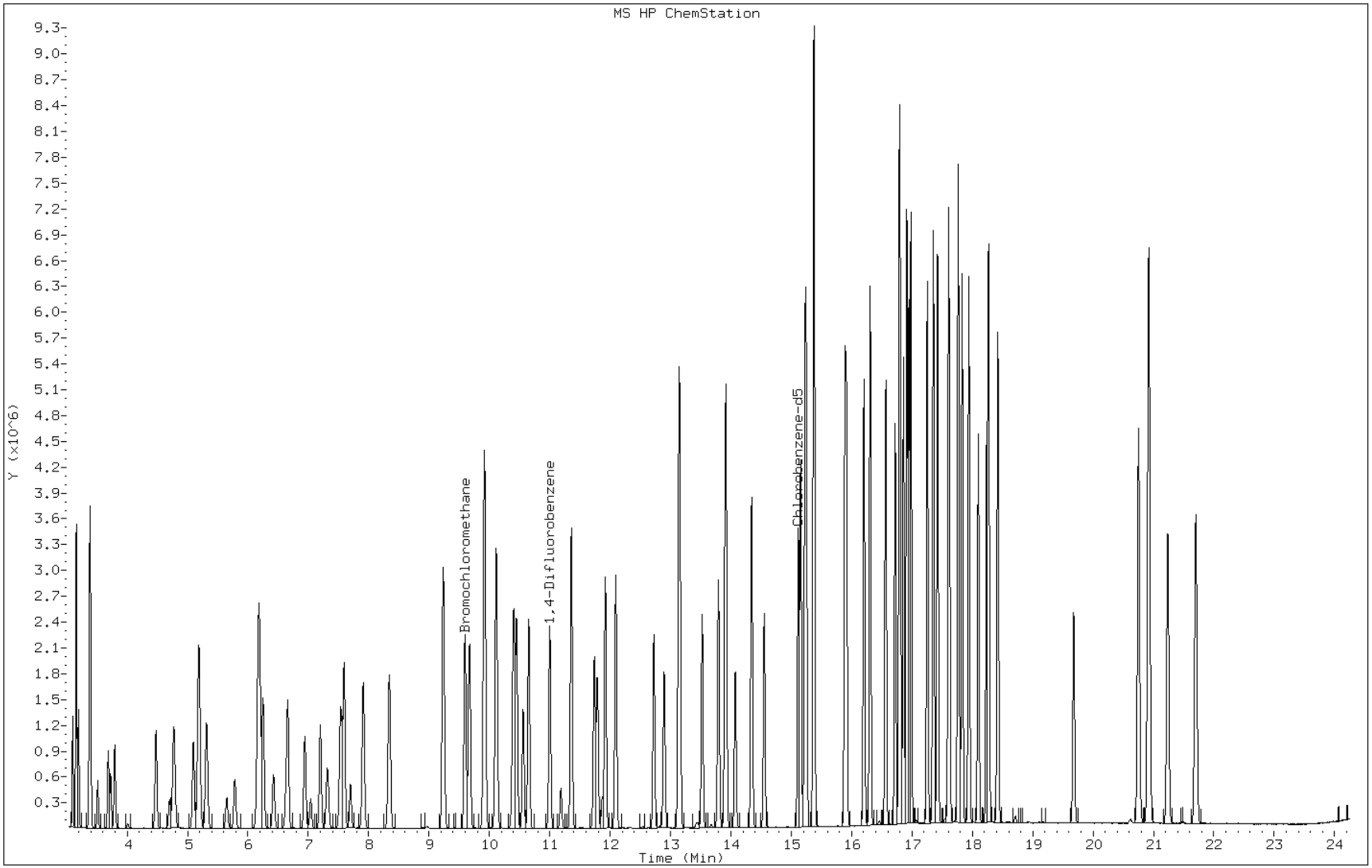
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	497111	20.0000	19
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	2862616	20.0000	20
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	1251820	20.0000	20
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	2187198	20.0000	20
5 Chloromethane	50	3.513	3.513	(0.366)	504197	20.0000	19
6 Butane	43	3.689	3.689	(0.384)	803097	20.0000	19
7 Vinyl chloride	62	3.727	3.727	(0.388)	637214	20.0000	20
8 1,3-Butadiene	54	3.796	3.796	(0.396)	424129	20.0000	19
9 Bromomethane	94	4.476	4.476	(0.466)	900420	20.0000	20
10 Chloroethane	64	4.706	4.700	(0.490)	362191	20.0000	21
11 2-Methylbutane	43	4.775	4.775	(0.498)	743839	20.0000	19
12 Vinyl bromide	106	5.096	5.096	(0.531)	938008	20.0000	20
13 Trichlorofluoromethane	101	5.187	5.187	(0.541)	3014876	20.0000	20
14 Pentane	43	5.316	5.316	(0.554)	1147495	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.653	5.642	(0.589)	521288	40.0000	40
	16 Ethyl ether	59	5.787	5.781	(0.603)	476743	20.0000	20
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.644)	1893780	20.0000	20
	18 Acrolein	56	6.150	6.150	(0.641)	241284	20.0000	20
	19 1,1-Dichloroethene	96	6.247	6.252	(0.651)	809675	20.0000	20
	20 Acetone	43	6.428	6.423	(0.670)	1076311	20.0000	19
	21 Carbon disulfide	76	6.659	6.658	(0.694)	2473231	20.0000	20
	22 Isopropanol	45	6.632	6.621	(0.691)	750718	20.0000	19
	23 Allyl chloride	41	6.942	6.942	(0.723)	870443	20.0000	20
	24 Acetonitrile	41	7.038	7.033	(0.734)	416060	20.0000	20
	25 Methylene chloride	49	7.199	7.199	(0.750)	849339	20.0000	19
	26 Tert-butyl alcohol	59	7.317	7.311	(0.762)	1242301	20.0000	19
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.786)	2314289	20.0000	20
	28 1,2-Dichloroethene (trans)	61	7.595	7.589	(0.791)	1307913	20.0000	20
	29 Acrylonitrile	53	7.702	7.696	(0.803)	455224	20.0000	20
	30 n-Hexane	57	7.910	7.910	(0.824)	1116343	20.0000	20
	31 1,1-Dichloroethane	63	8.333	8.333	(0.868)	1563036	20.0000	20
	32 Vinyl acetate	43	8.354	8.354	(0.871)	1687125	20.0000	20
M	33 1,2-Dichloroethene,Total	61				2247884	40.0000	40
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	939970	20.0000	20
	35 Ethyl acetate	88	9.248	9.248	(0.964)	55390	20.0000	20
	36 Methyl Ethyl Ketone	72	9.237	9.232	(0.963)	326320	20.0000	19
*	37 Bromochloromethane	128	9.596	9.595	(1.000)	515852	10.0000	
	38 Tetrahydrofuran	42	9.606	9.601	(0.874)	649152	20.0000	20
	39 Chloroform	83	9.670	9.665	(1.008)	2171371	20.0000	20
	40 Cyclohexane	84	9.916	9.916	(0.902)	1093073	20.0000	21
	41 1,1,1-Trichloroethane	97	9.922	9.916	(0.902)	2505426	20.0000	21
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	2900754	20.0000	21
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	3559821	20.0000	21
	44 Benzene	78	10.451	10.451	(0.950)	2567948	20.0000	20
	45 1,2-Dichloroethane	62	10.558	10.558	(0.960)	1496829	20.0000	20
	46 n-Heptane	43	10.655	10.655	(0.969)	1260358	20.0000	20
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2444665	10.0000	
	48 n-Butanol	56	11.190	11.184	(1.018)	300075	20.0000	19
	49 Trichloroethene	95	11.356	11.355	(1.033)	1422598	20.0000	21
	50 1,2-Dichloropropane	63	11.741	11.735	(1.068)	846015	20.0000	20
	51 Methyl methacrylate	69	11.789	11.789	(1.072)	767415	20.0000	21
	52 Dibromomethane	174	11.923	11.922	(1.084)	1464921	20.0000	21
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	342889	20.0000	19
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	2391251	20.0000	21
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	1558576	20.0000	21
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	1516558	20.0000	20
	57 n-Octane	43	13.137	13.137	(1.195)	1662465	20.0000	19
	58 Toluene	92	13.153	13.153	(0.870)	1851115	20.0000	20
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	1700727	20.0000	21
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	958876	20.0000	20
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	2089468	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.073	14.068	(0.931)	1479612	20.0000	20
63	Dibromochloromethane	129	14.346	14.346	(0.949)	2623930	20.0000	21
64	1,2-Dibromoethane	107	14.555	14.549	(0.963)	2031157	20.0000	20
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2372719	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	2773344	20.0000	20
67	n-Nonane	57	15.250	15.250	(1.009)	1636636	20.0000	20
68	Ethylbenzene	91	15.229	15.229	(1.007)	4245691	20.0000	20
69	Xylene (m,p)	106	15.379	15.378	(1.017)	3249512	40.0000	40
M 70	Xylenes, Total	106				4868577	20.0000	60
71	Xylene (o)	106	15.892	15.892	(1.051)	1619065	20.0000	20
72	Styrene	104	15.919	15.919	(1.053)	2575899	20.0000	22
73	Bromoform	173	16.202	16.202	(1.072)	2875262	20.0000	22
74	Isopropylbenzene	105	16.309	16.309	(1.079)	4963287	20.0000	20
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	2395093	20.0000	20
76	n-Propylbenzene	91	16.791	16.791	(1.111)	5700366	20.0000	21
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	1850985	20.0000	20
78	n-Decane	57	16.860	16.860	(1.115)	2048318	20.0000	21
79	4-Ethyltoluene	105	16.914	16.914	(1.119)	5074883	20.0000	21
80	2-Chlorotoluene	91	16.951	16.951	(1.121)	4696931	20.0000	20
81	1,3,5-Trimethylbenzene	105	16.983	16.983	(1.123)	4357916	20.0000	21
82	Alpha Methyl Styrene	118	17.251	17.251	(1.141)	2188695	20.0000	22
83	tert-butylbenzene	119	17.353	17.352	(1.148)	4094984	20.0000	20
84	1,2,4-Trimethylbenzene	105	17.427	17.422	(1.153)	4326742	20.0000	21
85	sec-Butylbenzene	105	17.609	17.609	(1.165)	5989932	20.0000	21
86	4-Isopropyltoluene	119	17.765	17.764	(1.175)	5279163	20.0000	21
87	1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	3249977	20.0000	21
88	1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	3222274	20.0000	21
89	Benzyl chloride	91	18.102	18.101	(1.197)	3897711	20.0000	21
90	Undecane	57	18.235	18.235	(1.206)	1748763	20.0000	23
91	n-Butylbenzene	91	18.267	18.267	(1.208)	4500690	20.0000	21
92	1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	3061607	20.0000	20
93	Dodecane	57	19.680	19.680	(1.302)	1135830	20.0000	21
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	2495101	20.0000	22
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	2490430	20.0000	21
96	Naphthalene	128	21.242	21.236	(1.405)	4663794	20.0000	23
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	2140062	20.0000	23

Data File:	gfb008.d	Date:	01-OCT-2010 05:40
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 055000		
Lab Sample ID:	ic 055000		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb009.d
Lab Smp Id: ic 054999
Inj Date : 01-OCT-2010 09:30
Operator : njr Inst ID: G.i
Smp Info : ic 054999
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	1005928	40.0000	39
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	5644022	40.0000	39
3 Chlorodifluoromethane	51	3.197	3.192	(0.333)	2493584	40.0000	39
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.385	3.384	(0.353)	4086852	40.0000	37
5 Chloromethane	50	3.513	3.513	(0.366)	1006569	40.0000	38
6 Butane	43	3.689	3.689	(0.384)	1567128	40.0000	37
7 Vinyl chloride	62	3.732	3.727	(0.389)	1252819	40.0000	38
8 1,3-Butadiene	54	3.802	3.796	(0.396)	831949	40.0000	38
9 Bromomethane	94	4.476	4.476	(0.466)	1653881	40.0000	37
10 Chloroethane	64	4.706	4.700	(0.490)	680167	40.0000	39
11 2-Methylbutane	43	4.776	4.775	(0.497)	1401415	40.0000	36
12 Vinyl bromide	106	5.096	5.096	(0.531)	1780834	40.0000	38
13 Trichlorofluoromethane	101	5.187	5.187	(0.540)	5651574	40.0000	37
14 Pentane	43	5.321	5.316	(0.554)	2153193	40.0000	37

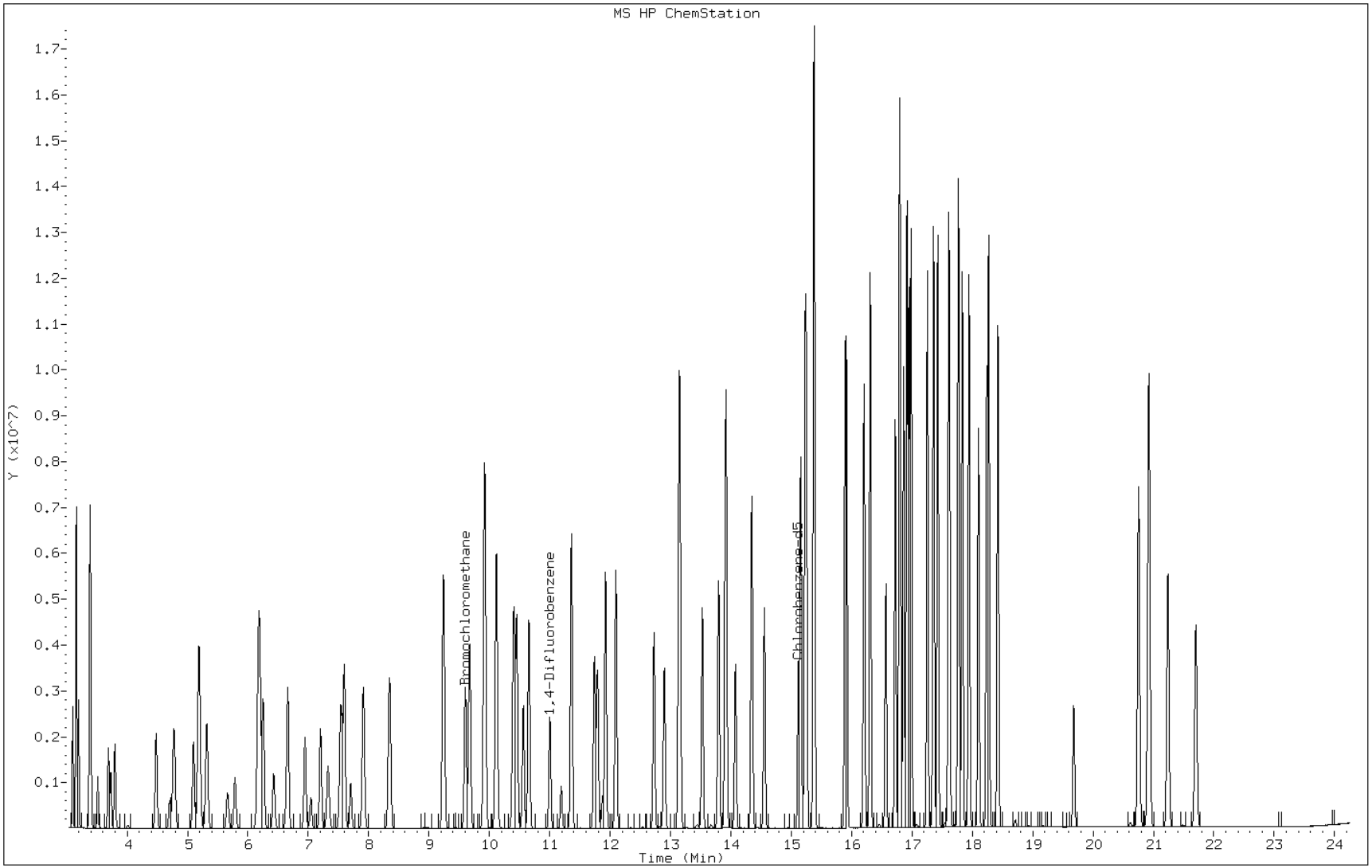
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.664	5.642	(0.590)	1224666	100.000	95
	16 Ethyl ether	59	5.787	5.781	(0.603)	913785	40.0000	38
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.188	6.182	(0.644)	3464426	40.0000	37
	18 Acrolein	56	6.156	6.150	(0.641)	471161	40.0000	39
	19 1,1-Dichloroethene	96	6.252	6.252	(0.651)	1525536	40.0000	37
	20 Acetone	43	6.429	6.423	(0.670)	2085605	40.0000	37
	21 Carbon disulfide	76	6.664	6.658	(0.694)	4754110	40.0000	39
	22 Isopropanol	45	6.643	6.621	(0.692)	1412556	40.0000	37
	23 Allyl chloride	41	6.947	6.942	(0.724)	1641982	40.0000	38
	24 Acetonitrile	41	7.044	7.033	(0.734)	812729	40.0000	38
	25 Methylene chloride	49	7.199	7.199	(0.750)	1574349	40.0000	35
	26 Tert-butyl alcohol	59	7.327	7.311	(0.763)	2393806	40.0000	38
	27 Methyl tert-butyl ether	73	7.541	7.541	(0.785)	4486240	40.0000	38
	28 1,2-Dichloroethene (trans)	61	7.595	7.589	(0.791)	2419863	40.0000	37
	29 Acrylonitrile	53	7.702	7.696	(0.802)	900465	40.0000	39
	30 n-Hexane	57	7.916	7.910	(0.824)	2060812	40.0000	38
	31 1,1-Dichloroethane	63	8.338	8.333	(0.868)	2918739	40.0000	38
	32 Vinyl acetate	43	8.360	8.354	(0.871)	3294709	40.0000	39
M	33 1,2-Dichloroethene,Total	61				4159786	80.0000	75
	34 1,2-Dichloroethene (cis)	96	9.232	9.226	(0.962)	1739922	40.0000	38
	35 Ethyl acetate	88	9.253	9.248	(0.964)	107970	40.0000	39
	36 Methyl Ethyl Ketone	72	9.242	9.232	(0.963)	617019	40.0000	37
*	37 Bromochloromethane	128	9.601	9.595	(1.000)	518575	10.0000	
	38 Tetrahydrofuran	42	9.606	9.601	(0.873)	1254949	40.0000	38
	39 Chloroform	83	9.670	9.665	(1.007)	4093850	40.0000	38
	40 Cyclohexane	84	9.922	9.916	(0.902)	1996428	40.0000	37
	41 1,1,1-Trichloroethane	97	9.922	9.916	(0.902)	4650814	40.0000	38
	42 Carbon tetrachloride	117	10.120	10.114	(0.920)	5387784	40.0000	39
	43 2,2,4-Trimethylpentane	57	10.403	10.398	(0.946)	6806707	40.0000	39
	44 Benzene	78	10.452	10.451	(0.950)	4927186	40.0000	38
	45 1,2-Dichloroethane	62	10.564	10.558	(0.960)	2904127	40.0000	38
	46 n-Heptane	43	10.655	10.655	(0.968)	2382841	40.0000	37
*	47 1,4-Difluorobenzene	114	11.003	11.002	(1.000)	2487786	10.0000	
	48 n-Butanol	56	11.195	11.184	(1.018)	600759	40.0000	38
	49 Trichloroethene	95	11.356	11.355	(1.032)	2672514	40.0000	39
	50 1,2-Dichloropropane	63	11.741	11.735	(1.067)	1630685	40.0000	38
	51 Methyl methacrylate	69	11.789	11.789	(1.071)	1506662	40.0000	40(A)
	52 Dibromomethane	174	11.923	11.922	(1.084)	2773313	40.0000	39
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	651487	40.0000	36
	54 Bromodichloromethane	83	12.094	12.094	(1.099)	4620921	40.0000	40
	55 1,3-Dichloropropene (cis)	75	12.730	12.725	(1.157)	3023120	40.0000	39
	56 Methyl isobutyl ketone	43	12.896	12.891	(1.172)	2982519	40.0000	39
	57 n-Octane	43	13.137	13.137	(1.194)	3108561	40.0000	36
	58 Toluene	92	13.158	13.153	(0.870)	3529811	40.0000	37
	59 1,3-Dichloropropene (trans)	75	13.528	13.522	(1.229)	3319564	40.0000	39
	60 1,1,2-Trichloroethane	83	13.800	13.795	(0.913)	1835512	40.0000	38
	61 Tetrachloroethene	166	13.918	13.913	(0.921)	3963514	40.0000	37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
62	2-Hexanone	43	14.073	14.068	(0.931)	2949258	40.0000	39
63	Dibromochloromethane	129	14.346	14.346	(0.949)	5090117	40.0000	40(A)
64	1,2-Dibromoethane	107	14.555	14.549	(0.963)	3924255	40.0000	39
* 65	Chlorobenzene-d5	117	15.116	15.116	(1.000)	2434528	10.0000	
66	Chlorobenzene	112	15.154	15.154	(1.002)	5373729	40.0000	38
67	n-Nonane	57	15.250	15.250	(1.009)	3105595	40.0000	37
68	Ethylbenzene	91	15.229	15.229	(1.007)	8163504	40.0000	38
69	Xylene (m,p)	106	15.379	15.378	(1.017)	6275143	80.0000	76
M 70	Xylenes, Total	106				9367717	40.0000	110
71	Xylene (o)	106	15.892	15.892	(1.051)	3092573	40.0000	37
72	Styrene	104	15.919	15.919	(1.053)	5022047	40.0000	41(A)
73	Bromoform	173	16.208	16.202	(1.072)	5564344	40.0000	41(A)
74	Isopropylbenzene	105	16.309	16.309	(1.079)	9665638	40.0000	39
75	1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	4610968	40.0000	38
76	n-Propylbenzene	91	16.791	16.791	(1.111)	10810542	40.0000	38
77	1,2,3-Trichloropropane	75	16.807	16.807	(1.112)	3537415	40.0000	37
78	n-Decane	57	16.860	16.860	(1.115)	3932777	40.0000	39
79	4-Ethyltoluene	105	16.919	16.914	(1.119)	9827233	40.0000	39
80	2-Chlorotoluene	91	16.951	16.951	(1.121)	9112446	40.0000	39
81	1,3,5-Trimethylbenzene	105	16.989	16.983	(1.124)	8441270	40.0000	39
82	Alpha Methyl Styrene	118	17.256	17.251	(1.142)	4295368	40.0000	42(A)
83	tert-butylbenzene	119	17.358	17.352	(1.148)	7927116	40.0000	39
84	1,2,4-Trimethylbenzene	105	17.428	17.422	(1.153)	8433694	40.0000	40
85	sec-Butylbenzene	105	17.615	17.609	(1.165)	11496632	40.0000	39
86	4-Isopropyltoluene	119	17.770	17.764	(1.176)	10274436	40.0000	40(A)
87	1,3-Dichlorobenzene	146	17.834	17.828	(1.180)	6279394	40.0000	39
88	1,4-Dichlorobenzene	146	17.946	17.941	(1.187)	6267573	40.0000	39
89	Benzyl chloride	91	18.102	18.101	(1.197)	7673623	40.0000	41(A)
90	Undecane	57	18.235	18.235	(1.206)	3945423	40.0000	49(A)
91	n-Butylbenzene	91	18.267	18.267	(1.208)	8636418	40.0000	40(A)
92	1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	5957159	40.0000	39
93	Dodecane	57	19.680	19.680	(1.302)	1238587	40.0000	25
94	1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	4044894	40.0000	36
95	1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	3680282	40.0000	31
96	Naphthalene	128	21.242	21.236	(1.405)	7702589	40.0000	38
97	1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	2625313	40.0000	29

