Stantec Consulting Services Inc.
12075 Corporate Parkway Suite 200, Mequon WI 53092-2649

December 7, 2021

Attention: Mr. Riley Neumann
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 North Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128

Reference: September 2021 Vapor Intrusion Assessment; Capitol Cleaners Property, 2101 East Capitol Drive, Shorewood, WI; BRRTS Activity #02-41-282945; Stantec Project #: 193707543

Dear Mr. Neumann,

This report documents the Vapor Intrusion Assessment completed by Stantec Consulting Services Inc. (Stantec), during September 2021, of a historical tetrachloroethene (PCE) release at Capitol Cleaners, 2101 East Capitol Drive, Shorewood, Wisconsin (herein referred to as "the Site"). The methods used to conduct this vapor intrusion assessment are consistent with those described in the workplan and cost estimate – vapor intrusion assessment letter dated January 22, 2020 (Stantec, 2020).

Based on the results of the vapor intrusion assessment activities, natural attenuation processes should continue to reduce residual contaminant concentrations such that Chapter NR 140 Wisconsin Administrative Code (NR 140) standards are achieved within a reasonable period of time.

BACKGROUND INFORMATION

A single-story building covers the majority of the Site which is served by a public water supply and sewer system. The Site has operated as a dry cleaner since at least the early 1990's.

PCE was detected in soil and groundwater during a petroleum release investigation of the adjoining property to the east. An off-site exemption request was filed on September 28, 2001, and a potential responsible party (PRP) letter was sent to Capitol Cleaners on November 7, 2001. During August 2008, Northern Environmental Technologies, Incorporated (Northern Environmental) completed four soil boreholes at the Site to assess if dry-cleaning activities resulted in a PCE release. PCE concentrations as high as 2,590 milligrams per kilogram were detected in subsurface soil samples adjacent to an existing dry cleaner machine. Northern Environmental summarized the findings in an August 29, 2008 report. Northern Environmental also submitted the Dry Cleaner Environmental Response Program Potential Claim Notification Form 4400-210 for the Site to the WDNR during August 2008. On September 3, 2008, the WDNR provided the Site owner a letter that required investigation of the PCE detected at the Site.

Since that time, the Site owner has received Notice of Noncompliance letters (dated September 30, 2011, May 16, 2014, and May 10, 2015) from the WDNR highlighting your responsibility to investigate the degree and extent of contamination at the Site. On August 5, 2019, the WDNR sent the Site owner a "Notice of Intent to Incur Expenses" letter related to the immediate need to complete a vapor intrusion assessment at the Site and adjacent properties. On October 30, 2019, on behalf of the Site owner, Stantec contacted the WDNR and requested guidance regarding the scope of the required vapor intrusion assessment. On January 22, 2020, Stantec submitted a workplan and cost estimate to the WDNR, which was based on WDNR site-specific requests.

During September, 2021, Stantec completed the vapor intrusion assessment of the Site. The investigation included outdoor air, indoor air and sub-slab air sample collection at the following addresses:

- 2107 East Capitol Drive, Shorewood, WI (commercial property)
- 2121 East Capitol Drive, Shorewood, WI (residential apartment property)
- 3936 North Frederick Avenue, Shorewood, WI (residential property)
- 3940 North Frederick Avenue, Shorewood, WI (residential property)

The Site layout and vapor sampling locations are presented on Figure 1.

METHODS OF INVESTIGATION

The vapor intrusion assessment included collecting indoor air and/or sub-slab soil vapor samples at the following properties:

Property Address	Property Use	Location Relative to the Site
2107 East Capitol Drive	Commercial	Adjoining property to the east of the Site
2121 East Capitol Drive	Apartment Building	Approximately 60 feet east of Site
3940 North Frederick Avenue	Single-Family Residential	Nearest structure south of the south of the site
3936 North Frederick Avenue	Single-Family Residential	Approximately 120 feet south of the Site

The methods used to complete the vapor intrusion assessment are summarized below.

Indoor Air Sampling

On September 27 and 28, 2021, Stantec personnel collected indoor air samples from the apartment building at 2121 East Capitol Drive, the residential homes at 3936 and 3940 North Frederick Avenue, and the commercial building at 2107 East Capitol Drive. Except for the 2121 East Capitol Drive property, Stantec collected two indoor air samples at each property, one from the basement (identified as BIA-1 through BIA-4) and one from the ground floor (identified as IA-1, IA-2, and IA-4). The 2121 East Capitol Drive property had a partial basement and did not have a suitable location to collect a basement indoor air sample.

Each indoor air sample collection device (6-liter Summa canister with 24-hour flow controller for the residential buildings, and 6-liter Summa canister with 8-hour flow controller for the commercial building) was positioned at a height considered to represent the normal breathing zone (approximately 3 to 5 feet above the lowest floor of the house [assumed to be the basement). After the allotted sample collection time, the canisters were sealed and collected for shipment to the project laboratory. The project laboratory was instructed to analyze the air samples for PCE, trichloroethylene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, and vinyl chloride using EPA Method TO-15.

Outdoor (ambient) Vapor Sampling

On September 28, 2021, Stantec collected an outdoor ambient air sample from the Site. The outdoor air sample was collected at an upwind location from the Site along the western exterior portion of the 3936 North Frederick Avenue residential home. The sample was collected using a 6-liter Summa canister with 24-hour flow controller. After approximately 24 hours, the canister was sealed and collected for shipment to the project laboratory.

Sub-Slab Vapor Sampling

On September 27, 2021 Stantec personnel installed sub-slab vapor monitoring points at the three residential properties (SS-1, SS-2 and SS-3) using a hammer drill. The adjoining commercial property owner of 2107 East Capitol Drive did not allow Stantec to install a sub-slab vapor monitoring point due to newly constructed hardwood flooring.

A 5/8-inch diameter drill bit was used to fully penetrate the concrete floor and allow for VaporPin® installation. The VaporPin® was fitted with a stainless-steel sealable hose barb to allow for sample collection. Vapor point locations relative to site features and areas of concern are illustrated on Figure 1.

After vapor point installation, Stantec personnel performed two leak tests consisting of a “shut-in test” to measure if a leak exists between the connections of the sample probe and the sample container and a “water dam” to measure if a leak exists between the seal of the vapor point and concrete. After successful shut-in and water dam tests, Stantec personnel purged the vapor point of three well volumes. Following purging, Stantec personnel collected “grab” samples using a laboratory provided 6-liter Summa canister. The sample canisters were labeled and submitted under chain-of-custody procedures to Eurofins TestAmerica (South Burlington, Vermont).

Stantec personnel obtained meteorological data from the nearest National Weather Service station during the sub-slab sample collection time period. Collected data included the minimum and maximum temperature, barometric pressure, and precipitation.

Between September 27 and 28, 2021 Stantec personnel collected soil vapor samples from SS-1, SS-2 and SS-3. Stantec completed a two-step method for quality control to ensure that soil vapor samples are representative. Prior to collecting a sample for laboratory analysis, Stantec conducted quality control measures as described below.

Step One – Shut-In Test

The shut-in test measured the airtightness of the fittings between the sample probe and the sample container. This process included the following steps:

1. A vacuum gage was connected to the sampling line between the soil vapor point and sample container (laboratory supplied Summa canister).
2. Valves to the soil vapor point and Summa canister were shut and air was removed from the sampling line using a hand-pump inducing a vacuum in the line of greater than 50 inches of water.
3. The vacuum reading was monitored for at least one minute to determine if vacuum remained steady. If the vacuum did not remain steady after one minute the connections were tightened and the shut-in test was repeated until a steady vacuum reading was observed.

Step Two – Water Dam Test

The water dam test is used to determine if the soil vapor point seal is preventing outside air from entering the soil vapor point. This process included the following steps:

1. A small enclosure (a short section of a 2-inch PVC pipe, for instance) was sealed to the floor around the sub-slab vapor probe and filled with water.
2. If the water placed in the casing maintains a constant level, the test confirms that no leaks are present in the vapor sample probe.

Stantec successfully completed the shut-in and water dam tests for SS-1, SS-2, and SS-3 on the first attempt.

After successfully completing the quality control measures, Stantec collected sub-slab samples from SS-1, SS-2, and SS-3 using 6-liter Summa canisters provided by Eurofins TestAmerica, each equipped with a 30-minute air flow controller. The soil vapor/air samples were shipped to Eurofins TestAmerica under chain-of-custody protocol for analysis of VOCs by U.S. EPA Method TO-15.

Vapor Intrusion Screening – Atwater Elementary School Property

Atwater Elementary School is located north of East Capitol Drive with the school building approximately 220 feet north of the Site. As requested by the WDNR, Stantec completed the vapor intrusion screening process outlined in WDNR guidance document RR-800 as an initial vapor intrusion assessment of the school building. This initial screening did not include obtaining access to the Atwater Elementary School property or buildings.

RESULTS OF INVESTIGATION

VAPOR SAMPLING RESULTS

Stantec compared the indoor air and sub-slab vapor analytical results to calculated screening levels for sub-slab vapor to indoor air in accordance with the guidelines presented in the WDNR's Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin dated December 2010 and updated January 2018 (WDNR, PUB-RR-800). The WDNR assigned vapor risk screening levels (VRSL) based on the United States Environmental Protection Agency (USEPA) Air Screening Levels. The USEPA provided updated regional screening level tables in May 2021. The May 2021 USEPA screening levels have been utilized for this evaluation.

A summary of the vapor probe analytical data is presented in Table 1. The analytical data were compared to the calculated residential indoor air/sub-slab VRSL, and the calculated commercial indoor air VRSL. The only VOCs were detected in the vapor samples collected was PCE in sample locations SS-1, IA-2, SS-2, SS-3, IA-4, and BIA-4. None of the detected concentrations of PCE exceeded an applicable VRSL. No other VOCs were detected with laboratory detection levels all less than their applicable VRSLs. The laboratory analytical report for the September 2021 sampling event is included in Attachment A.

VAPOR INTRUSION SCREENING ATWATER ELEMENTARY SCHOOL

Site-specific information was used to determine whether vapor intrusion at the Atwater Elementary School is possible as a result of the historical PCE release at Capitol Cleaners. The Site-specific information used to evaluate potential vapor risks include; contaminant type, geology, preferential pathways, and distances from receptors.

- Contaminant Type: The contaminant of concern has confirmed to be PCE based on soil samples collected at the Site in 2008. PCE is considered a Chlorinated Volatile Organic Compound (CVOC) and does not degrade in vadose zone soils and may migrate long distances from the source of contamination. PCE presents a vapor risk at contaminated sites.
- Geology: Based on a Summary of Pre-Discovery activities completed by Northern Environmental in 2008, groundwater at the Site is greater than 16 feet below ground surface and flows east toward Lake Michigan. Therefore, the Atwater Elementary School is considered side-gradient from the Site with respect to groundwater flow. Any potential contamination in groundwater at the Site would most likely travel east and is unlikely to have travelled north toward the Atwater Elementary School. Groundwater samples have not been collected from the Site, and contamination is only documented in soil at the Site.
- Preferential Pathways: Utility corridors (gas, water, and sanitary sewer) at the Site enter/exit in the southwest corner (see Figure 1) and extend to N Frederick Avenue west of the Site. No known utility corridors extend directly from the Site north toward the Atwater Elementary School.
- Distances from receptors: The Atwater Elementary School facility is located approximately 220-feet north of the Site. Utility corridors present in East Capitol Drive are at least 175-feet south of the Atwater Elementary School. Since the Atwater School is located over 100-feet from the Site and CVOC impacted soil, vapor intrusion is unlikely.

CONCLUSIONS AND RECOMMENDATIONS

PCE (solvent historically released) was the only detected VOC in this vapor investigation. However, none of the detections of PCE exceeded an applicable WDNR VRSL. Therefore, the migration of PCE from the Site appears to be limited. Additionally, the results of the Vapor Intrusion Screening for the Atwater Elementary School suggest vapor intrusion pathway from the Site to the Atwater Elementary School is unlikely. Therefore, additional vapor investigation does not appear warranted.

Reference: **September 2021 Vapor Intrusion Assessment; Capitol Cleaners Property, 2101 East Capitol Drive, Shorewood, WI**

LIMITATIONS

The installation and sampling activities were performed in accordance with generally accepted practices of the profession for performing similar studies at the same time and in the same geographical area. Stantec observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranty is expressed or implied.

Stantec's observations, findings, and opinions must not be considered as scientific certainties, but only an opinion based on our professional judgment concerning the significance of the data gathered during the course of the investigation. Specifically, Stantec does not and cannot represent that the Site contains no hazardous or toxic materials or other latent condition beyond that observed by Stantec.

Regards,

STANTEC CONSULTING SERVICES INC.

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Senior Hydrogeologist/Project Manager
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Geologist
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Garrett.Simpson@stantec.com

Attachments: Figure 1 – Site Layout and Sampling Locations
Table 1 – Vapor Laboratory Results Summary
Attachment A – Laboratory Analytical Reports

REFERENCES

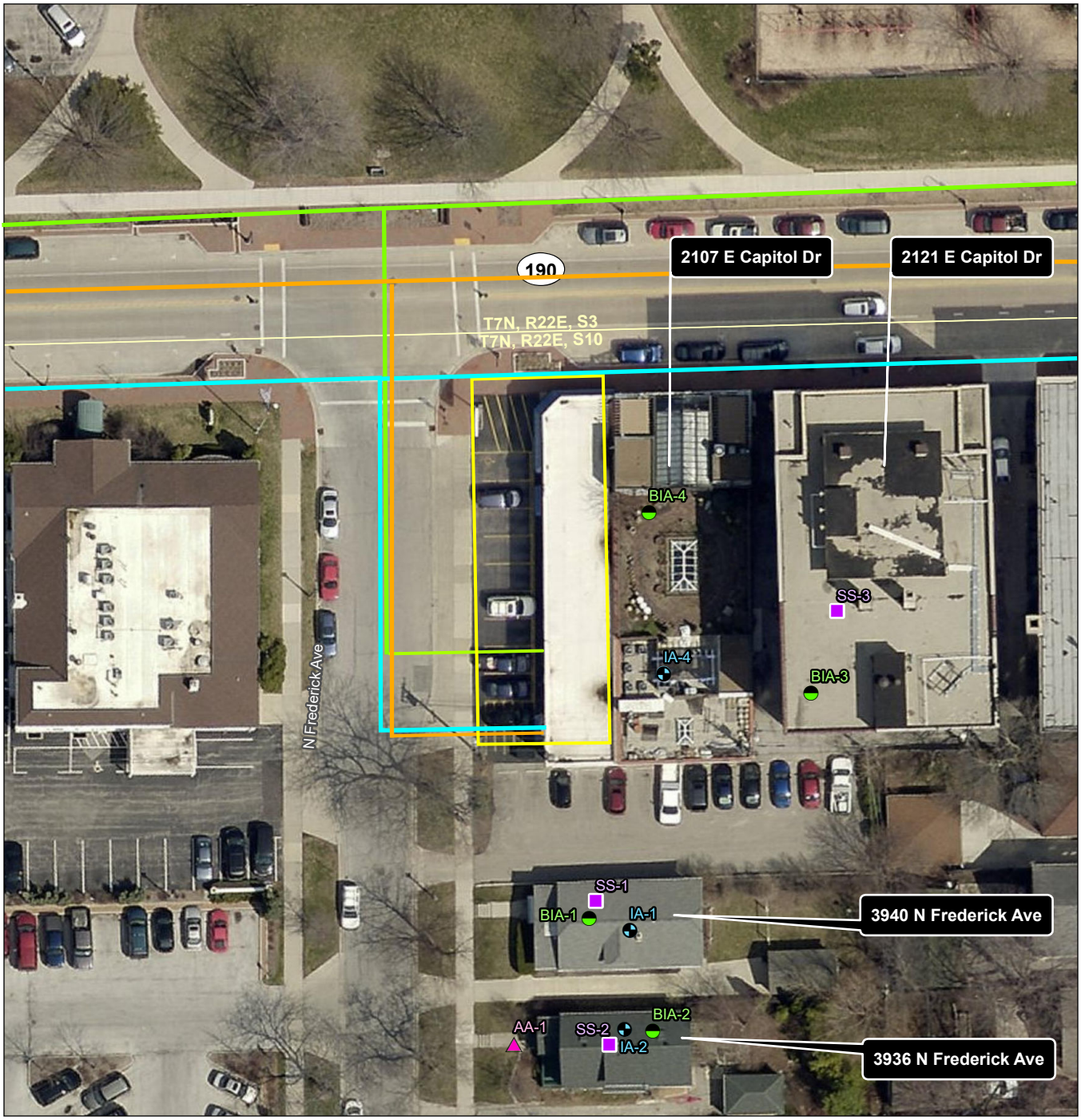
Northern Environmental, 2008 (August 29), “Summary of Pre-Discovery Activities; Capitol Cleaners, 2101 East Capitol Drive, Shorewood, Wisconsin; BRRTS #02-41-282945.”

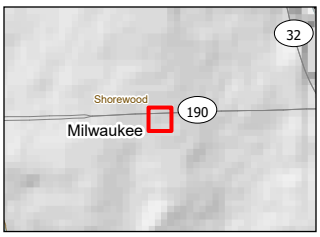
Stantec Consulting Services, 2020 (January 22), “Workplan and Cost Estimate – Vapor Intrusion Assessment; Capitol Cleaners, 2101 East Capitol Drive, Shorewood, Wisconsin; BRRTS #02-41-282945.”

Wisconsin Department of Natural Resources, 2014 (July). “Sub-Slab Vapor Sampling Procedures, RR-986.”

Wisconsin Department of Natural Resources, 2018 (January). “Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin. Wis. stat. ch. 292; Wis. Admin. Code ch. NR 700.”

FIGURES





Notes

1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. Data Sources: Stantec, Capitol Cleaners, WisDOT, WDNR
3. Background: Esri World Imagery

Legend

- Approximate Project Boundary
- Ambient Air Sampling Location
- Basement Indoor Air Sampling Location
- Indoor Air Sampling Location
- Sub-Slab Sampling Location

Utility Lines

- Sanitary Sewer
- Underground Natural Gas Line
- Water Main

0 25 50 Feet
(At original document size of 8.5x11)
1:600

N

Stantec

Project Location
T7N, R22E, S10
V. of Shorewood, Milwaukee Co., WI

Prepared by RA on 2021-10-12
TR by AS on 2021-10-12
IR by GS on 2021-10-13

Client/Project
193707543
Capitol Cleaners
Vapor Investigation

Figure No.
1

Title
Site Layout and Sample Locations

TABLES

Table 1: Sub-Slab, Indoor, & Outdoor Air Quality Laboratory Results, Capitol Cleaners, 2101 East Capitol Drive, Shorewood, Wisconsin

Sample Point	Sample Address	Shut-In Testing of Sampling Fittings** (Pass/Fail)	Water Dam QA/QC: Water Dam Leak Testing (Pass Fail)	Sample Start Date	Sample End Date	Sample Location	Sample Duration (hours)	Sample Duration (minutes)	Detected Volatile Organic Compounds (micrograms per cubic meter): cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Residential VRSL (micrograms per cubic meter)						Sub-Slab Residential (AF = 0.03)			NSL	1,400	1,390	70	56
						Indoor Residential Air (AF = 1)			NSL	42	42	2	2
Small-Commercial / Indoor Worker VRSL (micrograms per cubic meter)						Sub-Slab Commercial (AF = 0.03)			NSL	5,800	5,800	290	930
						Indoor Commercial Air (AF = 1)			NSL	180	180	9	28
Outdoor Worker VRSL (micrograms per cubic meter)						Outdoor Air (AF = 1)			NSL	195	195	10	31
AA-1	3936 N Frederick Ave	N/A	N/A	09/27/21	09/28/21	Ambient Air	23	56	<0.13	<0.18	<0.35	<0.13	<0.072
IA-1	3940 N Frederick Ave	N/A	N/A	09/27/21	09/28/21	Indoor Residential Air	23	41	<0.13	<0.18	<0.35	<0.13	<0.072
BIA-1	3940 N Frederick Ave	N/A	NA	09/27/21	09/28/21	Indoor Residential Air	23	35	<0.13	<0.18	<0.35	<0.13	<0.072
SS-1	3940 N Frederick Ave	PASS	PASS	09/27/21	09/27/21	Residential sub-slab	0	27	<0.65	580	<1.7	<0.64	<0.36
IA-2	3936 N Frederick Ave	N/A	N/A	09/27/21	09/28/21	Indoor Residential Air	24	10	<0.13	0.24 J	<0.35	<0.13	<0.072
BIA-2	3936 N Frederick Ave	N/A	N/A	09/27/21	09/28/21	Indoor Residential Air	24	4	<0.13	<0.18	<0.35	<0.13	<0.072
SS-2	3936 N Frederick Ave	PASS	PASS	09/27/21	09/27/21	Residential sub-slab	0	30	<0.13	110	<0.35	<0.13	<0.072
BIA-3	2121 E Capitol Dr	N/A	N/A	09/27/21	09/28/21	Indoor Residential Air	24	5	<0.13	<0.18	<0.35	<0.13	<0.072
SS-3	2121 E Capitol Dr	PASS	PASS	09/27/21	09/27/21	Residential sub-slab	0	40	<0.13	2.8	<0.35	<0.13	<0.072
IA-4	2107 E Capitol Dr	N/A	N/A	09/28/21	09/28/21	Indoor Commercial Air	5	15	<0.13	0.73 J	<0.35	<0.13	<0.072
BIA-4	2107 E Capitol Dr	N/A	N/A	09/28/21	09/28/21	Indoor Commercial Air	7	27	<0.13	2.2	<0.35	<0.13	<0.072

Note: Target Hazard Quotient (THQ) of 1 and Target Risk (TR) of 1E-05 per RR-800 (WDNR, January 2018)

AF = attenuation factor

NSL = no screening level assigned from USEPA Regional Screening Level (RSL) Table - May 2021

VAL = vapor action level

VRSL = vapor risk screening level

<x = analyte was not detected at a concentration greater than "x"

x = analyte exceeds applicable target air concentration

"J" = analyte exceeds the limit of detection but is below the limit of quantification

** = a vacuum of greater than 5 inches of mercury was applied to the hoses and fittings used to collect each sample. A passing grade was given if no drop in vacuum was observed after at least 1 minute

N/A = Not applicable

= Concentration exceeds residential sub-slab soil vapor VRSL

= Concentration exceeds residential indoor air VRSL

= Concentration exceeds commercial sub-slab soil vapor VRSL

= Concentration exceeds commercial indoor air VRSL

= Concentration exceeds outdoor worker air VRSL

All screening levels were determined based upon the guidance provided in the WDNR WI Vapor Quick Look-Up Table - Indoor Air Vapor Action Levels (WDNR, 2021) and Vapor Risk Screening Levels, (WDNR, 2021). The VAL and VRSLs were determined from the USEPA Regional Screening Level (RSL) Table - May 2021 per WDNR Publication RR-800 - Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin (WDNR, January 2018).

ATTACHMENT A

Laboratory Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

Laboratory Job ID: 200-60336-1
Client Project/Site: Capital Cleaners - 193607543

For:
Stantec Consulting Corp.
12075 Corporate Pkwy, Suite 200
Mequon, Wisconsin 53092

Attn: Garrett Simpson

Authorized for release by:
10/8/2021 9:56:41 AM
Diana Mockler, Project Manager I
(219)252-7570
Diana.Mockler@Eurofinset.com

Designee for

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-60336-1

Laboratory: Eurofins TestAmerica, Burlington

Narrative

Job Narrative
200-60336-1

Comments
No additional comments.

Receipt
The samples were received on 9/30/2021 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Receipt Exceptions

The following sample (FC for canister 9282) was listed on the Chain of Custody (COC); however, no Flow Controller (ID: 6239) was received: SS-1 (200-60336-3).

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: IA-1 — Lab Sample ID: 200-60336-1

No Detections.

Client Sample ID: BIA-1 — Lab Sample ID: 200-60336-2

No Detections.

Client Sample ID: SS-1 — Lab Sample ID: 200-60336-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	86		1.0	0.14	ppb v/v	5		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	580		6.8	0.92	ug/m3	5		TO-15	Total/NA

Client Sample ID: SS-2 — Lab Sample ID: 200-60336-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	16		0.20	0.027	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	110		1.4	0.18	ug/m3	1		TO-15	Total/NA

Client Sample ID: IA-2 — Lab Sample ID: 200-60336-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.036	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.24	J	1.4	0.18	ug/m3	1		TO-15	Total/NA

Client Sample ID: BIA-2 — Lab Sample ID: 200-60336-6

No Detections.

Client Sample ID: AA-1 — Lab Sample ID: 200-60336-7

No Detections.

Client Sample ID: BIA-3 — Lab Sample ID: 200-60336-8

No Detections.