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File:	gfb009.d	Date:	01-OCT-2010 09:30
Client ID:		Instrument:	G.i
Operator:	njr	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 054999		
Lab Sample ID:	ic 054999		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: ICV 200-7345/12 Calibration Date: 10/01/2010 12:18

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfb012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5002	0.4937		9.87	10.0	-1.3	30.0
Dichlorodifluoromethane	Ave	2.798	2.883		10.3	10.0	3.1	30.0
Freon 22	Ave	1.236	1.269		10.3	10.0	2.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.139	2.205		10.3	10.0	3.1	30.0
Chloromethane	Ave	0.5057	0.5145		10.2	10.0	1.7	30.0
n-Butane	Ave	0.8117	0.7886		9.71	10.0	-2.8	30.0
Vinyl chloride	Ave	0.6276	0.6419		10.2	10.0	2.3	30.0
1,3-Butadiene	Ave	0.4200	0.4396		10.5	10.0	4.7	30.0
Bromomethane	Ave	0.8557	0.8864		10.4	10.0	3.6	30.0
Chloroethane	Ave	0.3396	0.3590		10.6	10.0	5.7	30.0
Isopentane	Ave	0.7559	0.7580		10.0	10.0	0.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8948	0.9540		10.7	10.0	6.6	30.0
Trichlorofluoromethane	Ave	2.942	3.000		10.2	10.0	2.0	30.0
n-Pentane	Ave	1.132	1.131		9.99	10.0	-0.0	30.0
Ethanol	Ave	0.2492	0.2133		12.9	15.0	-14.4	30.0
Ethyl ether	Ave	0.4641	0.4550		9.80	10.0	-2.0	30.0
Acrolein	Ave	0.2344	0.2065		8.80	10.0	-11.9	30.0
Freon TF	Ave	1.807	2.072		11.5	10.0	14.7	30.0
1,1-Dichloroethene	Ave	0.7909	0.9074		11.5	10.0	14.7	30.0
Acetone	Ave	1.082	1.059		9.79	10.0	-2.1	30.0
Isopropyl alcohol	Ave	0.7434	0.7684		10.3	10.0	3.4	30.0
Carbon disulfide	Ave	2.374	2.499		10.5	10.0	5.2	30.0
3-Chloropropene	Ave	0.8312	0.8990		10.8	10.0	8.2	30.0
Acetonitrile	Ave	0.4091	0.4293		10.5	10.0	4.9	30.0
Methylene Chloride	Ave	0.8644	0.9307		10.8	10.0	7.7	30.0
tert-Butyl alcohol	Ave	1.229	1.218		9.91	10.0	-0.9	30.0
Methyl tert-butyl ether	Ave	2.269	2.328		10.3	10.0	2.6	30.0
trans-1,2-Dichloroethene	Ave	1.250	1.335		10.7	10.0	6.8	30.0
n-Hexane	Ave	1.057	1.143		10.8	10.0	8.0	30.0
1,1-Dichloroethane	Ave	1.475	1.586		10.8	10.0	7.5	30.0
Vinyl acetate	Ave	1.634	1.665		10.2	10.0	1.9	30.0
cis-1,2-Dichloroethene	Ave	0.8884	0.9828		11.1	10.0	10.6	30.0
Methyl Ethyl Ketone	Ave	0.3210	0.3266		10.2	10.0	1.8	30.0
Ethyl acetate	Ave	0.0539	0.0559		10.4	10.0	3.6	30.0
Tetrahydrofuran	Ave	0.1316	0.1383		10.5	10.0	5.1	30.0
Chloroform	Ave	2.056	2.205		10.7	10.0	7.2	30.0
1,1,1-Trichloroethane	Ave	0.4944	0.5314		10.7	10.0	7.5	30.0
Cyclohexane	Ave	0.2152	0.2360		11.0	10.0	9.7	30.0
Carbon tetrachloride	Ave	0.5621	0.5981		10.6	10.0	6.4	30.0
2,2,4-Trimethylpentane	Ave	0.7053	0.7776		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: ICV 200-7345/12 Calibration Date: 10/01/2010 12:18

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfb012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5266	0.5462		10.4	10.0	3.7	30.0
1,2-Dichloroethane	Ave	0.3036	0.3174		10.4	10.0	4.5	30.0
n-Heptane	Ave	0.2555	0.2742		10.7	10.0	7.3	30.0
Trichloroethene	Ave	0.2768	0.3020		10.9	10.0	9.1	30.0
1,2-Dichloropropane	Ave	0.1704	0.1763		10.3	10.0	3.5	30.0
Methyl methacrylate	Ave	0.1506	0.1542		10.2	10.0	2.4	30.0
1,4-Dioxane	Ave	0.0722	0.0705		9.75	10.0	-2.5	30.0
Dibromomethane	Ave	0.2889	0.3081		10.7	10.0	6.7	30.0
Bromodichloromethane	Ave	0.4692	0.5117		10.9	10.0	9.1	30.0
cis-1,3-Dichloropropene	Ave	0.3095	0.3139		10.1	10.0	1.4	30.0
methyl isobutyl ketone	Ave	0.3054	0.3207		10.5	10.0	5.0	30.0
n-Octane	Ave	0.3437	0.3578		10.4	10.0	4.1	30.0
Toluene	Ave	0.3944	0.4001		10.1	10.0	1.4	30.0
trans-1,3-Dichloropropene	Ave	0.3383	0.3371		9.96	10.0	-0.4	30.0
1,1,2-Trichloroethane	Ave	0.1992	0.1973		9.90	10.0	-0.9	30.0
Tetrachloroethene	Ave	0.4373	0.4537		10.4	10.0	3.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3092	0.3220		10.4	10.0	4.2	30.0
Dibromochloromethane	Ave	0.5192	0.5708		11.0	10.0	9.9	30.0
1,2-Dibromoethane	Ave	0.4159	0.4227		10.2	10.0	1.6	30.0
Chlorobenzene	Ave	0.5758	0.5800		10.1	10.0	0.7	30.0
Ethylbenzene	Ave	0.8924	0.9038		10.1	10.0	1.3	30.0
n-Nonane	Ave	0.3428	0.3628		10.6	10.0	5.8	30.0
m,p-Xylene	Ave	0.3389	0.3418		20.2	20.0	0.9	30.0
Xylene, o-	Ave	0.3396	0.3356		9.88	10.0	-1.2	30.0
Styrene	Ave	0.5033	0.5256		10.4	10.0	4.4	30.0
Bromoform	Ave	0.5560	0.6188		11.1	10.0	11.3	30.0
Cumene	Ave	1.026	1.062		10.4	10.0	3.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4997	0.4966		9.94	10.0	-0.6	30.0
n-Propylbenzene	Ave	1.163	1.217		10.5	10.0	4.7	30.0
1,2,3-Trichloropropane	Ave	0.3928	0.4000		10.2	10.0	1.8	30.0
n-Decane	Ave	0.4178	0.4394		10.5	10.0	5.2	30.0
4-Ethyltoluene	Ave	1.029	1.084		10.5	10.0	5.3	30.0
2-Chlorotoluene	Ave	0.9710	1.020		10.5	10.0	5.0	30.0
1,3,5-Trimethylbenzene	Ave	0.8822	0.9048		10.3	10.0	2.6	30.0
tert-Butylbenzene	Ave	0.8393	0.8729		10.4	10.0	4.0	30.0
1,2,4-Trimethylbenzene	Ave	0.8732	0.8773		10.0	10.0	0.5	30.0
sec-Butylbenzene	Ave	1.211	1.271		10.5	10.0	5.0	30.0
4-Isopropyltoluene	Ave	1.054	1.117		10.6	10.0	6.0	30.0
1,3-Dichlorobenzene	Ave	0.6617	0.6575		9.93	10.0	-0.6	30.0
1,4-Dichlorobenzene	Ave	0.6539	0.6525		9.98	10.0	-0.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: ICV 200-7345/12 Calibration Date: 10/01/2010 12:18

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfb012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzyl chloride	Ave	0.7769	0.8242		10.6	10.0	6.1	30.0
n-Undecane	Ave	0.3328	0.2985		8.97	10.0	-10.3	30.0
n-Butylbenzene	Ave	0.8846	0.9588		10.8	10.0	8.4	30.0
1,2-Dichlorobenzene	Ave	0.6298	0.6096		9.68	10.0	-3.2	30.0
n-Dodecane	Ave	0.2075	0.2614		12.6	10.0	26.0	30.0
1,2,4-Trichlorobenzene	Ave	0.4651	0.4825		10.4	10.0	3.7	30.0
Hexachlorobutadiene	Ave	0.4853	0.5199		10.7	10.0	7.1	30.0
Naphthalene	Ave	0.8359	0.8831		10.6	10.0	5.6	30.0
1,2,3-Trichlorobenzene	Ave	0.3723	0.4392		11.8	10.0	18.0	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb012.d
Lab Smp Id: icv 052755
Inj Date : 01-OCT-2010 12:18
Operator : njr Inst ID: G.i
Smp Info : icv 052755
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/to15v5.m
Meth Date : 02-Oct-2010 09:47 njr Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 11 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