Client Sample ID: SS-3 — Lab Sample ID: 200-60336-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.42		0.20	0.027	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.8		1.4	0.18	ug/m3	1		TO-15	Total/NA

Client Sample ID: IA-4 — Lab Sample ID: 200-60336-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.11	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.73	J	1.4	0.18	ug/m3	1		TO-15	Total/NA

Client Sample ID: BIA-4 — Lab Sample ID: 200-60336-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.32		0.20	0.027	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BIA-4 (Continued)

Lab Sample ID: 200-60336-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.2		1.4	0.18	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: IA-1
Date Collected: 09/28/21 08:26
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/01/21 21:07	1
Tetrachloroethene	<0.027		0.20	0.027	ppb v/v			10/01/21 21:07	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/01/21 21:07	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/01/21 21:07	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/01/21 21:07	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/01/21 21:07	1
Tetrachloroethene	<0.18		1.4	0.18	ug/m3			10/01/21 21:07	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/01/21 21:07	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/01/21 21:07	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/01/21 21:07	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: BIA-1
Date Collected: 09/28/21 08:30
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/01/21 22:00	1
Tetrachloroethene	<0.027		0.20	0.027	ppb v/v			10/01/21 22:00	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/01/21 22:00	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/01/21 22:00	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/01/21 22:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/01/21 22:00	1
Tetrachloroethene	<0.18		1.4	0.18	ug/m3			10/01/21 22:00	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/01/21 22:00	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/01/21 22:00	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/01/21 22:00	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: SS-1

Date Collected: 09/27/21 10:18
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.17		1.0	0.17	ppb v/v			10/02/21 05:01	5
Tetrachloroethene	**86**		1.0	0.14	ppb v/v			10/02/21 05:01	5
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ppb v/v			10/02/21 05:01	5
Trichloroethene	<0.12		1.0	0.12	ppb v/v			10/02/21 05:01	5
Vinyl chloride	<0.14		1.0	0.14	ppb v/v			10/02/21 05:01	5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.65		4.0	0.65	ug/m3			10/02/21 05:01	5
Tetrachloroethene	**580**		6.8	0.92	ug/m3			10/02/21 05:01	5
trans-1,2-Dichloroethene	<1.7		4.0	1.7	ug/m3			10/02/21 05:01	5
Trichloroethene	<0.64		5.4	0.64	ug/m3			10/02/21 05:01	5
Vinyl chloride	<0.36		2.6	0.36	ug/m3			10/02/21 05:01	5

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: SS-2

Date Collected: 09/27/21 11:40
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-4

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/02/21 05:53	1
Tetrachloroethene	**16**		0.20	0.027	ppb v/v			10/02/21 05:53	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/02/21 05:53	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/02/21 05:53	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/02/21 05:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/02/21 05:53	1
Tetrachloroethene	**110**		1.4	0.18	ug/m3			10/02/21 05:53	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/02/21 05:53	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/02/21 05:53	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/02/21 05:53	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: IA-2

Date Collected: 09/28/21 10:55
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-5

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/01/21 22:52	1
Tetrachloroethene	**0.036**	**J**	0.20	0.027	ppb v/v			10/01/21 22:52	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/01/21 22:52	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/01/21 22:52	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/01/21 22:52	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/01/21 22:52	1
Tetrachloroethene	**0.24**	**J**	1.4	0.18	ug/m3			10/01/21 22:52	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/01/21 22:52	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/01/21 22:52	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/01/21 22:52	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: BIA-2

Date Collected: 09/28/21 10:51
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-6

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/01/21 23:45	1
Tetrachloroethene	<0.027		0.20	0.027	ppb v/v			10/01/21 23:45	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/01/21 23:45	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/01/21 23:45	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/01/21 23:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/01/21 23:45	1
Tetrachloroethene	<0.18		1.4	0.18	ug/m3			10/01/21 23:45	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/01/21 23:45	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/01/21 23:45	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/01/21 23:45	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: AA-1

Date Collected: 09/28/21 10:32
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-7

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/02/21 00:37	1
Tetrachloroethene	<0.027		0.20	0.027	ppb v/v			10/02/21 00:37	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/02/21 00:37	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/02/21 00:37	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/02/21 00:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/02/21 00:37	1
Tetrachloroethene	<0.18		1.4	0.18	ug/m3			10/02/21 00:37	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/02/21 00:37	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/02/21 00:37	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/02/21 00:37	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: BIA-3

Date Collected: 09/28/21 12:30
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-8

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/07/21 21:43	1
Tetrachloroethene	<0.027		0.20	0.027	ppb v/v			10/07/21 21:43	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/07/21 21:43	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/07/21 21:43	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/07/21 21:43	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/07/21 21:43	1
Tetrachloroethene	<0.18		1.4	0.18	ug/m3			10/07/21 21:43	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/07/21 21:43	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/07/21 21:43	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/07/21 21:43	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: SS-3

Date Collected: 09/28/21 13:50
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-9

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/02/21 06:46	1
Tetrachloroethene	**0.42**		0.20	0.027	ppb v/v			10/02/21 06:46	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/02/21 06:46	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/02/21 06:46	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/02/21 06:46	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/02/21 06:46	1
Tetrachloroethene	**2.8**		1.4	0.18	ug/m3			10/02/21 06:46	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/02/21 06:46	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/02/21 06:46	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/02/21 06:46	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: IA-4

Date Collected: 09/28/21 14:15
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-10

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/02/21 02:23	1
Tetrachloroethene	**0.11**	**J**	0.20	0.027	ppb v/v			10/02/21 02:23	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/02/21 02:23	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/02/21 02:23	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/02/21 02:23	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/02/21 02:23	1
Tetrachloroethene	**0.73**	**J**	1.4	0.18	ug/m3			10/02/21 02:23	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/02/21 02:23	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/02/21 02:23	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/02/21 02:23	1

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: BIA-4

Date Collected: 09/28/21 16:30
Date Received: 09/30/21 11:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-60336-11

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/02/21 03:15	1
Tetrachloroethene	**0.32**		0.20	0.027	ppb v/v			10/02/21 03:15	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/02/21 03:15	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/02/21 03:15	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/02/21 03:15	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/02/21 03:15	1
Tetrachloroethene	**2.2**		1.4	0.18	ug/m3			10/02/21 03:15	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/02/21 03:15	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/02/21 03:15	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/02/21 03:15	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-172099/5
Matrix: Air
Analysis Batch: 172099

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/01/21 11:22	1
Tetrachloroethene	<0.027		0.20	0.027	ppb v/v			10/01/21 11:22	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/01/21 11:22	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/01/21 11:22	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/01/21 11:22	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/01/21 11:22	1
Tetrachloroethene	<0.18		1.4	0.18	ug/m3			10/01/21 11:22	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/01/21 11:22	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/01/21 11:22	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/01/21 11:22	1

Lab Sample ID: LCS 200-172099/4
Matrix: Air
Analysis Batch: 172099

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
cis-1,2-Dichloroethene			10.4	8.66		ppb v/v		84	72 - 121		
Tetrachloroethene			10.5	9.86		ppb v/v		94	70 - 125		
trans-1,2-Dichloroethene			10.3	8.89		ppb v/v		86	69 - 137		
Trichloroethene			10.3	7.90		ppb v/v		77	73 - 122		
Vinyl chloride			9.99	9.65		ppb v/v		97	61 - 135		

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
cis-1,2-Dichloroethene			41	34.3		ug/m3		84	72 - 121		
Tetrachloroethene			71	66.9		ug/m3		94	70 - 125		
trans-1,2-Dichloroethene			41	35.3		ug/m3		86	69 - 137		
Trichloroethene			55	42.5		ug/m3		77	73 - 122		
Vinyl chloride			26	24.7		ug/m3		97	61 - 135		

Lab Sample ID: 200-60336-11 DU
Matrix: Air
Analysis Batch: 172099

Client Sample ID: BIA-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
cis-1,2-Dichloroethene	<0.033			<0.033		ppb v/v				NC	25
Tetrachloroethene	0.32			0.386		ppb v/v				19	25
trans-1,2-Dichloroethene	<0.088			<0.088		ppb v/v				NC	25
Trichloroethene	<0.024			<0.024		ppb v/v				NC	25
Vinyl chloride	<0.028			<0.028		ppb v/v				NC	25

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
cis-1,2-Dichloroethene	<0.13			<0.13		ug/m3				NC	25
Tetrachloroethene	2.2			2.62		ug/m3				19	25
trans-1,2-Dichloroethene	<0.35			<0.35		ug/m3				NC	25
Trichloroethene	<0.13			<0.13		ug/m3				NC	25
Vinyl chloride	<0.072			<0.072		ug/m3				NC	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-172316/5
Matrix: Air
Analysis Batch: 172316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.033		0.20	0.033	ppb v/v			10/07/21 10:11	1
Tetrachloroethene	<0.027		0.20	0.027	ppb v/v			10/07/21 10:11	1
trans-1,2-Dichloroethene	<0.088		0.20	0.088	ppb v/v			10/07/21 10:11	1
Trichloroethene	<0.024		0.20	0.024	ppb v/v			10/07/21 10:11	1
Vinyl chloride	<0.028		0.20	0.028	ppb v/v			10/07/21 10:11	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.13		0.79	0.13	ug/m3			10/07/21 10:11	1
Tetrachloroethene	<0.18		1.4	0.18	ug/m3			10/07/21 10:11	1
trans-1,2-Dichloroethene	<0.35		0.79	0.35	ug/m3			10/07/21 10:11	1
Trichloroethene	<0.13		1.1	0.13	ug/m3			10/07/21 10:11	1
Vinyl chloride	<0.072		0.51	0.072	ug/m3			10/07/21 10:11	1

Lab Sample ID: LCS 200-172316/3
Matrix: Air
Analysis Batch: 172316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	10.4	9.73		ppb v/v		94	72 - 121
Tetrachloroethene	10.5	9.32		ppb v/v		89	70 - 125
trans-1,2-Dichloroethene	10.3	9.50		ppb v/v		92	69 - 137
Trichloroethene	10.3	7.96		ppb v/v		77	73 - 122
Vinyl chloride	9.99	9.87		ppb v/v		99	61 - 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	41	38.6		ug/m3		94	72 - 121
Tetrachloroethene	71	63.2		ug/m3		89	70 - 125
trans-1,2-Dichloroethene	41	37.7		ug/m3		92	69 - 137
Trichloroethene	55	42.8		ug/m3		77	73 - 122
Vinyl chloride	26	25.2		ug/m3		99	61 - 135

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Air - GC/MS VOA

Analysis Batch: 172099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-60336-1	IA-1	Total/NA	Air	TO-15	
200-60336-2	BIA-1	Total/NA	Air	TO-15	
200-60336-3	SS-1	Total/NA	Air	TO-15	
200-60336-4	SS-2	Total/NA	Air	TO-15	
200-60336-5	IA-2	Total/NA	Air	TO-15	
200-60336-6	BIA-2	Total/NA	Air	TO-15	
200-60336-7	AA-1	Total/NA	Air	TO-15	
200-60336-9	SS-3	Total/NA	Air	TO-15	
200-60336-10	IA-4	Total/NA	Air	TO-15	
200-60336-11	BIA-4	Total/NA	Air	TO-15	
MB 200-172099/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-172099/4	Lab Control Sample	Total/NA	Air	TO-15	
200-60336-11 DU	BIA-4	Total/NA	Air	TO-15	

Analysis Batch: 172316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-60336-8	BIA-3	Total/NA	Air	TO-15	
MB 200-172316/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-172316/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: IA-1
Lab Sample ID: 200-60336-1
Date Collected: 09/28/21 08:26
Matrix: Air
Date Received: 09/30/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/01/21 21:07	A1B	TAL BUR

Client Sample ID: BIA-1
Lab Sample ID: 200-60336-2
Date Collected: 09/28/21 08:30
Matrix: Air
Date Received: 09/30/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/01/21 22:00	A1B	TAL BUR

Client Sample ID: SS-1
Lab Sample ID: 200-60336-3
Date Collected: 09/27/21 10:18
Matrix: Air
Date Received: 09/30/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		5	172099	10/02/21 05:01	A1B	TAL BUR

Client Sample ID: SS-2
Lab Sample ID: 200-60336-4
Date Collected: 09/27/21 11:40
Matrix: Air
Date Received: 09/30/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/02/21 05:53	A1B	TAL BUR

Client Sample ID: IA-2
Lab Sample ID: 200-60336-5
Date Collected: 09/28/21 10:55
Matrix: Air
Date Received: 09/30/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/01/21 22:52	A1B	TAL BUR

Client Sample ID: BIA-2
Lab Sample ID: 200-60336-6
Date Collected: 09/28/21 10:51
Matrix: Air
Date Received: 09/30/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/01/21 23:45	A1B	TAL BUR

Client Sample ID: AA-1
Lab Sample ID: 200-60336-7
Date Collected: 09/28/21 10:32
Matrix: Air
Date Received: 09/30/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/02/21 00:37	A1B	TAL BUR

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Client Sample ID: BIA-3
Date Collected: 09/28/21 12:30
Date Received: 09/30/21 11:30

Lab Sample ID: 200-60336-8
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172316	10/07/21 21:43	A1B	TAL BUR

Client Sample ID: SS-3
Date Collected: 09/28/21 13:50
Date Received: 09/30/21 11:30

Lab Sample ID: 200-60336-9
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/02/21 06:46	A1B	TAL BUR

Client Sample ID: IA-4
Date Collected: 09/28/21 14:15
Date Received: 09/30/21 11:30

Lab Sample ID: 200-60336-10
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/02/21 02:23	A1B	TAL BUR

Client Sample ID: BIA-4
Date Collected: 09/28/21 16:30
Date Received: 09/30/21 11:30

Lab Sample ID: 200-60336-11
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	172099	10/02/21 03:15	A1B	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Job ID: 200-60336-1
Project/Site: Capital Cleaners - 193607543

Laboratory: Eurofins TestAmerica, Burlington

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399133350	08-31-22

Method Summary

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: Capital Cleaners - 193607543

Job ID: 200-60336-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-60336-1	IA-1	Air	09/28/21 08:26	09/30/21 11:30	Air Canister (6-Liter) #3196
200-60336-2	BIA-1	Air	09/28/21 08:30	09/30/21 11:30	Air Canister (6-Liter) #4488
200-60336-3	SS-1	Air	09/27/21 10:18	09/30/21 11:30	Air Canister (6-Liter) #9282
200-60336-4	SS-2	Air	09/27/21 11:40	09/30/21 11:30	Air Canister (6-Liter) #3654
200-60336-5	IA-2	Air	09/28/21 10:55	09/30/21 11:30	Air Canister (6-Liter) #3725
200-60336-6	BIA-2	Air	09/28/21 10:51	09/30/21 11:30	Air Canister (6-Liter) #5115
200-60336-7	AA-1	Air	09/28/21 10:32	09/30/21 11:30	Air Canister (6-Liter) #3326
200-60336-8	BIA-3	Air	09/28/21 12:30	09/30/21 11:30	Air Canister (6-Liter) #4549
200-60336-9	SS-3	Air	09/28/21 13:50	09/30/21 11:30	Air Canister (6-Liter) #4340
200-60336-10	IA-4	Air	09/28/21 14:15	09/30/21 11:30	Air Canister (6-Liter) #6148
200-60336-11	BIA-4	Air	09/28/21 16:30	09/30/21 11:30	Air Canister (6-Liter) #3081

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

eurofins Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Garrett Simpson	**Samples Collected By:** Garrett Simpson
Company Name: Stantec	Phone: (317) 410-9228	COC No: 1 of 2 COCs
Address: 12075 Corporate Parkway	Email: garrett.simpson@stantec.com	TALS Project #:
City/State/Zip Mequon WI 53092		**For Lab Use Only:**
Phone: 317 410-9228	Site Contact: -	Walk-in Client:
FAX:	Tel/Fax -	Lab Sampling:
Project Name: Capitol Cleaners	**Analysis Turnaround Time**	Job / SDG No.:
Site/Location: Shorewood, WI	Standard (Specific):	(See below for Add'l Items)
P O #	Rush (Specifiy):	

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	* TO-15 (Standard) Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
IA-1	9/27	0907	9/28	0826	-14.0	-0.0	3977	3196	X								X						
BIA-1	9/27	0855	9/28	0830	-28.5	-5.0	3449	4488	X								X						
SS-1	9/27	0951	9/27	1018	-25.0	-2.5	6239	9282	X									X					
SS-2	9/27	1110	9/27	1140	-26.5	-5.0	6058	3654	X									X					
IA-2	9/27	1045	9/28	1055	-28.5	-4.5	2530	3725	X								X						
BIA-2	9/27	1047	9/28	1051	-29.5	-5.0	4989	5115	X								X						
AA-1	9/27	1036	9/28	1032	-28.5	-2.0	3753	3326	X								X						
BIA-3	9/27	1225	9/28	1230	>-30.0	-5.0	5207	4549	X								X						
SS-3	9/27	1310	9/28	1350	-29.5	-5.0	6544	4340	X									X					
IA-4	9/28	0900	9/28	1415	-30.0	-4.0	3935	6148	X								X						

Temperature (Fahrenheit)			
Start	Interior ~70°F	Ambient	~70°F
Stop	~70°F		~60°F

Pressure (inches of Hg)			
Start	Interior -	Ambient	29.75
Stop	-		30.02

200-60336 Chain of Custody

Special Instructions/QC Requirements & Comments:
* PCE, TCE, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, vinyl chloride ONLY

Samples Shipped by: Garrett Simpson	**Date / Time:** 9/29/21 ~2pm	**Samples Received by:** 9/30/21 11:30 TA Burl (1)
Samples Relinquished by:	**Date / Time:**	**Received by:**
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

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TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

1 of 2

PAGE

Client Contact Information	**Client Project Manager:**	**Samples Collected By:**
Company Name: Stantec	**Phone:**	
Address:	**Email:**	
City/State/Zip		
Phone:	**Site Contact:**	
FAX:	**Tel/Fax**	
Project Name: Capitol Cleaners	**Analysis Turnaround Time**	
Site/Location:	Standard (Specific):	
P O #	Rush (Specifiy):	

See

COC No: 2 of 2 COCs

TALS Project #:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard/ Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	*Sample Type*	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
BIA-4	9/28	0903	9/28	1630	-30.0	-5.0	3107	3081	X								X						

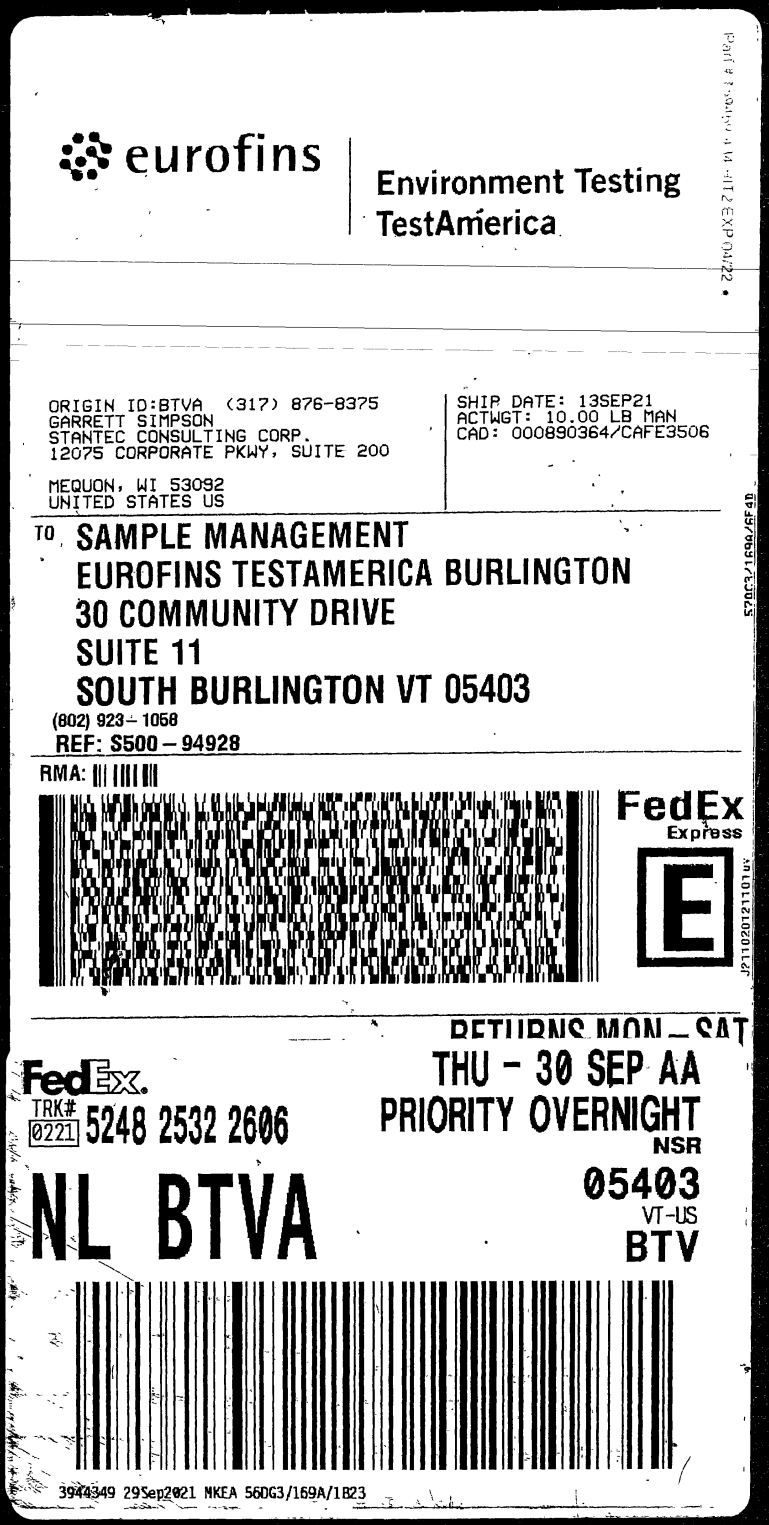
Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

Special Instructions/QC Requirements & Comments:
* See page 1 of 2 for specific analysis requested

Samples Shipped by: Garrett Simpson - GS	**Date / Time:** 9/29/21 ~2pm	**Samples Received by:**	9/30/21 11:30 TALBURC
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020



eurofins | Environment Testing TestAmerica

ORIGIN ID:BTVA (317) 876-8375
GARRETT SIMPSON
STANTEC CONSULTING CORP.
12075 CORPORATE PKWY, SUITE 200

MEQUON, WI 53092
UNITED STATES US

SHIP DATE: 13SEP21
ACTWGT: 10.00 LB MAN
CAD: 000890364/CAFE3506

TO SAMPLE MANAGEMENT
EUROFINS TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 923-1058
REF: S500-94928

RMA:

FedEx Express

RETURNS MON-SAT

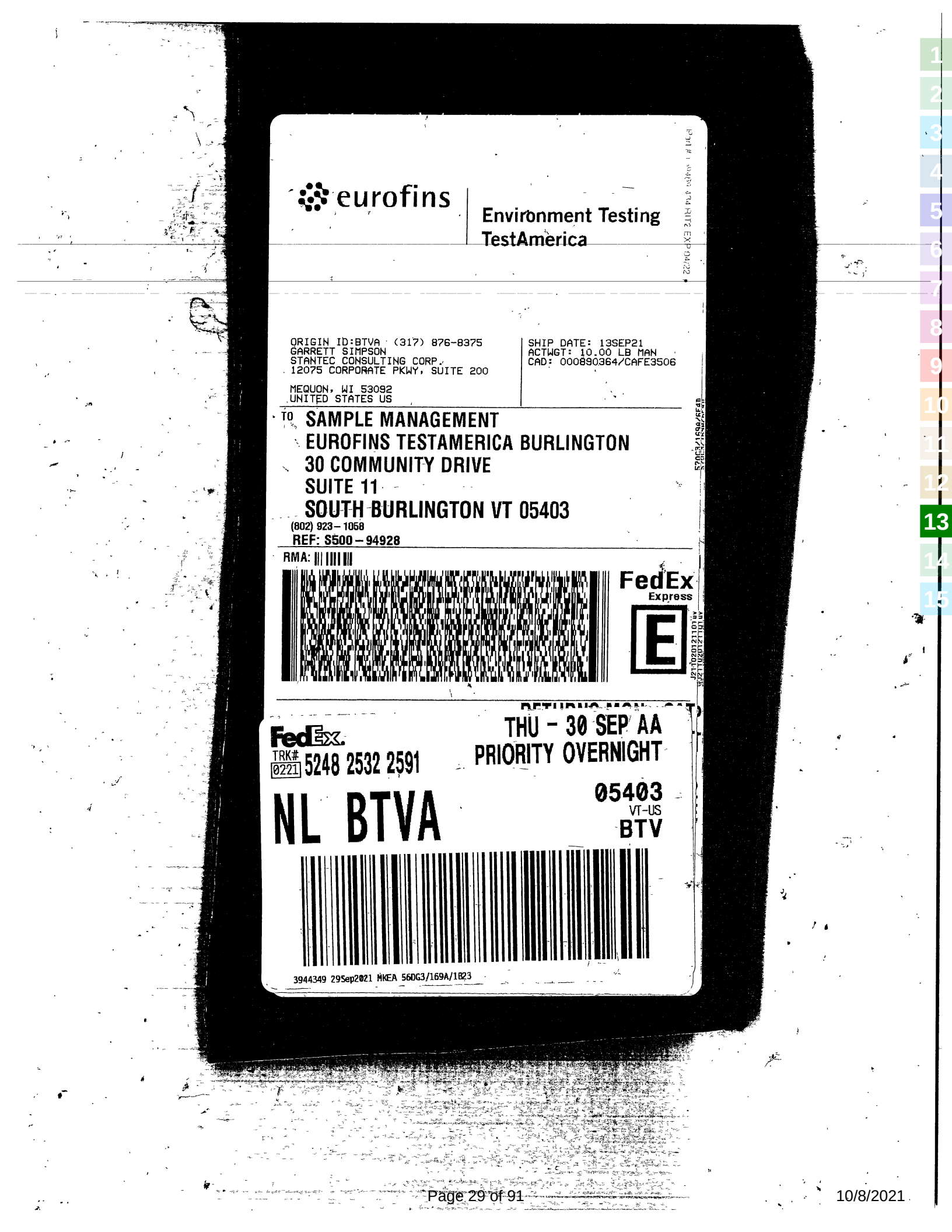
FedEx.
TRK# 0221 5248 2532 2606

THU - 30 SEP AA
PRIORITY OVERNIGHT
NSR

NL BTVA

05403
VT-US
BTV

3944349 29Sep2021 MKEA 560G3/169A/1B23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Environment Testing
TestAmerica
ORIGIN ID:BTVA (317) 876-8375
GARRETT SIMPSON
STANTEC CONSULTING CORP.
12075 CORPORATE PKWY, SUITE 200
MEQUON, WI 53092
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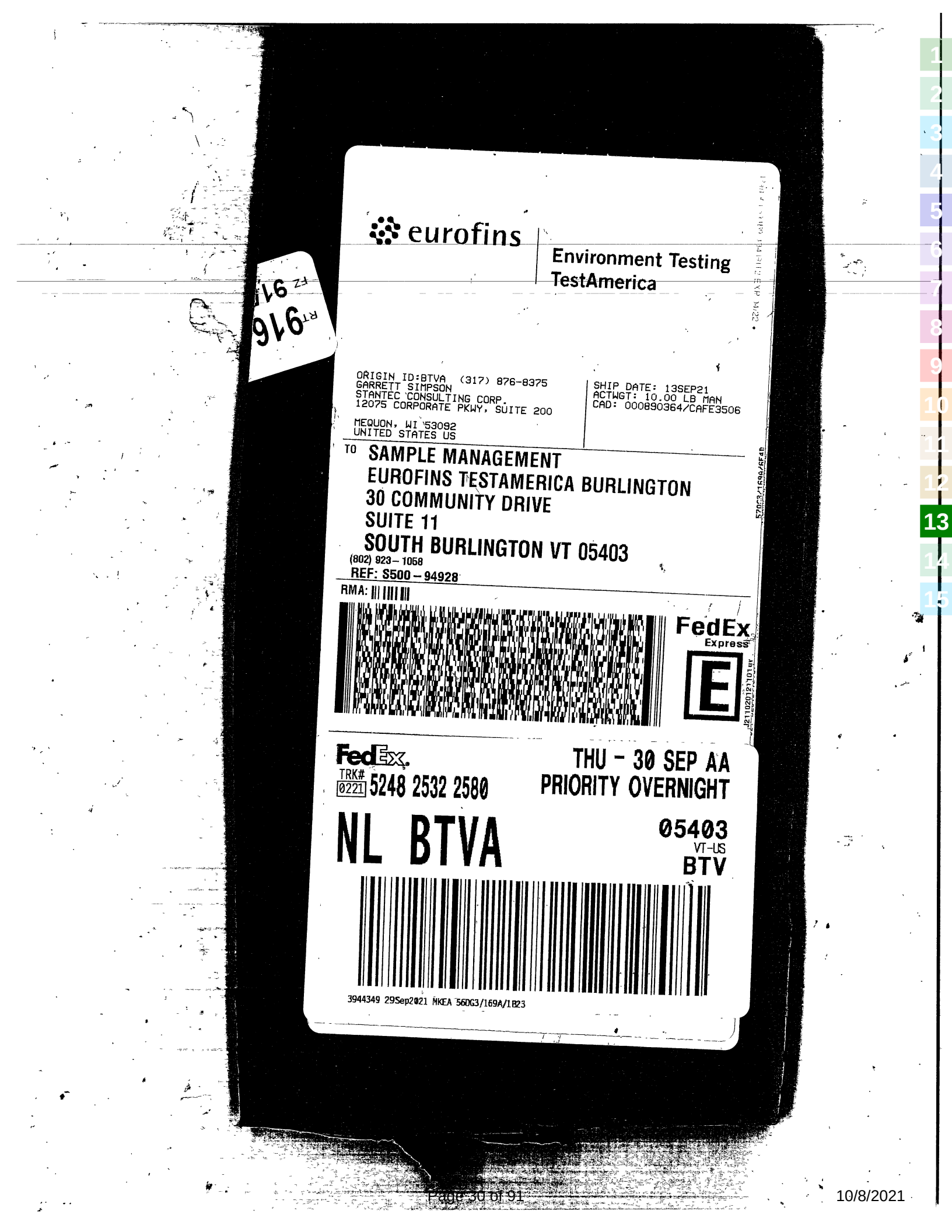
BTV
3944349 29Sep2021 MKEA 56DG3/169A/1823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30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 923-1068
REF: S500-94928
RMA:
FedEx Express
FedEx
TRK# 0221 5248 2532 2580
THU - 30 SEP AA
PRIORITY OVERNIGHT
NL BTVA
05403
VT-US
BTV
3944349 29Sep2021 MKEA 56DG3/169A/1B23