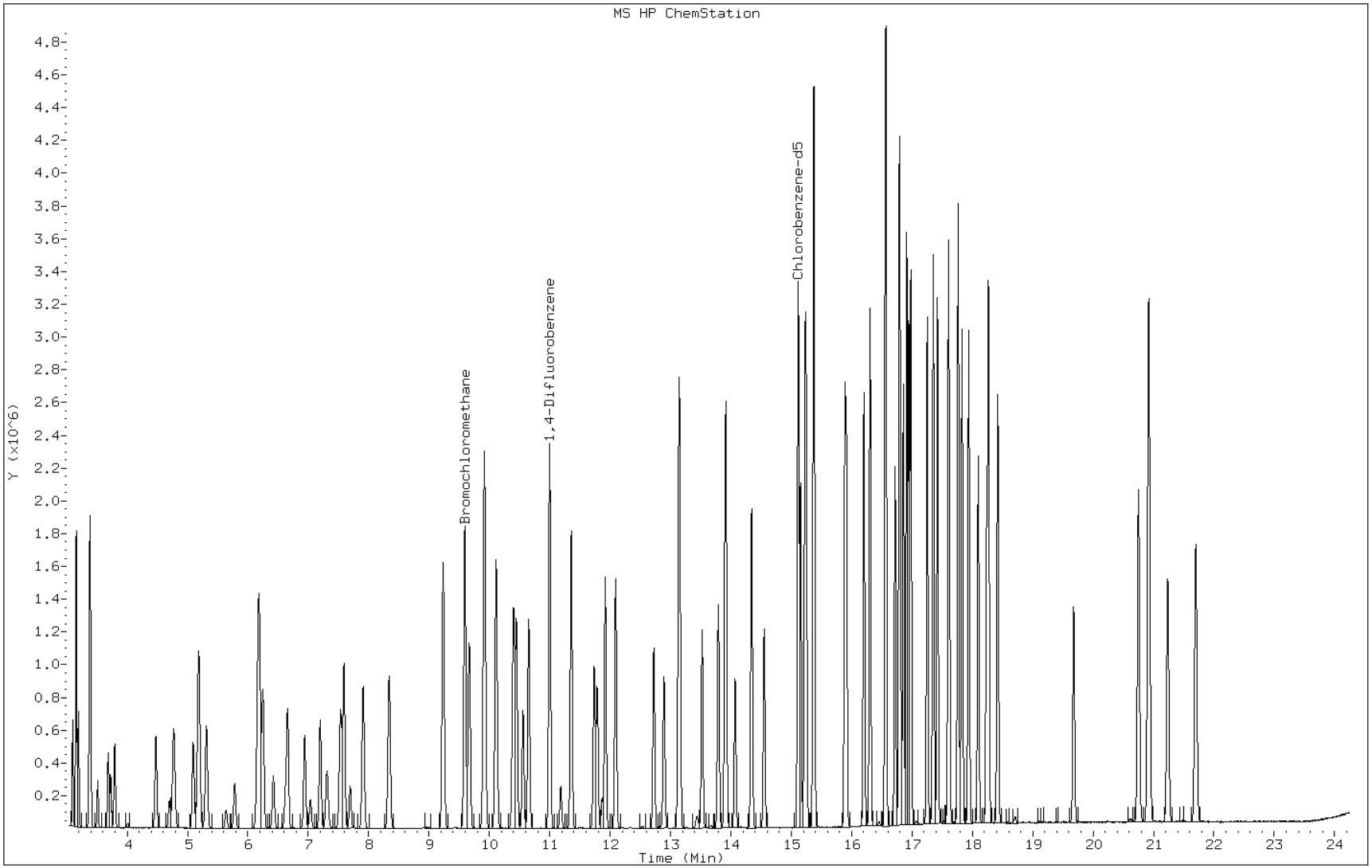
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	3.101	3.101	(0.323)	250505	9.86742	9.9
2 Dichlorodifluoromethane	85	3.160	3.160	(0.329)	1463119	10.3032	10
3 Chlorodifluoromethane	51	3.192	3.192	(0.333)	644045	10.2703	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.379	3.384	(0.352)	1119035	10.3054	10
5 Chloromethane	50	3.513	3.513	(0.366)	261074	10.1707	10
6 Butane	43	3.689	3.689	(0.385)	400150	9.71340	9.7
7 Vinyl chloride	62	3.727	3.727	(0.389)	325718	10.2251	10
8 1,3-Butadiene	54	3.796	3.796	(0.396)	223082	10.4660	10
9 Bromomethane	94	4.476	4.476	(0.467)	449779	10.3561	10
10 Chloroethane	64	4.701	4.700	(0.490)	182171	10.5683	11
11 2-Methylbutane	43	4.770	4.775	(0.497)	384630	10.0254	10
12 Vinyl bromide	106	5.091	5.096	(0.531)	484127	10.6597	11
13 Trichlorofluoromethane	101	5.182	5.187	(0.540)	1522583	10.1956	10
14 Pentane	43	5.316	5.316	(0.554)	574106	9.99194	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.642	5.642	(0.588)	162788	12.8704	13
	16 Ethyl ether	59	5.787	5.781	(0.603)	230896	9.80171	9.8
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.182	6.182	(0.645)	1051544	11.4677	11
	18 Acrolein	56	6.150	6.150	(0.641)	104765	8.80493	8.8
	19 1,1-Dichloroethene	96	6.252	6.252	(0.652)	460465	11.4702	11
	20 Acetone	43	6.423	6.423	(0.670)	537560	9.79195	9.8
	21 Carbon disulfide	76	6.659	6.658	(0.694)	1268136	10.5225	11
	22 Isopropanol	45	6.621	6.621	(0.690)	389900	10.3338	10
	23 Allyl chloride	41	6.942	6.942	(0.724)	456202	10.8134	11
	24 Acetonitrile	41	7.033	7.033	(0.733)	217829	10.4919	10
	25 Methylene chloride	49	7.199	7.199	(0.751)	472265	10.7644	11
	26 Tert-butyl alcohol	59	7.311	7.311	(0.762)	618123	9.90738	9.9
	27 Methyl tert-butyl ether	73	7.536	7.541	(0.786)	1181129	10.2539	10
	28 1,2-Dichloroethene (trans)	61	7.589	7.589	(0.791)	677563	10.6784	11
	29 Acrylonitrile	53	7.696	7.696	(0.803)	231932	10.2230	10
	30 n-Hexane	57	7.910	7.910	(0.825)	579763	10.8028	11
	31 1,1-Dichloroethane	63	8.333	8.333	(0.869)	804980	10.7521	11
	32 Vinyl acetate	43	8.349	8.354	(0.871)	844882	10.1851	10
M	33 1,2-Dichloroethene,Total	61				1176291	21.7394	22
	34 1,2-Dichloroethene (cis)	96	9.226	9.226	(0.962)	498727	11.0610	11
	35 Ethyl acetate	88	9.237	9.248	(0.963)	28362	10.3583	10
	36 Methyl Ethyl Ketone	72	9.232	9.232	(0.963)	165735	10.1741	10
*	37 Bromochloromethane	128	9.590	9.595	(1.000)	507548	10.0000	
	38 Tetrahydrofuran	42	9.606	9.601	(0.874)	333816	10.5036	11
	39 Chloroform	83	9.665	9.665	(1.008)	1118683	10.7213	11
	40 Cyclohexane	84	9.917	9.916	(0.902)	569832	10.9661	11
	41 1,1,1-Trichloroethane	97	9.917	9.916	(0.902)	1283139	10.7463	11
	42 Carbon tetrachloride	117	10.114	10.114	(0.920)	1444079	10.6392	11
	43 2,2,4-Trimethylpentane	57	10.398	10.398	(0.946)	1877464	11.0235	11
	44 Benzene	78	10.446	10.451	(0.950)	1318650	10.3689	10
	45 1,2-Dichloroethane	62	10.559	10.558	(0.960)	766233	10.4493	10
	46 n-Heptane	43	10.655	10.655	(0.969)	661988	10.7293	11
*	47 1,4-Difluorobenzene	114	10.997	11.002	(1.000)	2414934	10.0000	
	48 n-Butanol	56	11.184	11.184	(1.017)	159275	10.4382	10
	49 Trichloroethene	95	11.356	11.355	(1.033)	729234	10.9081	11
	50 1,2-Dichloropropane	63	11.741	11.735	(1.068)	425638	10.3433	10
	51 Methyl methacrylate	69	11.789	11.789	(1.072)	372364	10.2402	10
	52 Dibromomethane	174	11.917	11.922	(1.084)	743878	10.6634	11
	53 1,4-Dioxane	88	11.869	11.864	(1.079)	170101	9.75210	9.8
	54 Bromodichloromethane	83	12.094	12.094	(1.100)	1235494	10.9046	11
	55 1,3-Dichloropropene (cis)	75	12.725	12.725	(1.157)	758003	10.1424	10
	56 Methyl isobutyl ketone	43	12.891	12.891	(1.172)	774304	10.4978	10
	57 n-Octane	43	13.137	13.137	(1.195)	863919	10.4078	10
	58 Toluene	92	13.153	13.153	(0.870)	922550	10.1415	10
	59 1,3-Dichloropropene (trans)	75	13.522	13.522	(1.230)	813875	9.96314	10
	60 1,1,2-Trichloroethane	83	13.795	13.795	(0.913)	454967	9.90441	9.9
	61 Tetrachloroethene	166	13.913	13.913	(0.920)	1046067	10.3720	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	14.068	14.068	(0.931)	742454	10.4135	10
	63 Dibromochloromethane	129	14.346	14.346	(0.949)	1316141	10.9924	11
	64 1,2-Dibromoethane	107	14.549	14.549	(0.962)	974689	10.1616	10
*	65 Chlorobenzene-d5	117	15.116	15.116	(1.000)	2306197	10.0000	
	66 Chlorobenzene	112	15.154	15.154	(1.002)	1337375	10.0715	10
	67 n-Nonane	57	15.250	15.250	(1.009)	836447	10.5803	11
	68 Ethylbenzene	91	15.229	15.229	(1.007)	2083915	10.1255	10
	69 Xylene (m,p)	106	15.379	15.378	(1.017)	1576099	20.1672	20
M	70 Xylenes, Total	106				2349904	30.0466	30
	71 Xylene (o)	106	15.892	15.892	(1.051)	773804	9.87949	9.9
	72 Styrene	104	15.919	15.919	(1.053)	1211935	10.4404	10
	73 Bromoform	173	16.202	16.202	(1.072)	1426683	11.1257	11
	74 Isopropylbenzene	105	16.304	16.309	(1.079)	2449378	10.3542	10
	75 1,1,2,2-Tetrachloroethane	83	16.721	16.721	(1.106)	1145078	9.93696	9.9
	76 n-Propylbenzene	91	16.786	16.791	(1.110)	2806642	10.4638	10
	77 1,2,3-Trichloropropane	75	16.802	16.807	(1.111)	922183	10.1790	10
	78 n-Decane	57	16.860	16.860	(1.115)	1013023	10.5146	11
	79 4-Ethyltoluene	105	16.914	16.914	(1.119)	2498473	10.5314	11
	80 2-Chlorotoluene	91	16.946	16.951	(1.121)	2351090	10.4990	10
	81 1,3,5-Trimethylbenzene	105	16.984	16.983	(1.123)	2086340	10.2548	10
	82 Alpha Methyl Styrene	118	17.251	17.251	(1.141)	1042984	10.8590	11
	83 tert-butylbenzene	119	17.353	17.352	(1.148)	2012612	10.3978	10
	84 1,2,4-Trimethylbenzene	105	17.422	17.422	(1.153)	2022920	10.0456	10
	85 sec-Butylbenzene	105	17.609	17.609	(1.165)	2930665	10.4934	10
	86 4-Isopropyltoluene	119	17.765	17.764	(1.175)	2576198	10.5993	11
	87 1,3-Dichlorobenzene	146	17.829	17.828	(1.179)	1515969	9.93441	9.9
	88 1,4-Dichlorobenzene	146	17.941	17.941	(1.187)	1504438	9.97604	10
	89 Benzyl chloride	91	18.102	18.101	(1.197)	1900496	10.6078	11
	90 Undecane	57	18.235	18.235	(1.206)	688368	8.96820	9.0
	91 n-Butylbenzene	91	18.267	18.267	(1.208)	2210815	10.8373	11
	92 1,2-Dichlorobenzene	146	18.423	18.422	(1.219)	1405582	9.67730	9.7
	93 Dodecane	57	19.680	19.680	(1.302)	602690	12.5937	13
	94 1,2,4-Trichlorobenzene	180	20.755	20.755	(1.373)	1112612	10.3719	10
	95 1,3-Hexachlorobutadiene	225	20.921	20.921	(1.384)	1198858	10.7110	11
	96 Naphthalene	128	21.237	21.236	(1.405)	2036087	10.5617	11
	97 1,2,3-Trichlorobenzene	180	21.702	21.702	(1.436)	1012662	11.7948	12

Data File: gfb012.d
Client ID:
Operator: njr
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 052755
Lab Sample ID: icv 052755

Date: 01-OCT-2010 12:18
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: CCVIS 200-9159/2 Calibration Date: 11/05/2010 14:24

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfbw002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 071051

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5002	0.4550		9.09	10.0	-9.0	30.0
Dichlorodifluoromethane	Ave	2.798	2.499		8.93	10.0	-10.7	30.0
Freon 22	Ave	1.236	1.134		9.18	10.0	-8.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.139	1.990		9.30	10.0	-7.0	30.0
Chloromethane	Ave	0.5057	0.4870		9.63	10.0	-3.7	30.0
n-Butane	Ave	0.8117	0.8033		9.89	10.0	-1.0	30.0
Vinyl chloride	Ave	0.6276	0.6123		9.75	10.0	-2.4	30.0
1,3-Butadiene	Ave	0.4200	0.4136		9.85	10.0	-1.5	30.0
Bromomethane	Ave	0.8557	0.8360		9.77	10.0	-2.3	30.0
Chloroethane	Ave	0.3396	0.3556		10.5	10.0	4.7	30.0
Isopentane	Ave	0.7559	0.7661		10.1	10.0	1.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8948	0.8942		9.99	10.0	-0.0	30.0
Trichlorofluoromethane	Ave	2.942	2.981		10.1	10.0	1.3	30.0
n-Pentane	Ave	1.132	1.223		10.8	10.0	8.0	30.0
Ethanol	Ave	0.2492	0.3009		18.1	15.0	20.7	30.0
Ethyl ether	Ave	0.4641	0.5100		11.0	10.0	9.9	30.0
Acrolein	Ave	0.2344	0.2295		9.79	10.0	-2.1	30.0
Freon TF	Ave	1.807	1.848		10.2	10.0	2.3	30.0
1,1-Dichloroethene	Ave	0.7909	0.7770		9.82	10.0	-1.8	30.0
Acetone	Ave	1.082	1.367		12.6	10.0	26.4	30.0
Isopropyl alcohol	Ave	0.7434	0.8399		11.3	10.0	13.0	30.0
Carbon disulfide	Ave	2.374	2.450		10.3	10.0	3.2	30.0
3-Chloropropene	Ave	0.8312	0.9100		10.9	10.0	9.5	30.0
Acetonitrile	Ave	0.4091	0.5000		12.2	10.0	22.2	30.0
Methylene Chloride	Ave	0.8644	0.9340		10.8	10.0	8.0	30.0
tert-Butyl alcohol	Ave	1.229	1.426		11.6	10.0	16.0	30.0
Methyl tert-butyl ether	Ave	2.269	2.472		10.9	10.0	8.9	30.0
trans-1,2-Dichloroethene	Ave	1.250	1.355		10.8	10.0	8.4	30.0
n-Hexane	Ave	1.057	1.192		11.3	10.0	12.7	30.0
1,1-Dichloroethane	Ave	1.475	1.665		11.3	10.0	12.9	30.0
Vinyl acetate	Ave	1.634	1.913		11.7	10.0	17.1	30.0
cis-1,2-Dichloroethene	Ave	0.8884	0.9218		10.4	10.0	3.8	30.0
Methyl Ethyl Ketone	Ave	0.3210	0.3512		10.9	10.0	9.4	30.0
Ethyl acetate	Ave	0.0539	0.0583		10.8	10.0	8.1	30.0
Tetrahydrofuran	Ave	0.1316	0.1492		11.3	10.0	13.3	30.0
Chloroform	Ave	2.056	2.246		10.9	10.0	9.2	30.0
1,1,1-Trichloroethane	Ave	0.4944	0.5123		10.4	10.0	3.6	30.0
Cyclohexane	Ave	0.2152	0.2229		10.4	10.0	3.6	30.0
Carbon tetrachloride	Ave	0.5621	0.5801		10.3	10.0	3.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: CCVIS 200-9159/2 Calibration Date: 11/05/2010 14:24

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfbw002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 071051

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.7053	0.7862		11.1	10.0	11.5	30.0
Benzene	Ave	0.5266	0.5263		9.99	10.0	-0.0	30.0
1,2-Dichloroethane	Ave	0.3036	0.3271		10.8	10.0	7.7	30.0
n-Heptane	Ave	0.2555	0.2887		11.3	10.0	13.0	30.0
Trichloroethene	Ave	0.2768	0.2815		10.2	10.0	1.7	30.0
1,2-Dichloropropane	Ave	0.1704	0.1904		11.2	10.0	11.8	30.0
Methyl methacrylate	Ave	0.1506	0.1641		10.9	10.0	9.0	30.0
1,4-Dioxane	Ave	0.0722	0.0734		10.2	10.0	1.6	30.0
Dibromomethane	Ave	0.2889	0.2633		9.11	10.0	-8.9	30.0
Bromodichloromethane	Ave	0.4692	0.5029		10.7	10.0	7.2	30.0
cis-1,3-Dichloropropene	Ave	0.3095	0.3280		10.6	10.0	6.0	30.0
methyl isobutyl ketone	Ave	0.3054	0.3534		11.6	10.0	15.7	30.0
n-Octane	Ave	0.3437	0.3895		11.3	10.0	13.3	30.0
Toluene	Ave	0.3944	0.3920		9.94	10.0	-0.6	30.0
trans-1,3-Dichloropropene	Ave	0.3383	0.3550		10.5	10.0	4.9	30.0
1,1,2-Trichloroethane	Ave	0.1992	0.2146		10.8	10.0	7.8	30.0
Tetrachloroethene	Ave	0.4373	0.3978		9.09	10.0	-9.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3092	0.3498		11.3	10.0	13.2	30.0
Dibromochloromethane	Ave	0.5192	0.5291		10.2	10.0	1.9	30.0
1,2-Dibromoethane	Ave	0.4159	0.4212		10.1	10.0	1.3	30.0
Chlorobenzene	Ave	0.5758	0.5661		9.83	10.0	-1.7	30.0
Ethylbenzene	Ave	0.8924	0.9080		10.2	10.0	1.7	30.0
n-Nonane	Ave	0.3428	0.3885		11.3	10.0	13.3	30.0
m,p-Xylene	Ave	0.3389	0.3417		20.2	20.0	0.8	30.0
Xylene, o-	Ave	0.3396	0.3438		10.1	10.0	1.2	30.0
Styrene	Ave	0.5033	0.5123		10.2	10.0	1.8	30.0
Bromoform	Ave	0.5560	0.5471		9.84	10.0	-1.6	30.0
Cumene	Ave	1.026	1.054		10.3	10.0	2.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4997	0.5479		11.0	10.0	9.6	30.0
n-Propylbenzene	Ave	1.163	1.231		10.6	10.0	5.8	30.0
1,2,3-Trichloropropane	Ave	0.3928	0.4303		11.0	10.0	9.5	30.0
n-Decane	Ave	0.4178	0.4770		11.4	10.0	14.2	30.0
4-Ethyltoluene	Ave	1.029	1.053		10.2	10.0	2.4	30.0
2-Chlorotoluene	Ave	0.9710	1.011		10.4	10.0	4.2	30.0
1,3,5-Trimethylbenzene	Ave	0.8822	0.9192		10.4	10.0	4.2	30.0
tert-Butylbenzene	Ave	0.8393	0.8714		10.4	10.0	3.8	30.0
1,2,4-Trimethylbenzene	Ave	0.8732	0.9084		10.4	10.0	4.0	30.0
sec-Butylbenzene	Ave	1.211	1.275		10.5	10.0	5.3	30.0
4-Isopropyltoluene	Ave	1.054	1.098		10.4	10.0	4.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Lab Sample ID: CCVIS 200-9159/2 Calibration Date: 11/05/2010 14:24

Instrument ID: G.i Calib Start Date: 10/01/2010 01:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 10/01/2010 09:30

Lab File ID: gfbw002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 071051

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.6617	0.6103		9.22	10.0	-7.8	30.0
1,4-Dichlorobenzene	Ave	0.6539	0.5955		9.10	10.0	-8.9	30.0
Benzyl chloride	Ave	0.7769	0.6477		8.34	10.0	-16.6	30.0
n-Undecane	Ave	0.3328	0.2874		8.63	10.0	-13.7	30.0
n-Butylbenzene	Ave	0.8846	0.9632		10.9	10.0	8.9	30.0
1,2-Dichlorobenzene	Ave	0.6298	0.5871		9.32	10.0	-6.8	30.0
n-Dodecane	Ave	0.2075	0.2014		9.71	10.0	-2.9	30.0
1,2,4-Trichlorobenzene	Ave	0.4651	0.3574		7.68	10.0	-23.2	30.0
Hexachlorobutadiene	Ave	0.4853	0.4462		9.19	10.0	-8.1	30.0
Naphthalene	Ave	0.8359	0.7225		8.64	10.0	-13.6	30.0
1,2,3-Trichlorobenzene	Ave	0.3723	0.3000		8.06	10.0	-19.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw002.d
Lab Smp Id: ccvis 071051 Client Smp ID: ccvis 071051
Inj Date : 05-NOV-2010 14:24
Operator : wrd Inst ID: G.i
Smp Info : ccvis 071051
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 15:05 wrd Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	AMOUNTS ON-COL (ppb v/v)
1	Propene	41	3.101	3.101	(0.324)	259667	10.0000	9.1
2	Dichlorodifluoromethane	85	3.160	3.160	(0.330)	1426457	10.0000	8.9
3	Chlorodifluoromethane	51	3.197	3.192	(0.334)	647166	10.0000	9.2
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.384	3.384	(0.353)	1135588	10.0000	9.3
5	Chloromethane	50	3.513	3.513	(0.367)	277926	10.0000	9.6
6	Butane	43	3.689	3.689	(0.385)	458434	10.0000	9.9
7	Vinyl chloride	62	3.727	3.727	(0.389)	349445	10.0000	9.8
8	1,3-Butadiene	54	3.796	3.796	(0.396)	236049	10.0000	9.8
9	Bromomethane	94	4.470	4.476	(0.467)	477138	10.0000	9.8
10	Chloroethane	64	4.695	4.700	(0.490)	202916	10.0000	10
11	2-Methylbutane	43	4.765	4.775	(0.497)	437198	10.0000	10
12	Vinyl bromide	106	5.086	5.096	(0.531)	510306	10.0000	10
13	Trichlorofluoromethane	101	5.182	5.187	(0.541)	1701058	10.0000	10
14	Pentane	43	5.310	5.316	(0.554)	697798	10.0000	11