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 200-60336-1

Login Number: 60336
List Number: 1
Creator: Beane, John P

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 1/2	220	50	8/9/2021	1500	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5697	.03	.03	Ø	29.4	G26	8/10/21	1456	←	22.0	G26	9/6/21	1034	←	22.0
2	5620	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	3429	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
4	4551	.03	.03	Ø	29.6	G26	9/6/21	1122	←	22.0	G26	9/12/21	0956	←	22.0
5	34001124	.03	.03	Ø	29.4	G26	8/10/21	1456	←	22.0	G26	9/6/21	1034	←	22.0
6	5115	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	3028	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	3029	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	4478	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	3626	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
11	3073	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
12	5144	↓	.03	Ø	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☑ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
4551	8/19/21	47207	KBI		XXXXXXX				8/19/21	JPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	8/9/2021	1517	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Initial Reading Date:	Initial Reading Time:	Initial Reading Tech:	Initial Reading Temp:	Final Reading Gauge:	Final Reading Date:	Final Reading Time:	Final Reading Tech:	Final Reading Temp:
1	9282	.03	.03	0	29.6	G26	8/10/21	1202	S.	22.0	G26	9/12/21	1120	C	22.0
2	3654		.03	0		G26					G26				
3	4340		.03	0		G26					G26				
4	4318		.03	0		G26					G26				
5	4488		.03	0		G26					G26				
6	4549		.03	0		G26					G26				
7	5127	.03	.03	.0350 9/13	29.1	G26	9/12/21	1202			G26	9/13/21	1230	C	22.0
8	3725		.19	.16 9/13	29.6	G26					G26	9/12/21	1120	C	22.0
9	5152		.03	0		G26					G26				
10	3196		.03	0		G26					G26				
11	6148		.03	0		G26					G26				
~~12~~	~~4070~~					~~G26~~					~~G26~~			S	8/19/21

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☑ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
4070	8/23/21	472491	KPT		XXXXXXX				8/23/21	JDB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2021

TestAmerica Burlington

Page 33 of 91

10/8/2021

200-59610-A-7
5127
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 8/9/2021 12:00 AM 200-1523349

Loc: 200
59610
#7 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	50	8/10/2021	1620	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	3620	1.03	1.03	0	29.7	G26	9/12/21	1218	[illegible]	22.0	G26	9/12/21	1230	[illegible]	22.0
2	3390	1.03	1.03	0	29.6	G26	10/11/21	1012	[illegible]	22.0	G26	9/12/21	1130	[illegible]	22.0
3	2968		1.03	0		G26					G26				
4	3081		1.03	0		G26					G26				
5	5084		1.03	0		G26					G26				
6	5421		1.03	0		G26					G26				
7	34000172		1.03	0		G26					G26				
8	2893		1.03	0		G26					G26				
9	3164		1.03	0		G26					G26				
10	2615		1.03	0		G26					G26				
11	3316		1.03	0		G26					G26				
12	4819		1.03	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☑ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
3620	8/23/21	47240	KPT		XXXXXXX				8/23/21	TPG

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	50	8/11/2021	1342	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	3326	.03	.17	.14	29.6	G26	8/12/21	1035	SML	22.0	G26	9/12/21	1209	"	22.0
2	2908	.03	.03	0	29.7	G26	9/12/21	1306	"	22.0	G26	9/13/21	1230	"	22.0
3	3430	.03	.03	0	29.6	G26	8/12/21	1035	SML	22.0	G26	9/12/21	1209	"	22.0
4	5038		.03	0		G26					G26				
5	4797		.03	0		G26					G26				
6	5637		.03	0		G26					G26				
7	3072		.03	0		G26					G26				
8	2720		.03	0		G26					G26				
9	3004		.03	0		G26					G26				
10	34001159		.03	0		G26					G26				
11	4101		.03	0		G26					G26				
12	4574		.03	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
2908	8/18/21	47141	ARJ		XXXXXX				8/18/21	TMB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59608-1

SDG No.:

Client Sample ID: 4551 Lab Sample ID: 200-59608-4

Matrix: Air Lab File ID: 47207-07.D

Analysis Method: TO-15 Date Collected: 08/09/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/18/2021 12:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170354 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59608-1

SDG No.:

Client Sample ID: 4551 Lab Sample ID: 200-59608-4

Matrix: Air Lab File ID: 47207-07.D

Analysis Method: TO-15 Date Collected: 08/09/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/18/2021 12:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170354 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59608-1

SDG No.:

Client Sample ID: 4551 Lab Sample ID: 200-59608-4

Matrix: Air Lab File ID: 47207-07.D

Analysis Method: TO-15 Date Collected: 08/09/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/18/2021 12:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170354 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210818-47207.b\47207-07.D
Lims ID: 200-59608-A-4
Client ID: 4551
Sample Type: Client
Inject. Date: 18-Aug-2021 12:35:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0047207-007
Misc. Info.: 59608-4
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210818-47207.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Aug-2021 07:05:34 Calib Date: 01-Aug-2021 20:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210801-46999.b\46999-13.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: puangmaleek Date: 19-Aug-2021 07:05:34

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.322				ND	
	3 Dichlorodifluoromethane	85		4.418				ND	
	4 Chlorodifluoromethane	51		4.455				ND	7
	5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.776				ND	
	6 Chloromethane	50		4.899				ND	
	7 Vinyl chloride	62		5.204				ND	
	8 Butane	43		5.210				ND	
	9 Butadiene	54		5.327				ND	
	10 Bromomethane	94		6.039				ND	
	12 Chloroethane	64		6.301				ND	
	14 Vinyl bromide	106		6.724				ND	
	15 Trichlorofluoromethane	101		6.884				ND	
	17 Ethanol	45		7.211				ND	7
	20 1,1-Dichloroethene	96		7.943				ND	
	21 112TCTFE	101		7.970				ND	
	22 Acetone	43		7.992				ND	7
	23 Isopropyl alcohol	45		8.264				ND	7
	24 Carbon disulfide	76		8.361				ND	
	27 3-Chloro-1-propene	41		8.634				ND	
	28 Methylene Chloride	49		8.864				ND	
	29 2-Methyl-2-propanol	59		9.024				ND	
	31 Methyl tert-butyl ether	73		9.350				ND	
	32 trans-1,2-Dichloroethene	61		9.366				ND	
S	33 1,2-Dichloroethene, Total	61		9.665				ND	7
	34 Hexane	57		9.864				ND	
	35 Vinyl acetate	43		10.126				ND	
	36 1,1-Dichloroethane	63		10.131				ND	
	37 2-Butanone (MEK)	72		11.078				ND	
	38 cis-1,2-Dichloroethene	96		11.121				ND	
	39 Ethyl acetate	88		11.159				ND	
*	40 Chlorobromomethane	128	11.539	11.538	0.001	86	58168	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.554				ND	
	42 Chloroform	83		11.710				ND	
	43 1,1,1-Trichloroethane	97		12.009				ND	
	44 Cyclohexane	84		12.159				ND	
	45 Carbon tetrachloride	117		12.298				ND	
	46 Benzene	78		12.640				ND	
	47 1,2-Dichloroethane	62		12.721				ND	
	48 Isooctane	57		12.844				ND	
	49 n-Heptane	43		13.149				ND	
*	50 1,4-Difluorobenzene	114	13.374	13.379	-0.005	96	298970	10.0	
	52 Trichloroethene	95		13.807				ND	
	55 1,2-Dichloropropane	63		14.272				ND	
	56 Methyl methacrylate	69		14.331				ND	
	57 1,4-Dioxane	88		14.374				ND	
	58 Dibromomethane	174		14.427				ND	
	59 Dichlorobromomethane	83		14.738				ND	
	60 cis-1,3-Dichloropropene	75		15.529				ND	
	62 4-Methyl-2-pentanone (MIBK)	43		15.765				ND	
	63 Toluene	92		16.171				ND	
	67 trans-1,3-Dichloropropene	75		16.583				ND	
	68 1,1,2-Trichloroethane	83		16.963				ND	
	69 Tetrachloroethene	166		17.156				ND	7
	70 2-Hexanone	43		17.343				ND	
	71 Chlorodibromomethane	129		17.707				ND	
	72 Ethylene Dibromide	107		17.947				ND	
*	73 Chlorobenzene-d5	117	18.852	18.851	0.001	91	222967	10.0	
	74 Chlorobenzene	112		18.910				ND	
	75 Ethylbenzene	91		19.098				ND	7
	76 m-Xylene & p-Xylene	106		19.360				ND	
S	78 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		20.130				ND	
	80 Styrene	104		20.168				ND	
	81 Bromoform	173		20.526				ND	
	82 Isopropylbenzene	105		20.820				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.334				ND	7
	85 N-Propylbenzene	91		21.526				ND	
	86 2-Chlorotoluene	91		21.676				ND	
	87 4-Ethyltoluene	105		21.724				ND	7
	88 1,3,5-Trimethylbenzene	105		21.815				ND	7
	91 tert-Butylbenzene	119		22.297				ND	7
	92 1,2,4-Trimethylbenzene	105		22.382				ND	7
	93 sec-Butylbenzene	105		22.618				ND	7
	94 1,3-Dichlorobenzene	146		22.794				ND	7
	95 4-Isopropyltoluene	119		22.832				ND	7
	96 1,4-Dichlorobenzene	146		22.939				ND	U
	97 Benzyl chloride	91		23.083				ND	
	98 n-Butylbenzene	91		23.388				ND	
	99 1,2-Dichlorobenzene	146		23.425				ND	
	102 1,2,4-Trichlorobenzene	180		25.870				ND	
	103 Hexachlorobutadiene	225		26.111				ND	
	104 Naphthalene	128		26.362				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

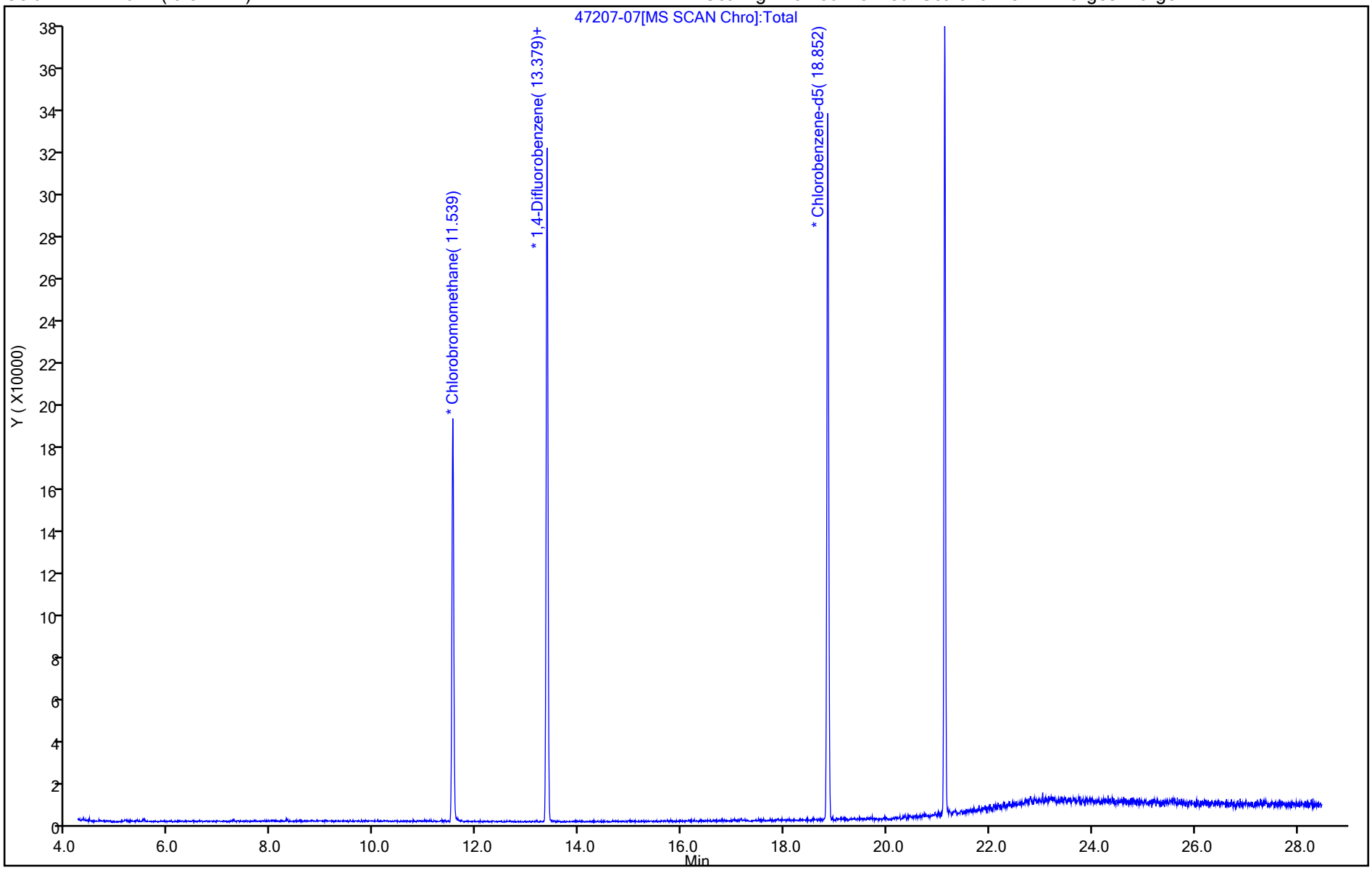
ATTO15XISs_00003 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 19-Aug-2021 07:05:34 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210818-47207.b\47207-07.D				
Injection Date:	18-Aug-2021 12:35:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-59608-A-4	Lab Sample ID:	200-59608-4	Worklist Smp#:	7
Client ID:	4551				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



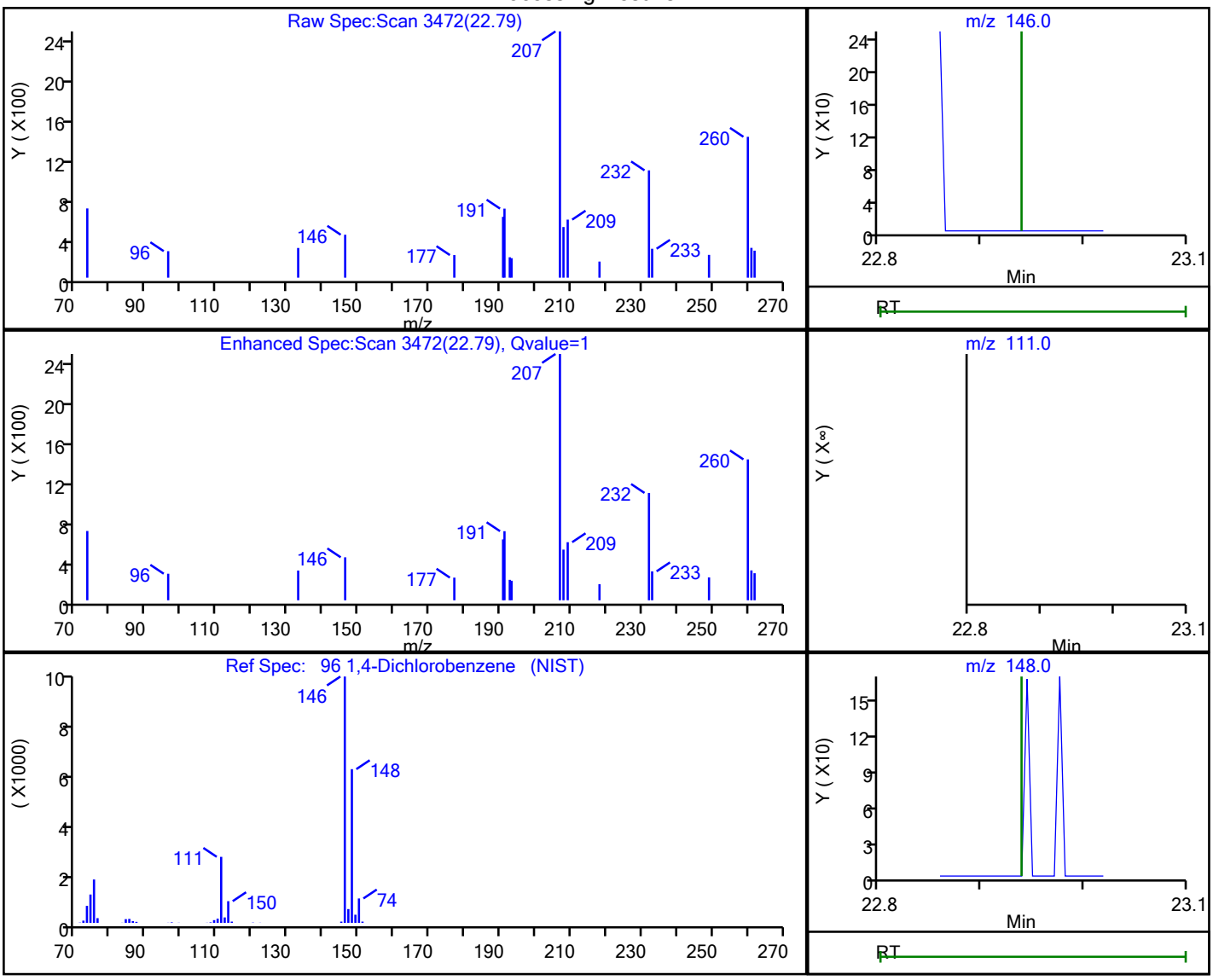
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210818-47207.b\47207-07.D				
Injection Date:	18-Aug-2021 12:35:30	Instrument ID:	CHX.i		
Lims ID:	200-59608-A-4	Lab Sample ID:	200-59608-4		
Client ID:	4551				
Operator ID:	ggg	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.79	146.00	442	0.025749
22.94	111.00	0	
22.80	148.00	161	

Reviewer: puangmaleek, 19-Aug-2021 07:05:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59610-1

SDG No.:

Client Sample ID: 5127 Lab Sample ID: 200-59610-7

Matrix: Air Lab File ID: 47241-06.D

Analysis Method: TO-15 Date Collected: 08/09/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/20/2021 12:17

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170478 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59610-1

SDG No.:

Client Sample ID: 5127 Lab Sample ID: 200-59610-7

Matrix: Air Lab File ID: 47241-06.D

Analysis Method: TO-15 Date Collected: 08/09/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/20/2021 12:17

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170478 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59610-1

SDG No.:

Client Sample ID: 5127 Lab Sample ID: 200-59610-7

Matrix: Air Lab File ID: 47241-06.D

Analysis Method: TO-15 Date Collected: 08/09/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/20/2021 12:17

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170478 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210820-47241.b\47241-06.D
Lims ID: 200-59610-A-7
Client ID: 5127
Sample Type: Client
Inject. Date: 20-Aug-2021 12:17:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0047241-006
Misc. Info.: 59610-7
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210820-47241.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 23-Aug-2021 09:27:46 Calib Date: 01-Aug-2021 20:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210801-46999.b\46999-13.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: puangmaleek Date: 23-Aug-2021 09:27:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.338				ND	U
3 Dichlorodifluoromethane	85		4.434				ND	
4 Chlorodifluoromethane	51		4.477				ND	7
5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.793				ND	
6 Chloromethane	50		4.916				ND	
7 Vinyl chloride	62		5.226				ND	
8 Butane	43		5.231				ND	
9 Butadiene	54		5.344				ND	
10 Bromomethane	94		6.050				ND	
12 Chloroethane	64		6.312				ND	
14 Vinyl bromide	106		6.740				ND	
15 Trichlorofluoromethane	101		6.895				ND	
17 Ethanol	45	7.232	7.232	0.016	43	363	0.1065	
20 1,1-Dichloroethene	96		7.949				ND	
21 112TCTFE	101		7.981				ND	
22 Acetone	43	8.018	7.997	0.021	83	5361	0.3557	
23 Isopropyl alcohol	45	8.318	8.265	0.053	37	3783	0.2727	
24 Carbon disulfide	76	8.366	8.366	0.000	58	1629	0.0786	
27 3-Chloro-1-propene	41		8.644				ND	7
28 Methylene Chloride	49		8.874				ND	
29 2-Methyl-2-propanol	59		9.030				ND	
31 Methyl tert-butyl ether	73		9.351				ND	
32 trans-1,2-Dichloroethene	61		9.372				ND	
S 33 1,2-Dichloroethene, Total	61		9.665				ND	7
34 Hexane	57		9.870				ND	
35 Vinyl acetate	43		10.126				ND	
36 1,1-Dichloroethane	63		10.137				ND	
37 2-Butanone (MEK)	72		11.079				ND	
38 cis-1,2-Dichloroethene	96		11.121				ND	
39 Ethyl acetate	88		11.159				ND	
* 40 Chlorobromomethane	128	11.538	11.539	-0.001	87	60541	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.560				ND	
	42 Chloroform	83		11.710				ND	
	43 1,1,1-Trichloroethane	97		12.020				ND	
	44 Cyclohexane	84		12.165				ND	
	45 Carbon tetrachloride	117		12.298				ND	
	46 Benzene	78		12.646				ND	
	47 1,2-Dichloroethane	62		12.721				ND	
	48 Isooctane	57		12.849				ND	
	49 n-Heptane	43		13.160				ND	
*	50 1,4-Difluorobenzene	114	13.379	13.379	0.000	96	325250	10.0	
	52 Trichloroethene	95		13.812				ND	
	55 1,2-Dichloropropane	63		14.267				ND	
	56 Methyl methacrylate	69		14.331				ND	
	57 1,4-Dioxane	88		14.379				ND	
	58 Dibromomethane	174		14.433				ND	
	59 Dichlorobromomethane	83		14.732				ND	
	60 cis-1,3-Dichloropropene	75		15.530				ND	
	62 4-Methyl-2-pentanone (MIBK)	43		15.770				ND	
	63 Toluene	92		16.166				ND	
	67 trans-1,3-Dichloropropene	75		16.583				ND	
	68 1,1,2-Trichloroethane	83		16.969				ND	
	69 Tetrachloroethene	166		17.161				ND	
	70 2-Hexanone	43		17.343				ND	
	71 Chlorodibromomethane	129		17.707				ND	
	72 Ethylene Dibromide	107		17.953				ND	
*	73 Chlorobenzene-d5	117	18.851	18.852	-0.001	91	249598	10.0	
	74 Chlorobenzene	112		18.911				ND	
	75 Ethylbenzene	91		19.098				ND	7
	76 m-Xylene & p-Xylene	106		19.360				ND	
S	78 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		20.130				ND	
	80 Styrene	104		20.168				ND	
	81 Bromoform	173		20.526				ND	
	82 Isopropylbenzene	105		20.815				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.334				ND	
	85 N-Propylbenzene	91		21.527				ND	
	86 2-Chlorotoluene	91		21.682				ND	
	87 4-Ethyltoluene	105		21.724				ND	
	88 1,3,5-Trimethylbenzene	105		21.815				ND	
	91 tert-Butylbenzene	119		22.297				ND	7
	92 1,2,4-Trimethylbenzene	105		22.382				ND	
	93 sec-Butylbenzene	105		22.618				ND	
	94 1,3-Dichlorobenzene	146		22.800				ND	
	95 4-Isopropyltoluene	119		22.832				ND	7
	96 1,4-Dichlorobenzene	146		22.939				ND	
	97 Benzyl chloride	91		23.078				ND	7
	98 n-Butylbenzene	91		23.388				ND	
	99 1,2-Dichlorobenzene	146		23.426				ND	
	102 1,2,4-Trichlorobenzene	180		25.876				ND	
	103 Hexachlorobutadiene	225		26.111				ND	
	104 Naphthalene	128		26.352				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15XISs_00003 Amount Added: 20.00 Units: mL Run Reagent

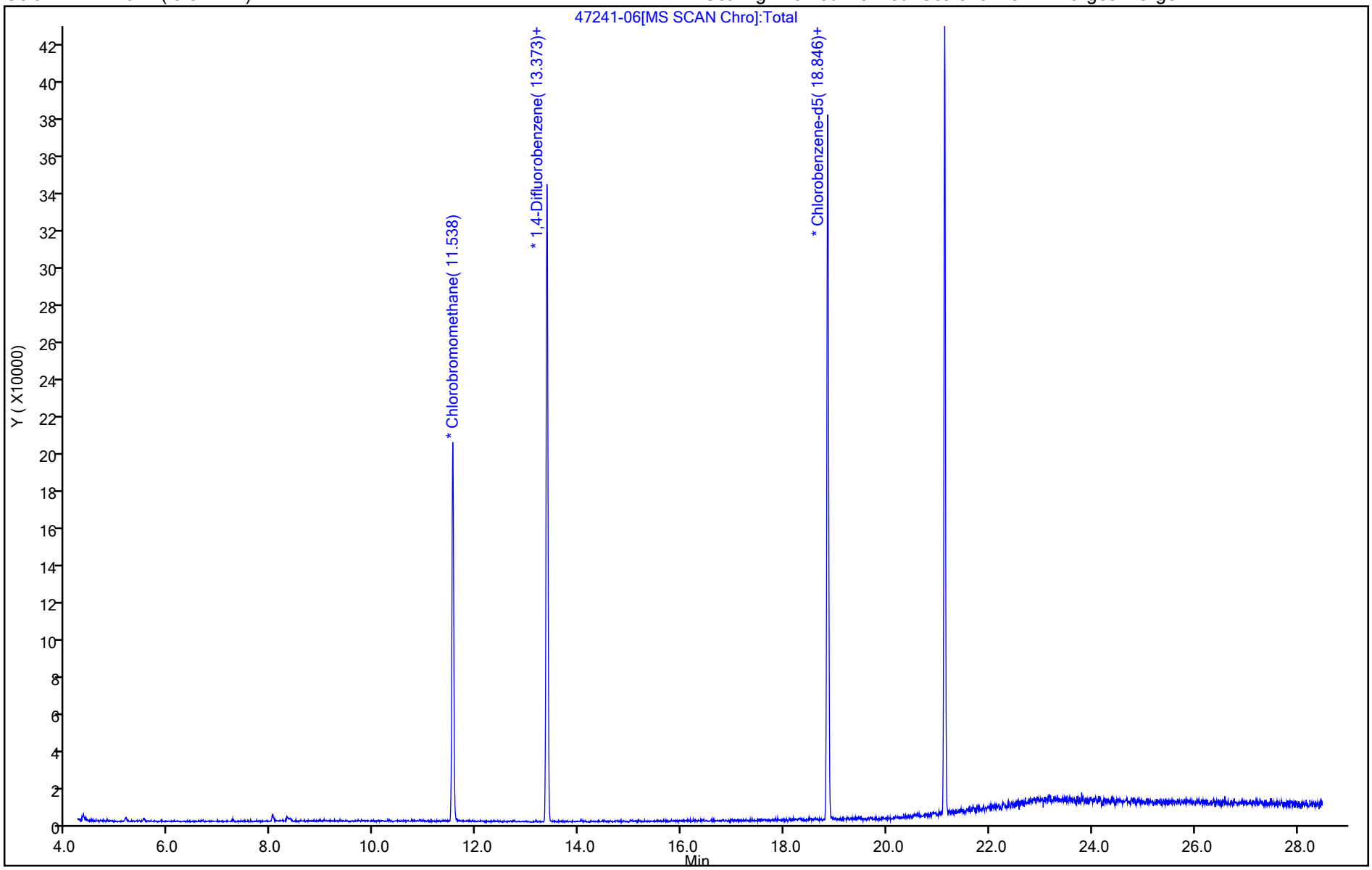
Report Date: 23-Aug-2021 09:27:46 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210820-47241.b\47241-06.D