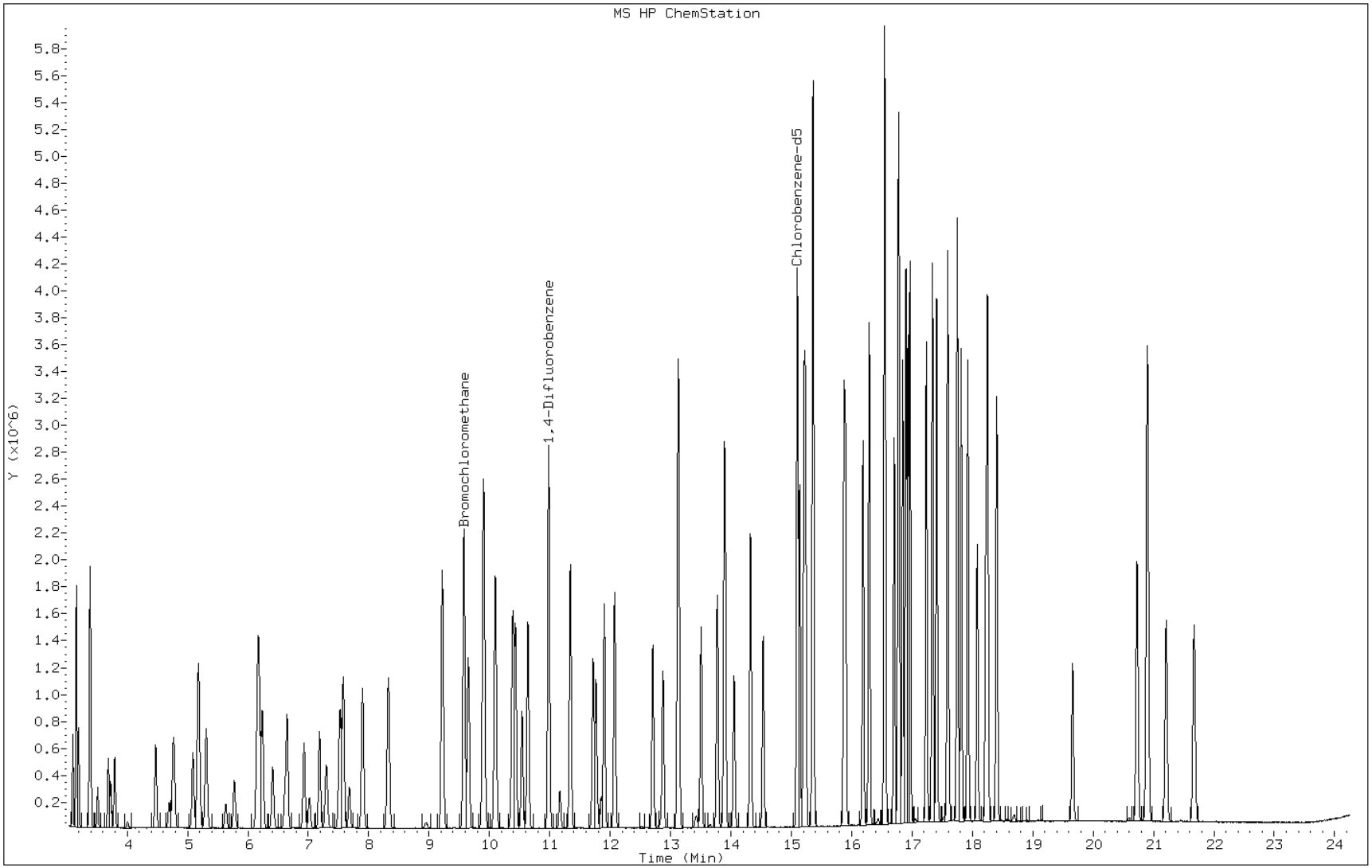
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	15 Ethanol	45	5.631	5.642	(0.588)	257662	15.0000	18
	16 Ethyl ether	59	5.776	5.781	(0.603)	291057	10.0000	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	1054797	10.0000	10
	18 Acrolein	56	6.139	6.150	(0.641)	130973	10.0000	9.8
	19 1,1-Dichloroethene	96	6.236	6.252	(0.651)	443434	10.0000	9.8
	20 Acetone	43	6.407	6.423	(0.669)	780058	10.0000	13
	21 Carbon disulfide	76	6.648	6.658	(0.694)	1398227	10.0000	10
	22 Isopropanol	45	6.610	6.621	(0.690)	479352	10.0000	11
	23 Allyl chloride	41	6.931	6.942	(0.724)	519343	10.0000	11
	24 Acetonitrile	41	7.022	7.033	(0.733)	285380	10.0000	12
	25 Methylene chloride	49	7.183	7.199	(0.750)	533042	10.0000	11
	26 Tert-butyl alcohol	59	7.300	7.311	(0.762)	813598	10.0000	12
	27 Methyl tert-butyl ether	73	7.530	7.541	(0.786)	1411042	10.0000	11
	28 1,2-Dichloroethene (trans)	61	7.579	7.589	(0.791)	773202	10.0000	11
	29 Acrylonitrile	53	7.680	7.696	(0.802)	281708	10.0000	11
	30 n-Hexane	57	7.900	7.910	(0.825)	680234	10.0000	11
	31 1,1-Dichloroethane	63	8.317	8.333	(0.868)	950149	10.0000	11
	32 Vinyl acetate	43	8.338	8.354	(0.870)	1091952	10.0000	12
M	33 1,2-Dichloroethene,Total	61				1299280	20.0000	21
	34 1,2-Dichloroethene (cis)	96	9.210	9.226	(0.961)	526077	10.0000	10
	35 Ethyl acetate	88	9.226	9.248	(0.963)	33291	10.0000	11
	36 Methyl Ethyl Ketone	72	9.221	9.232	(0.963)	200424	10.0000	11(Q)
*	37 Bromochloromethane	128	9.579	9.595	(1.000)	570828	10.0000	(Q)
	38 Tetrahydrofuran	42	9.590	9.601	(0.873)	421110	10.0000	11
	39 Chloroform	83	9.649	9.665	(1.007)	1281763	10.0000	11
	40 Cyclohexane	84	9.900	9.916	(0.902)	629270	10.0000	10
	41 1,1,1-Trichloroethane	97	9.900	9.916	(0.902)	1446333	10.0000	10
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	1637930	10.0000	10
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	2219630	10.0000	11
	44 Benzene	78	10.435	10.451	(0.950)	1485910	10.0000	10
	45 1,2-Dichloroethane	62	10.542	10.558	(0.960)	923639	10.0000	11
	46 n-Heptane	43	10.639	10.655	(0.969)	815148	10.0000	11
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2823884	10.0000	
	48 n-Butanol	56	11.168	11.184	(1.017)	178944	10.0000	10
	49 Trichloroethene	95	11.339	11.355	(1.033)	794678	10.0000	10
	50 1,2-Dichloropropane	63	11.719	11.735	(1.067)	537652	10.0000	11
	51 Methyl methacrylate	69	11.767	11.789	(1.072)	463347	10.0000	11
	52 Dibromomethane	174	11.901	11.922	(1.084)	743309	10.0000	9.1
	53 1,4-Dioxane	88	11.848	11.864	(1.079)	207102	10.0000	10
	54 Bromodichloromethane	83	12.072	12.094	(1.099)	1419768	10.0000	11
	55 1,3-Dichloropropene (cis)	75	12.709	12.725	(1.157)	925927	10.0000	11
	56 Methyl isobutyl ketone	43	12.875	12.891	(1.172)	997709	10.0000	12
	57 n-Octane	43	13.121	13.137	(1.195)	1099564	10.0000	11
	58 Toluene	92	13.137	13.153	(0.870)	1067926	10.0000	9.9
	59 1,3-Dichloropropene (trans)	75	13.506	13.522	(1.230)	1002263	10.0000	10
	60 1,1,2-Trichloroethane	83	13.774	13.795	(0.912)	584708	10.0000	11
	61 Tetrachloroethene	166	13.897	13.913	(0.920)	1083630	10.0000	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
	62 2-Hexanone	43	14.052	14.068	(0.931)	953037	10.0000	11
	63 Dibromochloromethane	129	14.325	14.346	(0.949)	1441391	10.0000	10
	64 1,2-Dibromoethane	107	14.533	14.549	(0.962)	1147364	10.0000	10
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2724780	10.0000	
	66 Chlorobenzene	112	15.138	15.154	(1.002)	1542184	10.0000	9.8
	67 n-Nonane	57	15.234	15.250	(1.009)	1058325	10.0000	11
	68 Ethylbenzene	91	15.213	15.229	(1.007)	2473538	10.0000	10
	69 Xylene (m,p)	106	15.362	15.378	(1.017)	1861835	20.0000	20
M	70 Xylenes, Total	106				2798448	10.0000	30
	71 Xylene (o)	106	15.876	15.892	(1.051)	936612	10.0000	10
	72 Styrene	104	15.903	15.919	(1.053)	1395699	10.0000	10
	73 Bromoform	173	16.186	16.202	(1.072)	1490292	10.0000	9.8
	74 Isopropylbenzene	105	16.293	16.309	(1.079)	2870367	10.0000	10
	75 1,1,2,2-Tetrachloroethane	83	16.705	16.721	(1.106)	1492518	10.0000	11
	76 n-Propylbenzene	91	16.775	16.791	(1.111)	3352632	10.0000	11
	77 1,2,3-Trichloropropane	75	16.791	16.807	(1.112)	1172327	10.0000	11
	78 n-Decane	57	16.844	16.860	(1.115)	1299351	10.0000	11
	79 4-Ethyltoluene	105	16.898	16.914	(1.119)	2868330	10.0000	10
	80 2-Chlorotoluene	91	16.935	16.951	(1.122)	2755115	10.0000	10
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	2504205	10.0000	10
	82 Alpha Methyl Styrene	118	17.235	17.251	(1.141)	1164375	10.0000	10
	83 tert-butylbenzene	119	17.336	17.352	(1.148)	2373772	10.0000	10
	84 1,2,4-Trimethylbenzene	105	17.411	17.422	(1.153)	2474684	10.0000	10
	85 sec-Butylbenzene	105	17.593	17.609	(1.165)	3472626	10.0000	11
	86 4-Isopropyltoluene	119	17.748	17.764	(1.175)	2992487	10.0000	10
	87 1,3-Dichlorobenzene	146	17.813	17.828	(1.180)	1662470	10.0000	9.2
	88 1,4-Dichlorobenzene	146	17.925	17.941	(1.187)	1622224	10.0000	9.1
	89 Benzyl chloride	91	18.085	18.101	(1.198)	1764532	10.0000	8.3
	90 Undecane	57	18.219	18.235	(1.207)	782903	10.0000	8.6
	91 n-Butylbenzene	91	18.251	18.267	(1.209)	2624078	10.0000	11
	92 1,2-Dichlorobenzene	146	18.406	18.422	(1.219)	1599366	10.0000	9.3
	93 Dodecane	57	19.664	19.680	(1.302)	548763	10.0000	9.7
	94 1,2,4-Trichlorobenzene	180	20.728	20.755	(1.373)	973629	10.0000	7.7
	95 1,3-Hexachlorobutadiene	225	20.899	20.921	(1.384)	1215473	10.0000	9.2
	96 Naphthalene	128	21.210	21.236	(1.405)	1968138	10.0000	8.6
	97 1,2,3-Trichlorobenzene	180	21.675	21.702	(1.435)	817262	10.0000	8.1

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	gfbw002.d	Date:	05-NOV-2010 14:24
Client ID:	ccvis 071051	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ccvis 071051		
Lab Sample ID:	ccvis 071051		



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/gfbto15.b/gfb001.d
Lab Smp Id: VBFB Client Smp ID: VBFB
Inj Date : 01-OCT-2010 00:03
Operator : njr Inst ID: G.i
Smp Info : VBFB
Misc Info :
Comment :
Method : /chem/G.i/Gsvr.p/gfbto15.b/bfbto15.m
Meth Date : 24-Nov-2009 09:15 njr Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

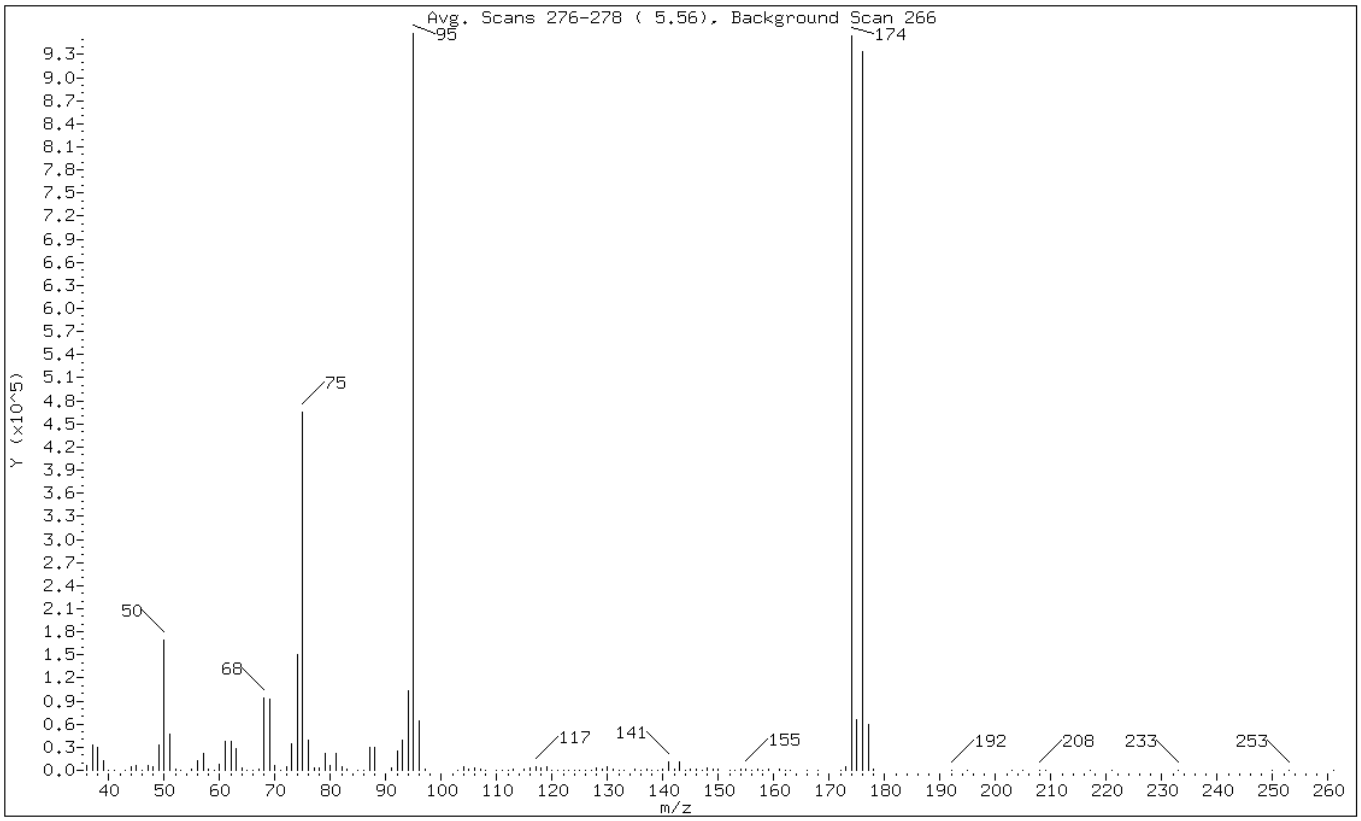
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.563	5.900	-0.337	95	957184			100.00- 100.00	100.00
5.563	5.900	-0.337	50	168597			8.00- 40.00	17.61
5.563	5.900	-0.337	75	464687			30.00- 66.00	48.55
5.563	5.900	-0.337	96	64008			5.00- 9.00	6.69
5.563	5.900	-0.337	173	5079			0.00- 2.00	0.53
5.563	5.900	-0.337	174	954346			50.00- 120.00	99.70
5.563	5.900	-0.337	175	65834			4.00- 9.00	6.90
5.563	5.900	-0.337	176	933973			93.00- 101.00	97.87
5.563	5.900	-0.337	177	59513			5.00- 9.00	6.37

Data File: gfb001.d
Client ID: VBFB
Operator: njr
Column Type:
Stationary Phase: RTX-624
Sample Info: VBFB
Lab Sample ID: VBFB
1 bfb

Date: 01-OCT-2010 00:03
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.61
75	30.00 - 66.00% of mass 95	48.55
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.53 (0.53)
174	50.00 - 120.00% of mass 95	99.70
175	4.00 - 9.00% of mass 174	6.88 (6.90)
176	93.00 - 101.00% of mass 174	97.58 (97.87)
177	5.00 - 9.00% of mass 176	6.22 (6.37)

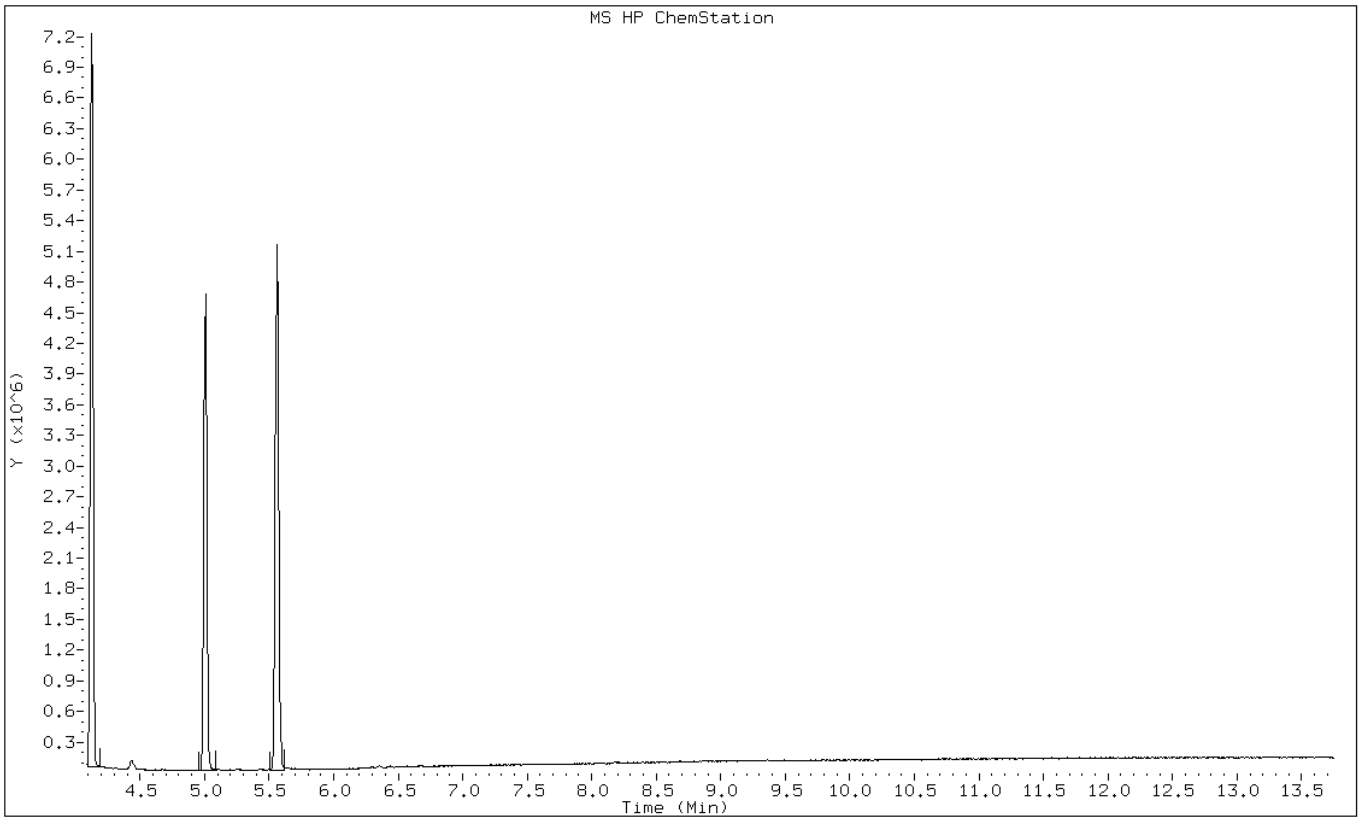
Data File: gfb001.d
Client ID: VBFB
Operator: njr
Column Type:
Stationary Phase: RTX-624
Sample Info: VBFB
Lab Sample ID: VBFB

Date: 01-OCT-2010 00:03
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/gfbto15.b/gfb001.d
Spectrum: Avg. Scans 276-278 (5.56), Background Scan 266
Location of Maximum: 95.00
Number of points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5857	72.00	4164	116.00	3388	152.00	406
37.00	33056	73.00	34640	117.00	5174	153.00	628
38.00	30280	74.00	150912	118.00	3251	154.00	796
39.00	12544	75.00	464640	119.00	5030	155.00	2285
40.00	579	76.00	38544	120.00	211	156.00	482
41.00	67	77.00	3649	121.00	72	157.00	1945
43.00	410	78.00	2668	122.00	200	158.00	126
44.00	3952	79.00	22384	123.00	226	159.00	1448
45.00	6707	80.00	6952	124.00	618	161.00	1333
46.00	418	81.00	22656	125.00	387	162.00	82
47.00	6452	82.00	4777	126.00	300	163.00	112
48.00	4299	83.00	884	127.00	515	166.00	86
49.00	32304	85.00	273	128.00	3652	168.00	150
50.00	168576	86.00	744	129.00	1676	172.00	108
51.00	47352	87.00	29944	130.00	4077	173.00	5079
52.00	1913	88.00	30136	131.00	1687	174.00	954304
53.00	187	91.00	3267	132.00	301	175.00	65832
55.00	1947	92.00	25752	133.00	81	176.00	933952
56.00	11763	93.00	39192	135.00	1303	177.00	59512
57.00	21824	94.00	103792	136.00	396	178.00	1509
58.00	869	95.00	957184	137.00	1761	192.00	78
59.00	296	96.00	64008	138.00	82	195.00	68
60.00	7375	97.00	1909	139.00	289	203.00	73
61.00	37856	103.00	608	140.00	843	205.00	104
62.00	38272	104.00	4249	141.00	11176	208.00	315
63.00	28400	105.00	1594	142.00	1295	209.00	239
64.00	2455	106.00	3690	143.00	11164	217.00	71
65.00	253	107.00	1120	144.00	721	221.00	81
66.00	84	108.00	74	145.00	1349	233.00	153
67.00	2056	110.00	420	146.00	1573	250.00	132
68.00	93768	111.00	740	147.00	708	253.00	217
69.00	91664	112.00	406	148.00	2526	261.00	72
70.00	6810	113.00	859	149.00	927		
71.00	326	115.00	1173	150.00	1134		

Data File:	gfb001.d	Date:	01-OCT-2010 00:03
Client ID:	VBFB	Instrument:	G.i
Operator:	njr	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	VBFB		
Lab Sample ID:	VBFB		



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 05-NOV-2010 13:22
Operator : wrd Inst ID: G.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/bfbto15.m
Meth Date : 24-Nov-2009 09:15 njr Quant Type: ESTD
Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

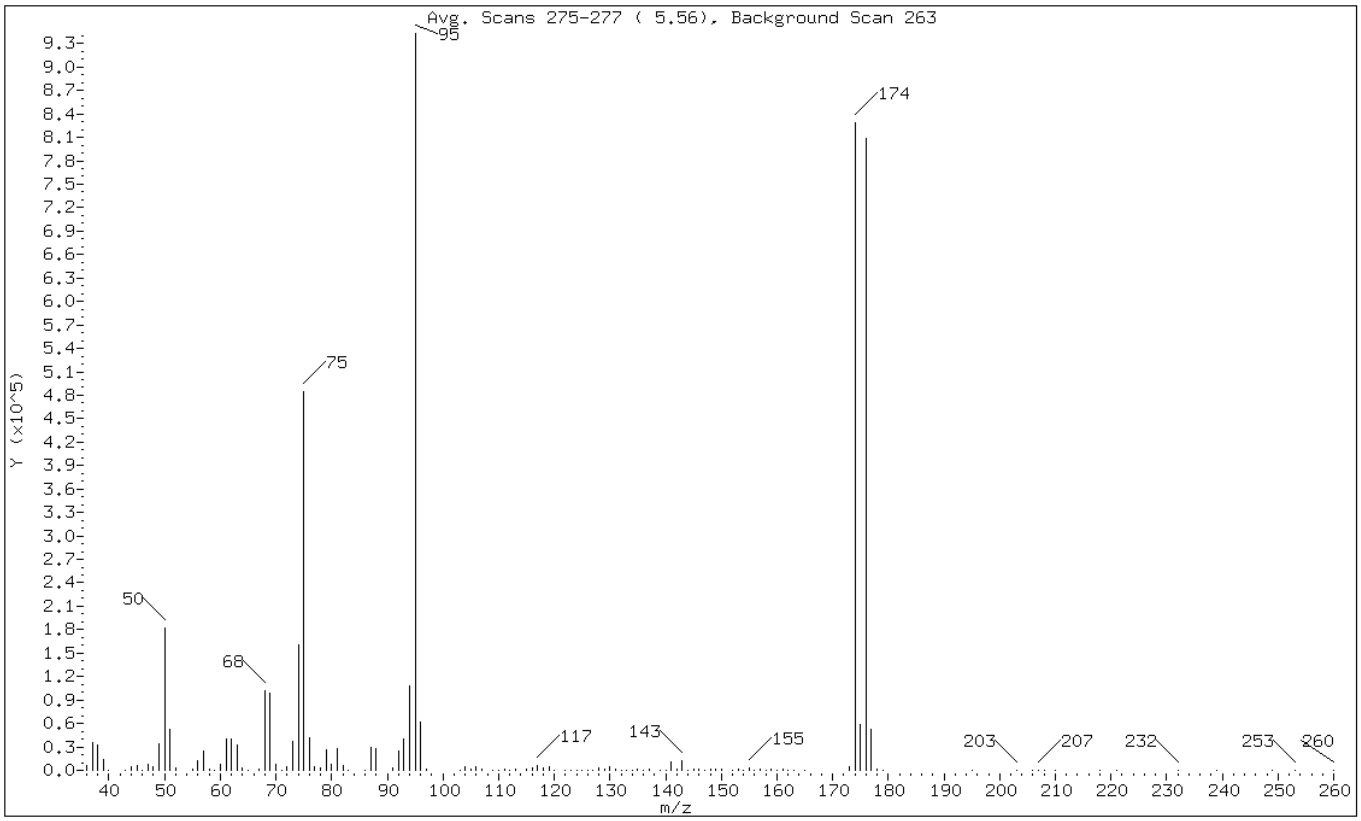
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.558	5.900	-0.342	95	942848			100.00- 100.00	100.00
5.558	5.900	-0.342	50	182506			8.00- 40.00	19.36
5.558	5.900	-0.342	75	484135			30.00- 66.00	51.35
5.558	5.900	-0.342	96	61786			5.00- 9.00	6.55
5.558	5.900	-0.342	173	4575			0.00- 2.00	0.55
5.558	5.900	-0.342	174	829034			50.00- 120.00	87.93
5.558	5.900	-0.342	175	58394			4.00- 9.00	7.04
5.558	5.900	-0.342	176	809194			93.00- 101.00	97.61
5.558	5.900	-0.342	177	52817			5.00- 9.00	6.53

Data File: gfbw001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 05-NOV-2010 13:22
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	19.36
75	30.00 - 66.00% of mass 95	51.35
96	5.00 - 9.00% of mass 95	6.55
173	Less than 2.00% of mass 174	0.49 (0.55)
174	50.00 - 120.00% of mass 95	87.93
175	4.00 - 9.00% of mass 174	6.19 (7.04)
176	93.00 - 101.00% of mass 174	85.82 (97.61)
177	5.00 - 9.00% of mass 176	5.60 (6.53)

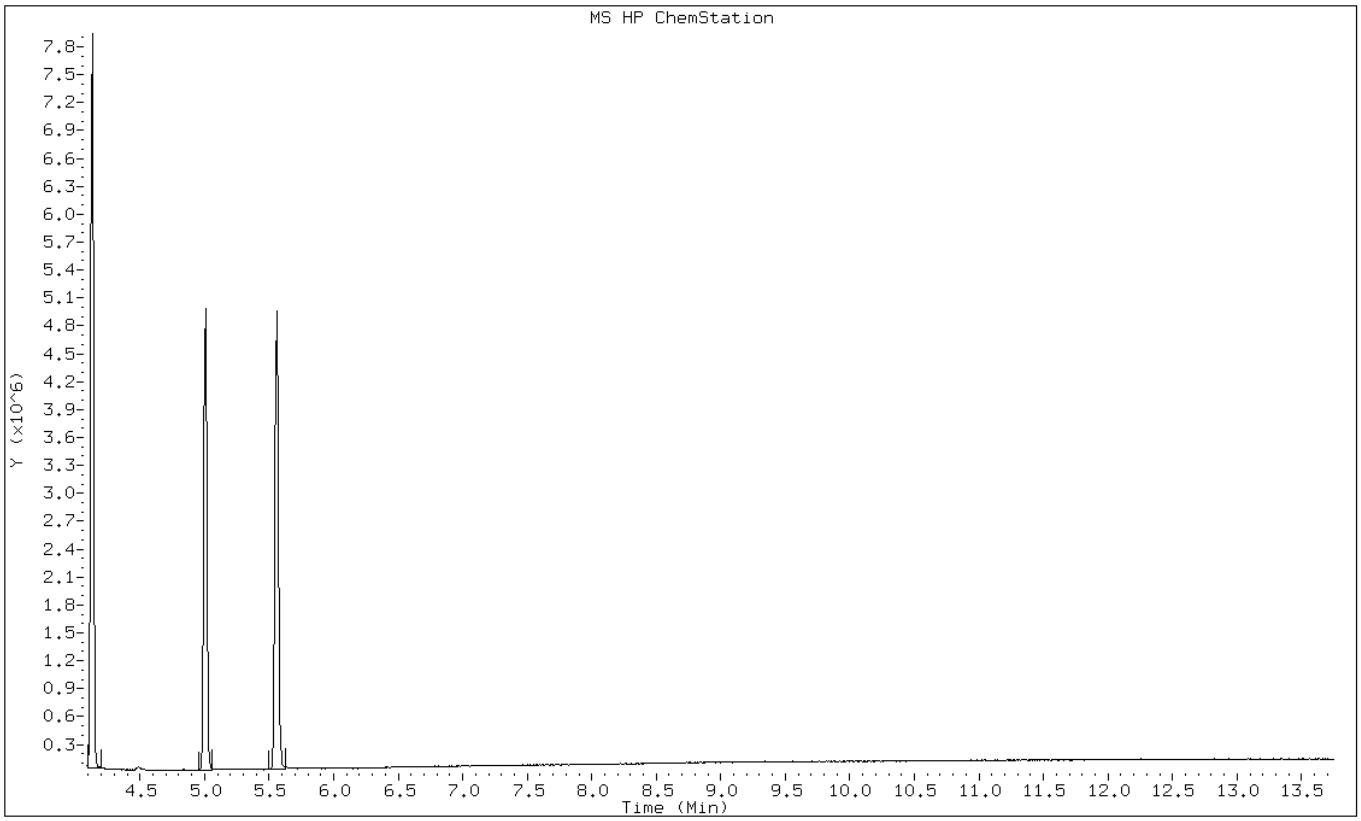
Data File: gfbw001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 05-NOV-2010 13:22
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/gfbwto15.b/gfbw001.d
Spectrum: Avg. Scans 275-277 (5.56), Background Scan 263
Location of Maximum: 95.00
Number of points: 130

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5896	74.00	161216	118.00	3502	154.00	593
37.00	35856	75.00	484096	119.00	5053	155.00	2792
38.00	32704	76.00	42120	120.00	182	156.00	429
39.00	13177	77.00	3952	122.00	431	157.00	1837
40.00	7	78.00	2770	123.00	118	158.00	286
43.00	297	79.00	26520	124.00	558	159.00	1411
44.00	4274	80.00	8117	125.00	424	160.00	94
45.00	6905	81.00	27168	126.00	452	161.00	1278
46.00	494	82.00	5472	127.00	494	162.00	195
47.00	7044	83.00	641	128.00	3819	163.00	346
48.00	4537	86.00	700	129.00	2048	165.00	271
49.00	34720	87.00	28752	130.00	3915	173.00	4575
50.00	182464	88.00	27592	131.00	1652	174.00	828992
51.00	52696	91.00	2969	132.00	172	175.00	58392
52.00	2595	92.00	25240	133.00	276	176.00	809152
55.00	1729	93.00	40280	134.00	209	177.00	52816
56.00	12842	94.00	107472	135.00	1776	178.00	1440
57.00	24584	95.00	942848	136.00	318	179.00	162
58.00	1001	96.00	61784	137.00	2071	195.00	15
59.00	304	97.00	1984	139.00	392	203.00	68
60.00	7073	103.00	724	140.00	621	206.00	73
61.00	39640	104.00	4438	141.00	10892	207.00	575
62.00	40280	105.00	1534	142.00	1251	208.00	273
63.00	33064	106.00	4403	143.00	11727	210.00	74
64.00	2628	107.00	805	144.00	612	218.00	102
65.00	232	109.00	159	145.00	1008	221.00	168
67.00	2182	110.00	497	146.00	1426	232.00	91
68.00	101464	111.00	778	147.00	665	239.00	68
69.00	99008	112.00	492	148.00	2246	249.00	16
70.00	7788	113.00	1076	149.00	834	253.00	177
71.00	399	115.00	867	150.00	1258	260.00	102
72.00	3945	116.00	3845	152.00	597		
73.00	37552	117.00	5496	153.00	803		

Data File:	gfbw001.d	Date:	05-NOV-2010 13:22
Client ID:	BFB	Instrument:	G.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.012
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.021
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.025
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.027
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.014
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	Freon TF	187.38	0.20	U	0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.015
67-64-1	Acetone	58.08	5.0	U	5.0	0.99
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.043
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.050
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.029
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.050
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.050
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.012
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.013
71-43-2	Benzene	78.11	0.20	U	0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.015
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.027
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.035
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.064
108-88-3	Toluene	92.14	0.20	U	0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.050
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.028
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.012
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.050
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.014
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.050
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.15
100-42-5	Styrene	104.15	0.20	U	0.20	0.050
75-25-2	Bromoform	252.75	0.20	U	0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.064
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.022

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.059
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.084
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.043
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.064
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.060
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.054
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.26
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	Freon TF	187.38	1.5	U	1.5	0.38
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.059
67-64-1	Acetone	58.08	12	U	12	2.4
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.11
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.16
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.091
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.10
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.30
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.047
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.081
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.053
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.19
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.24
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.29
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.27
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.041
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.061
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.061
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.11
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.075
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.074

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-9159/4

Matrix: Air Lab File ID: gfbw004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 16:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	18	U	18	0.13
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.23
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.26
108-88-3	Toluene	92.14	0.75	U	0.75	0.19
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.29
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.27
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.11
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.43
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.092
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.23
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.061
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.22
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.65
100-42-5	Styrene	104.15	0.85	U	0.85	0.21
75-25-2	Bromoform	252.75	2.1	U	2.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.34
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.31
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.31
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.33
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.24
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.23

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw004.d
Lab Smp Id: mb
Inj Date : 05-NOV-2010 16:04
Operator : wrd Inst ID: G.i
Smp Info : mb
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 15:05 wrd Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.183	7.199	(0.750)	9931	0.19406	0.19(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.574	9.595	(1.000)	592028	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	3004102	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

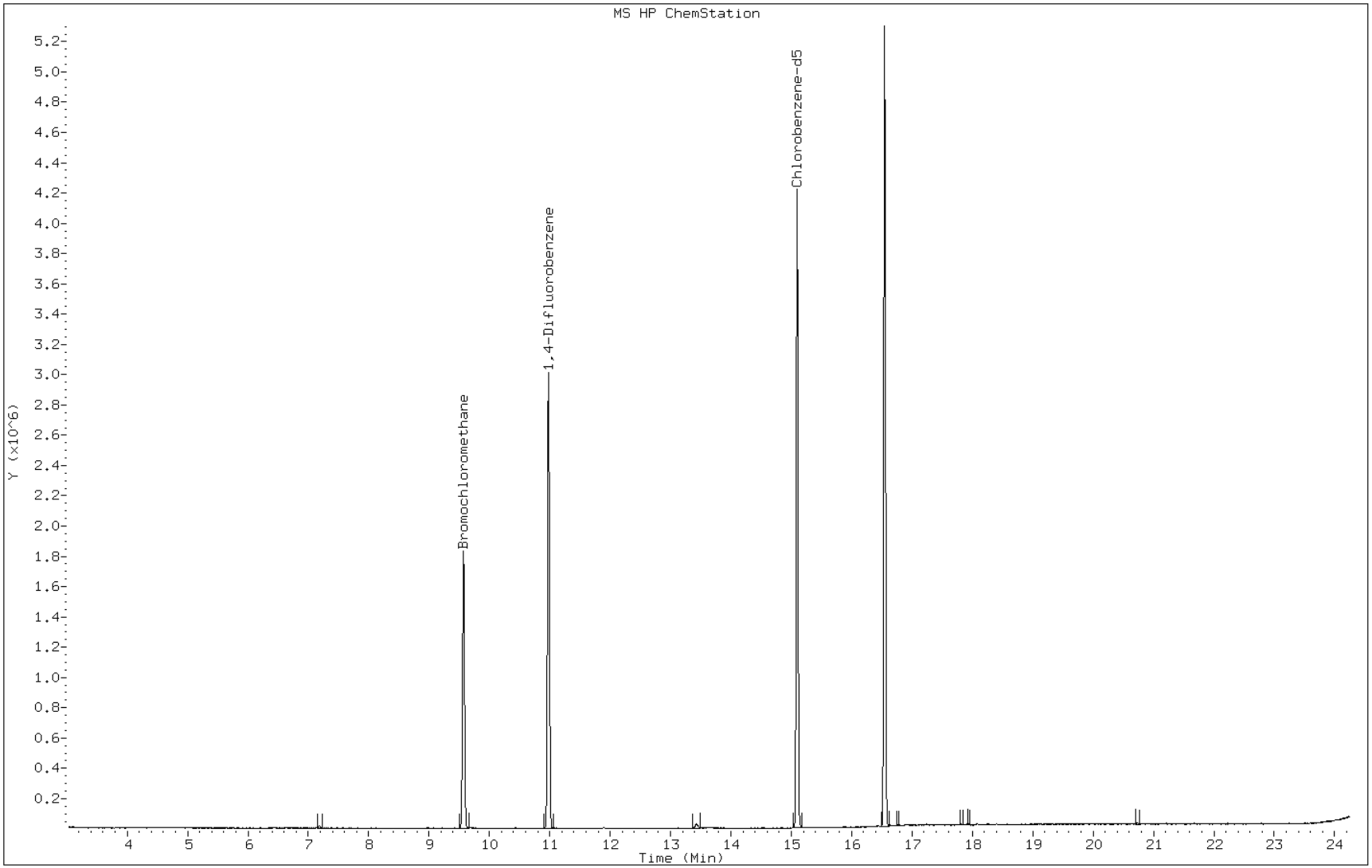
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.095	15.116	(1.000)	2791856	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: gfbw004.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 05-NOV-2010 16:04
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-9159/3