Injection Date:	20-Aug-2021 12:17:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-59610-A-7	Lab Sample ID:	200-59610-7	Worklist Smp#:	6
Client ID:	5127				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



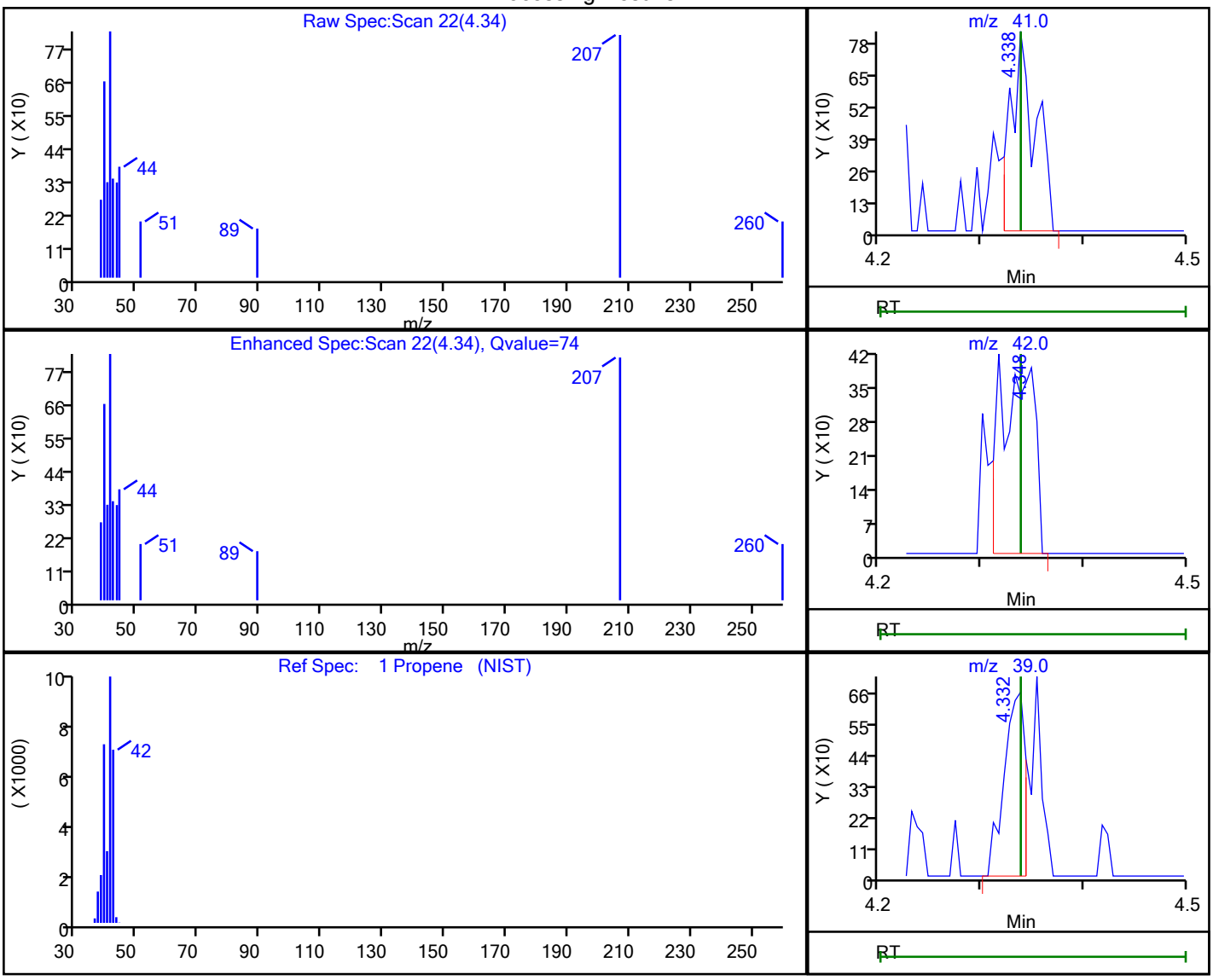
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210820-47241.b\47241-06.D				
Injection Date:	20-Aug-2021 12:17:30	Instrument ID:	CHX.i		
Lims ID:	200-59610-A-7	Lab Sample ID:	200-59610-7		
Client ID:	5127				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
4.34	41.00	1392	0.125879
4.35	42.00	907	
4.33	39.00	952	

Reviewer: puangmaleek, 23-Aug-2021 09:26:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59623-1

SDG No.:

Client Sample ID: 3620 Lab Sample ID: 200-59623-1

Matrix: Air Lab File ID: 200-47240-005.D

Analysis Method: TO-15 Date Collected: 08/10/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/20/2021 11:09

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170476 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59623-1

SDG No.:

Client Sample ID: 3620 Lab Sample ID: 200-59623-1

Matrix: Air Lab File ID: 200-47240-005.D

Analysis Method: TO-15 Date Collected: 08/10/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/20/2021 11:09

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170476 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59623-1

SDG No.:

Client Sample ID: 3620 Lab Sample ID: 200-59623-1

Matrix: Air Lab File ID: 200-47240-005.D

Analysis Method: TO-15 Date Collected: 08/10/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/20/2021 11:09

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170476 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D
Lims ID: 200-59623-A-1
Client ID: 3620
Sample Type: Client
Inject. Date: 20-Aug-2021 11:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0047240-005
Misc. Info.: 59623-1
Operator ID: wrd Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 23-Aug-2021 07:45:18 Calib Date: 13-Aug-2021 09:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210812-47150.b\200-47150-021.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: puangmaleek Date: 23-Aug-2021 07:45:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.027				ND	U
2 Dichlorodifluoromethane	85	3.086	3.081	0.005	97	6757	0.1323	
3 Chlorodifluoromethane	51	3.107	3.097	0.010	98	2852	0.1242	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.289				ND	
5 Chloromethane	50	3.353	3.353	0.000	7	2329	0.2093	
7 Vinyl chloride	62		3.535				ND	U
6 Butane	43		3.551				ND	7
8 Butadiene	54		3.610				ND	U
10 Bromomethane	94		4.060				ND	
11 Chloroethane	64		4.241				ND	7
13 Vinyl bromide	106		4.546				ND	7
14 Trichlorofluoromethane	101		4.680				ND	7
17 Ethanol	45		4.883				ND	U
21 1,1-Dichloroethene	96		5.520				ND	7
22 Acetone	43	5.552	5.525	0.027	99	20378	1.45	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.563				ND	7
24 Isopropyl alcohol	45		5.766				ND	7
23 Carbon disulfide	76		5.894				ND	7
25 3-Chloro-1-propene	41		6.103				ND	7
27 Methylene Chloride	49		6.301				ND	U
28 2-Methyl-2-propanol	59		6.467				ND	
31 trans-1,2-Dichloroethene	61		6.799				ND	
29 Methyl tert-butyl ether	73		6.820				ND	U
33 Hexane	57	7.334	7.328	0.006	89	2740	0.1806	
34 1,1-Dichloroethane	63		7.505				ND	
35 Vinyl acetate	43		7.515				ND	U
38 2-Butanone (MEK)	72		8.420				ND	7
37 cis-1,2-Dichloroethene	96		8.457				ND	7
39 Ethyl acetate	88		8.537				ND	U
* 40 Chlorobromomethane	128	8.853	8.853	0.000	76	193244	10.0	
41 Tetrahydrofuran	42		8.944				ND	7

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	42 Chloroform	83		9.035				ND	
	44 1,1,1-Trichloroethane	97		9.388				ND	
	43 Cyclohexane	84	9.559	9.559	-0.011	38	1990	0.0882	M
S	30 1,2-Dichloroethene, Total	61		9.665				ND	7
	45 Carbon tetrachloride	117		9.693				ND	U
	47 Benzene	78		10.024				ND	U
	48 1,2-Dichloroethane	62		10.062				ND	
	46 Isooctane	57		10.329				ND	
	49 n-Heptane	43		10.677				ND	U
*	50 1,4-Difluorobenzene	114	10.816	10.816	0.000	93	1243080	10.0	
	53 Trichloroethene	95		11.308				ND	
	54 1,2-Dichloropropane	63		11.779				ND	
	55 Methyl methacrylate	69		11.929				ND	U
	57 Dibromomethane	174		11.940				ND	7
	56 1,4-Dioxane	88		11.950				ND	
	58 Dichlorobromomethane	83		12.298				ND	
	60 cis-1,3-Dichloropropene	75		13.197				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		13.496				ND	7
	65 Toluene	92	13.924	13.930	-0.006	62	3433	0.0583	
	66 trans-1,3-Dichloropropene	75		14.342				ND	7
	67 1,1,2-Trichloroethane	83		14.738				ND	7
	68 Tetrachloroethene	166		15.016				ND	7
	69 2-Hexanone	43		15.208				ND	7
	71 Chlorodibromomethane	129		15.529				ND	
	72 Ethylene Dibromide	107		15.770				ND	
*	74 Chlorobenzene-d5	117	16.770	16.770	0.000	84	1219475	10.0	
	75 Chlorobenzene	112		16.835				ND	
	76 Ethylbenzene	91	17.065	17.065	-0.005	95	7212	0.0512	M
	78 m-Xylene & p-Xylene	106		17.343				ND	
	79 o-Xylene	106	18.156	18.162	0.000	52	1572	0.0279	
	80 Styrene	104		18.188				ND	7
	81 Bromoform	173		18.520				ND	
	82 Isopropylbenzene	105		18.958				ND	7
	84 1,1,2,2-Tetrachloroethane	83		19.488				ND	7
S	73 Xylenes, Total	106				0		0.0279	
	85 N-Propylbenzene	91		19.772				ND	7
	89 2-Chlorotoluene	91		19.911				ND	7
	88 4-Ethyltoluene	105		19.996				ND	7
	90 1,3,5-Trimethylbenzene	105		20.103				ND	7
	92 tert-Butylbenzene	119		20.628				ND	7
	93 1,2,4-Trimethylbenzene	105		20.719				ND	U
	94 sec-Butylbenzene	105		20.981				ND	7
	96 1,3-Dichlorobenzene	146		21.136				ND	U
	95 4-Isopropyltoluene	119		21.221				ND	7
	97 1,4-Dichlorobenzene	146		21.291				ND	U
	98 Benzyl chloride	91		21.435				ND	7
	101 1,2-Dichlorobenzene	146		21.788				ND	U
	100 n-Butylbenzene	91		21.799				ND	7
	103 1,2,4-Trichlorobenzene	180	24.169	24.169	0.000	83	5202	0.0530	
	104 Hexachlorobutadiene	225		24.442				ND	7
	105 Naphthalene	128	24.613	24.608	0.011	94	14180	0.0720	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00017 Amount Added: 20.00 Units: mL Run Reagent

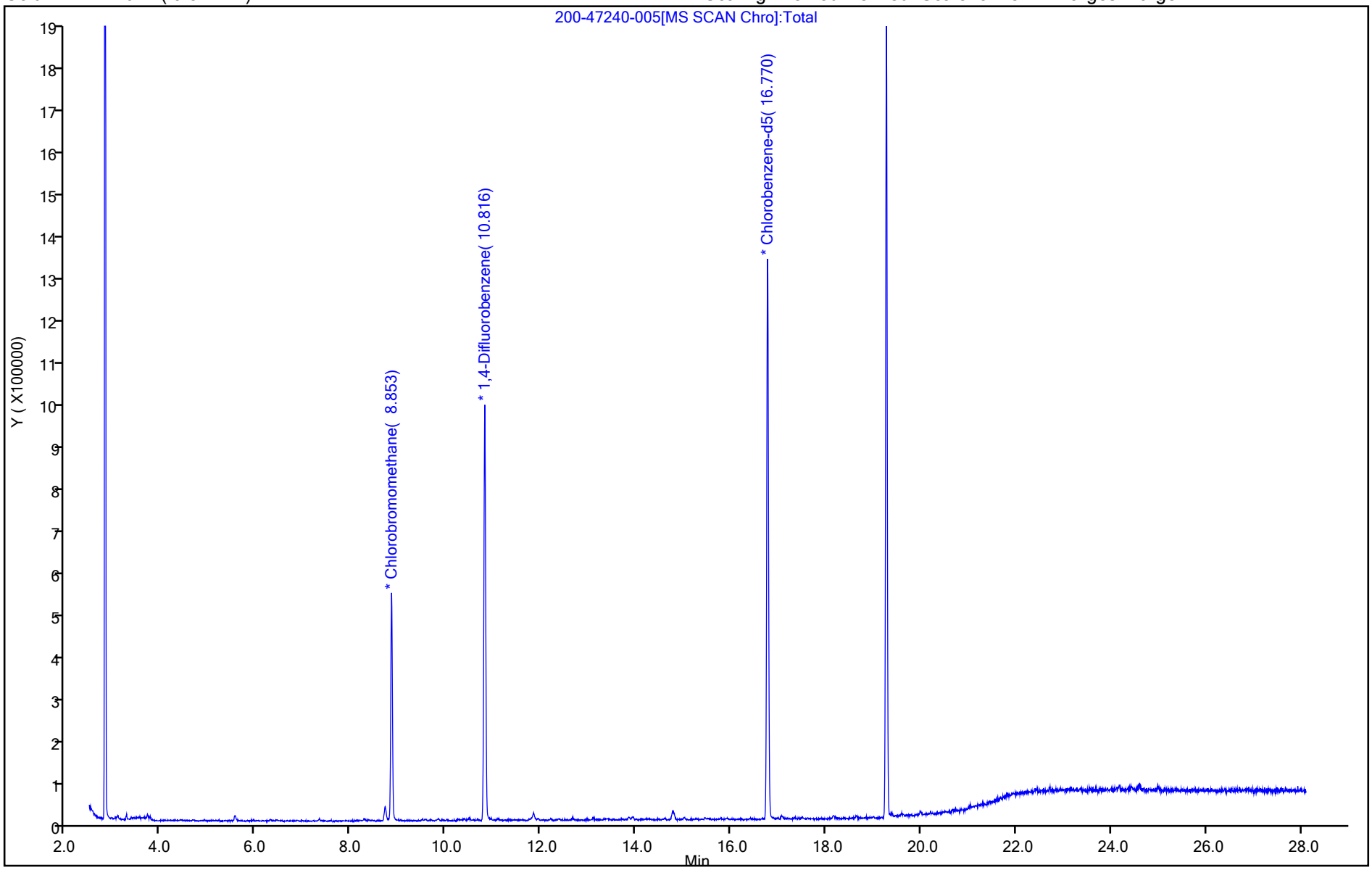
Report Date: 23-Aug-2021 07:45:18 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D

Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i	Operator ID:	wrd
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1	Worklist Smp#:	5
Client ID:	3620				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	4
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



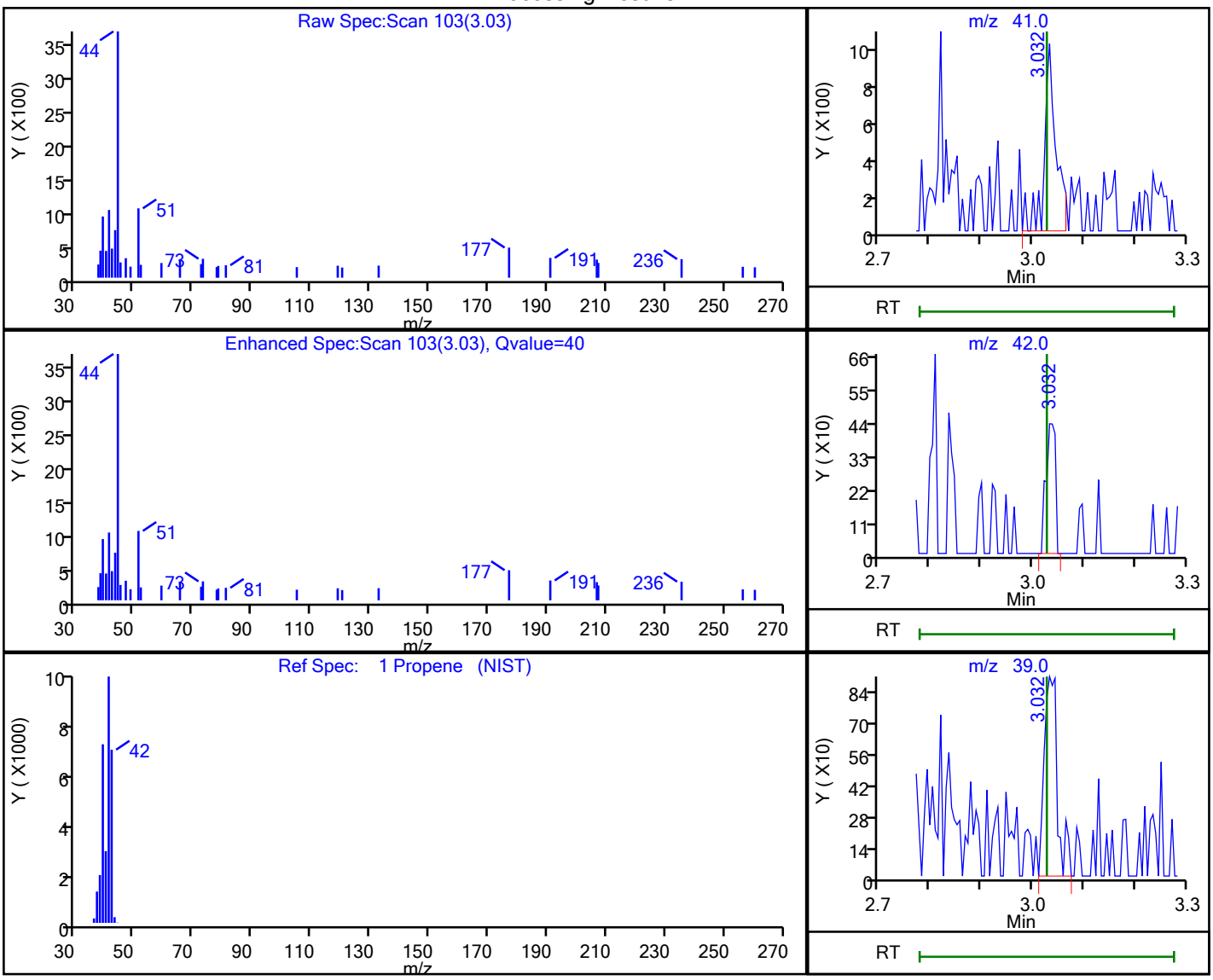
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.03	41.00	1617	0.173103
3.03	42.00	560	
3.03	39.00	1636	

Reviewer: puangmaleek, 23-Aug-2021 07:43:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

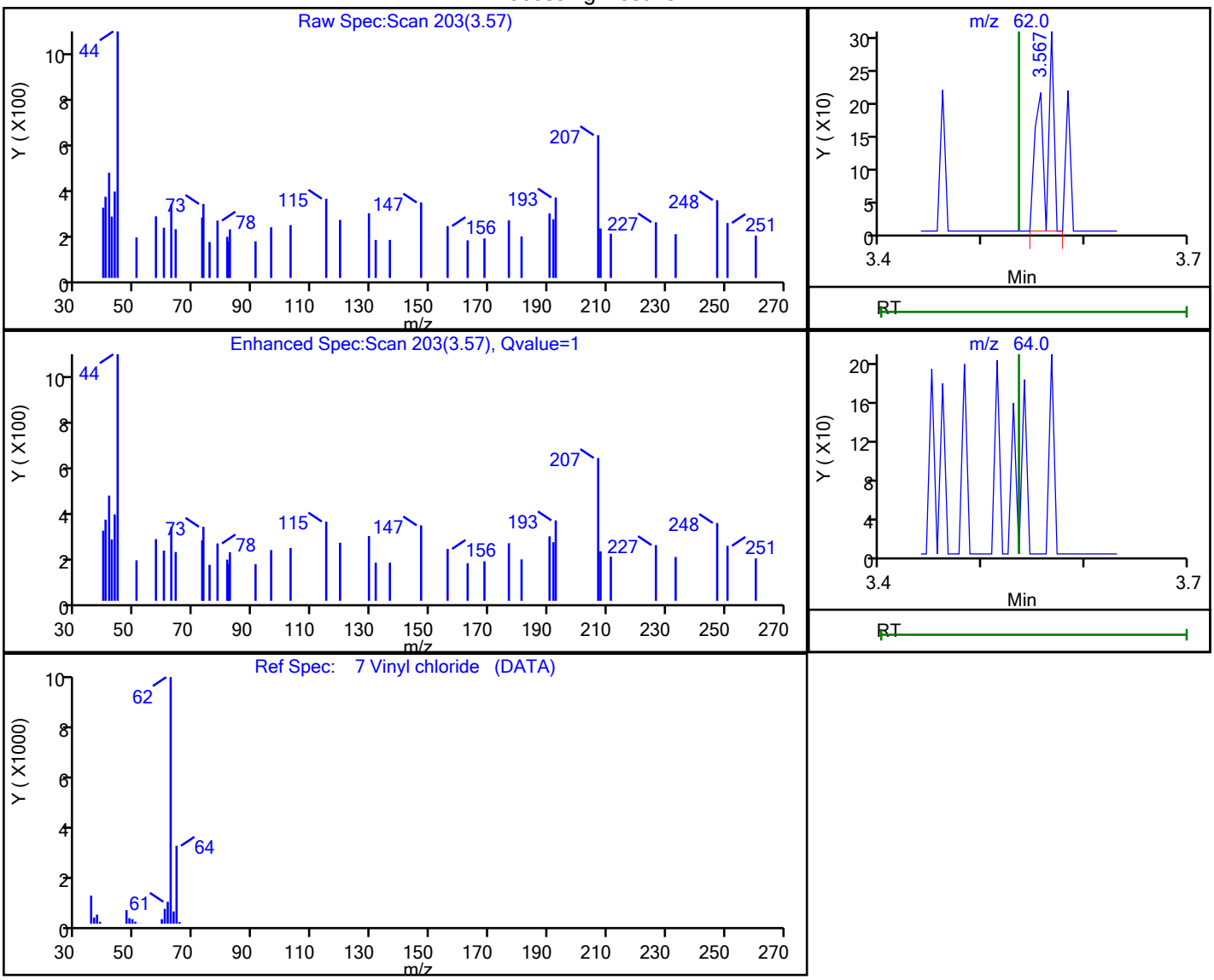
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
3.57	62.00	221	0.014835
3.54	64.00	0	

Reviewer: puangmaleek, 23-Aug-2021 07:43:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

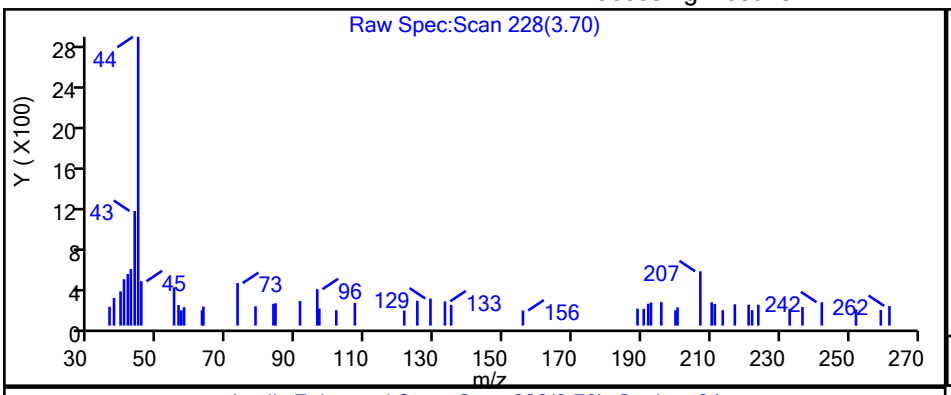
User Disabled Compound Report

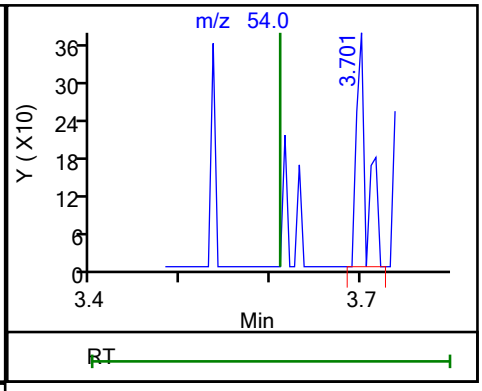
Eurofins TestAmerica, Burlington

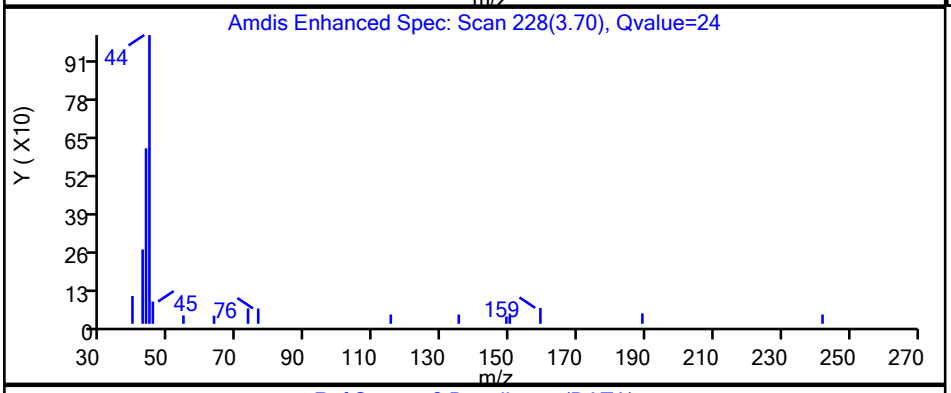
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