Matrix: Air Lab File ID: gfbw003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 15:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.06		0.50	0.012
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.69		0.20	0.012
74-87-3	Chloromethane	50.49	9.91		0.50	0.021
75-01-4	Vinyl chloride	62.50	9.96		0.20	0.025
106-99-0	1,3-Butadiene	54.09	10.6		0.20	0.027
74-83-9	Bromomethane	94.94	10.1		0.20	0.014
75-00-3	Chloroethane	64.52	11.1		0.50	0.10
593-60-2	Bromoethene(Vinyl Bromide)	106.96	10.6		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	10.6		0.20	0.050
76-13-1	Freon TF	187.38	11.6		0.20	0.050
75-35-4	1,1-Dichloroethene	96.94	11.4		0.20	0.015
67-64-1	Acetone	58.08	11.2		5.0	0.99
67-63-0	Isopropyl alcohol	60.10	11.1		5.0	0.043
75-15-0	Carbon disulfide	76.14	11.0		0.50	0.050
107-05-1	3-Chloropropene	76.53	11.9		0.50	0.029
75-09-2	Methylene Chloride	84.93	12.4		0.50	0.030
75-65-0	tert-Butyl alcohol	74.12	10.6		5.0	0.10
1634-04-4	Methyl tert-butyl ether	88.15	11.1		0.20	0.013
156-60-5	trans-1,2-Dichloroethene	96.94	11.4		0.20	0.050
110-54-3	n-Hexane	86.17	11.8		0.20	0.023
75-34-3	1,1-Dichloroethane	98.96	11.8		0.20	0.013
78-93-3	Methyl Ethyl Ketone	72.11	11.1		0.50	0.064
156-59-2	cis-1,2-Dichloroethene	96.94	11.0		0.20	0.050
540-59-0	1,2-Dichloroethene, Total	96.94	22.4		0.20	0.10
67-66-3	Chloroform	119.38	11.4		0.20	0.050
109-99-9	Tetrahydrofuran	72.11	12.2		5.0	0.10
71-55-6	1,1,1-Trichloroethane	133.41	11.0		0.20	0.050
110-82-7	Cyclohexane	84.16	11.1		0.20	0.012
56-23-5	Carbon tetrachloride	153.81	10.8		0.20	0.050
540-84-1	2,2,4-Trimethylpentane	114.23	12.0		0.20	0.013
71-43-2	Benzene	78.11	10.6		0.20	0.050
107-06-2	1,2-Dichloroethane	98.96	11.4		0.20	0.015
142-82-5	n-Heptane	100.21	12.1		0.20	0.027
79-01-6	Trichloroethene	131.39	10.8		0.20	0.014
78-87-5	1,2-Dichloropropane	112.99	11.4		0.20	0.016

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-9159/3

Matrix: Air Lab File ID: gfbw003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 11/05/2010 15:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 9159 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	88.11	10.1		5.0	0.035
75-27-4	Bromodichloromethane	163.83	11.4		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	10.9		0.20	0.050
108-10-1	methyl isobutyl ketone	100.16	12.3		0.50	0.064
108-88-3	Toluene	92.14	10.1		0.20	0.050
10061-02-6	trans-1,3-Dichloropropene	110.97	10.8		0.20	0.064
79-00-5	1,1,2-Trichloroethane	133.41	10.4		0.20	0.050
127-18-4	Tetrachloroethene	165.83	9.14		0.20	0.017
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.9		0.50	0.028
124-48-1	Dibromochloromethane	208.29	10.7		0.20	0.050
106-93-4	1,2-Dibromoethane	187.87	9.94		0.20	0.012
108-90-7	Chlorobenzene	112.30	9.68		0.20	0.050
100-41-4	Ethylbenzene	106.17	10.2		0.20	0.014
179601-23-1	m,p-Xylene	106.17	20.0		0.50	0.023
95-47-6	Xylene, o-	106.17	9.97		0.20	0.050
1330-20-7	Xylene (total)	106.17	29.9		0.20	0.15
100-42-5	Styrene	104.15	10.1		0.20	0.050
75-25-2	Bromoform	252.75	10.0		0.20	0.050
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.6		0.20	0.050
622-96-8	4-Ethyltoluene	120.20	10.5		0.20	0.064
108-67-8	1,3,5-Trimethylbenzene	120.20	10.3		0.20	0.064
95-49-8	2-Chlorotoluene	126.59	10.7		0.20	0.064
95-63-6	1,2,4-Trimethylbenzene	120.20	10.1		0.20	0.064
541-73-1	1,3-Dichlorobenzene	147.00	8.65		0.20	0.018
106-46-7	1,4-Dichlorobenzene	147.00	8.52		0.20	0.021
95-50-1	1,2-Dichlorobenzene	147.00	8.61		0.20	0.017
120-82-1	1,2,4-Trichlorobenzene	181.45	7.26		0.50	0.032
87-68-3	Hexachlorobutadiene	260.76	8.82		0.20	0.022

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfbwto15.b/gfbw003.d
Lab Smp Id: lcs 52749
Inj Date : 05-NOV-2010 15:13
Operator : wrd Inst ID: G.i
Smp Info : lcs 52749
Misc Info : 200,1
Comment :
Method : /chem/G.i/Gsvr.p/gfbwto15.b/to15v5.m
Meth Date : 05-Nov-2010 15:05 wrd Quant Type: ISTD
Cal Date : 01-OCT-2010 09:30 Cal File: gfb009.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	3.101	3.101	(0.324)	267554	8.89917	8.9
2	Dichlorodifluoromethane	85	3.160	3.160	(0.330)	1523042	9.05638	9.1
3	Chlorodifluoromethane	51	3.197	3.192	(0.334)	709077	9.54805	9.5
4	1,2-Dichloro-1,1,2,2-tetraflu	85	3.384	3.384	(0.353)	1245669	9.68673	9.7
5	Chloromethane	50	3.513	3.513	(0.367)	301395	9.91465	9.9
6	Butane	43	3.689	3.689	(0.385)	482010	9.87997	9.9
7	Vinyl chloride	62	3.727	3.727	(0.389)	375850	9.96306	10
8	1,3-Butadiene	54	3.796	3.796	(0.396)	267273	10.5882	11
9	Bromomethane	94	4.470	4.476	(0.467)	518085	10.0728	10
10	Chloroethane	64	4.700	4.700	(0.491)	226865	11.1133	11
11	2-Methylbutane	43	4.770	4.775	(0.498)	486687	10.7117	11
12	Vinyl bromide	106	5.091	5.096	(0.531)	570194	10.6013	11
13	Trichlorofluoromethane	101	5.182	5.187	(0.541)	1882511	10.6444	11
14	Pentane	43	5.310	5.316	(0.554)	761825	11.1961	11

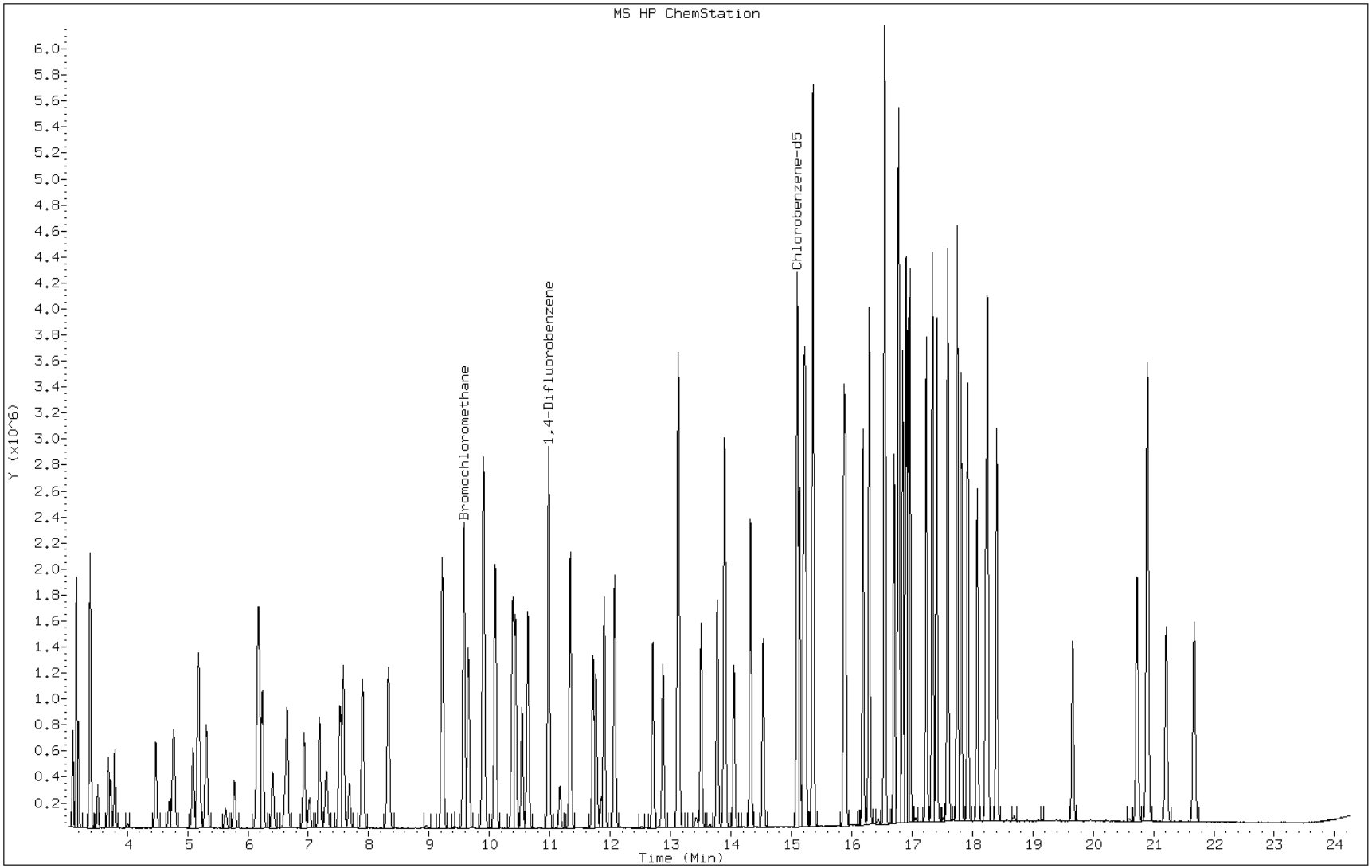
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	5.631	5.642	(0.588)	215296	14.3734	14
	16 Ethyl ether	59	5.776	5.781	(0.603)	298354	10.6947	11
	17 1,1,2-Trichloro-1,2,2-trifluo	101	6.177	6.182	(0.645)	1256097	11.5671	12
	18 Acrolein	56	6.140	6.150	(0.641)	123640	8.77440	8.8
	19 1,1-Dichloroethene	96	6.241	6.252	(0.652)	543813	11.4387	11
	20 Acetone	43	6.412	6.423	(0.669)	729503	11.2207	11
	21 Carbon disulfide	76	6.648	6.658	(0.694)	1576849	11.0483	11
	22 Isopropanol	45	6.610	6.621	(0.690)	494446	11.0657	11
	23 Allyl chloride	41	6.931	6.942	(0.724)	596603	11.9410	12
	24 Acetonitrile	41	7.022	7.033	(0.733)	287127	11.6778	12
	25 Methylene chloride	49	7.183	7.199	(0.750)	641968	12.3558	12
	26 Tert-butyl alcohol	59	7.300	7.311	(0.762)	780763	10.5671	11
	27 Methyl tert-butyl ether	73	7.525	7.541	(0.786)	1517907	11.1273	11
	28 1,2-Dichloroethene (trans)	61	7.579	7.589	(0.791)	855413	11.3837	11
	29 Acrylonitrile	53	7.680	7.696	(0.802)	314953	11.7223	12
	30 n-Hexane	57	7.900	7.910	(0.825)	747967	11.7685	12
	31 1,1-Dichloroethane	63	8.317	8.333	(0.868)	1045317	11.7899	12
	32 Vinyl acetate	43	8.338	8.354	(0.870)	1175197	11.9628	12
M	33 1,2-Dichloroethene,Total	61				1443004	22.3879	22
	34 1,2-Dichloroethene (cis)	96	9.210	9.226	(0.961)	587590	11.0042	11
	35 Ethyl acetate	88	9.232	9.248	(0.964)	35010	10.7966	11
	36 Methyl Ethyl Ketone	72	9.216	9.232	(0.962)	213380	11.0608	11(Q)
*	37 Bromochloromethane	128	9.579	9.595	(1.000)	601070	10.0000	(Q)
	38 Tetrahydrofuran	42	9.585	9.601	(0.873)	464606	12.1833	12
	39 Chloroform	83	9.649	9.665	(1.007)	1404184	11.3636	11
	40 Cyclohexane	84	9.906	9.916	(0.902)	695174	11.1493	11
	41 1,1,1-Trichloroethane	97	9.900	9.916	(0.902)	1570719	10.9631	11
	42 Carbon tetrachloride	117	10.098	10.114	(0.920)	1762344	10.8207	11
	43 2,2,4-Trimethylpentane	57	10.387	10.398	(0.946)	2451496	11.9957	12
	44 Benzene	78	10.435	10.451	(0.950)	1619336	10.6118	11
	45 1,2-Dichloroethane	62	10.542	10.558	(0.960)	1002458	11.3930	11
	46 n-Heptane	43	10.639	10.655	(0.969)	892795	12.0593	12
*	47 1,4-Difluorobenzene	114	10.981	11.002	(1.000)	2897735	10.0000	
	48 n-Butanol	56	11.174	11.184	(1.018)	210132	11.4767	11
	49 Trichloroethene	95	11.339	11.355	(1.033)	865037	10.7836	11
	50 1,2-Dichloropropane	63	11.719	11.735	(1.067)	563822	11.4184	11
	51 Methyl methacrylate	69	11.767	11.789	(1.072)	498827	11.4324	11
	52 Dibromomethane	174	11.901	11.922	(1.084)	792673	9.46963	9.5
	53 1,4-Dioxane	88	11.848	11.864	(1.079)	210494	10.0572	10
	54 Bromodichloromethane	83	12.072	12.094	(1.099)	1551138	11.4095	11
	55 1,3-Dichloropropene (cis)	75	12.709	12.725	(1.157)	980003	10.9281	11
	56 Methyl isobutyl ketone	43	12.869	12.891	(1.172)	1092622	12.3453	12
	57 n-Octane	43	13.121	13.137	(1.195)	1175800	11.8050	12
	58 Toluene	92	13.137	13.153	(0.870)	1123806	10.0806	10
	59 1,3-Dichloropropene (trans)	75	13.506	13.522	(1.230)	1054695	10.7600	11
	60 1,1,2-Trichloroethane	83	13.774	13.795	(0.912)	586852	10.4246	10
	61 Tetrachloroethene	166	13.897	13.913	(0.920)	1129332	9.13707	9.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	62 2-Hexanone	43	14.052	14.068	(0.931)	1043805	11.9462	12
	63 Dibromochloromethane	129	14.325	14.346	(0.949)	1573710	10.7250	11
	64 1,2-Dibromoethane	107	14.533	14.549	(0.962)	1168380	9.93940	9.9
*	65 Chlorobenzene-d5	117	15.100	15.116	(1.000)	2826281	10.0000	
	66 Chlorobenzene	112	15.138	15.154	(1.002)	1574562	9.67570	9.7
	67 n-Nonane	57	15.234	15.250	(1.009)	1117963	11.5390	12
	68 Ethylbenzene	91	15.213	15.229	(1.007)	2578651	10.2238	10
	69 Xylene (m,p)	106	15.362	15.378	(1.017)	1912653	19.9700	20
M	70 Xylenes, Total	106				2869266	29.9360	30
	71 Xylene (o)	106	15.876	15.892	(1.051)	956613	9.96599	10
	72 Styrene	104	15.903	15.919	(1.053)	1438166	10.1094	10
	73 Bromoform	173	16.186	16.202	(1.072)	1572231	10.0046	10
	74 Isopropylbenzene	105	16.293	16.309	(1.079)	3012043	10.3897	10
	75 1,1,2,2-Tetrachloroethane	83	16.705	16.721	(1.106)	1492612	10.5693	11
	76 n-Propylbenzene	91	16.775	16.791	(1.111)	3510773	10.6803	11
	77 1,2,3-Trichloropropane	75	16.785	16.807	(1.112)	1214028	10.9344	11
	78 n-Decane	57	16.844	16.860	(1.115)	1378070	11.6714	12
	79 4-Ethyltoluene	105	16.903	16.914	(1.119)	3067146	10.5494	11
	80 2-Chlorotoluene	91	16.935	16.951	(1.122)	2942413	10.7217	11
	81 1,3,5-Trimethylbenzene	105	16.967	16.983	(1.124)	2558358	10.2609	10
	82 Alpha Methyl Styrene	118	17.235	17.251	(1.141)	1208179	10.2642	10
	83 tert-butylbenzene	119	17.336	17.352	(1.148)	2480426	10.4566	10
	84 1,2,4-Trimethylbenzene	105	17.411	17.422	(1.153)	2498049	10.1223	10
	85 sec-Butylbenzene	105	17.593	17.609	(1.165)	3566240	10.4194	10
	86 4-Isopropyltoluene	119	17.748	17.764	(1.175)	3061820	10.2792	10
	87 1,3-Dichlorobenzene	146	17.813	17.828	(1.180)	1618214	8.65304	8.7
	88 1,4-Dichlorobenzene	146	17.925	17.941	(1.187)	1575033	8.52225	8.5
	89 Benzyl chloride	91	18.085	18.101	(1.198)	2205431	10.0446	10
	90 Undecane	57	18.219	18.235	(1.207)	844298	8.97556	9.0
	91 n-Butylbenzene	91	18.251	18.267	(1.209)	2700788	10.8029	11
	92 1,2-Dichlorobenzene	146	18.406	18.422	(1.219)	1533287	8.61396	8.6
	93 Dodecane	57	19.664	19.680	(1.302)	655093	11.1698	11
	94 1,2,4-Trichlorobenzene	180	20.734	20.755	(1.373)	953912	7.25609	7.3
	95 1,3-Hexachlorobutadiene	225	20.899	20.921	(1.384)	1210100	8.82196	8.8
	96 Naphthalene	128	21.215	21.236	(1.405)	1989368	8.42044	8.4
	97 1,2,3-Trichlorobenzene	180	21.675	21.702	(1.435)	847973	8.05912	8.1

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File:	gfbw003.d	Date:	05-NOV-2010 15:13
Client ID:		Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	lcs 52749		
Lab Sample ID:	lcs 52749		



GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	GFB	Start Date:	10/04/10 Time: 0003	ISTD Lot #:	27767	Instrument ID: G
Test Method:	TO15	End Date:	10/05/10 Time: 0003	CAL STD Lot #	See comments	Instrument: 5973
ICAL Date:	09/30/10			ICV / LCS Lot #	↓	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Nicholas J. Rosso			
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0003	GFB001	NA	BFB	NA	1	—		NA	✓	NJR	
0050	002	4632	VIBLK		1	200	SV		✓		
0137	003	2575	IC-1		2				✓		55034
0227	004	2964	IC-2		3				✓		083
0315	005	3152	IC-3		4				✓		017
0403	006	2706	ICIS-4		5				✓		~~007~~ 007
0452	007	2972	IC-5		6				✓		KLP 10/04/10 003
0540	008	3089	IC-6		7				✓		000
0930	009	3366	IC-7		8	200	NJR		✓		54999 ~~499~~
1019	010	4632	VIBLK		1						
1107	011	3725	NA	1	9			✓	✓		52752
1218	012	5069	ICV	1	10			✓	✓		AG 52753

NJR 10/01/10

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID: G-FBW	Start Date: 11/5/10	Time: 1322		ISTD Lot #:	27767	Instrument ID: G
Test Method: TO15	End Date: 11/6/10	Time: 1322		CAL STD Lot #	21057	Instrument: 5973
ICAL Date: 10/1/10				ICV / LCS Lot #	52249	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1322	G-FBW 001	NA	BFB	NA	1		WND	NA	✓	WND	
1424	02	3510	CCV		1	200		—	✓	SV	AG
1513	03	3142	LCS		2	〃		✓	✓	〃	AG
1604	04	4983	MB		3	〃		✓	✓	〃	
1653	05	Bag	2350-1	33.3	4	120		✓	✓	SV	1:20 dil
1741	06	2907	2310-6	2	5	100		✓	✓	〃	DL
1830	07	2977	〃	2	5	100		✓	✓	〃	A (Duplicate)
1918	08	3688	2300-8	1	6	200		✓	✓	〃	1L ind cart
2007	09	4349	2308-1	5	7	40		✓	✓	SV	TO15 TICs
2055	10	2669	-2	1	8	200		✓	↑	〃	Acetone R 1:5
2144	11	5108	-3		9	〃		✓	↑	NJV	Ace 73 R 1:3
2232	12	3272	-4	1	10	〃		✓	↑	〃	Ace 75 ↓
2321	13	3460	13882-1	1	11	200		✓	✓	〃	C
0009	14	4343	-2	2	12	100		✓	✓	〃	R1:1
0058	15	4304	-3	1	13	200		✓	✓	〃	C
0147	16	5138	-4	1	14	200		✓	✓	〃	C
0235	17	4014	-5	2	15	100		✓	✓	〃	C High IC
0324	18	3336	-6	1	16	200		✓	✓	〃	C
0413	19	5142	-7	〃	1	〃		✓	✓	〃	C
0501	20	4778	-8	〃	2	〃		✓	✓	〃	C
0550	21	4461	-9	〃	3	〃		✓	✓	〃	C
0686	22	2669	2308-2	5	8	40	SV	✓	✓	〃	"DL" C
0731	23	2596	2347-2	0.2	4	1000	SV	✓	↑	〃	RA
0823	24	2986	2329-10	0.2	5	1	〃	✓	✓	〃	
0940	25	5106	2308-03	2.67	9	75	NJV	✓	✓	NJV	"DL" C
1029	26	3272	2308-04	2.67	10	75	〃	✓	✓	〃	"DL" C
1117	27	4343	13882-62	.1	12	200	〃	✓	✓	〃	✓

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID:	GFBW	Start Date:	11/04/10 Time: 1322	ISTD Lot #: See pg 76	Instrument ID: G
Test Method:	TO15	End Date:	11/05/10 Time: 1322	CAL STD Lot #	Instrument: 5973
ICAL Date:	10/01/10			ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1210	GFBW028	2596	2347-02	0.2	4	1000	NJK	✓	✓	NJK	~~Reclean~~ NJK 11/07/10
1258	↓ 029	3308	2348	↓ 1	6	200	↓	✓	✓	NJK	C

NJK 11/8/10

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Start Date: 10/01/2010 00:03

Analysis Batch Number: 7345 End Date: 10/01/2010 12:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-7345/1		10/01/2010 00:03	1	gfb001.d	RTX-624 0.32(mm)
VIBLK 200-7345/2		10/01/2010 00:50	1		RTX-624 0.32(mm)
IC 200-7345/3		10/01/2010 01:39	1	gfb003.d	RTX-624 0.32(mm)
IC 200-7345/4		10/01/2010 02:27	1	gfb004.d	RTX-624 0.32(mm)
IC 200-7345/5		10/01/2010 03:15	1	gfb005.d	RTX-624 0.32(mm)
ICIS 200-7345/6		10/01/2010 04:03	1	gfb006.d	RTX-624 0.32(mm)
IC 200-7345/7		10/01/2010 04:52	1	gfb007.d	RTX-624 0.32(mm)
IC 200-7345/8		10/01/2010 05:40	1	gfb008.d	RTX-624 0.32(mm)
IC 200-7345/9		10/01/2010 09:30	1	gfb009.d	RTX-624 0.32(mm)
VIBLK 200-7345/10		10/01/2010 10:19	1		RTX-624 0.32(mm)
ZZZZZ		10/01/2010 11:07	1		RTX-624 0.32(mm)
ICV 200-7345/12		10/01/2010 12:18	1	gfb012.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 220-13862-1

SDG No.:

Instrument ID: G.i Start Date: 11/05/2010 13:22

Analysis Batch Number: 9159 End Date: 11/06/2010 12:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-9159/1		11/05/2010 13:22	1	gfbw001.d	RTX-624 0.32(mm)
CCVIS 200-9159/2		11/05/2010 14:24	1	gfbw002.d	RTX-624 0.32(mm)
LCS 200-9159/3		11/05/2010 15:13	1	gfbw003.d	RTX-624 0.32(mm)
MB 200-9159/4		11/05/2010 16:04	1	gfbw004.d	RTX-624 0.32(mm)
ZZZZZ		11/05/2010 16:53	33.3		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 17:41	2		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 18:30	2		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 19:18	1		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 20:07	5		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 20:55	1		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 21:44	1		RTX-624 0.32(mm)
ZZZZZ		11/05/2010 22:32	1		RTX-624 0.32(mm)
220-13862-1	CE-AA	11/05/2010 23:21	1	gfbw013.d	RTX-624 0.32(mm)
ZZZZZ		11/06/2010 00:09	2		RTX-624 0.32(mm)
220-13862-3	CE-VAPOR-2	11/06/2010 00:58	1	gfbw015.d	RTX-624 0.32(mm)
220-13862-4	CE-VAPOR-3	11/06/2010 01:47	1	gfbw016.d	RTX-624 0.32(mm)
220-13862-5	CE-VAPOR-4	11/06/2010 02:35	2	gfbw017.d	RTX-624 0.32(mm)
220-13862-6	CE-VAPOR-5	11/06/2010 03:24	1	gfbw018.d	RTX-624 0.32(mm)
220-13862-7	CE-VAPOR-6	11/06/2010 04:13	1	gfbw019.d	RTX-624 0.32(mm)
220-13862-8	CE-VAPOR-7	11/06/2010 05:01	1	gfbw020.d	RTX-624 0.32(mm)
220-13862-9	CE-VAPOR-8	11/06/2010 05:50	1	gfbw021.d	RTX-624 0.32(mm)
ZZZZZ		11/06/2010 06:38	5		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 07:31	0.2		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 08:23	0.2		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 09:40	2.67		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 10:29	2.67		RTX-624 0.32(mm)
220-13862-2	CE-VAPOR-1	11/06/2010 11:17	1	gfbw027.d	RTX-624 0.32(mm)
ZZZZZ		11/06/2010 12:10	0.2		RTX-624 0.32(mm)
ZZZZZ		11/06/2010 12:58	1		RTX-624 0.32(mm)

Shipping and Receiving Documents

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

13862

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Gres	1 of 2 COCs
Company: AKRF, Inc.	Phone: (646) 388-9525		
Address: 440 Park Ave South - 7th flor	Email: Kbrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Gres		
FAX: 212-726-0942	TA Contact: Erin Arasate		
Project Name: CE Flushing (Flushing Industrial Park)	Analysis Turnaround Time		
Site: 40th Road and College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-AA (1)	10/29/10	1336	1406	-29	-4	4591	3460	X							X			
CE-VAPOR-1 (2)	10/29/10	1421	1451	-29	-4	4701	4343	X								X		
CE-VAPOR-2 (3)	10/29/10	1422	1452	-30	-6	4585	4304	X								X		
CE-VAPOR-3 (4)	10/29/10	1422	1452	-30	-6	4597	5138	X								X		
CE-VAPOR-4 (5)	10/29/10	1423	1453	-28	-3	4679	4014	X								X		
CE-VAPOR-5 (6)	10/29/10	1333	1403	-29	-1	4608	3336	X								X		

Temperature (Fahrenheit)	Interior	Ambient
Start	52°	52°
Stop	52°	52°

Pressure (inches of Hg)	Interior	Ambient
Start	29.57	29.57
Stop	29.57	29.57

Special Instructions/QC Requirements & Comments:

CE-AA = Ambient Air
CE-VAPOR-1 to CE-VAPOR-5 = Soil Gas (SSDS)

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by: Steve Gres	Date/Time: 10/29/10 - 1700hrs	Received by: Albert Gramaty	11/1/10 0949
Relinquished by: Albert Gramaty	Date/Time: 11/1/10 1514	Received by: [illegible]	

PASSED RAD SCREEN

Lab Use Only: Shipper Name: Opened by: Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

13862

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Gras	2 of 2 COCs
Company: AKRF, Inc.	Phone: (646) 388-9525		
Address: 440 Park Ave. South - 7th floor	Email: kbrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Gras		
FAX: 212-726-0942	TA Contact: Erin Avasate		
Project Name: CE Flushing (Flushing Ind. Park)	**Analysis Turnaround Time**		
Site: 40th Road & College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-6 (7)	10/29/10	1332	1402	-30	-1	4624	5142	X									X		
CE-VAPOR-7 (8)	10/29/10	1332	1402	-30	-1	4683	4778	X									X		
CE-VAPOR-8 (9)	10/29/10	1331	1401	-29.5	-1	4590	4461	X									X		

Temperature (Fahrenheit)			
	Interior	Ambient	
Start		52°	
Stop		52°	

Pressure (Inches of Hg)			
	Interior	Ambient	
Start		29.57	
Stop		29.57	

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by:	Date/Time: 10/29/10 1700 hrs.	Received by:	11/1/10 0944
Relinquished by:	Date/Time: 11/1/10 1514	Received by:	PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-13862-1

Login Number: 13862
List Source: TestAmerica Connecticut
Creator: Blocker, Kristina
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: AKRF Inc

Job Number: 220-13862-1

Login Number: 13862
List Source: TestAmerica Burlington
Creator: Keeton, Jamie
List Creation: 11/03/10 02:19 PM
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	False	SEE NCM
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Duhancik, Jill M	Carrier Tracking No(s):	COC No: 220-6669.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jill.duhancik@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 220-13862-1
Address: 30 Community Drive, Suite 11,	Due Date Requested: 11/16/2010			
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel)	PO #:			
Email:	WO #:			
Project Name: 30141-0116 CE Flushing Industrial Park A	Project #: 22003387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TO15/Air_Summa_Can TO15all.sub	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
CE-AA	10/29/10	14:06 Eastern		Air			X	1	
CE-VAPOR-1	10/29/10	14:51 Eastern		Air			X	1	
CE-VAPOR-2	10/29/10	14:52 Eastern		Air			X	1	
CE-VAPOR-3	10/29/10	14:52 Eastern		Air			X	1	
CE-VAPOR-4	10/29/10	14:53 Eastern		Air			X	1	
CE-VAPOR-5	10/29/10	14:03 Eastern		Air			X	1	
CE-VAPOR-6	10/29/10	14:02 Eastern		Air			X	1	
CE-VAPOR-7	10/29/10	14:02 Eastern		Air			X	1	
CE-VAPOR-8	10/29/10	14:01 Eastern		Air			X	1	

Page 381 of 385

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
11/16/2010		11.2.10 1700			11/3/10 1000	TA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A | Cooler Temperature(s) °C and Other Remarks: Air

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

13862

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Green	1 of 2 COCs
Company: AKRF, Inc	Phone: (646) 388-9525		
Address: 440 Park Ave South - 7th flr	Email: KBrunner@akrf.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Green		
FAX: 212-726-0942	TA Contact: Erin Aversate		
Project Name: CE Flushing (Flushing Industrial Park)	**Analysis Turnaround Time**		
Site: 40th Road and College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141-0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-AA (1)	10/29/10	1336	1406	-29	-4	4591	3460	X							X	X	X	
CE-VAPOR-1 (2)	10/29/10	1421	1451	-29	-4	4701	4343	X								X		
CE-VAPOR-2 (3)	10/29/10	1422	1452	-30	-6	4585	4304	X								X		
CE-VAPOR-3 (4)	10/29/10	1422	1452	-30	-6	4597	5138	X								X		
CE-VAPOR-4 (5)	10/29/10	1423	1453	-28	-3	4679	4014	X								X		
CE-VAPOR-5 (6)	10/29/10	1333	1403	-29	-1	4608	3336	X								X		

Temperature (Fahrenheit)	Interior	Ambient
Start	52°	52°
Stop	52°	52°

Pressure (Inches of Hg)	Interior	Ambient
Start	29.57	29.57
Stop	29.57	29.57

Special Instructions/QC Requirements & Comments:

CE-AA = Ambient Air
CE-VAPOR-1 to CE-VAPOR-5 = Soil Gas (SSDS)

Samples Shipped by:	Date/Time:	Samples Received by: 11/3/10 1000
Samples Relinquished by: Steve Green	Date/Time: 10/29/10 - 1700hrs	Received by: 11/1/10 0949
Relinquished by:	Date/Time: 11/1/10 1514	Received by:

PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

13862

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Kathleen Brunner	Samples Collected By: Steve Greis	2 of 2 COCs
Company: AKRF, Inc.	Phone: (646) 388-9525		
Address: 440 Park Ave. South - 7th floor	Email: kbrunner@akrfcorp.com		
City/State/Zip New York, NY 10016			
Phone: 646-388-9525	Site Contact: Steve Greis		
FAX: 212-726-0942	TA Contact: Erin Amsatis		
Project Name: CE Flushing (Flushing Int. Park)	Analysis Turnaround Time		
Site: 110th Road & College Point Blvd. Flushing, NY	Standard (Specify) Standard		
PO # 30141.0116	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1945	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas (SSDS)	Landfill Gas	Other (Please specify in notes section)
CE-VAPOR-6 (7)	10/29/10	1332	1402	-30	-1	4624	5142	X									X		
CE-VAPOR-7 (8)	10/29/10	1332	1402	-30	-1	4683	4778	X									X		
CE-VAPOR-8 (9)	10/29/10	1331	1401	-29.5	-1	4590	4461	X									X		

	Temperature (Fahrenheit)		
	Interior	Ambient	
Start		52°	
Stop		52°	

	Pressure (inches of Hg)		
	Interior	Ambient	
Start		29.57	
Stop		29.57	

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time:	Samples Received by:	
Samples Relinquished by:	Date/Time: 10/29/10 1700 hrs.	Received by:	11/1/10 0944
Relinquished by:	Date/Time: 11/1/10 1514	Received by	11/3/10 1000

PASSED RAD SCREEN

Lab Use Only Shipper Name: Opened by: Condition:

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
AKRF	220-13862	11/4/10	0915	29.6	22	G5	WNJ

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	3460	0.0		4591	Y	3323 FDUG	200 ml/min
2	4343	-3.2		4701		3282 GFBD	
3	4304	0.5		4585		3323 FDUG	gauge off +8
4	5138	-3.5		4597			
5	4014	-2.7		4679			
6	3336	-2.5		4608		5044 GFBG	
7	5142	-2.3		4624		3323 FDUG	
8	4778	-1.7		4683		5044 GFBG	
9	4461	-2.9		4590		3282 GFBD	

11/4/10

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # _____

Burlington Facility
Internal Chain of Custody Log (ICOC)

Project Information:	
Login # 220-13862	Method: TO15
Client STL-CTS	LAB IDs: 220-13862-1 thru 220-13862-9

Samples associated with this login were placed into storage on 11/3/10 (Date) 1440 (Time[2]) by: _____ *Sample Custodian Signature*

Storage Location: AIR STORAGE *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: __ Refrigeration __ Frozen ✓ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		1-9	~~11/5/10~~ 11/4/10	0912	✓					
✓		1-9	11/4/10	0950		✓				
✓		1-3	11/4/10	2000			✓			
✓		1-9	11/5/10	1620		✓				
✓		11	11/6/10	1400			✓			

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

APPENDIX J

SITE-WIDE INSPECTION LOG

SITE-WIDE INSPECTION FORM
FLUSHING INDUSTRIAL PARK
COLLEGE POINT BOULEVARD AND 40TH ROAD, FLUSHING, NEW YORK

Inspector: Steve Grens of AKRF, Inc. (accompanied by M. Nicholas of Related and B. Smith of Tishman)

Date: 12/20/10

1. Site Use Restrictions

No on-site vegetable gardens? None.

No groundwater withdrawal for potable/non-potable use? None.

Restricted residential use maintained? Residential Tower 3 is occupied and Residential Towers 1 and 2 are undergoing interior construction. The commerical/retail areas are occupied and are opened for the public.

2. Site Cap

Note the date that the annual site cap inspection was performed:
December 20, 2010, concurrent with site-wide inspection

Repairs made as noted during inspection?
Repairs to site cover were recommended. According to site representatives, repairs are anticipated to be performed in early 2011 and as part of the esplanade construction.

3. Soil Management

Note the date(s) of any soil disturbance activities conducted during the past year:
Soil excavation activities occurred from January through September 2010.

Proper soil management procedures implemented (cite appropriate close-out reports)?
Soil management procedures performed in accordance with the Site Management Plan, as documented in the forthcoming 2010 Site Management Report.

4. Groundwater Monitoring

Monitoring being conducted on a quarterly basis (note the dates of sampling conducted)?
No quarterly groundwater monitoring occurred in 2010 due to ongoing construction which damaged several groundwater wells. Re-installation of wells will occur when pavement of Parcel 3 is complete.

All on-site monitoring wells in working condition (note any repairs/replacement)?
Groundwater monitorings wells MW-41 and MW-42 are intact.