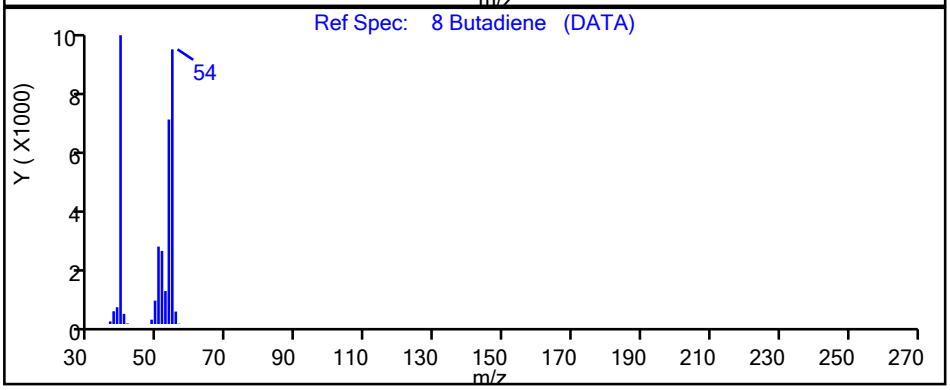
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
3.70	54.00	312	0.026476

Reviewer: puangmaleek, 23-Aug-2021 07:43:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

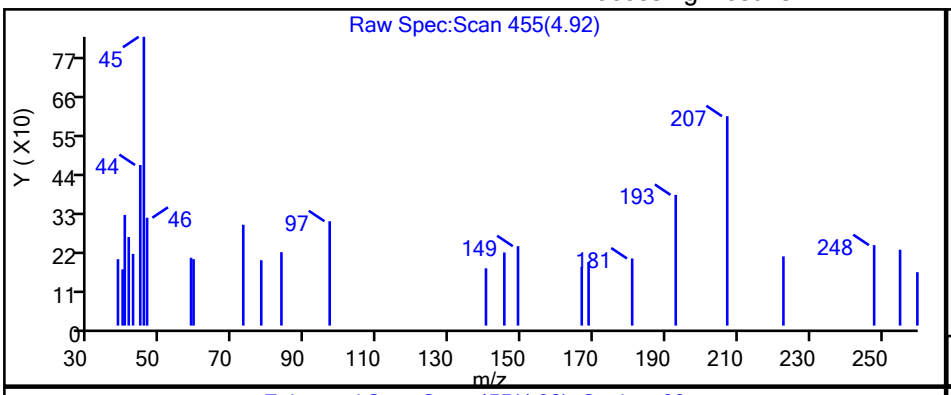
User Disabled Compound Report

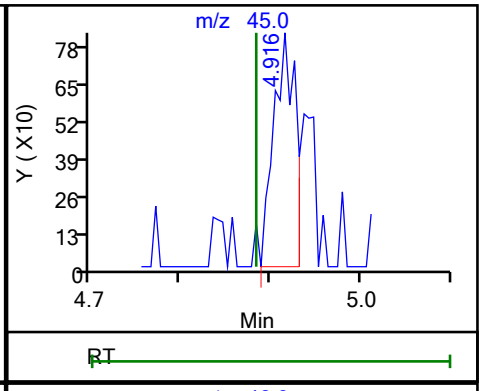
Eurofins TestAmerica, Burlington

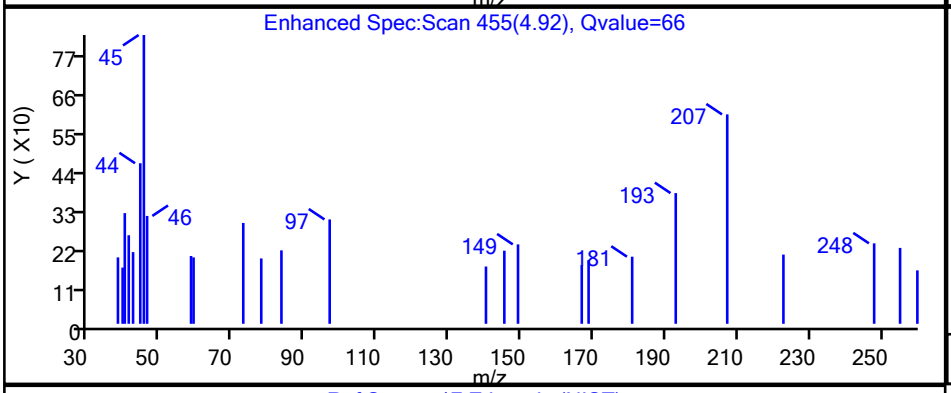
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

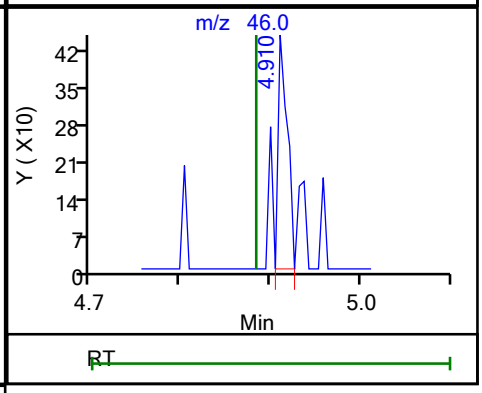
17 Ethanol, CAS: 64-17-5

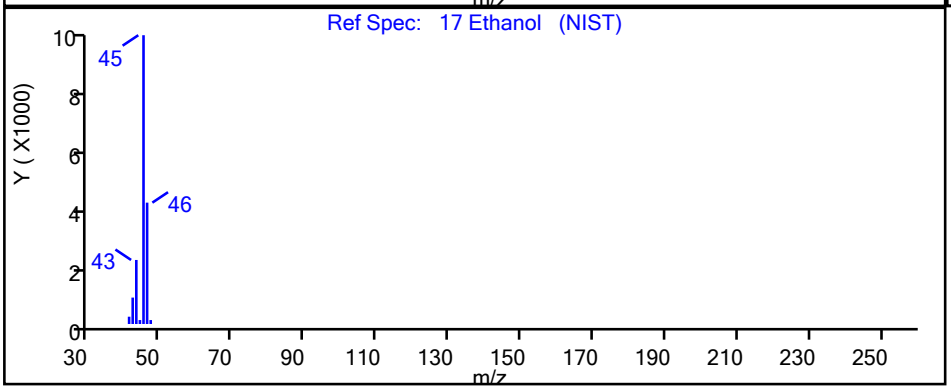
Processing Results











RT	Mass	Response	Amount
4.92	45.00	1380	0.315209
4.91	46.00	314	

Reviewer: puangmaleek, 23-Aug-2021 07:43:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

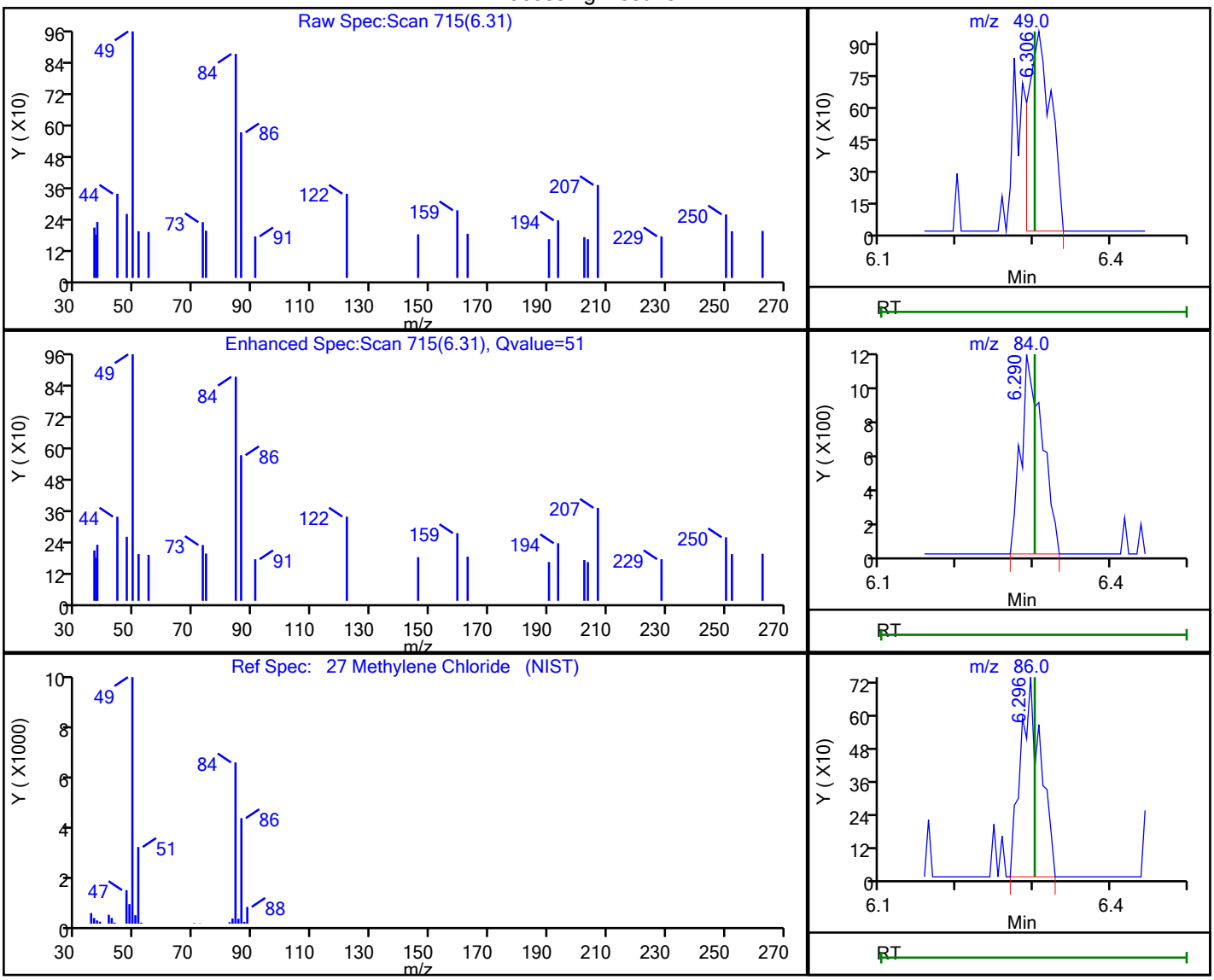
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
6.31	49.00	1905	0.128140
6.29	84.00	2192	
6.30	86.00	1344	

Reviewer: puangmaleek, 23-Aug-2021 07:43:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

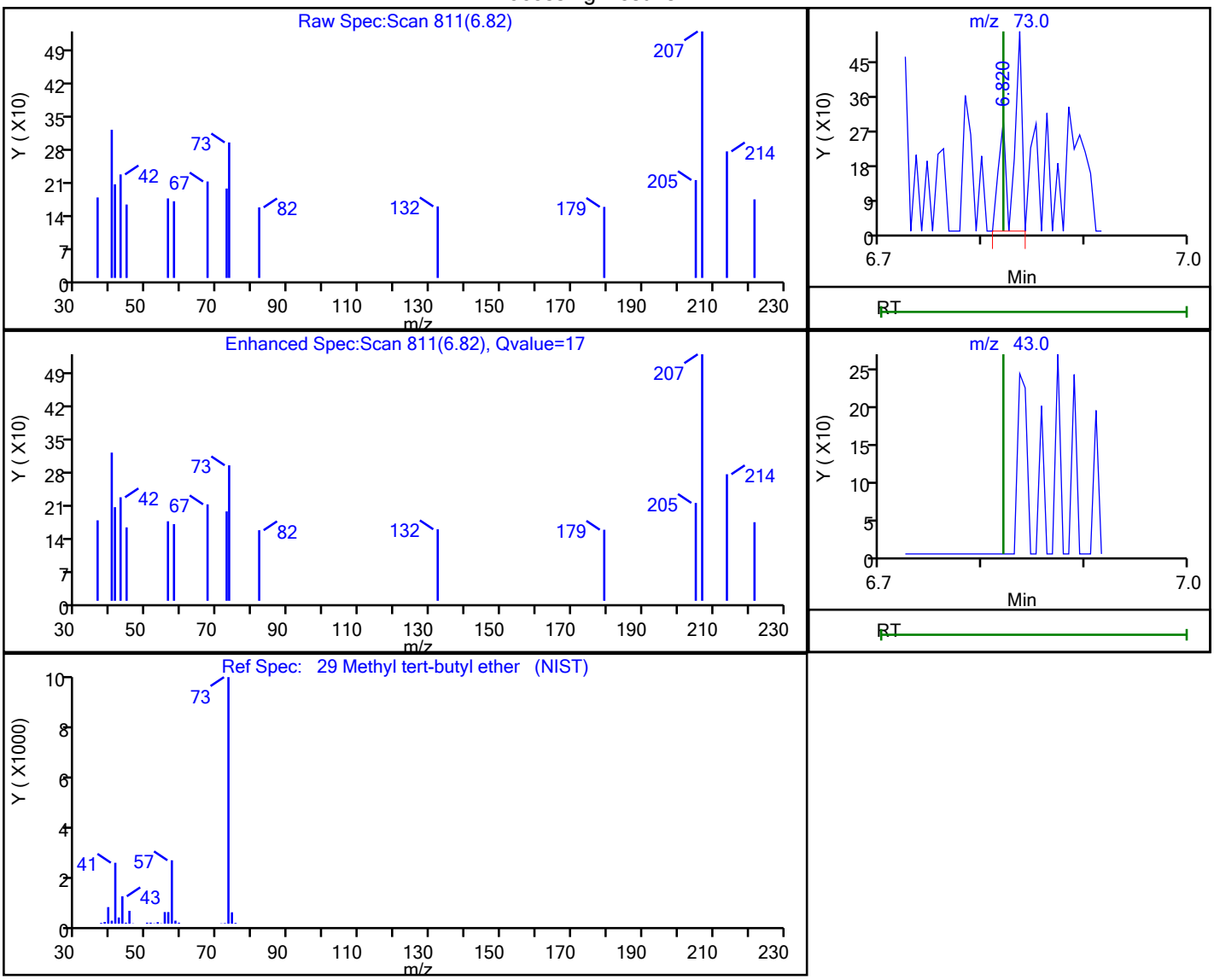
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
6.82	73.00	370	0.011906
6.82	43.00	0	

Reviewer: puangmaleek, 23-Aug-2021 07:43:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

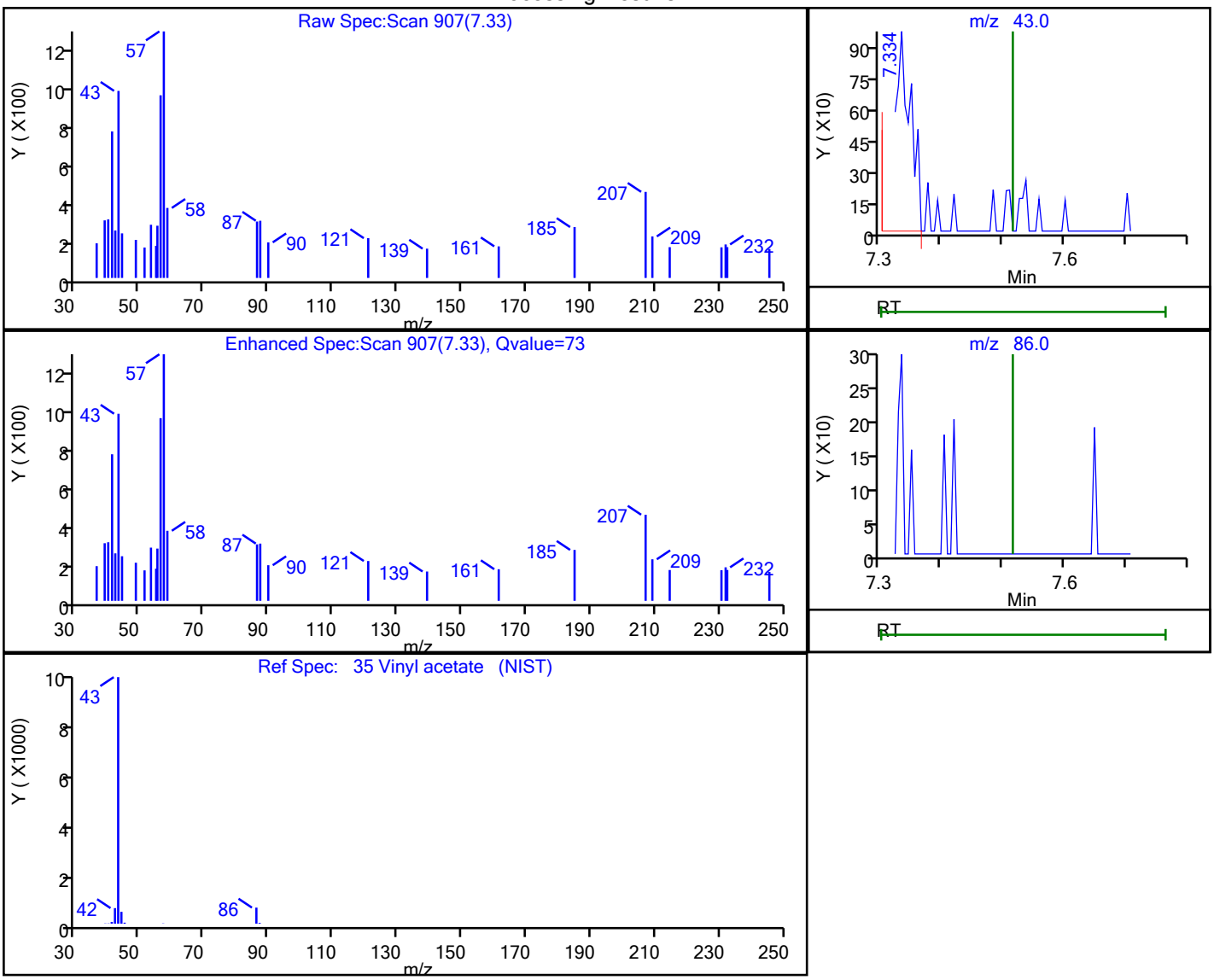
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

35 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
7.33	43.00	2142	0.094546
7.52	86.00	0	

Reviewer: puangmaleek, 23-Aug-2021 07:43:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

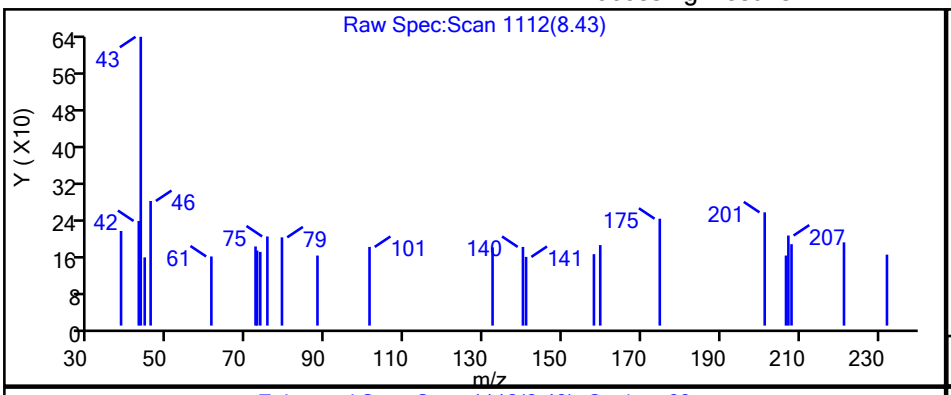
User Disabled Compound Report

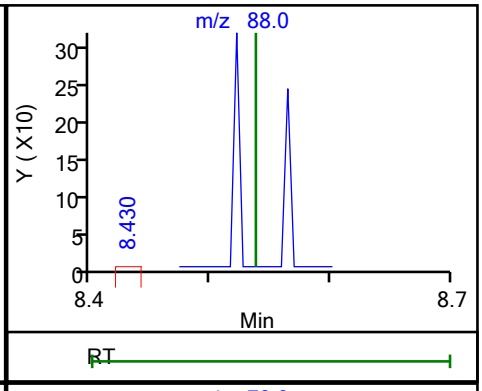
Eurofins TestAmerica, Burlington

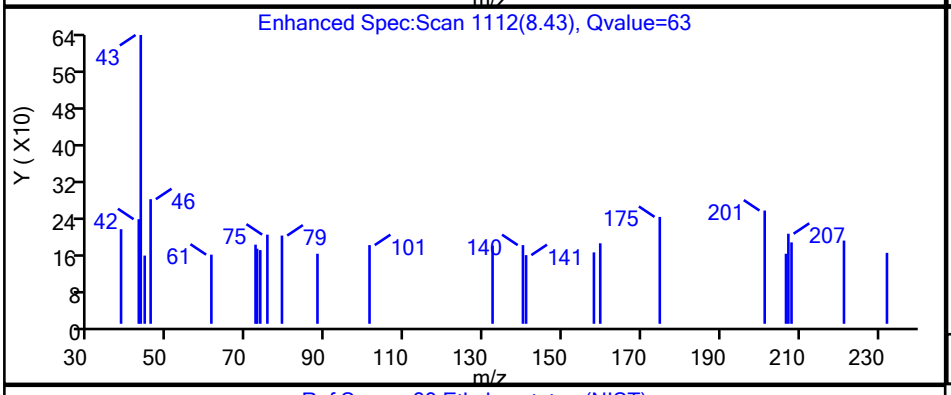
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

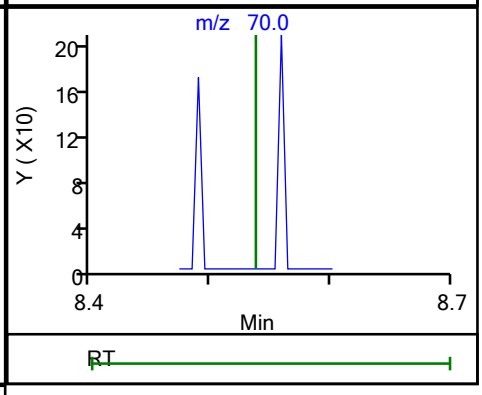
39 Ethyl acetate, CAS: 141-78-6

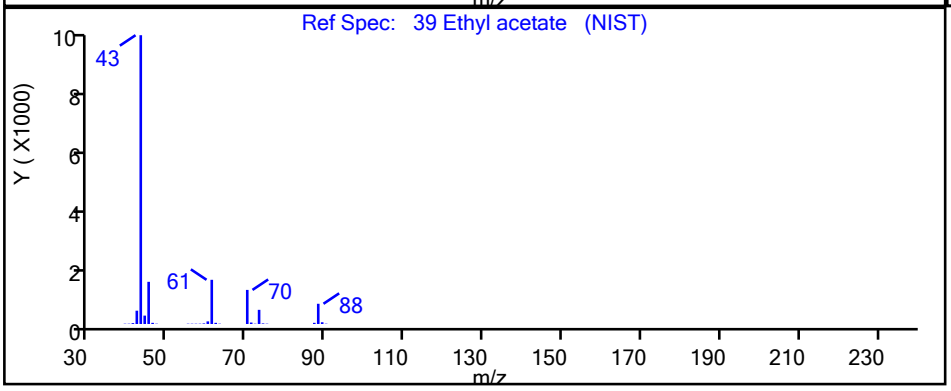
Processing Results











RT	Mass	Response	Amount
8.43	88.00	105	0.139547
8.54	70.00	0	

Reviewer: puangmaleek, 23-Aug-2021 07:44:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

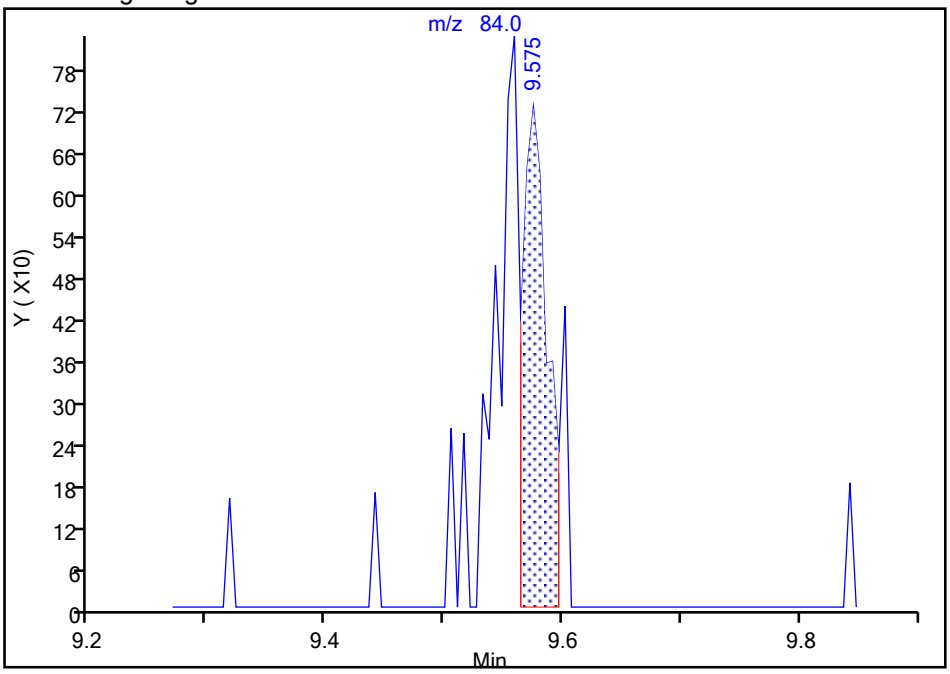
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

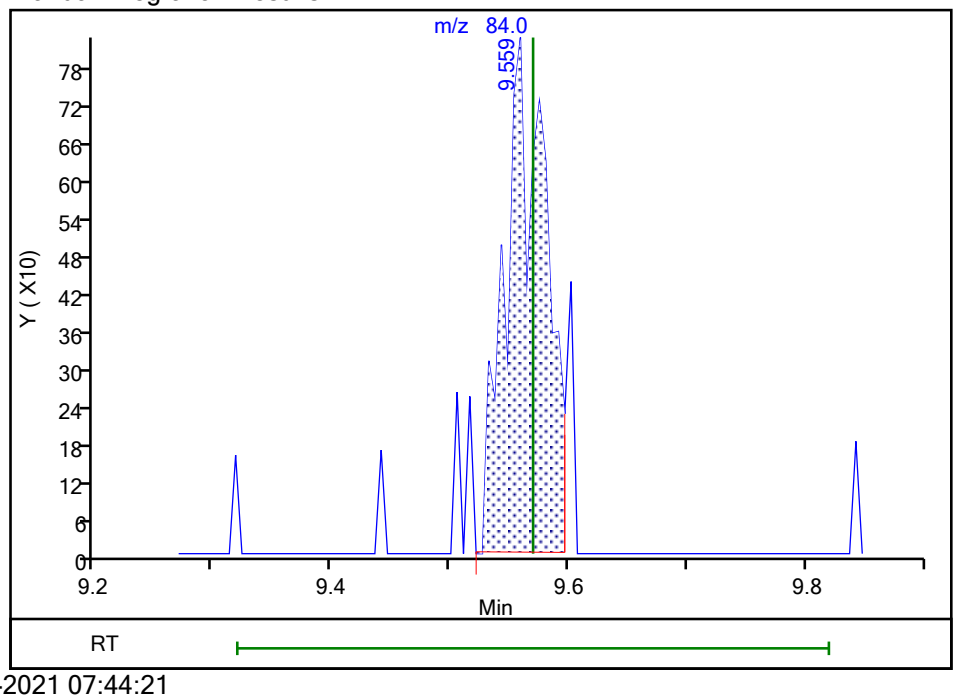
Processing Integration Results

RT: 9.58
Area: 1071
Amount: 0.047455
Amount Units: ppb v/v



Manual Integration Results

RT: 9.56
Area: 1990
Amount: 0.088175
Amount Units: ppb v/v



Reviewer: puangmaleek, 23-Aug-2021 07:44:21

Audit Action: Manually Integrated Audit Reason: Assign Peak

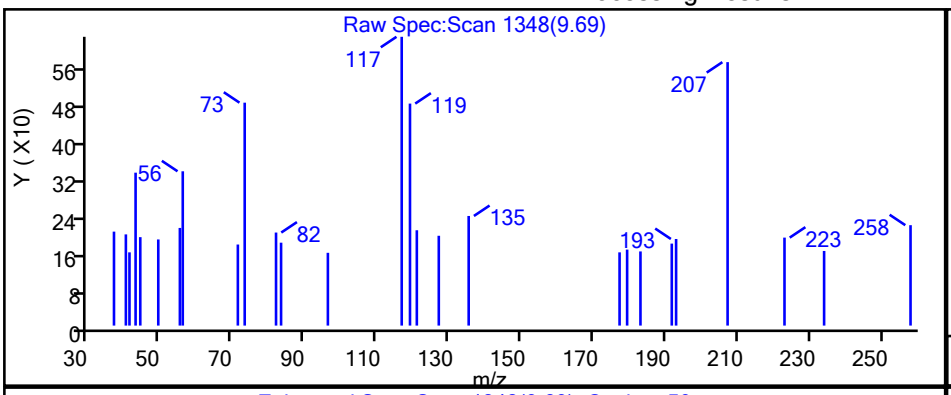
User Disabled Compound Report

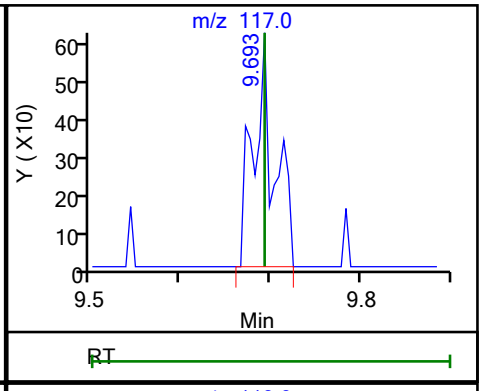
Eurofins TestAmerica, Burlington

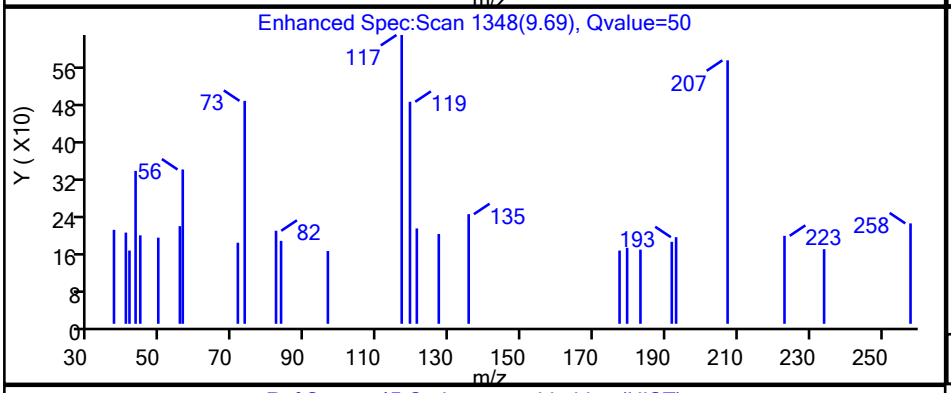
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

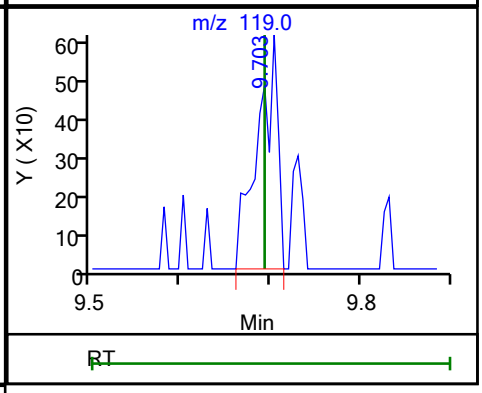
45 Carbon tetrachloride, CAS: 56-23-5

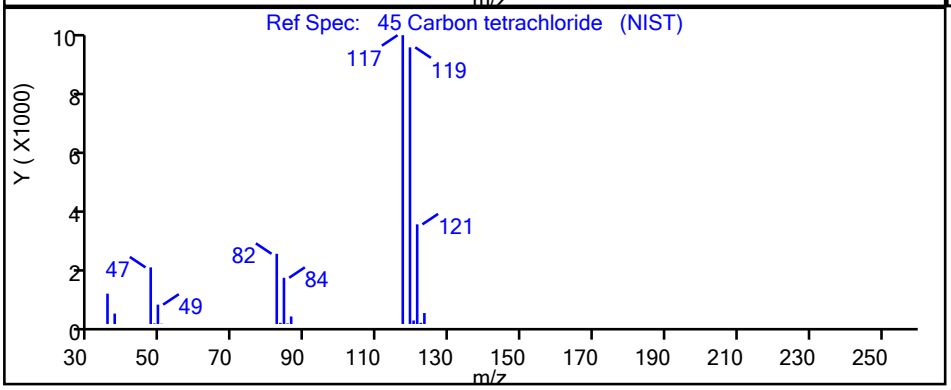
Processing Results











RT	Mass	Response	Amount
9.69	117.00	1008	0.017380
9.70	119.00	957	

Reviewer: puangmaleek, 23-Aug-2021 07:44:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

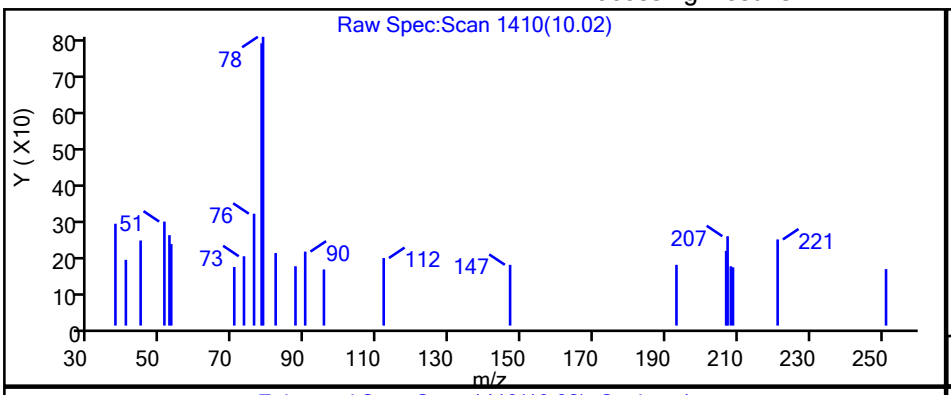
User Disabled Compound Report

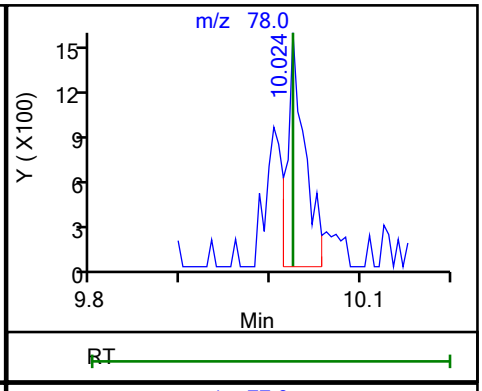
Eurofins TestAmerica, Burlington

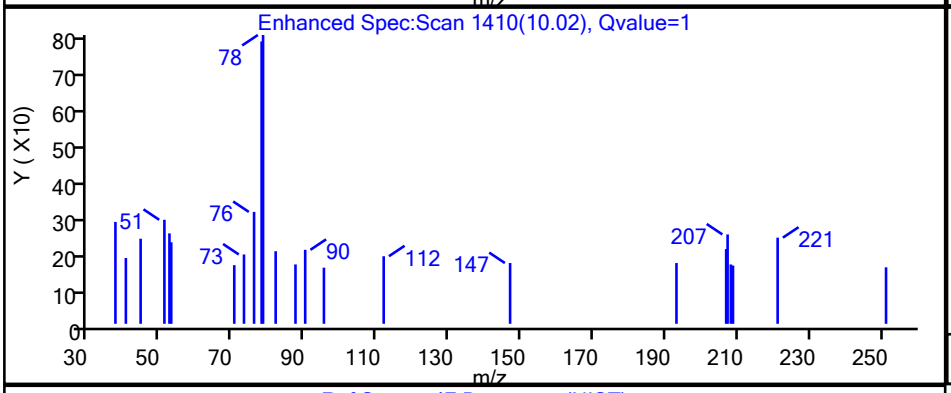
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

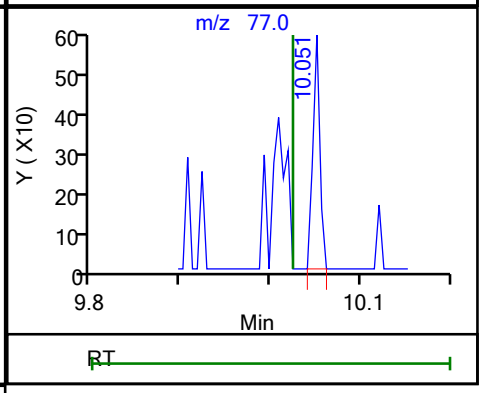
47 Benzene, CAS: 71-43-2

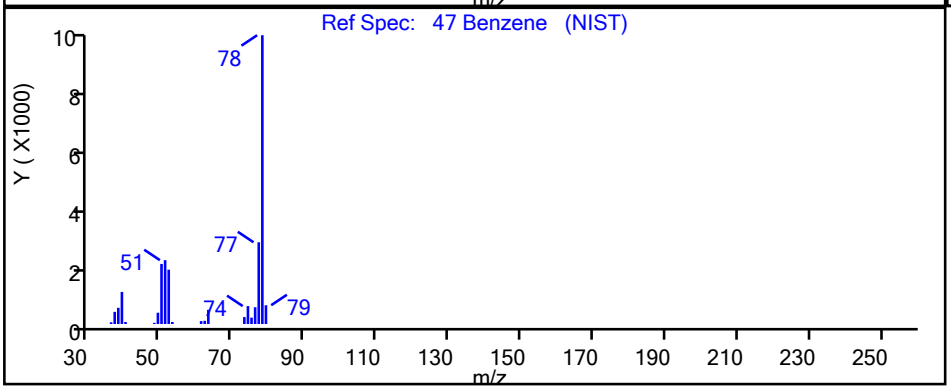
Processing Results











RT	Mass	Response	Amount
10.02	78.00	2139	0.037693
10.05	77.00	321	

Reviewer: puangmaleek, 23-Aug-2021 07:44:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

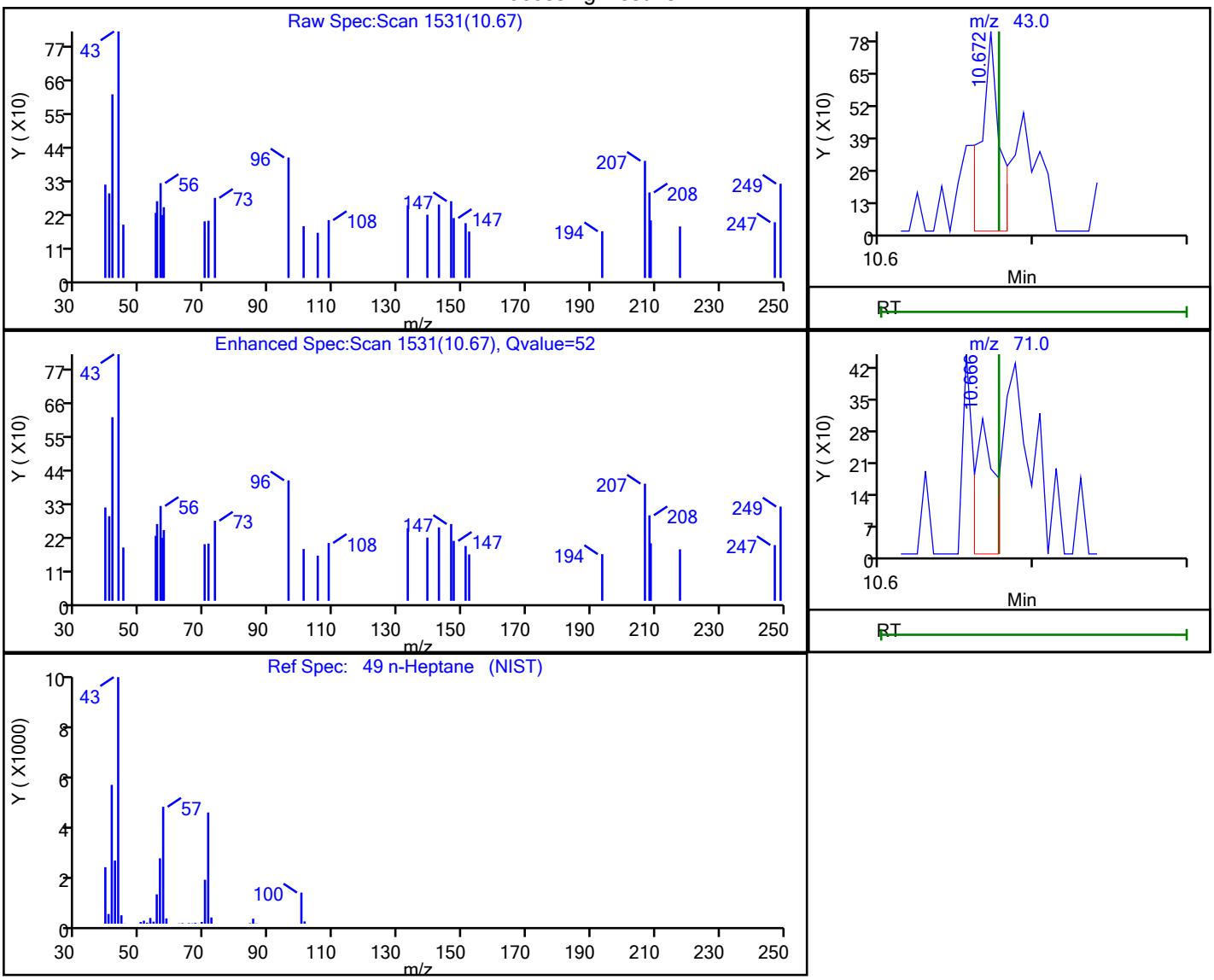
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
10.67	43.00	692	0.019977
10.67	71.00	269	

Reviewer: puangmaleek, 23-Aug-2021 07:44:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

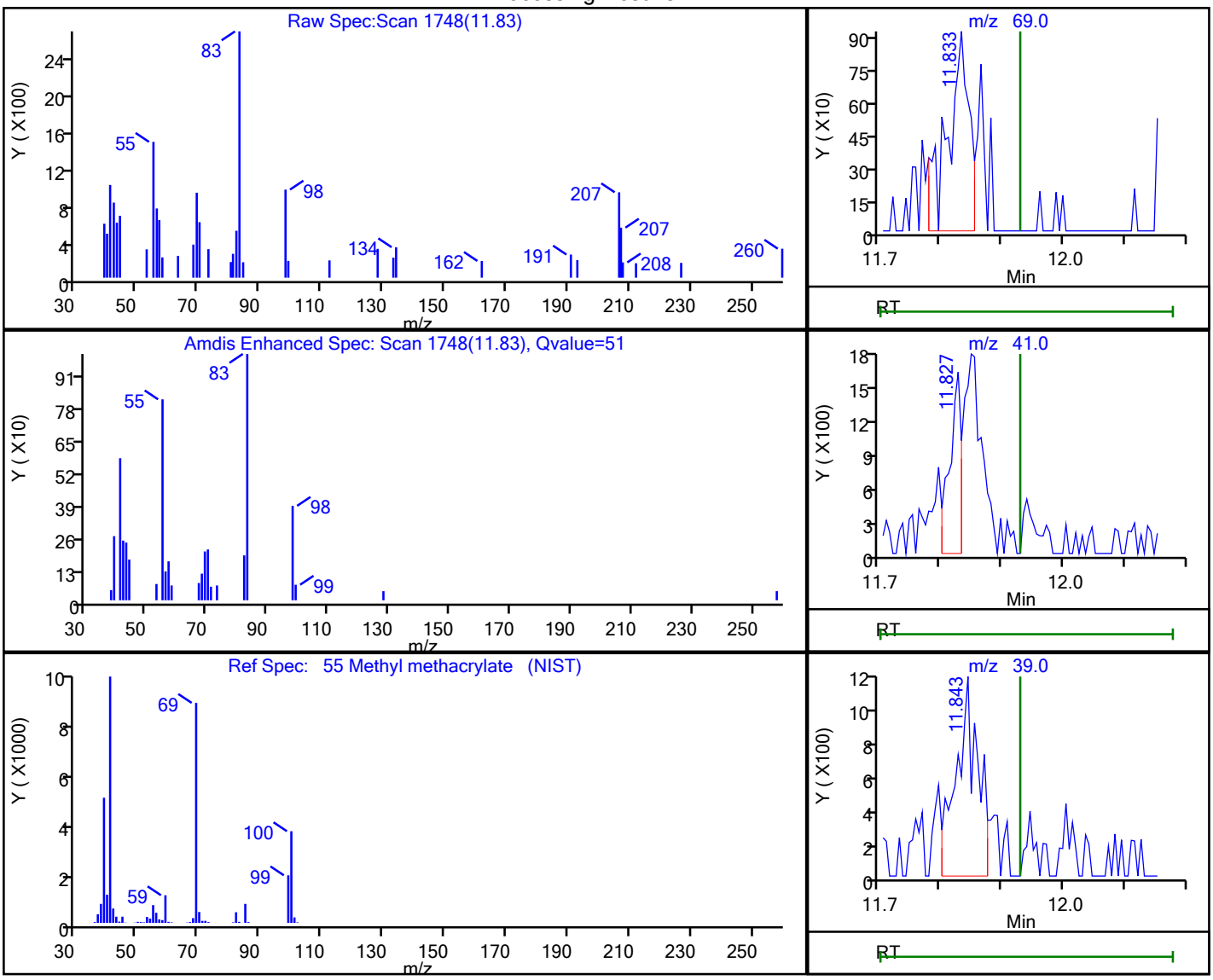
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.83	69.00	2312	0.091522
11.83	41.00	2128	
11.84	39.00	2921	

Reviewer: puangmaleek, 23-Aug-2021 07:44:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

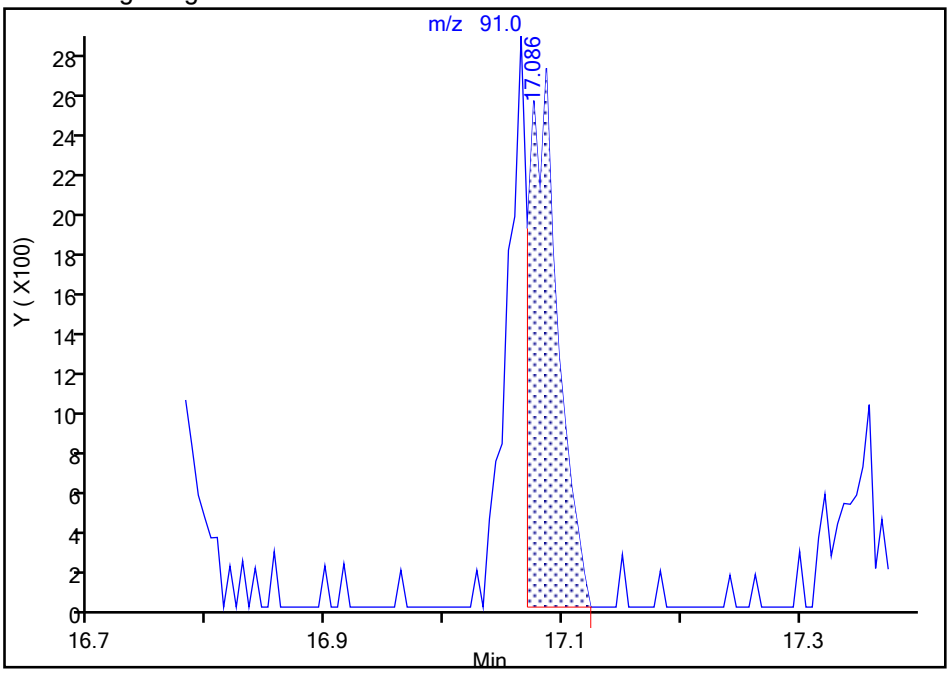
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

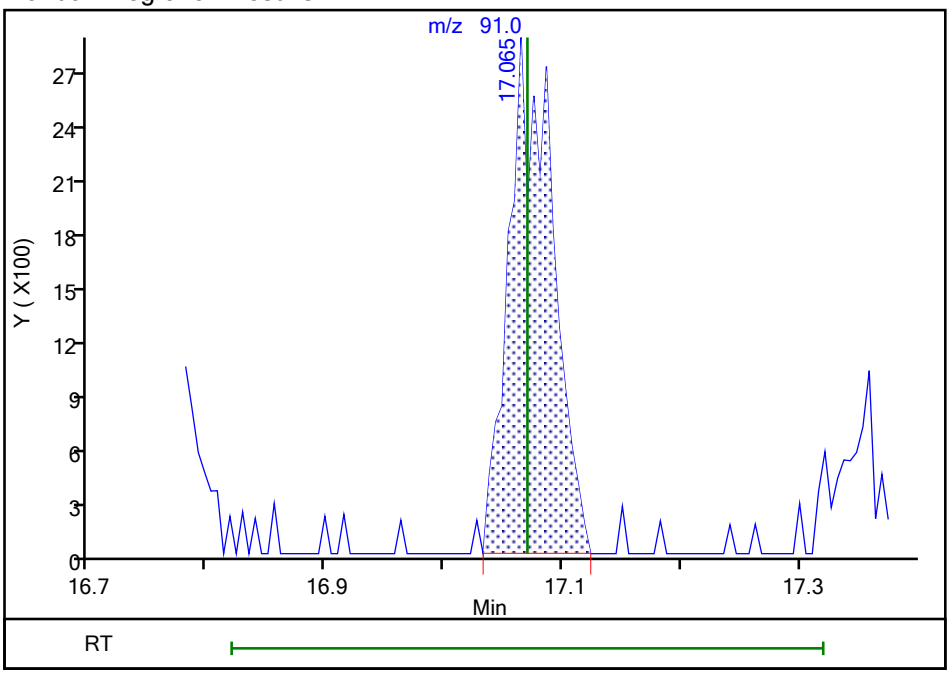
Processing Integration Results

RT: 17.09
Area: 4519
Amount: 0.032111
Amount Units: ppb v/v



Manual Integration Results

RT: 17.06
Area: 7212
Amount: 0.051247
Amount Units: ppb v/v



Reviewer: puangmaleek, 23-Aug-2021 07:44:57
Audit Action: Manually Integrated Audit Reason: Assign Peak

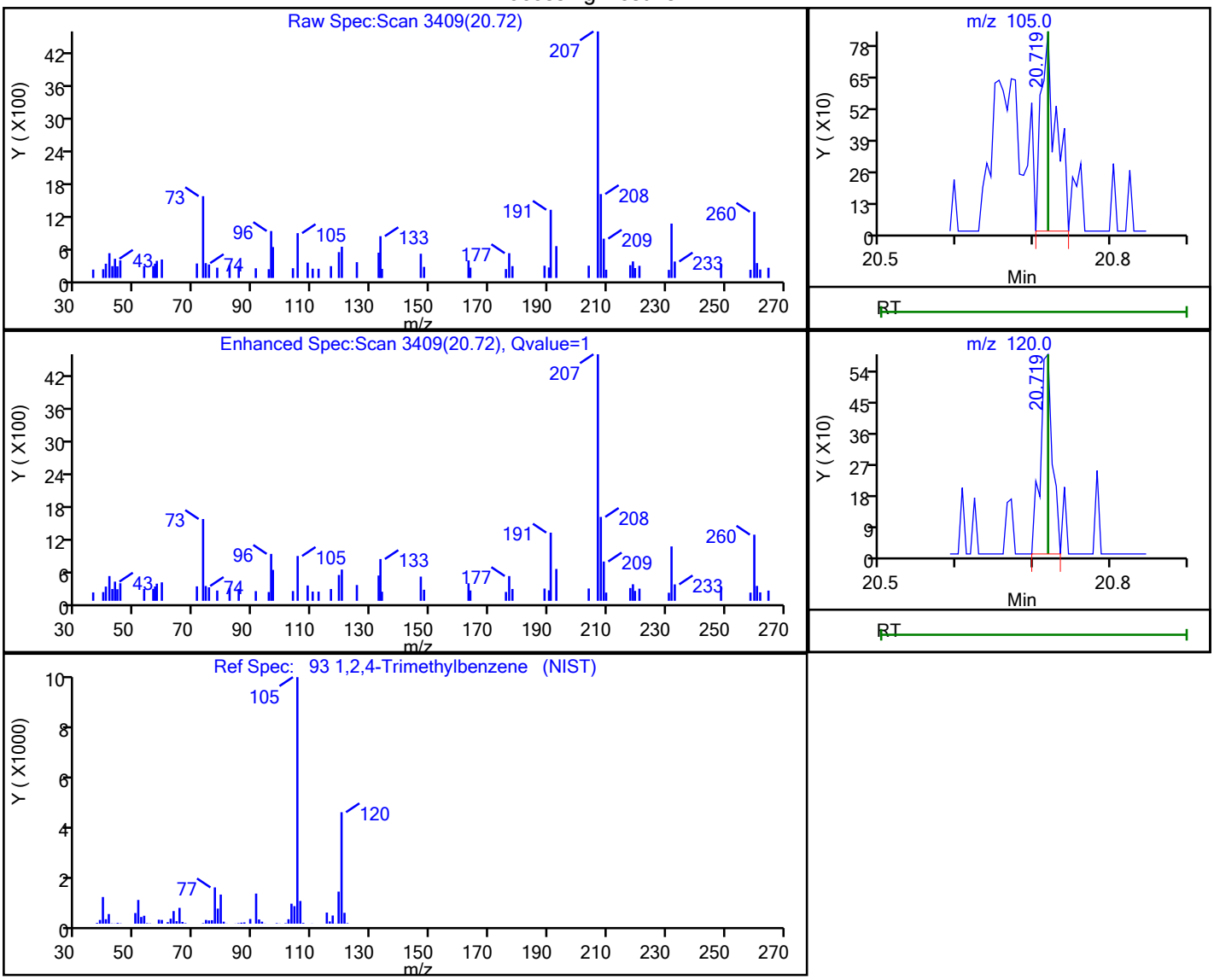
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
20.72	105.00	1158	0.008371
20.72	120.00	638	

Reviewer: puangmaleek, 23-Aug-2021 07:45:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