5. Recordkeeping

Check that the following records/reports are being maintained/completed (note report/log dates as appropriate):

1) Annual site cap inspection log: The 2009 site cover inspection report is maintained by AKRF, Inc. and Tishman.

2) Close-out report(s) for soil disburbance activities (including manifests for soil disposal): Annual Site Management Reports documenting soil disturbance activities are maintained by AKRF and Tishman.

3) Annual groundwater monitoring reports (including laboratory analytical data): Quarterly groundwater monitoring reports and annual Site Management Reports maintained by AKRF, Inc. and Tishman.

6. Comments

Quarterly groundwater monitoring will resume following reinstallation of the monitoring wells which will be completed upon grading and repair of site cover on Parcel 3 (to be completed as part of the esplanade construction).

APPENDIX K

INSTITUTIONAL AND ENGINEERING CONTROL CERTIFICATION FORMS

Enclosure 1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C241051

Site Name Flushing Industrial Park (Eastern) Parcel 1

Site Address: NW Corner of College Pt Boulevard & 40th Road Zip Code: 11354
City/Town: Flushing
County: Queens
Site Acreage: 5.4

Reporting Period: Jan. 1, Dec. 31, 2010
~~March 03~~, 2010 to ~~March 03, 2011~~

	YES	NO
1. Is the information above correct? See edits above.	☐	☑
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? See App. A of 2010 Site Management Report (SMR).	☑	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☑	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? Building permits issued based on approvals from city environmental agencies - see App. C of 2010 SMR.	☑	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development? Although certificates of occupancy issued for portions of site in 2010.	☑	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☐	☑

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues. See Sections 4.3 and 8.0 of 2010 SMR.

Signature of Owner, Remedial Party or Designated Representative

3/28/11
Date

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☐	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C241051

Description of Institutional Controls

Parcel	Owner	Institutional Control
5066-1201	Flushing Town Center III, L.P.	Building Use Restriction Ground Water Use Restriction Landuse Restriction Site Management Plan Soil Management Plan

Description of Engineering Controls

Parcel	Engineering Control
5066-1201	Alternate Water Supply Cover System Subsurface Barriers

Control Description for Site No. C241051

Control Description for Site No. C241051

Parcel: 5066-1201

Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity (or until extinguished in accordance with the terms hereof) in order to provide an effective and enforceable means of encouraging the reuse and development of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of hture uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls.

A. Site Management Plan. The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved Site Management Plan, dated December 2007 ("SMP"). The SMP, which is incorporated into the terms of this Environmental Easement, describes obligations that Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is a fundamental element of the Department's determination that the Controlled Property is and remains safe for a specific use, but not all uses. The Department may approve changes to the SMP for the Controlled Property from time to time on the basis of requests or information submitted by Grantor, and modifications in applicable statutes regulations, guidance or site conditions. The Department reserves a unilateral right to modify the SMP. Upon notice of not less than thirty (30) days the Department in exercise of its discretion and consistent with applicable law may revise the SMP. The notice shall be a final agency determination. The Grantor and all successors and assigns, assume the burden of performing all of the obligations contained in the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer:
Region 2
New York State Department of
Environmental Conservation
Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5401
or:
Site Control Section
Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway
Albany, New York 12233

B. The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

(i) The Controlled Property may be used for Restricted-Residential use, as defined in 6 NYCRR 375-1.8(g)(2)(ii), as long as the long-term Institutional and Engineering controls set forth in the SMP dated December 2007 and any subsequent amendments thereto as may be approved by the Department are employed. Such institutional and engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement, and include, but are not limited to the following:

a. an annual Inspection of the Controlled Property will be conducted and an annual certification will be submitted to the Department by a New York State Licensed Professional Engineer, stating that long-term institutional and engineering controls have been properly monitored and maintained, in accordance with the SMP (including documentation of any repairs conducted since the prior certification); and

b. the use of the groundwater underlying the Controlled Property for any purpose, including but not limited to, potable, process or irrigation water, is prohibited without the implementation of necessary water quality treatment as determined by the IVew York State Departments of Health and Environmental Conservation; and

c. any proposed soil excavation or other activities on the property below the composite cover (consisting of asphalt, concrete or a minimum of two (2) feet of clean fill (meeting the Part 375 SCO calculated as the lower of the SCOs for Residential Use and for Protection of Groundwater, or for which specific approval was given by NYSDEC) requires prior notification to NYSDEC, in accordance with the SMP, and the excavated soil and construction waste water must be managed, characterized, and properly disposed of in accordance with the SMP; and

d. single family housing, vegetable gardens, farming, schools and day care facility are prohibited on the

Control Description for Site No. C241051

Controlled Property; and
e. all Engineering Controls must be operated and maintained as specified in the SMP; and
f. data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP; and
g. on-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.
C. The Controlled Property may not be used for a less restricted level of use, such as residential use, nor may the parking areas be converted to other enclosed purposes,
without an amendment or the extinguishment of this Environmental Easement.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☐	☑

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.
See Sections 4.3 and 8.0 of 2010 Site Management Report.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C241051

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

_____ _____
Signature of Owner or Remedial Party Rendering Certification Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as a Professional Engineer for the _____
(Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

Date

Enclosure 1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C241078

Site Name Flushing Industrial Park (Western) Parcel 2

Site Address: NW Corner of College Pt Blvd & 40th Road Zip Code: 11354
City/Town: Flushing
County: Queens
Site Acreage: 7.0
Reporting Period: ~~March 03~~ Jan. 1, 2010 to ~~March 03, 2011~~ Dec. 31, 2010

	YES	NO
1. Is the information above correct?	☐	☑
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? See App. A of the 2010 Site Management Repot (SMR).	☑	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☑	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? Building permits issued based on approvals from city environmental agencies. See App. C of 2010 SMR. **If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.**	☑	☐
5. Is the site currently undergoing development? Although certificates of occupancy were issued in 2010 for portions of the site.	☑	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☐	☑

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues. See Sections 4.3 and 8.0 of the 2010 SMR.

Signature of Owner, Remedial Party or Designated Representative

3/28/11
Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☐	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C241078

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
5066-1201	Flushing Town Center III, L.P.	Building Use Restriction Ground Water Use Restriction Landuse Restriction Site Management Plan
5066-1205	Flushing Town Center III, L.P.	Building Use Restriction Ground Water Use Restriction Landuse Restriction Site Management Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
5066-1201	Alternate Water Supply Cover System Subsurface Barriers Vapor Mitigation
5066-1205	Alternate Water Supply Cover System Subsurface Barriers Vapor Mitigation

Control Description for Site No. C241078

Control Description for Site No. C241078

Parcel: 5066-1201

Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity (or until extinguished in accordance with the terms hereof) in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls.

A. Site Management Plan. The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved Site Management Plan, dated December 2007 ("SMP"). The SMP, which is incorporated into the terms of this Environmental Easement, describes obligations that Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is a fundamental element of the Department's determination that the Controlled Property is and remains safe for a specific use, but not all uses. The Department may approve changes to the SMP for the Controlled Property from time to time on the basis of requests or information submitted by Grantor, and modifications in applicable statutes regulations, guidance or site conditions. The Department reserves a unilateral right to modify the SMP. Upon notice of not less than thirty (30) days the Department in exercise of its discretion and consistent with applicable law may revise the SMP. The notice shall be a final agency determination. The Grantor and all successors and assigns, assume the burden of performing all of the obligations contained in the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer:
Region 2
New York State Department of
Environmental Conservation
Hunters Point Plaza
47-40 21 st Street
Long Island City, NY 1 1 101-5401
or:
Site Control Section Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway
Albany, New York 12233

The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

(l) The Controlled Property may be used for Restricted-Residential use, as defined in 6 NYCRR 375-1.8(g)(Z)(ii),.as long as the long-term Institutional and Engineering controls set forth in the SMP dated December 2007 and any subsequent amendments thereto as may be approved by the Department are employed. Such institutional and engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement, and include, but are not limited to the following:

a. an annual inspection of the Controlled Property will be conducted and an annual certification will be submitted to the Department by a New York State Licensed Professional Engineer, stating that long-term institutional and engineering controls have been properly monitored and maintained, in accordance with theSMP (including documentation of any repairs conducted since the prior certification); and

b. a soil vapor mitigation system consisting of a vapor barrier and sub-slab depressurization system under the building structure with retail use at grade must be inspected, certified, operated and maintained in accordance with the SMP; and

c. the use of the groundwater underlying the Controlled Property for any purpose, including but not limited to, potable, process or irrigation water, is prohibited without the implementation of necessary water quality treatment as determined by the New York State Departments of Health and Environmental Conservation; and

d. any proposed soil excavation or other activities on the property below the composite cover (consisting of asphalt, concrete or a minimum of two (2) feet of clean fill (meeting the Part 375 SCO calculated as the lower of the SCOs for Residential Use and for Protection of groundwater, or for which specific approval was given by NYSDEC) requires prior notification to NYSDEC, in accordance with the SMP, and the excavated soil and construction waste water must be managed, characterized, and properly disposed of in accordance with the SMP; and

e. single family housing, vegetable gardens, farming, schools and day care facility are prohibited on the Controlled Property; and

f. all Engineering Controls must be operated and maintained as specified in the SMP; and
g. data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP; and
h. on-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells and soil vapor monitoring points, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.

C. The Controlled Property may not be used for a less restricted level of use, such as residential use, nor may the parking areas be converted to other enclosed purposes, without an amendment or the extinguishment of this Environmental Easement.

Control Description for Site No. C241078

Parcel: 5066-1205

Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity (or until extinguished in accordance with the terms hereof) in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls.

A. Site Management Plan. The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved Site Management Plan, dated December 2007 ("SMP"). The SMP, which is incorporated into the terms of this Environmental Easement, describes obligations that Grantor assumes on behalf of Grantor, its successors and assigns.

The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is a fundamental element of the Department's determination that the Controlled Property is and remains safe for a specific use, but not all uses. The Department may approve changes to the SMP for the Controlled Property from time to time on the basis of requests or information submitted by Grantor, and modifications in applicable statutes regulations, guidance or site conditions. The Department reserves a unilateral right to modify the SMP.

Upon notice of not less than thirty (30) days the Department in exercise of its discretion and consistent with applicable law may revise the SMP. The notice shall be a final agency determination. The Grantor and all successors and assigns, assume the burden of performing all of the obligations contained in the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer:
Region 2
New York State Department of
Environmental Conservation
Hunters Point Plaza
47-40 21 st Street
Long Island City, NY 1 1 101-5401
or:
Site Control Section Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway
Albany, New York 12233

The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

(i) The Controlled Property may be used for Restricted-Residential use, as defined in 6 NYCRR 375-1.8(g)(Z)(ii), as long as the long-term Institutional and Engineering controls set forth in the SMP dated December 2007 and any subsequent amendments thereto as may be approved by the Department are employed. Such institutional and engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement, and include, but are not limited to the following:

a. an annual inspection of the Controlled Property will be conducted and an annual certification will be submitted to the Department by a New York State Licensed Professional Engineer, stating that long-term institutional and engineering controls have been properly monitored and maintained, in accordance with the SMP (including documentation of any repairs conducted since the prior certification); and

b. a soil vapor mitigation system consisting of a vapor barrier and sub-slab depressurization system under the building structure with retail use at grade must be inspected, certified, operated and maintained in accordance with the SMP; and

c. the use of the groundwater underlying the Controlled Property for any purpose, including but not limited to, potable, process or irrigation water, is prohibited without the implementation of necessary water quality treatment as determined by the New York State Departments of Health and Environmental Conservation; and

d. any proposed soil excavation or other activities on the property below the composite cover (consisting of asphalt, concrete or a minimum of two (2) feet of clean fill (meeting the Part 375 SCO calculated as the lower of the SCOs for Residential Use and for Protection of groundwater, or for which specific approval was given by NYSDEC) requires prior notification to NYSDEC, in accordance with the SMP, and the excavated soil and construction waste water must be managed, characterized, and properly disposed of in

accordance with
the SMP; and
e. single family housing, vegetable gardens, farming, schools and day care facility are prohibited on the Controlled Property; and .
f. all Engineering Controls must be operated and maintained as specified in the SMP; and
g. data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP; and
h. on-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells and soil vapor monitoring points, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.
C. The Controlled Property may not be used for a less restricted level of use, such as residential use, nor may the parking areas be converted to other enclosed purposes, without an amendment or the extinguishment of this Environmental Easement.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☐	☑

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.
See Sections 4.3 and 8.0 of the 2010 Site Management Report.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C241078

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

_____ _____
Signature of Owner or Remedial Party Rendering Certification Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as a Professional Engineer for the _____
(Owner or Remedial Party)

_____ _____ _____
Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification Stamp (Required for PE) Date

Enclosure 1
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C241079

Site Name Flushing Indust. Pk. (Western Waterfront) Parcel 3

Site Address: NW Corner of College Pt Blvd & 40th Road Zip Code: 11354
City/Town: Flushing
County: Queens
Site Acreage: 0.9

Reporting Period: ~~March 08~~ Jan. 1, 2010 to ~~March 08, 2011~~ Dec. 31, 2010

	YES	NO
1. Is the information above correct? See edits above	☐	☑
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, mered, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☑	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☐	☑

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.
See Sections 4.3 and 8.0 of the 2010 Site Management Report.

Signature of Owner, Remedial Party or Designated Representative

3/28/11
Date

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid? **If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.**	☐	☐
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☐	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C241079

Description of Institutional Controls

Parcel	Owner	Institutional Control
5066-1203	Flushing Town Center III, L.P.	
		Building Use Restriction
		Ground Water Use Restriction
		Landuse Restriction
		Site Management Plan
		Soil Management Plan
5066-1	Flushing Town Center III, L.P.	
		Building Use Restriction
		Ground Water Use Restriction
		Landuse Restriction
		Site Management Plan
		Soil Management Plan

Description of Engineering Controls

Parcel	Engineering Control
5066-1203	
	Cover System
5066-1	
	Alternate Water Supply
	Cover System
	Subsurface Barriers
	Vapor Mitigation

Control Description for Site No. C241079

Control Description for Site No. C241079

Parcel: 5066-1

Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity (or until extinguished in accordance with the terms hereof) in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls.

A. Site Management Plan. The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved Site Management Plan, dated November 2007 "SMP"). The SMP, which is incorporated into the terms of this Environmental Easement.,. describes obligations that Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Propaty, and providing certified reports to the NYSDEC, is a fundamental element of the Department's determination that the Controlled Property is and remains safe for a specific use, but not all uses. The Department may approve changes to the SMP for the Controlled Property from time to time on the basis of requests or information submitted by Grantor, and modifications in applicable statutes regulations, guidance or site conditions. The Department reserves a unilateral right to modify the SMP. The Grantor and all successors and assigns, assume the burden of performing all of the obligations contained in the SMP and obtaining an up-to-date version of the SMP fiom:

Regional Remediation Engineer:
Region 2
NYSDEC
Hunters Point Plaza
47-40 21 st Street
Long Island City, NY 1 1 101-5401
or:
Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233

B. The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

(l) The Controlled Property may be used for Restricted-Residential use, as defined in 6 NYCRR 375-1.8(g)(2)(ji), as long as the long-term Institutional and Engineering controls set forth in the SMP dated November 2007 and any subsequent amendments thereto as may be approved by the Department are employed. Such institutional and engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement, and include, but are not limited to the following:

a. In annual inspection of the Controlled Property will be conducted and an annual certification will be submitted to the Department by a New York State Licensed Professional Engineer, stating that long-tenn institutional and engineering controls have been properly monitored and maintained, in accordance with the SMP (including documentation of any repairs conducted since the prior certification); and

b. the use of the groundwater underlying the Controlled property for any purpose, including but not limited to, potable, process or irrigation water,is prohibited without the implementation of necessary water quality treatment as determined by the New York State Departments of Health and Environmental Conservation; and

c. any proposed soil excavation or other activities on the property below the composite cover (consisting of asphalt, concrete or a minimum of two (2)feet of clean fill (meeting the Part 375 Restricted Residential SCOs, or for which specific approval was given by NY SDEC) requires prior notification to NYSDEC, in accordance with the SMP, and the excavated soil and construction waste water must be managed, characterized, and properly disposed of In accordance with the SMP; and

d. single family housing, vegetable gardens, farming, schools and day care facility are prohibited on the Controlled Property, and

e. all Engineering Controls must be operated and maintained as specified In the SMP; and

f. data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP; and

g. on-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells,

Control Description for Site No. C241079

Parcel: 5066-1203

Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity (or until extinguished in accordance with the terms hereof) in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls.

A. Site Management Plan. The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved Site Management Plan, dated November 2007 "SMP"). The SMP, which is incorporated into the terms of this Environmental Easement, describes obligations that Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is a fundamenental element of the Department's determination that the Controlled Property is and remains safe for a specific use, but not all uses. The Department may approve changes to the SMP for the Controlled Property from time to time on the basis of requests or information submitted by Grantor, and modifications in applicable statutes regulations, guidance or site conditions. The Department reserves a unilateral right to modify the SMP. The Grantor and all successors and assigns, assume the burden of performing all of the obligations contained in the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer:
Region 2
NYSDEC
Hunters Point Plaza
47-40 21 st Street
Long Island City, NY 1 1 101-5401
or:
Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233

B. The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

(i) The Controlled Property may be used for Restricted-Residential use, as defined in 6 NYCRR 375-1.8(g)(2)(ji), as long as the long-term Institutional and Engineering controls set forth in the SMP dated November 2007 and any subsequent amendments thereto as may be approved by the Department are employed. Such institutional and engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement, and include, but are not limited to the following:

a. in annual inspection of the Controlled Property will be conducted and an annual certification will be submitted to the Department by a New York State Licensed Professional Engineer, stating that long-tenn institutional and engineering controls have been properly monitored and maintained, in accordance with the SMP (including documentation of any repairs conducted since the prior certification); and

b. the use of the groundwater underlying the Controlled Property for any purpose, including but not limited to, potable, process or irrigation water,is prohibited without the implementation of necessary water quality treatment as determined by the New York State Departments of Health and Environmental Conservation; and

c. any proposed soil excavation or other activities on the property below the composite cover (consisting of asphalt, concrete or a minimum of two (2)feet of clean fill (meeting the Part 375 Restricted Residential SCOs, or for which specific approval was given by NY SDEC) requires prior notification to NYSDEC, in accordance with the SMP, and the excavated soil and construction waste water must be managed, characterized, and properly disposed of in accordance with the SMP; and

d. single family housing, vegetable gardens, farming, schools and day care facility are prohibited on the Controlled Property, and

e. all Engineering Controls must be operated and maintained as specified in the SMP; and

f. data and Information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP; and

g. on-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells,

must be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.

C. The Controlled Property may not be used for a less restricted level of use, such as residential use without an amendment or the extinguishment of this Environmental Easement.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☐	☑

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.
See Sections 4.3 and 8.0 of the 2010 Site Management Report.

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. C241079

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

_____ _____
Signature of Owner or Remedial Party Rendering Certification Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as a Professional Engineer for the _____
(Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

Date