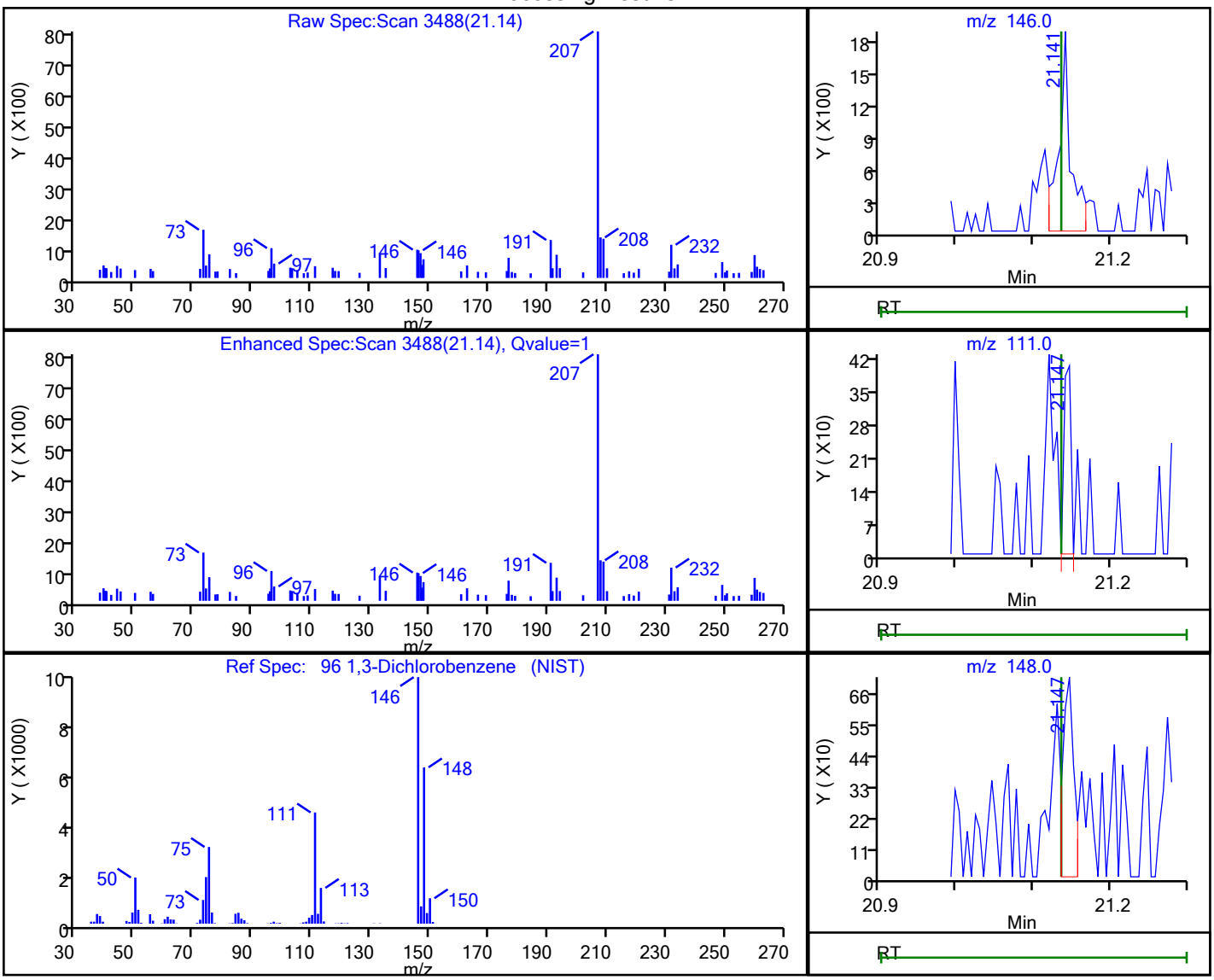
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.14	146.00	1983	0.017578
21.15	111.00	253	
21.15	148.00	725	

Reviewer: puangmaleek, 23-Aug-2021 07:45:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

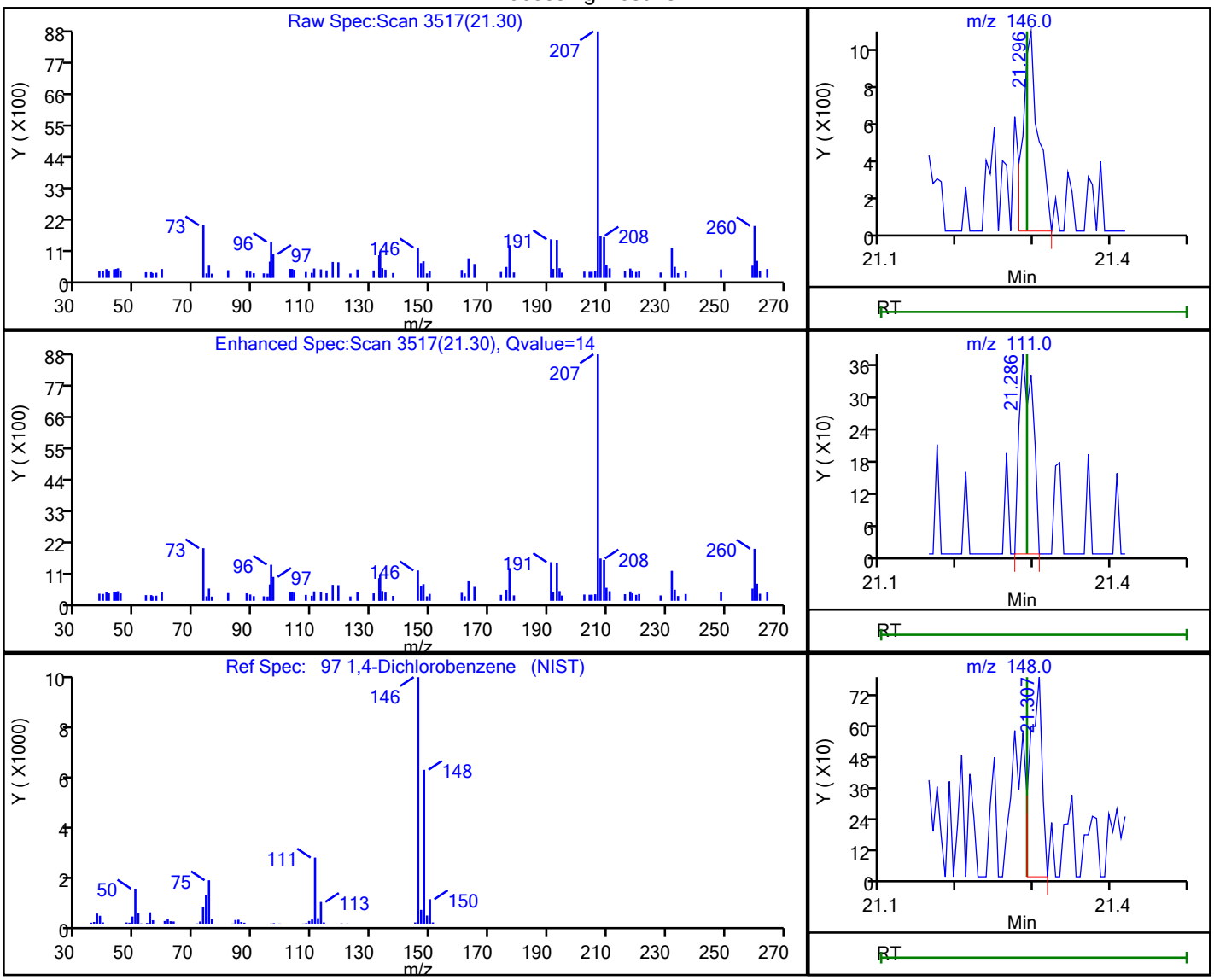
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
21.30	146.00	1483	0.012983
21.29	111.00	457	
21.31	148.00	828	

Reviewer: puangmaleek, 23-Aug-2021 07:45:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

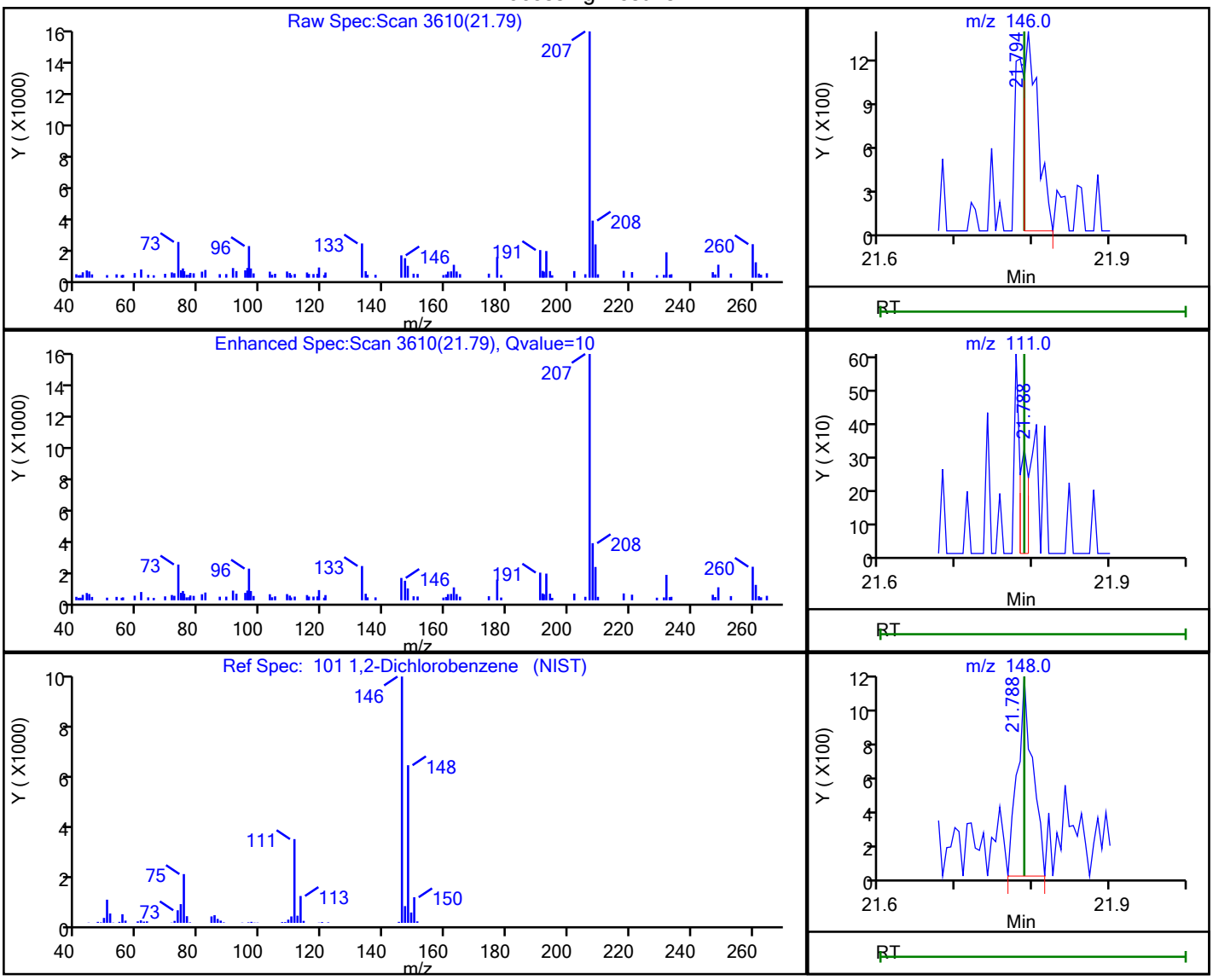
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210820-47240.b\200-47240-005.D				
Injection Date:	20-Aug-2021 11:09:30	Instrument ID:	CHG.i		
Lims ID:	200-59623-A-1	Lab Sample ID:	200-59623-1		
Client ID:	3620				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

101 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
21.79	146.00	1789	0.015852
21.79	111.00	254	
21.79	148.00	1596	

Reviewer: puangmaleek, 23-Aug-2021 07:45:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59632-1

SDG No.:

Client Sample ID: 2908 Lab Sample ID: 200-59632-2

Matrix: Air Lab File ID: 47191-06.D

Analysis Method: TO-15 Date Collected: 08/11/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/17/2021 11:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170302 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59632-1

SDG No.:

Client Sample ID: 2908 Lab Sample ID: 200-59632-2

Matrix: Air Lab File ID: 47191-06.D

Analysis Method: TO-15 Date Collected: 08/11/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/17/2021 11:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170302 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-59632-1

SDG No.:

Client Sample ID: 2908 Lab Sample ID: 200-59632-2

Matrix: Air Lab File ID: 47191-06.D

Analysis Method: TO-15 Date Collected: 08/11/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/17/2021 11:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 170302 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D
Lims ID: 200-59632-A-2
Client ID: 2908
Sample Type: Client
Inject. Date: 17-Aug-2021 11:49:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0047191-006
Misc. Info.: 59632-2
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2021 08:01:49 Calib Date: 01-Aug-2021 20:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210801-46999.b\46999-13.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1664

First Level Reviewer: bourdeaut Date: 17-Aug-2021 12:43:11

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.343				ND	U
	3 Dichlorodifluoromethane	85		4.440				ND	
	4 Chlorodifluoromethane	51		4.477				ND	7
	5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.793				ND	
	6 Chloromethane	50		4.916				ND	
	7 Vinyl chloride	62		5.231				ND	
	8 Butane	43		5.231				ND	7
	9 Butadiene	54		5.344				ND	
	10 Bromomethane	94		6.055				ND	
	12 Chloroethane	64		6.317				ND	
	14 Vinyl bromide	106		6.740				ND	
	15 Trichlorofluoromethane	101		6.895				ND	
	17 Ethanol	45		7.221				ND	U
	20 1,1-Dichloroethene	96		7.954				ND	
	21 112TCTFE	101		7.986				ND	
	22 Acetone	43		8.002				ND	7
	23 Isopropyl alcohol	45		8.270				ND	MU
	24 Carbon disulfide	76		8.372				ND	7
	27 3-Chloro-1-propene	41		8.644				ND	
	28 Methylene Chloride	49		8.874				ND	
	29 2-Methyl-2-propanol	59		9.040				ND	
	31 Methyl tert-butyl ether	73		9.356				ND	7
	32 trans-1,2-Dichloroethene	61		9.372				ND	7
S	33 1,2-Dichloroethene, Total	61				0		0.1586	
	34 Hexane	57		9.875				ND	
	35 Vinyl acetate	43		10.132				ND	
	36 1,1-Dichloroethane	63		10.142				ND	
	37 2-Butanone (MEK)	72		11.078				ND	
	38 cis-1,2-Dichloroethene	96	11.121	11.121	-0.011	81	2212	0.1586	M
	39 Ethyl acetate	88		11.169				ND	
*	40 Chlorobromomethane	128	11.544	11.544	0.000	84	71446	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.565				ND	
	42 Chloroform	83		11.715				ND	
	43 1,1,1-Trichloroethane	97		12.020				ND	
	44 Cyclohexane	84		12.164				ND	
	45 Carbon tetrachloride	117		12.304				ND	
	46 Benzene	78		12.646				ND	7
	47 1,2-Dichloroethane	62		12.726				ND	
	48 Isooctane	57		12.855				ND	
	49 n-Heptane	43		13.160				ND	U
*	50 1,4-Difluorobenzene	114	13.379	13.379	0.000	95	362425	10.0	
	52 Trichloroethene	95		13.812				ND	
	55 1,2-Dichloropropane	63		14.272				ND	
	56 Methyl methacrylate	69		14.342				ND	
	57 1,4-Dioxane	88		14.385				ND	
	58 Dibromomethane	174		14.433				ND	
	59 Dichlorobromomethane	83		14.738				ND	
	60 cis-1,3-Dichloropropene	75		15.535				ND	
	62 4-Methyl-2-pentanone (MIBK)	43		15.770				ND	
	63 Toluene	92		16.171				ND	7
	67 trans-1,3-Dichloropropene	75		16.589				ND	
	68 1,1,2-Trichloroethane	83		16.969				ND	
	69 Tetrachloroethene	166		17.161				ND	
	70 2-Hexanone	43		17.348				ND	
	71 Chlorodibromomethane	129		17.712				ND	
	72 Ethylene Dibromide	107		17.953				ND	
*	73 Chlorobenzene-d5	117	18.852	18.857	-0.005	91	257343	10.0	
	74 Chlorobenzene	112		18.916				ND	
	75 Ethylbenzene	91		19.103				ND	U
	76 m-Xylene & p-Xylene	106		19.354				ND	
S	78 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		20.130				ND	
	80 Styrene	104		20.173				ND	
	81 Bromoform	173		20.526				ND	
	82 Isopropylbenzene	105		20.820				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.334				ND	7
	85 N-Propylbenzene	91		21.526				ND	
	86 2-Chlorotoluene	91		21.682				ND	
	87 4-Ethyltoluene	105		21.724				ND	7
	88 1,3,5-Trimethylbenzene	105		21.815				ND	7
	91 tert-Butylbenzene	119		22.297				ND	7
	92 1,2,4-Trimethylbenzene	105		22.382				ND	
	93 sec-Butylbenzene	105		22.618				ND	
	94 1,3-Dichlorobenzene	146		22.800				ND	7
	95 4-Isopropyltoluene	119		22.832				ND	7
	96 1,4-Dichlorobenzene	146		22.944				ND	U
	97 Benzyl chloride	91		23.083				ND	
	98 n-Butylbenzene	91		23.388				ND	7
	99 1,2-Dichlorobenzene	146		23.426				ND	U
	102 1,2,4-Trichlorobenzene	180		25.876				ND	
	103 Hexachlorobutadiene	225		26.111				ND	
	104 Naphthalene	128		26.357				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

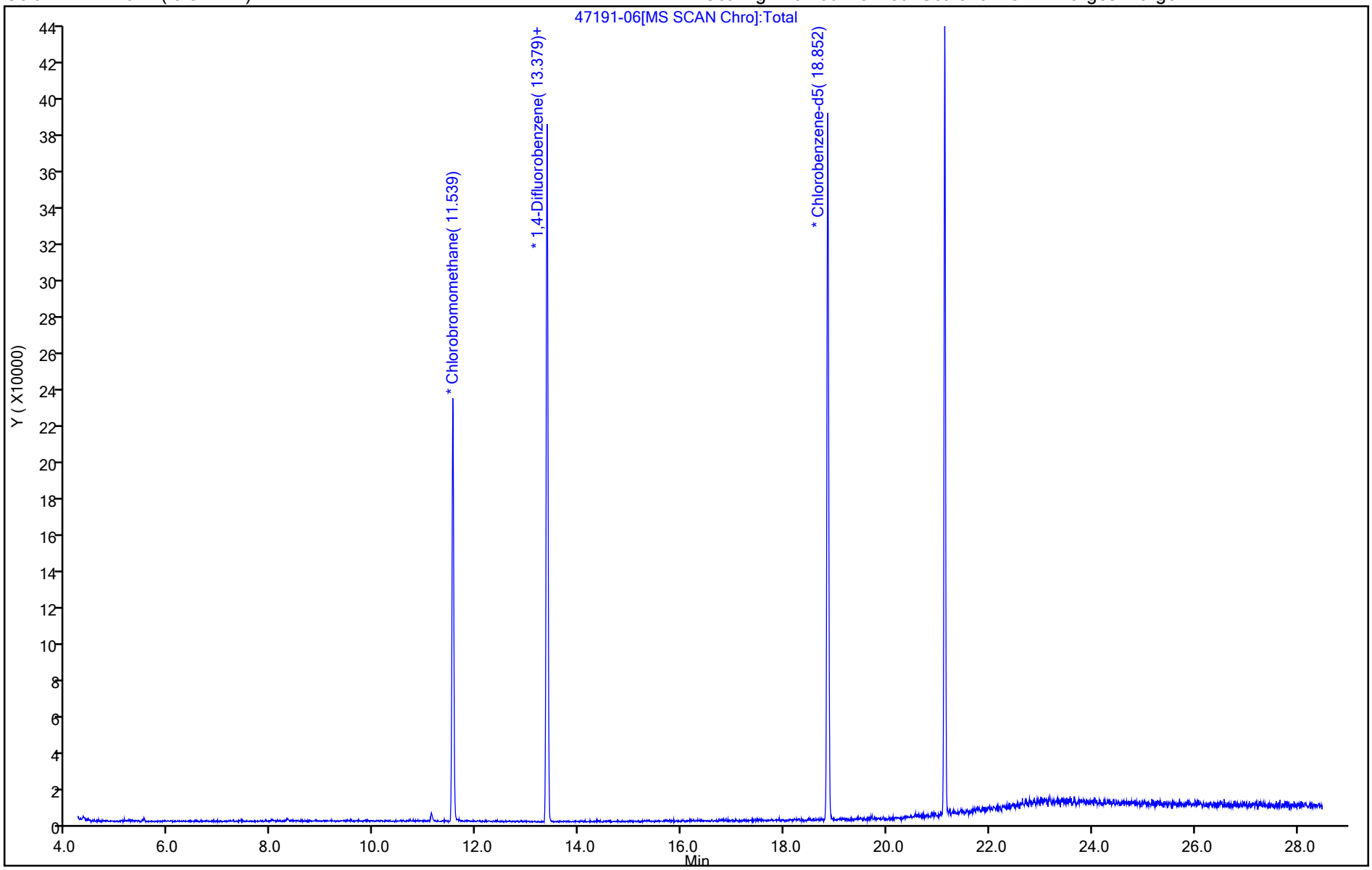
ATTO15XISs_00003 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 18-Aug-2021 08:01:49 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2	Worklist Smp#:	6
Client ID:	2908				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



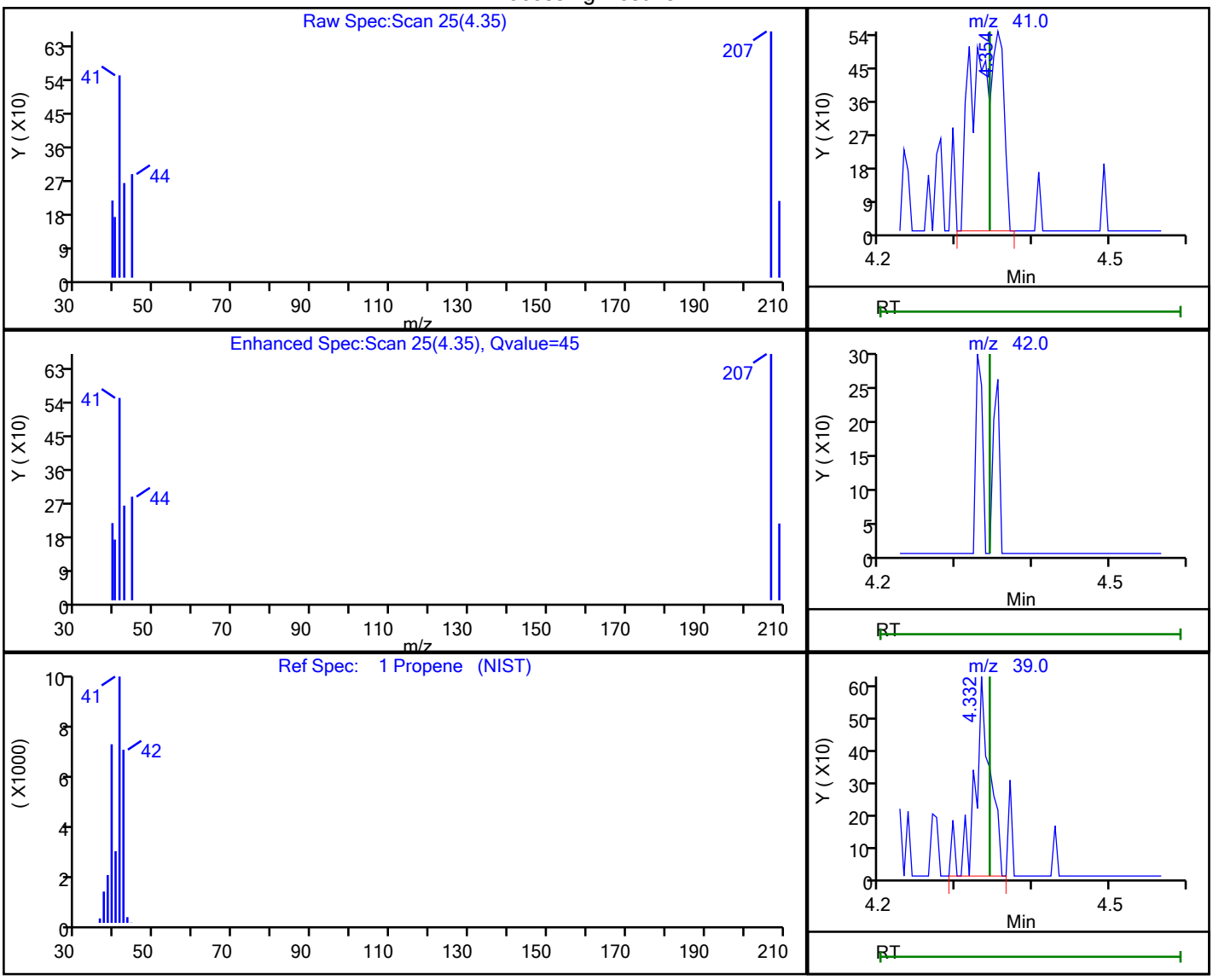
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
4.35	41.00	1472	0.112796
4.34	42.00	0	
4.33	39.00	871	

Reviewer: bunmaa, 18-Aug-2021 07:58:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

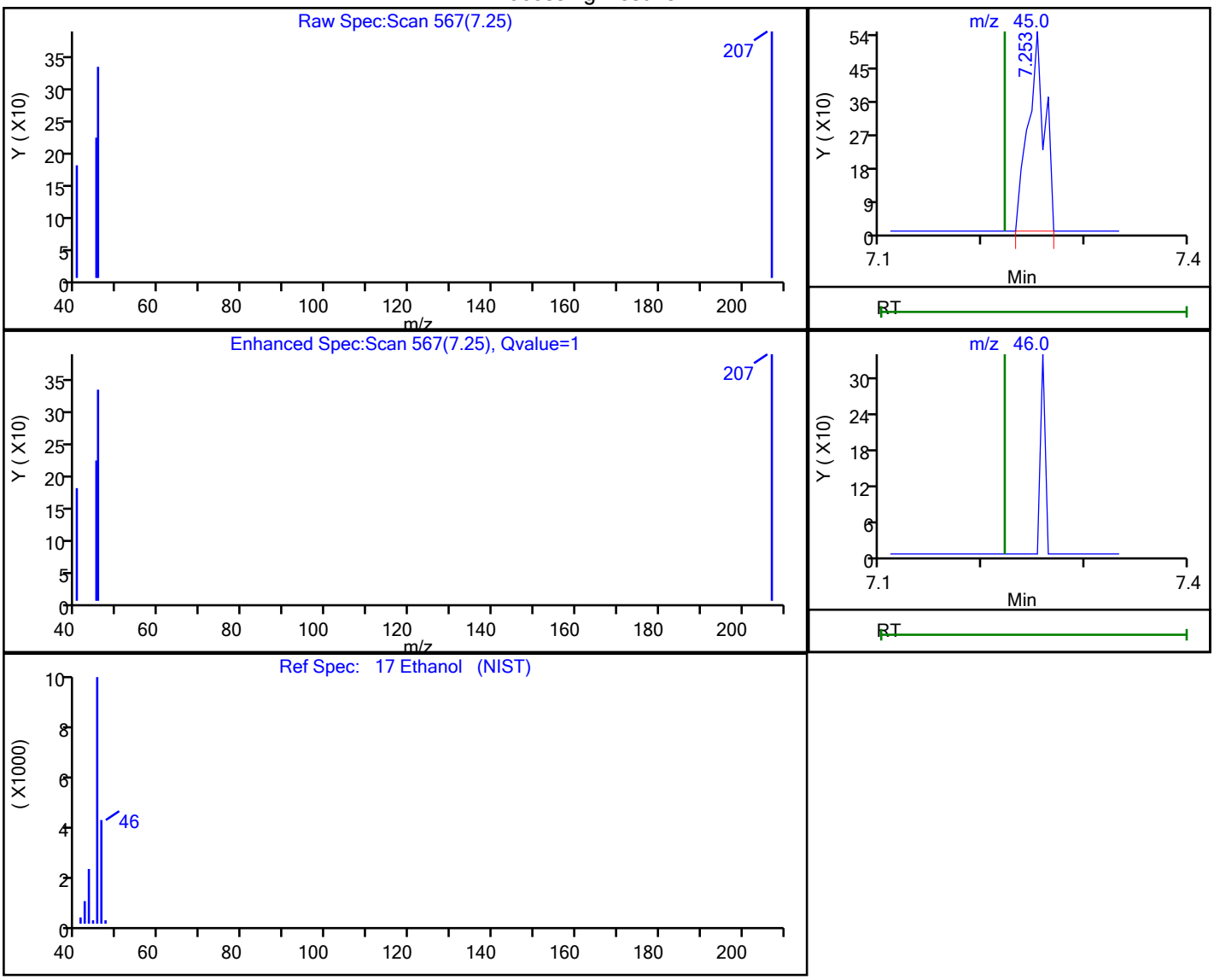
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
7.25	45.00	613	0.152327
7.22	46.00	0	

Reviewer: bunmaa, 18-Aug-2021 07:58:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

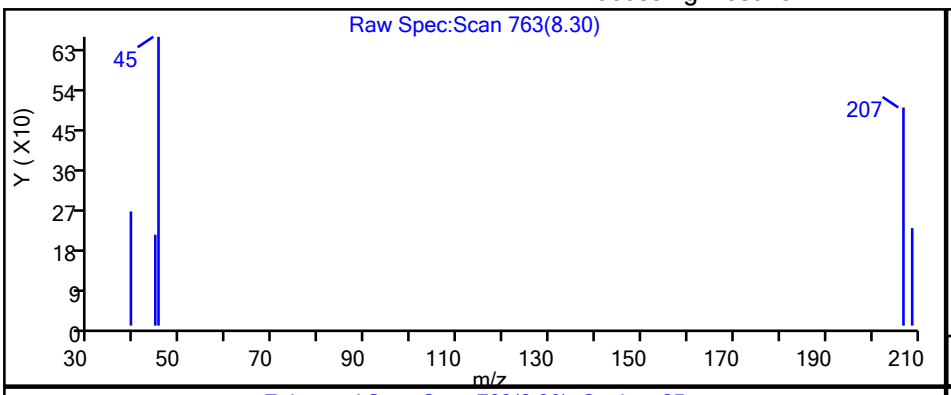
User Disabled Compound Report

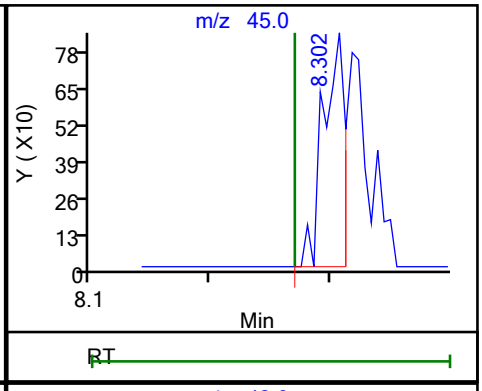
Eurofins TestAmerica, Burlington

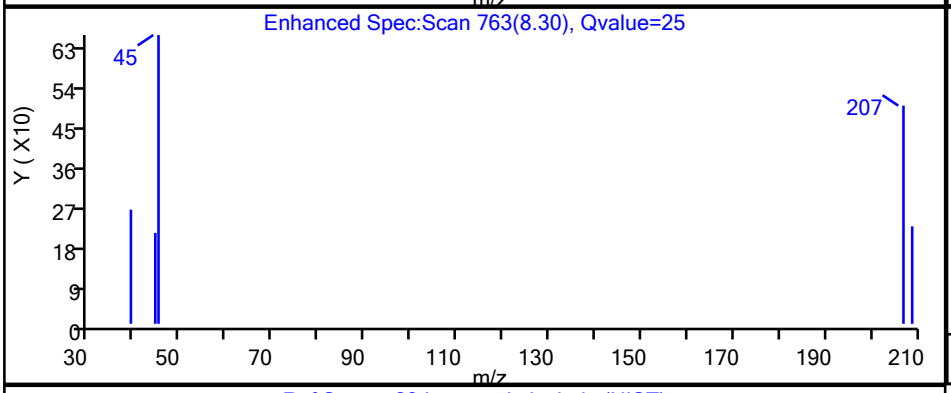
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

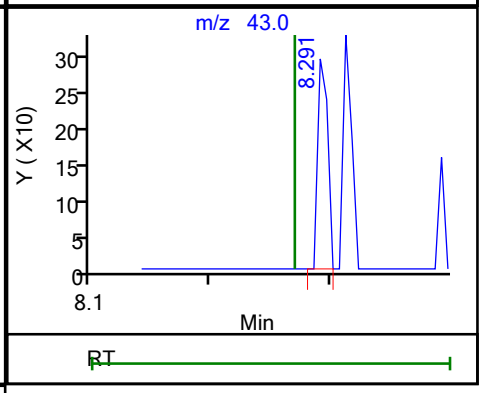
23 Isopropyl alcohol, CAS: 67-63-0

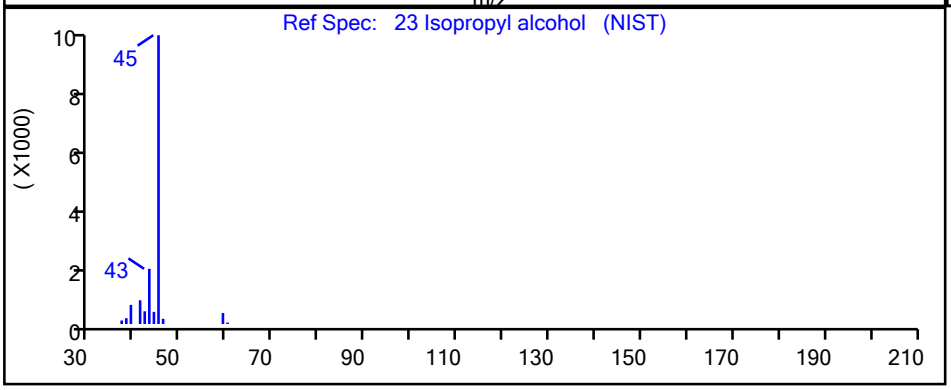
Processing Results











RT	Mass	Response	Amount
8.30	45.00	1060	0.064758
8.29	43.00	168	

Reviewer: bunmaa, 18-Aug-2021 07:59:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

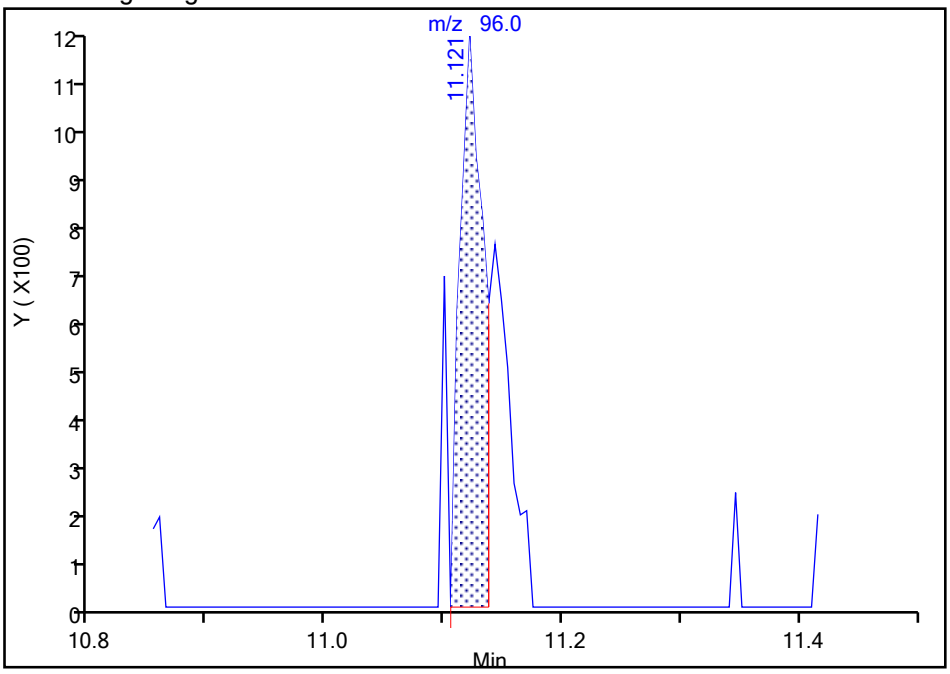
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

38 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

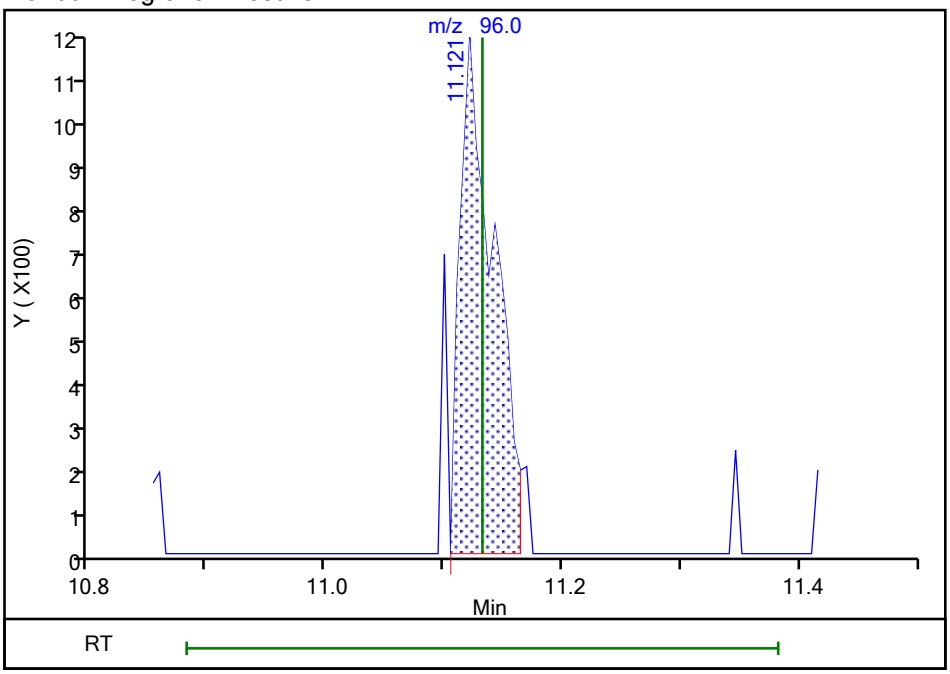
Processing Integration Results

RT: 11.12
Area: 1515
Amount: 0.108655
Amount Units: ppb v/v



Manual Integration Results

RT: 11.12
Area: 2212
Amount: 0.158643
Amount Units: ppb v/v



Reviewer: bunmaa, 18-Aug-2021 07:59:45

Audit Action: Manually Integrated Audit Reason: Assign Peak

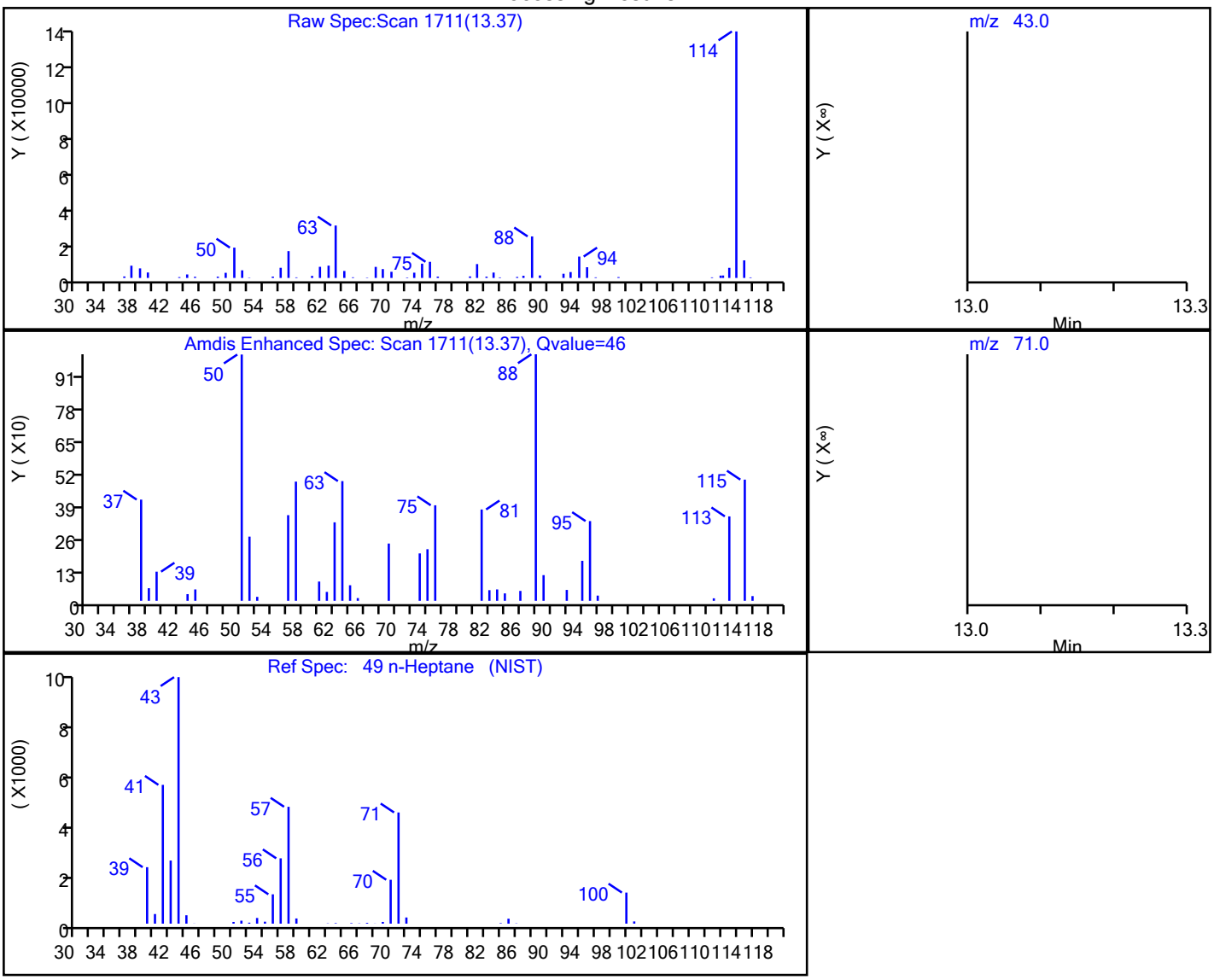
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
13.37	43.00	527	0.027497
13.16	71.00	0	

Reviewer: bourdeaut, 17-Aug-2021 12:41:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

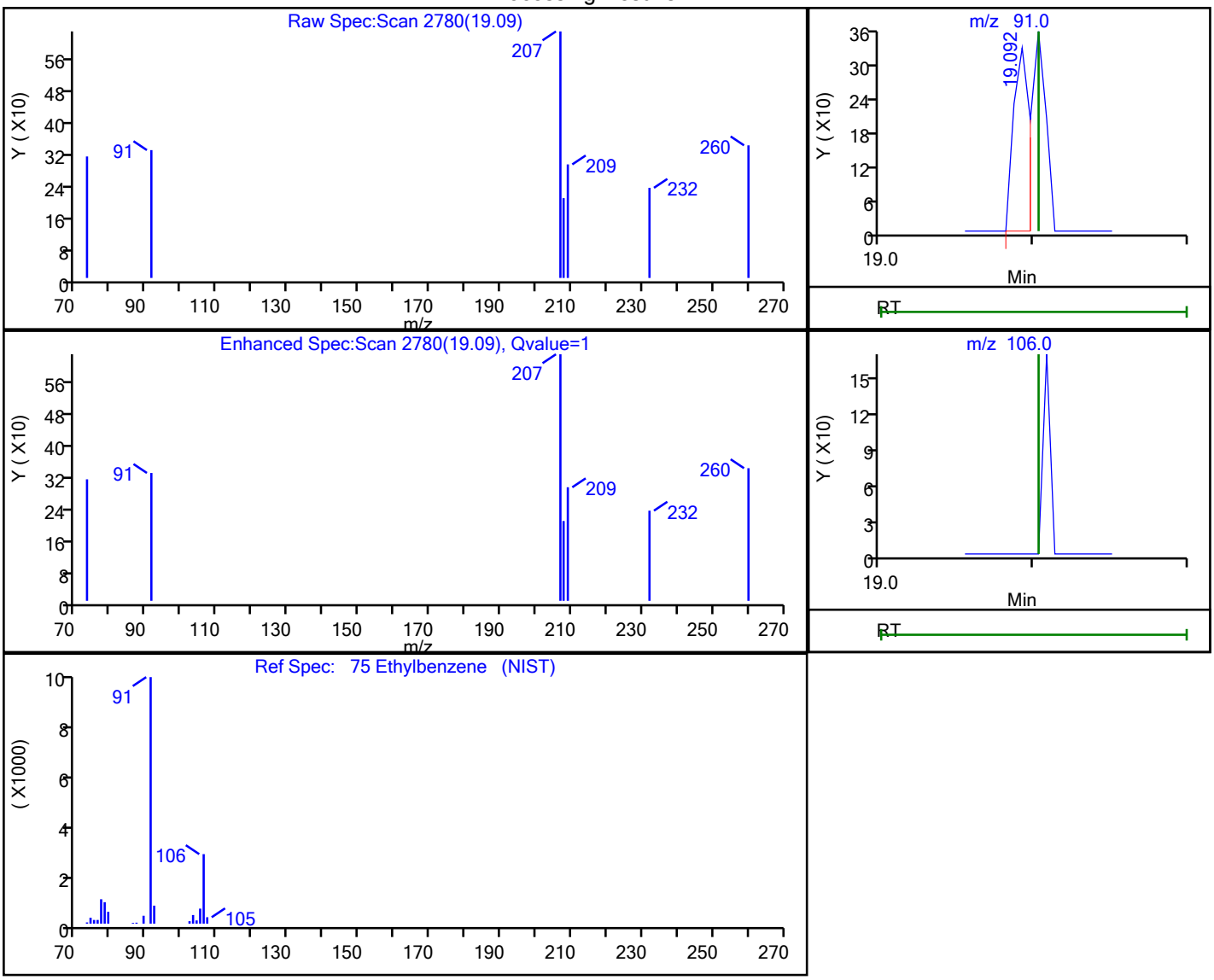
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.09	91.00	238	0.004921
19.10	106.00	0	

Reviewer: bunmaa, 18-Aug-2021 08:01:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

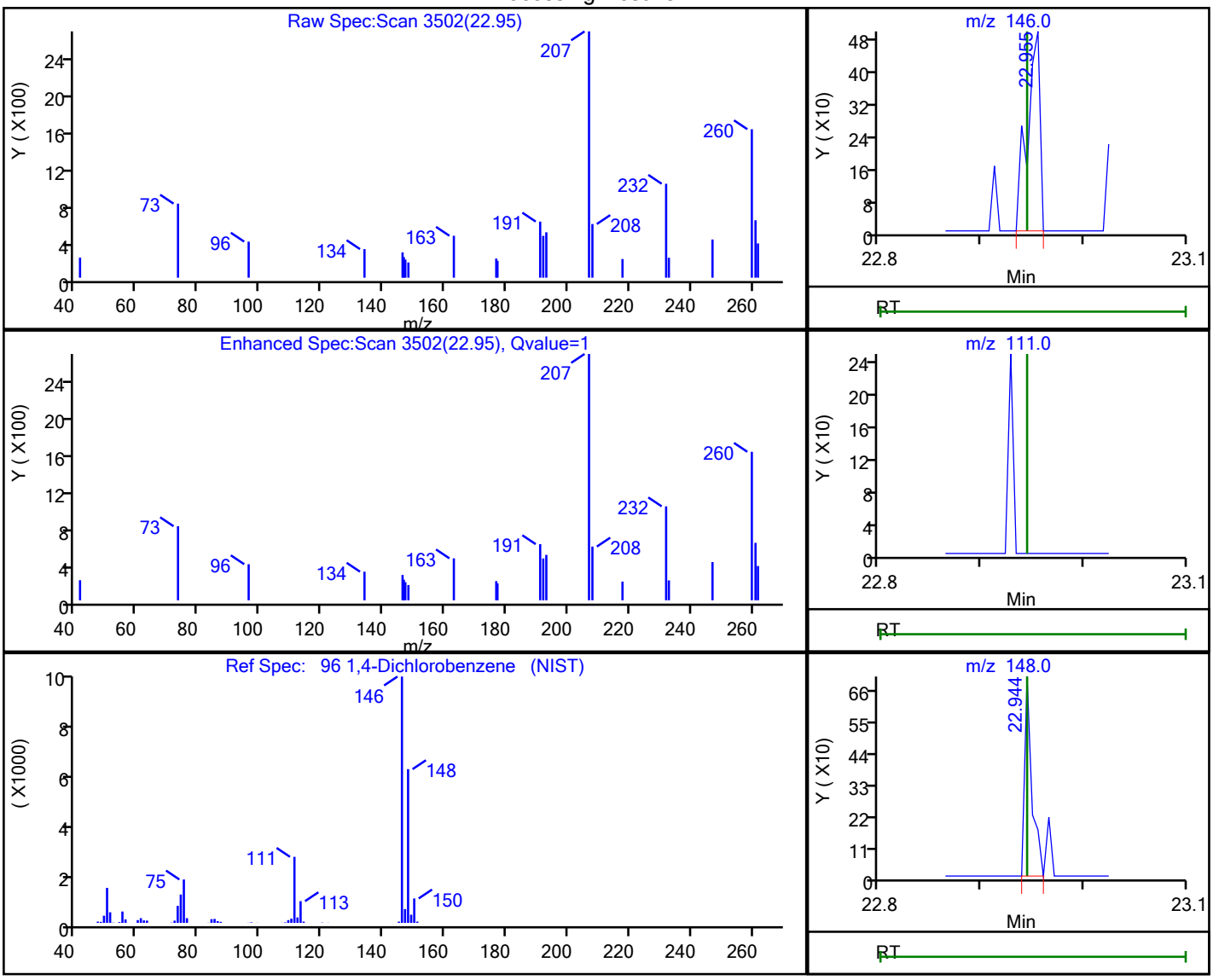
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.95	146.00	422	0.021300
22.94	111.00	0	
22.94	148.00	347	

Reviewer: bourdeaut, 17-Aug-2021 12:41:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

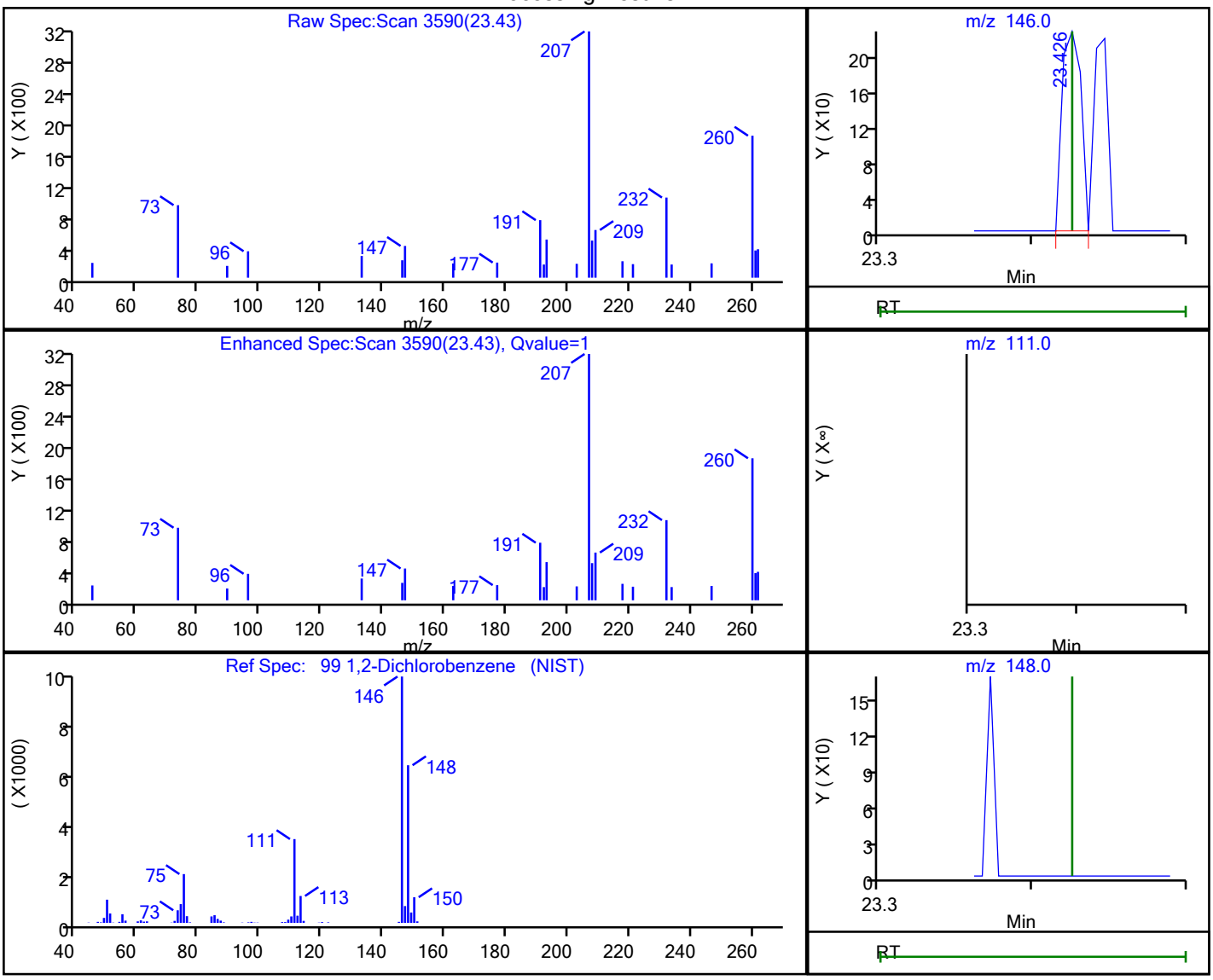
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210817-47191.b\47191-06.D				
Injection Date:	17-Aug-2021 11:49:30	Instrument ID:	CHX.i		
Lims ID:	200-59632-A-2	Lab Sample ID:	200-59632-2		
Client ID:	2908				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

99 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
23.43	146.00	195	0.009261
23.43	111.00	0	
23.43	148.00	0	

Reviewer: bourdeaut, 17-Aug-2021 12:41:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID