2022 Periodic Review Report

Location:

Remington Rand Building
184 and 185 Sweeney Street
North Tonawanda, New York
NYSDEC BCP Site #C932142

Prepared for:

Gold Wynn Residential, LLC
11 Summer Street
Buffalo, New York

LaBella Project No. 2191060

June 16, 2022

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1.0 EXECUTIVE SUMMARY

The Remington Rand Building is located at 184 & 185 Sweeney Street, City of North Tonawanda, Niagara County, New York and is identified as Block 1 and Lot 21 on the Niagara County Tax Map (SBL # 185.09-1-21), herein after referred to as the "Site." A Site Location Map is included as Figure 1. The Site is a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site (BCP Site #C932142) and was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index No. B9-0780-08-06. This Periodic Review Report (PRR) is a required element of the approved Site Management Plan (SMP) dated September 2010 and associated addendum dated January 31, 2020, for the Site. This PRR covers the reporting period from May 20, 2021, to May 20, 2022.

1.1 Site Summary

The Site is an approximately 1.8-acre area bounded by Tremont Street to the north, Sweeney Street to the south, New York Central Railroad property to the east, and Marion Street to the west. The boundaries of the Site are more fully described on the ALTA Survey map provided herein in Appendix 1. The 1.8-acre Site includes a slab-on-grade four-story concrete block and brick building. Also, a one-story slab-on-grade brick building adjoins the four-story building to the south. The remainder of the Site is occupied by asphalt/concrete and gravel parking areas with some green space. The Site Building area occupies approximately 1.2 acres of the 1.8-acre Site. A Site Base Map is included as Figure 2.

The following is a summary of the nature and extent of contamination from the Remedial Investigation (RI) and resulting remedial history:

Sub-Slab Vapor Investigation -The sub-slab vapor assessment program resulted in several volatile organic compounds (VOCs) detected in both the indoor/outdoor air samples and in the sub-slab vapor samples. To mitigate the sub-slab vapors in an area of elevated VOCs, a passive sub-slab depressurization system (SSDS) was installed under an Interim Remedial Measures (IRM) with provisions to make the system active (In-line fan installed). The SSDS and indoor air was sampled per the SMP and associated addendum as part of this periodic inspection and the results are discussed in Section 5.0.

Exterior Soils Investigation - Exterior surface and sub-surface soils exhibited elevated concentrations of polycyclic aromatic hydrocarbons (PAHs) and metals that exceeded NYSDEC Part 375 Residential and Restricted Residential Use soil cleanup objectives (SCOs). For the Site to meet Part 375 Restricted Residential Use SCOs, the top two feet of existing soil across the Site, exterior to the Site Building, was removed during the IRM and replaced with clean fill material. The removed soil was disposed off-site at a NYSDEC approved landfill. The majority of this open area was then covered with asphalt (driveways/parking), sidewalks, and minimal additional landscaping.

Sub-Slab Soils Investigation - Sub-slab soils exhibited only a few PAH and metal compounds that slightly exceeded Part 375 Residential and Restricted Residential Use SCOs. Based on the very low level of contamination detected and that the Site Building floor slab was to remain in place for the planned future development, no further remediation was recommended for this area.

Floor Drains/Pits Sediment Investigation – Sediment samples collected from the existing Site Building first floor drain/trench system and elevator pits exhibited concentrations of several metal compounds that exceeded Part 375 Residential and Restricted Residential Use SOCs. The sediments were removed from the drains/trenches and pits under an IRM and disposed off-site at an approved disposal facility.

Transformers - Transformer sampling conducted as part of the RI indicated that three of the ten existing transformers and both fluid reservoirs were absent of polychlorinated biphenyl (PCB) containing oil. Results from the remaining seven transformers indicated various concentrations of PCBs with the highest concentration detected at 250 parts per million (ppm). Some minor soil staining proximate specific transformers indicated elevated levels of PCBs in the surface-stained areas. Under an IRM, all transformers, contents and impacted soil were removed and disposed of properly.

Upon completion of the IRMs, remnant contamination remained in Site soil below the two-foot cover system. The final remedy for the Site included the establishment of an environmental easement that restricts future development to Restricted Residential Use and the establishment of engineering and institutional controls (IC/ECs) for the Site as stipulated in the SMP.

1.2 Effectiveness of Remedial Program

Based on a recent inspection of the Site and sub-slab air sampling conducted on May 20, 2022; the engineering and institutional controls are in place, are performing properly, and remain effective and protective of public health and the environment.

1.3 Non-Compliance

No areas of non-compliance regarding the major elements of the SMP were identified at the time of the preparation of this PRR.

1.4 Recommendations

Overall, the remedial program is viewed to be effective in achieving the remedial objectives for the Site. No changes to the SMP or the frequency of PRR submissions are recommended at this time.

2.0 SITE OVERVIEW

2.1 Nature and Extent of Contamination – RI Program

The Site Building sub-slab vapor assessment program resulted in several VOC compounds detected in both the indoor/outdoor air samples and in the sub-slab vapor samples. Based on the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State, only one sample had concentrations indicating follow-up remediation.

The Site Building exterior surface and sub-surface soils analytical results confirmed the results of prior assessments completed on the Site which indicated elevated concentrations of PAHs and metals that exceeded Part 375 Restricted Residential SCOs.

The Site Building sub-slab soils assessment indicated only a few PAH and metal compounds that slightly exceeded Part 375 Restricted Residential SCOs. As the Site Building floor slab was to remain in place for the planned future development, no further remediation was recommended for this area.

Sediment samples collected from the existing Site Building first floor drain/trench system and elevator pits exhibited concentrations of several metal compounds that exceeded Part 375 Residential and Restricted Residential Use SOCs.

Groundwater assessment indicated that only two metal compounds were detected in two of the unfiltered samples which exceeded the NYSDEC Technical and Operational Guidance Series TOGS 1.1.1 Ambient Water Quality Standards (AWQS). No metal compounds were detected at concentrations exceeding AWQS in the filtered samples. Since the Site is served by municipal water supply, and

groundwater was not planned to be used for the new development, no further action related to groundwater was recommended.

Transformer sampling indicated that three of the ten existing transformers and both fluid reservoirs did not have PCB containing oil. Results from the remaining seven transformers indicated various concentrations of PCBs with the highest being 250 ppm. Some minor soil staining proximate specific transformers indicated elevated levels of PCBs in the surface-stained areas.

2.2 Remedial Program

The Site was remediated in accordance with the remedy selected by the NYSDEC in its decision document dated November 2010. The components of the selected remedy included implementation of IRMs with an Environmental Easement and IC/EC.

IRMs

Based on the findings of the RI program (see above), the following IRMs were completed:

- Installed a SSDS beneath a portion of the ground floor slab of the Site Building (June and August 2010).
- Removed the top two feet of impacted soil from outside the Site Building footprint from across the Site and replacement with two feet of clean fill and/or cement/asphalt paving sections (April and August 2010).
- Removed sediments and cleaned Site Building floor drains and elevator shafts (April and June 2010).
- Removed and disposed of PCB transformer fluids, transformers/enclosures, and any impacted soil/materials adjacent/below transformers (March 2010).

ICs/ECs

The final remedy for the Site was defined as performing no additional cleanup activities at the Site beyond that which was already performed as IRMs with implementation of ICs and ECs as follows:

- Execution and recording of an Environmental Easement to restrict land use to Restricted Residential Use per NYSDEC Part 375 regulations and prevent future exposure to any contamination remaining at the Site along with restricted use of groundwater.
- Development and implementation of a SMP for long term management of remaining contamination including operation, monitoring and maintenance of the SSDS as required by the Environmental Easement, which includes plans for IC/ECs.

There have been no changes to the selected remedy since remedy selection with the exception of the change of the passive SSDS to an active system in January 2019.

3.0 EFFECTIVENESS/COMPLIANCE OF THE REMEDIAL PROGRAM

There have been no changes or modifications to the implemented remedy (IRMs), with the exception of the activation of the SSDS as discussed above, based on the Site Wide Inspection completed under this PRR. The current Site use effectively meets, and is in compliance with, the ICs/ECs for the Site as discussed in Section 2.0.

4.0 IC/EC PLAN COMPLIANCE REPORT

4.1 Institutional Controls

The Site has a series of ICs in the form of Site restrictions. Adherence to these ICs is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The Site may only be used for Restricted Residential Use provided that the long-term IC/ECs included in the SMP are employed;
- The Site may not be used for a higher level of use, such as Unrestricted Residential Use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the Site that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- The use of the groundwater underlying the Site is prohibited without testing and approval of the NYSDEC and NYSDOH; and,
- Vegetable gardens and farming on the Site are prohibited.

The current Site use meets all the IC requirements. There are no recommendations for changes to the ICs.

4.2 Engineering Controls

The following Engineering Control systems were inspected for compliance to SMP requirements:

4.2.1 Soil Cover

Exposure to remaining contamination in soil/fill at the Site is prevented by a cover system placed over the Site. This cover system is comprised of a minimum of 24 inches of clean soil, asphalt/concrete pavement sections (12 inches minimum depth) and the existing concrete Site Building slab. Before placement of cover material, a geotextile fabric layer was placed as a demarcation between the clean fill and the existing soil. The Excavation Work Plan that appears in Appendix A of the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed and any underlying remaining contamination is disturbed.

The cover system was inspected by LaBella's Andrew Koons on May 20, 2022 and is in place with no apparent disturbances since its initial placement and is in compliance with the requirements of the SMP. The Site Wide Inspection Form is included in Appendix 2. Photographs taken at the time of the inspection are included in Appendix 3.

4.2.2 Sub-Sab Vapor Depressurization System

A passive SSDS was installed below the first-floor slab in the rear northeast end of the center section of the Site Building, south of the courtyard area. The system was designed to allow for conversion to an active SSDS by activating an in-line fan installed during the IRM. The SSDS was converted to an active system in January 2019 and the in-line fan was confirmed operational by LaBella on May 20, 2022, and the associated caulk seals were observed to be in good condition. To evaluate the effectiveness of the SSDS the SMP specifies sample collection from the vent stack and indoor air sampling of any unoccupied first-floor space that becomes occupied along with an ambient air sample. The air samples are to be analyzed for Target Compound List (TCL) VOCs by Environmental Protection Agency (EPA) Method TO-15. Monitoring of the SSDS and associated air sampling is discussed further in Section 5.0.

4.3 IC/EC Certification

The IC/EC Certification Form was completed in its entirety as all ICs/ECs are in place for the Site per the SMP. Appendix 4 includes the signed NYSDEC Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Soil Cover System Monitoring

The soil cover was inspected and appears to be in place with no disturbances since its initial placement and is in compliance with the requirements of the SMP.

5.2 Sub-Slab Depressurization System Monitoring

A passive SSDS was installed in the rear northeast end of the center section of the Site Building, south of the courtyard area. The system was made active in January 2019 by activating the in-line fan installed during the IRM. The most recent round of sampling including collection of one sub-slab port sample (SS Vent Port-3). According to the January 31, 2020, SMP Addendum (update to the September 2010 SMP), annual PRRs must include at least one sample from the sub-slab venting system in order to confirm the effectiveness of the system, and one outdoor ambient air sample and indoor air sample from any tenant spaces which had become occupied during the applicable reporting period. No new tenant spaces have been occupied during the reporting period; therefore, only a sub-slab venting system sample was collected. Prior to sample collection, the in-line fan of the SSDS was confirmed to be active. The sample was collected using a Summa canister and submitted for laboratory analysis for TCL VOCs by EPA Method TO-15. Sampling was generally conducted in accordance with the sub-slab sampling procedures as specified in the SMP and associated SMP Addendum. The sampling location from May 2022 sampling event is depicted on Figure 3. Table 1 includes a summary of field sampling information for the most recent sample collected on May 20, 2022. Laboratory results associated with the sub-slab air sample collected during this reporting period is summarized in Table 2.

Based on the laboratory results from the sample collected during this reporting period, several VOCs were detected in the sub-slab vent port air sample collected and submitted for analysis. All detected VOC concentrations in the air sample were below BASE database 90th percentile values and/or May 2017 NYSDOH Indoor Air Matrices. A copy of the NYSDOH Indoor Air Quality questionnaire and Building Inventory can be found in Appendix 5.

The results of the May 2021 and May 2022 sampling appear to be generally similar. Based on the results from the sampling event conducted during this reporting period, the SSDS appears to be performing properly and remains effective and protective of public health and the environment. The laboratory analytical report for the May 20, 2022, samples is included in Appendix 6.

5.3 Comparisons with Remedial Objectives

The Site cover system and SSDS monitoring was performed in accordance with the SMP and associated Addendum and included the annual visual inspection of the cover system components and the SSDS, and collection of a sub-slab air sample. As described in Section 4.2, the cover system was observed to be intact and functioning as intended, the SSDS is active and operating as intended, and the ECs are continuing to satisfy the remedial objectives for the Site. As summarized in Section 5.2, based on the sampling conducted during this reporting period, the sub-slab port sample results do not appear to indicate any concern at this time. The SSDS appears to be successfully mitigating vapor intrusion within the Site Building at this time.

5.4 Monitoring Deficiencies

No monitoring deficiencies were noted or experienced during the completion of the PRR.

5.5 Monitoring Conclusions and Recommendations

The procedures utilized to evaluate the performance and effectiveness of the ECs were conducted in accordance with the SMP and associated Addendum and verified that the cover system and SSDS are functioning as intended. No changes to the monitoring plan are recommended.

6.0 OPERATION & MAINTENANCE COMPLIANCE REPORT

An in-line fan has been installed and activated as part of the SSDS in the vent stack near the ceiling of the first floor of the Site Building to draw a vacuum on the system. At the time of the annual inspection the fan was confirmed to be active and caulk seals were inspected and were deemed satisfactory. No operation and maintenance deficiencies were noted during the inspection.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Annual inspection of the Site and sub-slab port air sampling was performed on May 20, 2022, by LaBella as prescribed in the SMP and associated Addendum. As a result of the inspection and sampling, LaBella has determined that the Site is in compliance with all elements of the SMP, including the Engineering & Institutional Control Plan, the Site Monitoring Plan, and the Operations & Maintenance Plan. No deficiencies or failures to satisfy the requirements of the SMP were identified.

As reflected by the signed Institutional and Engineering Controls Certification Form (Appendix 4), LaBella has concluded that:

- The required EC/ICs are in place, are performing properly, and remain effective;
- The Site Monitoring Plan is being implemented;
- Operation and Maintenance activities are being conducted properly; and,
- The remedy continues to be protective of public health and the environment and is performing as specified in the RAWP and FER.

No changes to the inspection, reporting or certification frequency prescribed in the SMP are recommended.

We appreciate the opportunity to serve your professional environmental engineering needs. If you have any questions, please do not hesitate to contact me at (716) 768-4906.

Respectfully submitted,

LABELLA ASSOCIATES, D.P.C.

Chris Kibler
Project Manager
Environmental Professional

Andrew Koons
Geologist

LaBella
Powered by partnership.

FIGURES

Figure 1 Site Location Map

184-185 Sweeney Street
North Tonawanda, New York 14120
Project No. 2191060

LaBella
Powered by partnership

N

NOT TO SCALE

FIGURE 2

SITE BASE MAP

184 & 185 Sweeny Street
North Tonawanda, New York 14120

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PROJECT NO. 2191060

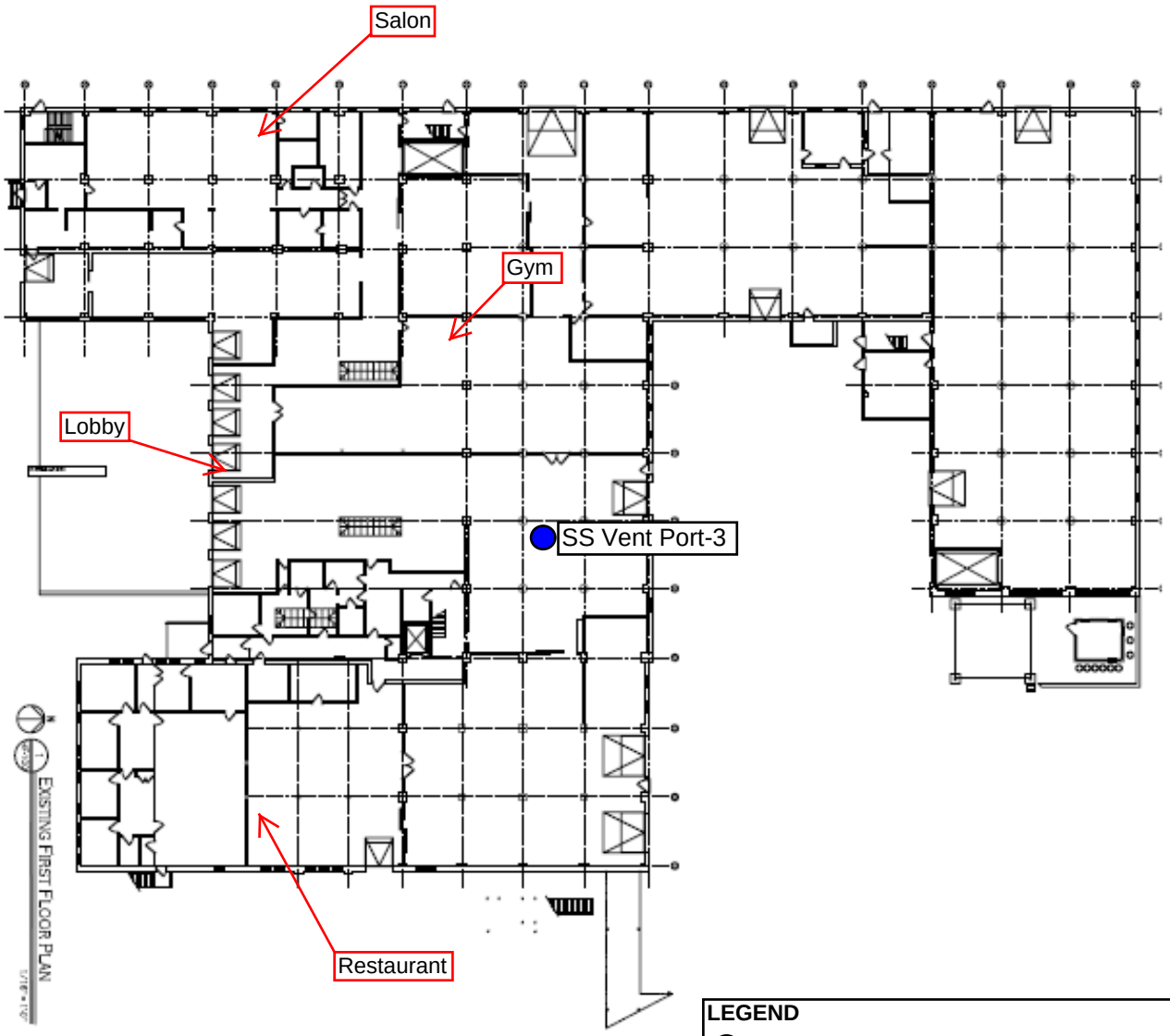

FIGURE 3

SUB-SLAB PORT SAMPLING LOCATION

184 Sweeney Street
North Tonawanda, New York 14210

N

NOT TO SCALE

LaBella
Powered by partnership.

PROJECT NO. 2191060

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TABLES

Table 1
Sub-Slab Sampling
184 & 185 Sweeney Street, North Tonawanda, New York
Field Sampling Log

Sample ID	SS Vent Port-2
Location	Parking Garage
Date	5/20/2022
Canister Number	2706
Regulator Number	4031
Start Time	8:09
Reading (in Hg)	-30
End Time	13:35
Reading (in Hg)	-8

- Date: 5/20/2022
- Temperature: 69° F
- Barometric Pressure: 29.05 in
- Wind Direction: SSW at 15 mph

Table 2
Remington Lofts
184-185 Sweeney Street
North Tonawanda, New York
Summary of Analytical Results

Sample Number	SS Vent Port-3	BASE Indoor
Sample Date	5/20/2022	
Sample Location	Vent Port	
Compounds	µg/m³	
VOCs EPA T0-15		
Ethylbenzene	1.9	5.7
Trichlorofluoromethane	ND	18.1
n-Hexane	ND	10.2
tert-Butyl alcohol	ND	NL
Methylene chloride	ND	10
Benzene	ND	9.4
Styrene	0.27 J	1.9
Tetrachloroethylene	0.21 J	15.9
Toluene	12	43
1,1,1-Trichloroethane	ND	20.6
Trichloroethene	0.18 J	4.2
1,2,4-Trimethylbenzene	1.9	9.5
1,3,5-Trimethylbenzene	0.59 J	3.7
o-Xylene	2.3	7.9
1,1,2-Trichlorotrifluoroethane	ND	NL
2,2,4-Trimethylpentane	3.8	NL
Total xylenes	9	22.2
Bromodichloromethane	ND	NL
2-Butanone (MEK)	10	12
Methyl Ethyl Ketone	ND	12
Methyl Isobutyl Ketone	ND	NL
4-Methyl-2-pentanone (MIBK)	0.83 J	6.0
Carbon tetrachloride	0.33	<1.3
Dibromochloromethane	ND	NL
Chloroform	ND	1.1
Chloromethane	0.83 J	3.7
Cyclohexylamine	ND	NL
Cyclohexane	1.9	NL
Dichlorodifluoromethane	4	16.5
1,1-Dichloroethane	ND	<0.7
1,2-Dichloroethane	ND	<0.9
4-Ethyltoluene	ND	NL
Acetone	12	98.9
Carbon disulfide	ND	4.2
Ethyl acetate	ND	5.4
Freon 11	1.1 J	NL
Freon 12	ND	NL
Heptane	1.8	NL
Isopropyl alcohol	7.4 J	NL
Methyl tert-butyl ether	ND	11.5
Tetrahydrofuran	ND	NL
Ethanol	ND	210
Hexane	2.5	NL
cis-1,2-Dichloroethene	ND	<1.9
1,3-Butadiene	0.30 J	<3.0
Propylene	ND	NL

ND - Non-detect
NL - Not listed
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

BASE Indoor = Table C2. Environmental Protection Agency (EPA): Building assessment and survey evaluation (BASE) database, SUMMA canister method for indoor air, 90th percentile
Concentrations in grey exceed BASE Indoor

APPENDIX 1

Boundary Survey

Legend of Symbols & Abbreviations

SM	SANITARY MANHOLE	FENCE	CONC. CONCRETE
S	SANITARY CLEAN OUT	SA SANITARY SEWER LINE	REC. RECORD
SD	STORM MANHOLE	G GAS LINE	MEAS. MEASURED
SD	STORM INLET	W WATER LINE	N. NORTH
	WATER VALVE	E ELECTRIC WIRES	S. SOUTH
	FIRE HYDRANT	OH OVERHEAD UTILITY WIRES	E. EAST
	GAS VALVE	GUY WIRE	W. WEST
	GAS REGULATOR		No. NUMBER
G	GAS METER		L. LIBER
	UTILITY POLE		P. PAGE
E	ELECTRIC METER		SQ. FT. SQUARE FEET
T	TELEPHONE MANHOLE		° DEGREES
	MONITOR WELL		' FEET OR MINUTES
			" INCHES OR SECONDS

Soil and Pavement Sections Cover System

Miscellaneous Notes

(MN1) No observed evidence of the location of cemeteries or burial grounds.

(MN2) No designated parking spaces.

(MN3) Institutional and Engineering Controls provided by Panamerican Environmental, Inc.. Revised map on 8/11/10 to show Institutional and Engineering Controls. No field work was performed by James L. Shisler L.S., P.C. and James L. Shisler L.S., P.C. accepts no responsibility as to the accuracy of the statements in the Institutional and Engineering Controls section.

(MN4) Two block buildings and a retaining wall with fence removed 8/21/10. No field work was performed.

(MN5) With the exception of the tower, preexisting site features have been removed as a result of remediation. No field work was performed. Map revised 8/27/10.

Utility Notes

(UN1) The locations of utilities shown hereon were determined from observation of ground appurtenances.

(UN2) The exact locations of utility lines (i.e. electric, telephone, gas, water, sanitary sewer and storm sewer) entering the subject property and the points of entry of such utilities into the subject property's building could not be determined.

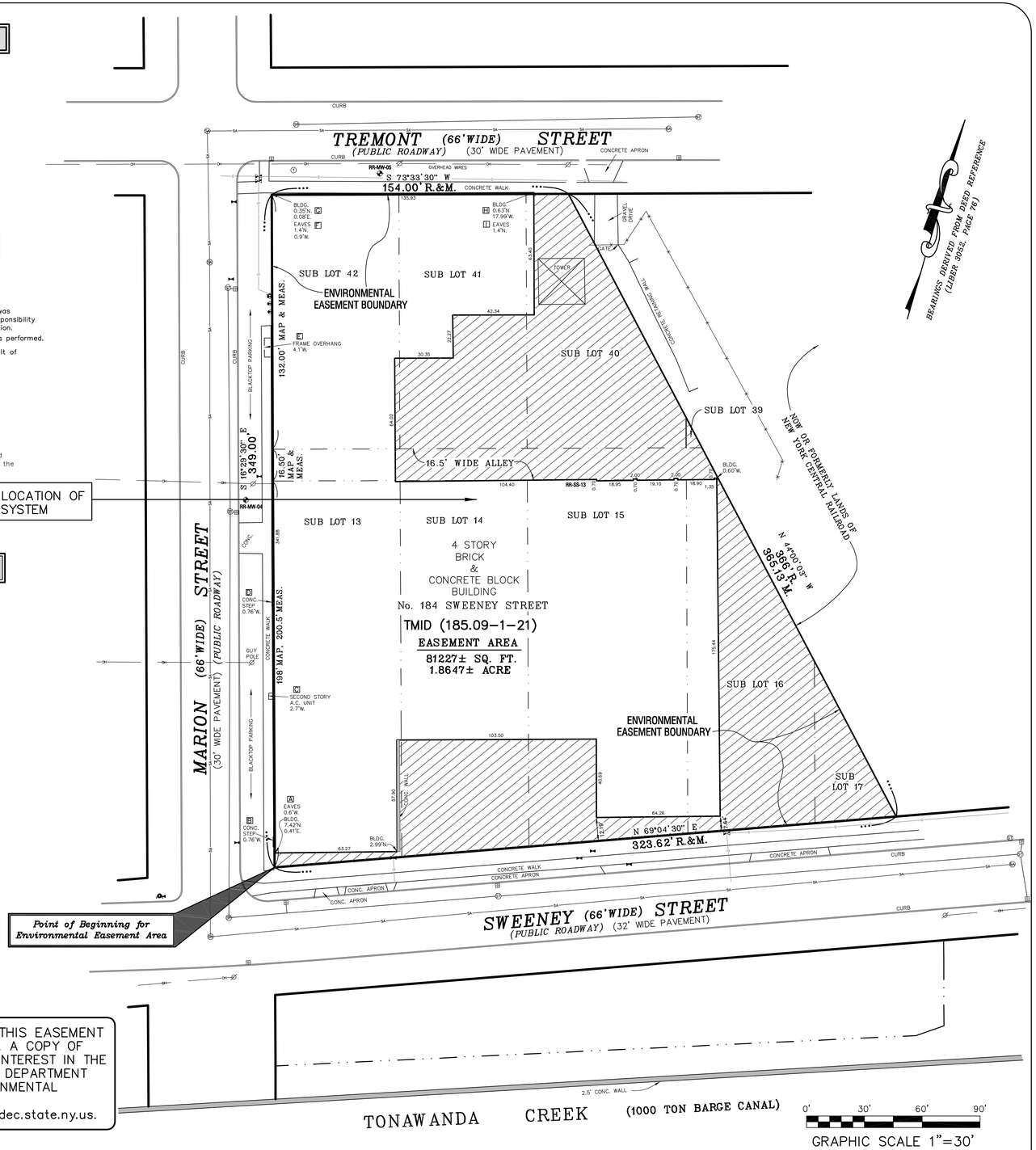
APPROXIMATE LOCATION OF SOIL VENTING SYSTEM

Statement of Possible Encroachments

[A] Subject property's eave encroaches up to 0.6'W.
[B] Subject property's concrete step encroaches up to 0.76'W.
[C] Subject property's second story air conditioning unit encroaches up to 2.7'W.
[D] Subject property's concrete step encroaches up to 0.76'W.
[E] Subject property's frame overhang encroaches up to 4.1'W.
[F] Subject property's eave encroaches up to 0.6'W. & 0.9'W.
[G] Subject property's building encroaches up to 0.35'N.
[H] Subject property's building encroaches up to 0.63'N.
[I] Subject property's eave encroaches up to 1.4'N.

Easements & Right of Ways

No Easements or Right of Ways appeared in Monroe Title Abstract No. 525799 dated December 4, 2009.



THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION.
625 BROADWAY, ALBANY, NY 12233 OR AT derweb@gw.dec.state.ny.us.

ENVIRONMENTAL EASEMENT AREA ACCESS
THE DEC OR THEIR AGENT MAY ACCESS THE ENVIRONMENTAL EASEMENT AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT

0' 30' 60' 90'
GRAPHIC SCALE 1"=30'

0M 10M 20M 30M
GRAPHIC SCALE (METERS)

PART OF BOOK 17 OF MICROFILMED MAPS, PAGE 1687 & PAGE 1642
PART OF LOT NO. 81, MILE RESERVE
CITY OF NORTH TONAWANDA, COUNTY OF NIAGARA AND STATE OF NEW YORK

Legal Description

ENVIRONMENTAL EASEMENT AREA

All that tract or parcel of land, situate in the City of North Tonawanda, County of Niagara and State of New York, being part of Lot No. 81 of the Mile Reserve as shown on a map made by Peter Emslie and filed in the Niagara County Clerk's Office on February 10, 1849, now in Book 17 of Microfilmed Maps at page 1642 and also on a map made by B.F. Betts and filed in the Niagara County Clerk's Office on March 31, 1888, now in Book 17 of Microfilmed Maps at page 1687, bounded and described as follows:

Beginning at the point of intersection of the northerly line of Sweeney Street with the easterly line of Marion Street;

Thence N 69° 04' 30" E along the northerly line of Sweeney Street and along the southerly lines of Subdivision Lot Nos. 13, 14, 15, 16 and 17, a distance of 323.62 feet to the southwesterly line of lands now or formerly owned by the New York Central Railroad;

Thence N 44° 00' 03" W and through Subdivision Lot Nos. 17 and 16, a 16.5 foot alleyway and Subdivision Lot No. 40, a distance of 365.13 feet to the southerly line of Tremont Street;

Thence S 73° 33' 30" W along the southerly line of Tremont Street 154.00 feet to the easterly line of Marion Street;

Thence S 16° 29' 30" E along the easterly line of Marion Street 349.00 feet to the point or place of beginning, containing 1.8647 acres (81,227 square feet) of land more or less.

The above described is the same land as described in Monroe Title Abstract No. 525799, Parcel "A", dated December 4, 2009.

INSTITUTIONAL/ENGINEERING CONTROLS

INSTITUTIONAL CONTROLS

- The property may only be used for restricted residential use provided that the long-term Engineering and Institutional Controls included in this SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted or residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC.
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP.
- The use of the groundwater underlying the property is prohibited without testing and approval of the NYSDEC and NYSDOH.
- Vegetable gardens and farming on the property are prohibited.

ENGINEERING CONTROLS

Soil and Pavement Sections Cover System – Removed the top two feet of existing site soil from all open green areas and a minimum of one foot of soil from areas to be covered with paving sections (roads, sidewalks, etc.). A minimum of two feet of approved clean fill was placed over all green space and a minimum of a one foot thick paving section (stone, concrete/asphalt) placed for roadways, sidewalks, etc. (see cross hatched area).

Sub-Slab Vapor Ventilation System – Venting system to be tested and a vapor and ambient air sample collected at 6 month intervals and results reviewed by NYSDEC.

Soil and Pavement Sections Cover System

ALTA/ACSM Land Title Survey

Remington Rand Site #C932142
184 Sweeney Street, North Tonawanda, N.Y.

JAMES L. SHISLER, L.S., P.C.
PROFESSIONAL LAND SURVEYORS

P.O. BOX 516
EAST AURORA, NEW YORK 14052-0516

Phone: 716-655-1058
Fax: 716-655-1964
Email: shisurv@gmail.com

Date of Survey: May 15, 2009
Date of Last Revision: August 27, 2010

Job No. 09177
Sheet No. E-2018

Sheet 1 of 1

APPENDIX 2

Site Wide Inspection Form

LaBella Associates, D.P.C.
300 Pearl Street, Suite 130
Buffalo, New York 14202

SITE WIDE INSPECTION FORM

Date: May 20, 2022

Site Name: Remington Lofts – NYSDEC Site # C932142

Location:
184 Sweeney Street, North Tonawanda, New York

General Site Conditions:

Site in good general condition

Weather Conditions: Mostly sunny and 69 F

Compliance/Evaluation ICs and ECs :

Cover system is intact and well maintained. SSDS is active and in-line fan is operating.

Site management Activities (sampling, H & S Inspection, etc.):

SSDS fan is active and observed to be pulling a vacuum.

Compliance with Permits and Site Management Plan:

Site appears to be in compliance with Site Management Plan

Records Compliance:

No issues have been identified to require the need to generate any additional compliance

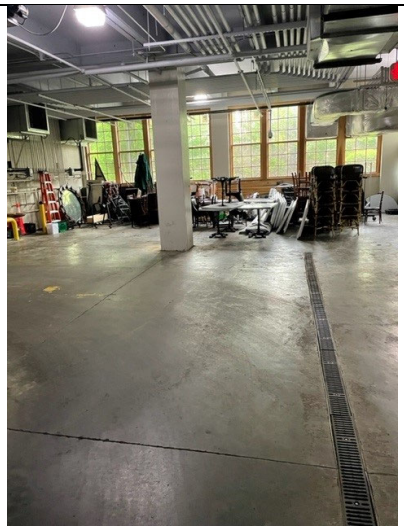
General Comments:

Property and compliance systems appear to be well maintained and functioning. No additional comments – refer to attached photographs

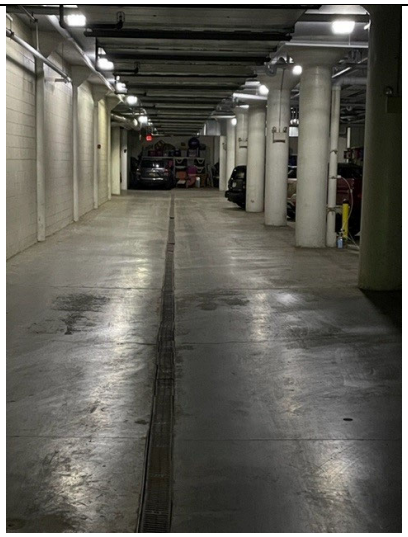
INSPECTOR'S NAME: Andrew Koons

APPENDIX 3

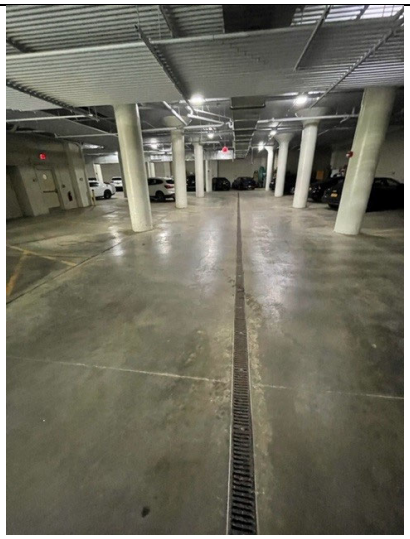
Photographs



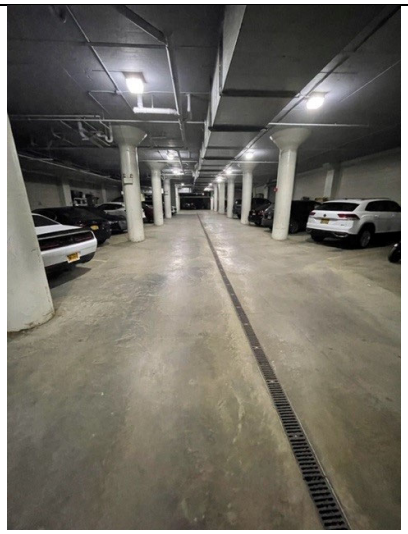
Northern portion of parking garage



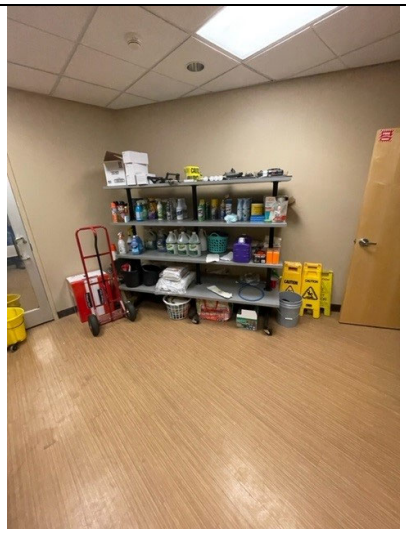
Eastern portion of parking garage



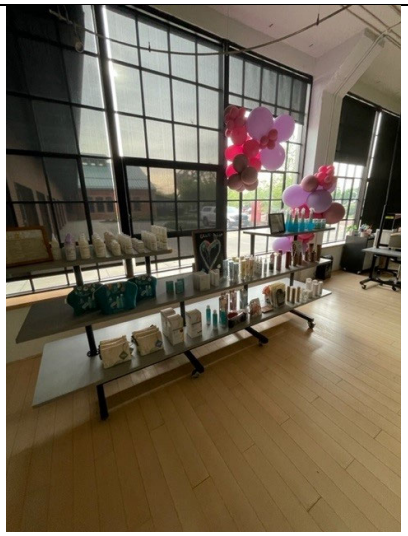
Western portion of parking garage



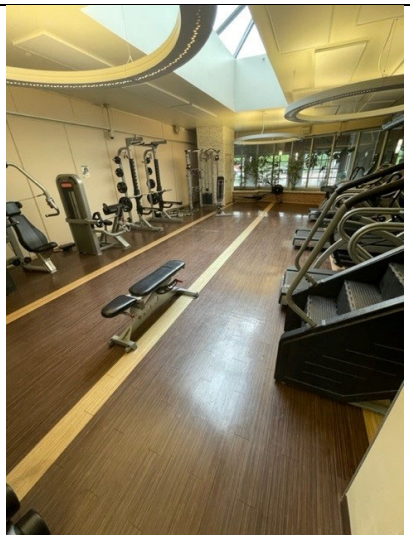
Southern portion of parking garage



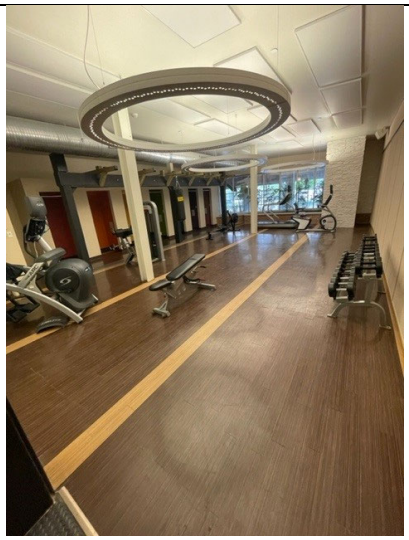
Storage Room



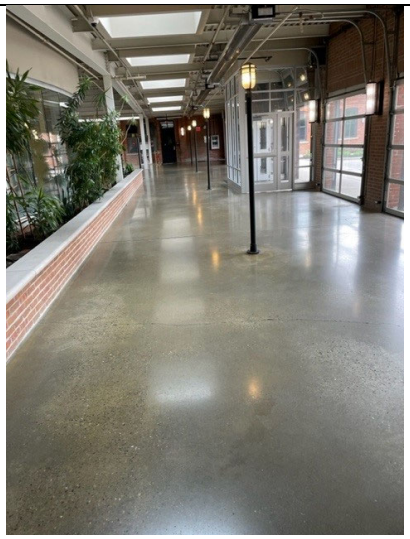
Salon area



Gym area 1

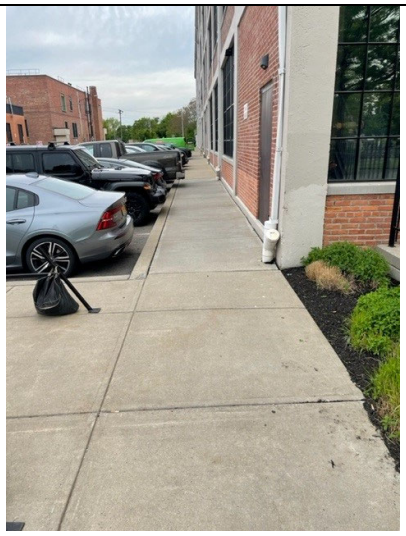


Gym area 2



Lobby

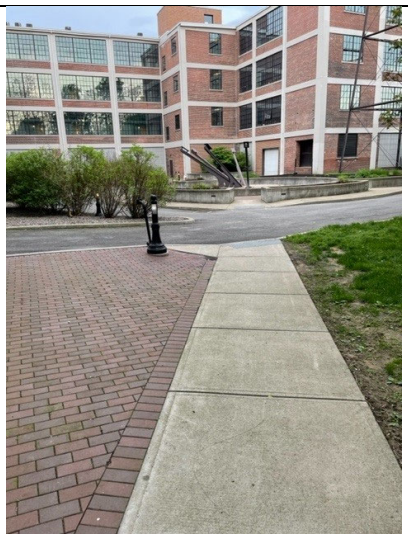
South exterior Site Building



West exterior Site Building

East exterior Site Building

North exterior Site Building



East courtyard

Active fan on SSDS

Front of restaurant

Garbage and used cooking oil storage area

APPENDIX 4

Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C932142

Site Name Remington Rand Building

Site Address: 184 Sweeney Street Zip Code: 14120
City/Town: North Tonawanda
County: Niagara
Site Acreage: 1.800

Reporting Period: May 20, 2021 to May 20, 2022

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C932142 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
185.09-1-21	Gold Wynn Remington Lofts, LLC	Monitoring Plan O&M Plan Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan

Environmental Easement;September 1,2010 - BCA Index No: B9-0780-08-06 as property control for Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv).

Box 4

Description of Engineering Controls

Parcel	Engineering Control
185.09-1-21	Vapor Mitigation Cover System

Soil cover and/or pavement placed over residual soil contamination. Sub-Slab passive depressurization system placed in a portion of the building to control potential vapor intrusion. Easement requires compliance with the Site Management Plan. Future intrusive activities and soil handling at the facility must be in accordance with the Excavation Work Plan found in the SMP.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

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

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C932142

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I ERIC KAGER (print name) at 184 SWEENEY ST, NORTH TONAWANDA (print business address),

am certifying as GOLD WYNN REMINGTON LOFTS LLC (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5-31-22
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Chris Kibler at LaBella Associates, 300 Pearl Street, Buffalo, NY,
print name print business address

am certifying as a Qualified Environmental Professional for the Owner
(Owner or Remedial Party)

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	5/20/2022 Date

APPENDIX 5

NYSDOH Indoor Air Quality Questionnaire and
Building Inventory Center for Environmental Health

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

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

Preparer's Name Andrew Koens Date/Time Prepared 5/20/22

Preparer's Affiliation Consultant Phone No. 716.417.9150

Purpose of Investigation PBR certification

1. OCCUPANT:

Interviewed: Y (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

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

Interviewed: Y (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

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

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

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Salon, Restaurant

Does it include residences (i.e., multi-use)? (Y) / N If yes, how many? 80

Other characteristics:

Number of floors 4 Building age_____

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

4. AIRFLOW

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

Airflow between floors

Ø

Airflow near source

Ø

Outdoor air infiltration

Ø

Infiltration into air ducts

Ø

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

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

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

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

drains in parking garage floor

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

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

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in: Basement Outdoors Main Floor Other_____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? (Y) / N

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

Duct work in walls & ceiling

7. OCCUPANCY

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

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A
1st Floor	Restaurant, nail salon, gym, lobby, parking garage
2nd Floor	apartments
3rd Floor	apartments
4th Floor	apartments

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? (Y) / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA
Please specify vehicles

d. Has the building ever had a fire? Y (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y (N) Where?_____

f. Is there a workshop or hobby/craft area? (Y) N Where & Type?_____

g. Is there smoking in the building? Y (N) How frequently?_____

h. Have cleaning products been used recently? (Y) N When & Type?_____

i. Have cosmetic products been used recently? (Y) N When & Type? salon

j. Has painting/staining been done in the last 6 months? (Y) / N Where & When? _____

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

l. Have air fresheners been used recently? (Y) / N When & Type? _____

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? outdoors

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? outdoors

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

p. Has there been a pesticide application? Y / (N) When & Type? _____

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

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

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

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

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

Is there a radon mitigation system for the building/structure? (Y) / N Date of Installation: _____
Is the system active or passive? (Active)/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

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

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

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

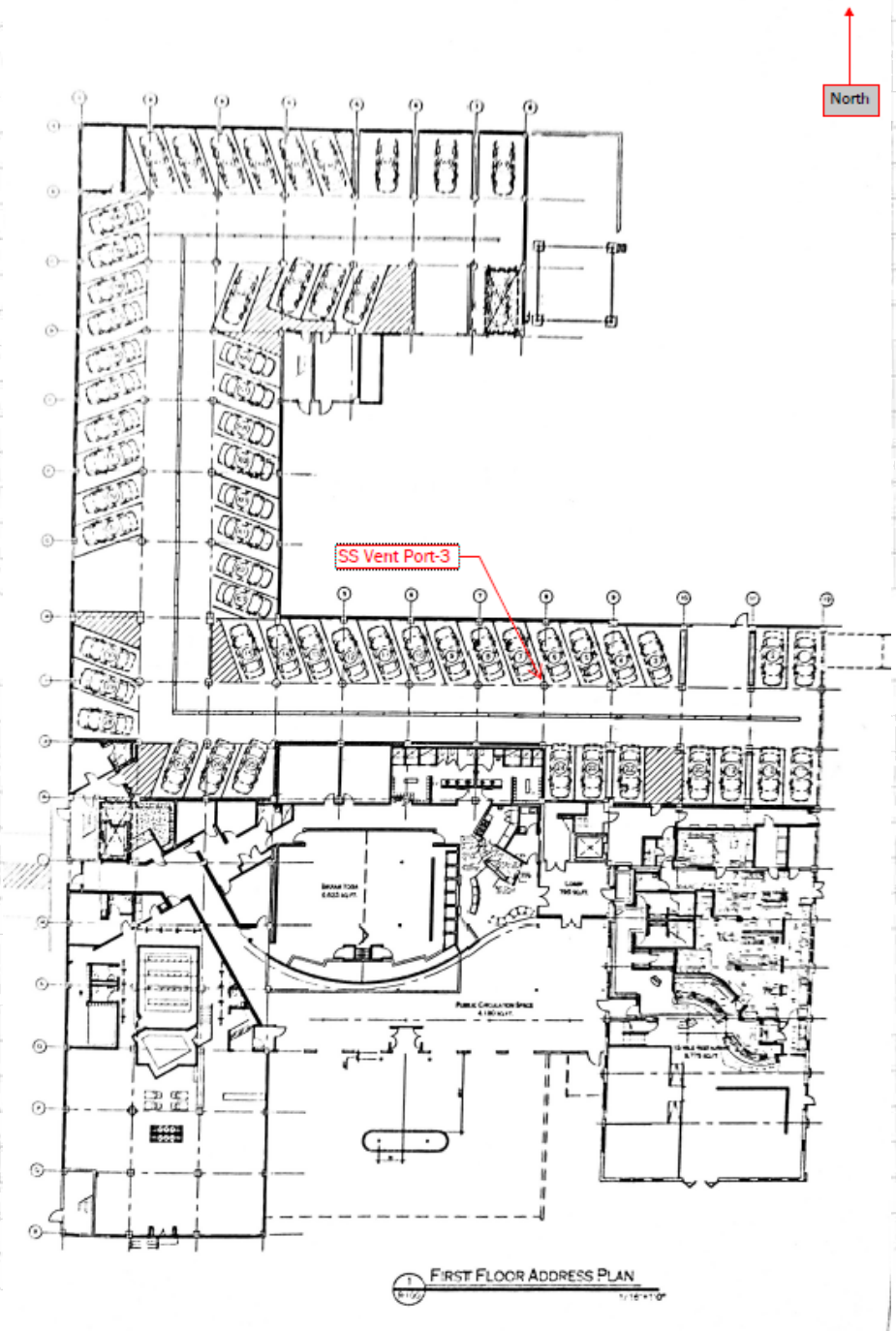
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

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

Basement:

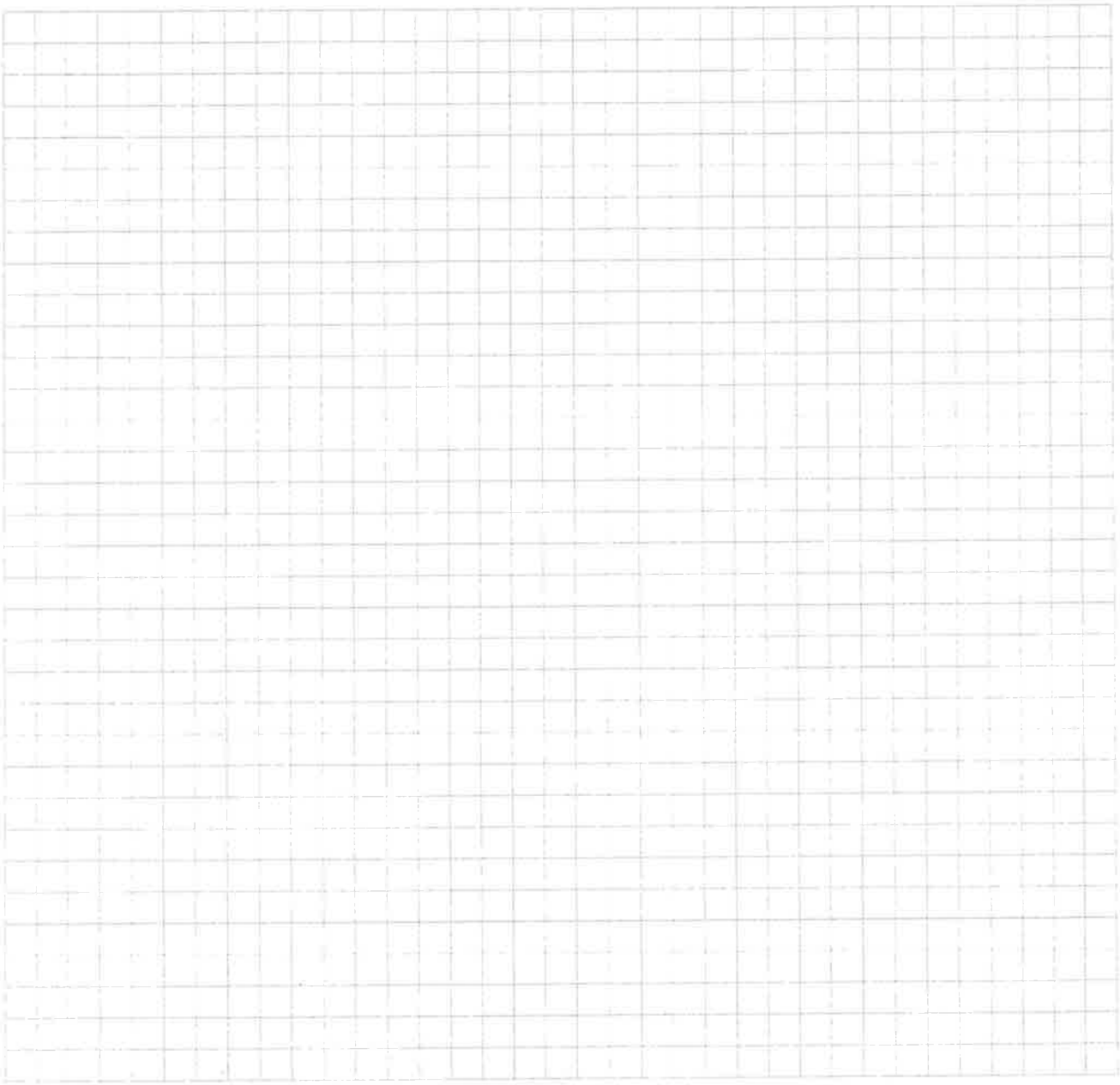
First Floor:



12. OUTDOOR PLOT

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

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



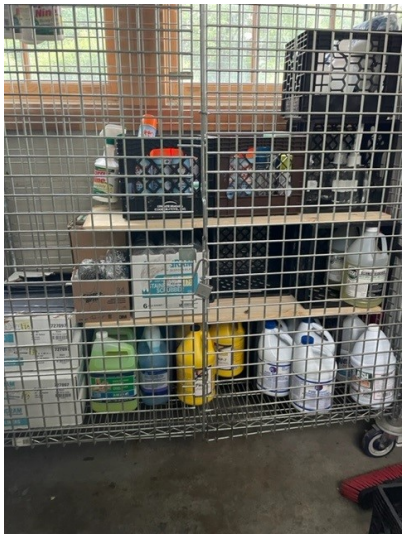
13. PRODUCT INVENTORY FORM

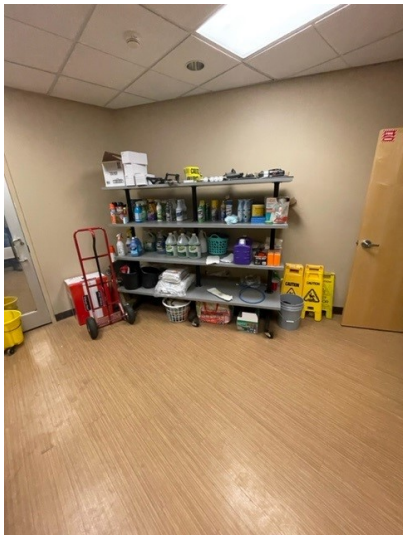
Make & Model of field instrument used: _____

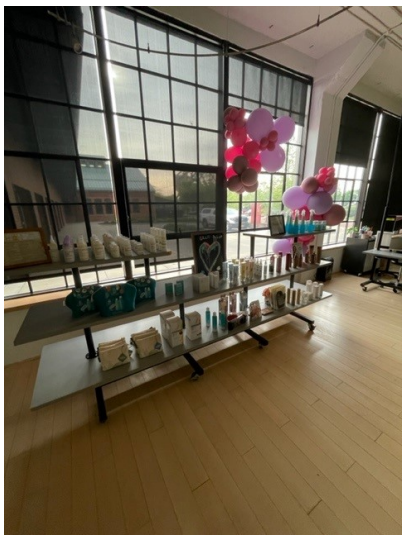
List specific products found in the residence that have the potential to affect indoor air quality.

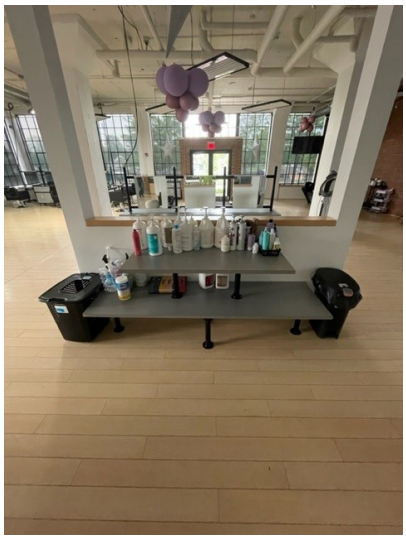
Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Janitors closet	general cleaning supplies					Y
Salon	Hair care products					Y
Salon	Hair dyes					Y
Salon	Cosmetics					Y
Janitor's Closet	paints					Y
parking garage	cleaning supplies					Y

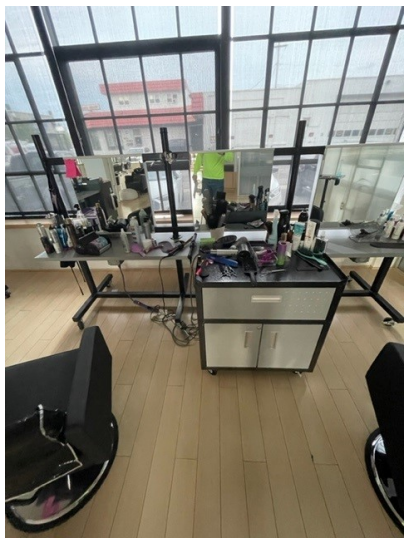
* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.











APPENDIX 6

Laboratory Analytical Report

ANALYTICAL REPORT

Job Number: 200-63486-1

SDG Number: 200-63486

Job Description: BCP #C932142 - Remington Road Bldg.

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, NY 14202

Attention: Andrew Koons

Approved for release.
Kathryn A Kelly
Project Manager II
5/30/2022 11:19 PM

Kathryn A Kelly, Project Manager II
530 Community Drive, South Burlington, VT, 05403
(802)923-1021
Kathryn.Kelly@et.eurofinsus.com
05/30/2022

cc: Chris Kibler

Table of Contents

Table of Contents

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

CASE NARRATIVE

Client: LaBella Associates DPC

Project: BCP #C932142 - Remington Road Bldg.

Report Number: 200-63486-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 05/23/2022; the samples arrived in good condition.

VOLATILE ORGANIC COMPOUNDS
Sample SS-VENT PORT-3 was analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 05/25/2022.

Hexachlorobutadiene was detected in method blank MB 200-180174/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

1,3-Butadiene and Trichloroethene exceeded the RPD limit for the duplicate of sample SS-VENT PORT-3DU. Refer to the QC report for details.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

Client Sample ID: SS-VENT PORT-3

Lab Sample ID: 200-63486-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.82		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.62		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.40	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	2.6		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.13	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	5.2		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.0	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.71		0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.5		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.56		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.052		0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.82		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	1.2		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.43		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.033	J	0.037	0.024	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	3.2		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.031	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.43		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.5		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.52		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.064	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.070	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.12	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.12	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.39		0.20	0.047	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	4.0		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.2		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.83	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	6.3		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.30	J	0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1	J	1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	12		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.4	J	12	2.4	ug/m3	1		TO-15	Total/NA
n-Hexane	2.5		1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	10		1.5	0.50	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.9		0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.33		0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	3.8		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	3.8		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	1.8		0.82	0.24	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.18	J	0.20	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.83	J	2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	12		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.21	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.9		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.7		2.2	0.74	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-VENT PORT-3 (Continued)

Lab Sample ID: 200-63486-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	2.3		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.27	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.35	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.60	J	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.59	J	0.98	0.22	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.9		0.98	0.23	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-VENT PORT-3

Date Collected: 05/20/22 13:35
Date Received: 05/23/22 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-63486-1

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.82**		0.50	0.11	ppb v/v			05/25/22 18:54	1
Chlorodifluoromethane	**0.62**		0.50	0.11	ppb v/v			05/25/22 18:54	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			05/25/22 18:54	1
Chloromethane	**0.40**	**J**	0.50	0.12	ppb v/v			05/25/22 18:54	1
n-Butane	**2.6**		0.50	0.19	ppb v/v			05/25/22 18:54	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			05/25/22 18:54	1
1,3-Butadiene	**0.13**	**J**	0.20	0.038	ppb v/v			05/25/22 18:54	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			05/25/22 18:54	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			05/25/22 18:54	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			05/25/22 18:54	1
Trichlorofluoromethane	**0.19**	**J**	0.20	0.052	ppb v/v			05/25/22 18:54	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			05/25/22 18:54	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			05/25/22 18:54	1
Acetone	**5.2**		5.0	2.0	ppb v/v			05/25/22 18:54	1
Isopropyl alcohol	**3.0**	**J**	5.0	0.98	ppb v/v			05/25/22 18:54	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			05/25/22 18:54	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			05/25/22 18:54	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			05/25/22 18:54	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			05/25/22 18:54	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			05/25/22 18:54	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			05/25/22 18:54	1
n-Hexane	**0.71**		0.50	0.23	ppb v/v			05/25/22 18:54	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			05/25/22 18:54	1
Methyl Ethyl Ketone (2-Butanone)	**3.5**		0.50	0.17	ppb v/v			05/25/22 18:54	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			05/25/22 18:54	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			05/25/22 18:54	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			05/25/22 18:54	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			05/25/22 18:54	1
Cyclohexane	**0.56**		0.20	0.035	ppb v/v			05/25/22 18:54	1
Carbon tetrachloride	**0.052**		0.035	0.032	ppb v/v			05/25/22 18:54	1
2,2,4-Trimethylpentane	**0.82**		0.20	0.035	ppb v/v			05/25/22 18:54	1
Benzene	**1.2**		0.20	0.074	ppb v/v			05/25/22 18:54	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			05/25/22 18:54	1
n-Heptane	**0.43**		0.20	0.059	ppb v/v			05/25/22 18:54	1
Trichloroethene	**0.033**	**J**	0.037	0.024	ppb v/v			05/25/22 18:54	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			05/25/22 18:54	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			05/25/22 18:54	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			05/25/22 18:54	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			05/25/22 18:54	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			05/25/22 18:54	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.20**	**J**	0.50	0.19	ppb v/v			05/25/22 18:54	1
Toluene	**3.2**		0.20	0.093	ppb v/v			05/25/22 18:54	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			05/25/22 18:54	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			05/25/22 18:54	1
Tetrachloroethene	**0.031**	**J**	0.20	0.027	ppb v/v			05/25/22 18:54	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			05/25/22 18:54	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			05/25/22 18:54	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			05/25/22 18:54	1

Client Sample ID: SS-VENT PORT-3

Date Collected: 05/20/22 13:35
Date Received: 05/23/22 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-63486-1

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			05/25/22 18:54	1
Ethylbenzene	**0.43**		0.20	0.10	ppb v/v			05/25/22 18:54	1
m,p-Xylene	**1.5**		0.50	0.17	ppb v/v			05/25/22 18:54	1
o-Xylene	**0.52**		0.20	0.094	ppb v/v			05/25/22 18:54	1
Styrene	**0.064**	**J**	0.20	0.032	ppb v/v			05/25/22 18:54	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			05/25/22 18:54	1
Cumene	0.20	U	0.20	0.037	ppb v/v			05/25/22 18:54	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			05/25/22 18:54	1
n-Propylbenzene	**0.070**	**J**	0.20	0.047	ppb v/v			05/25/22 18:54	1
4-Ethyltoluene	**0.12**	**J**	0.20	0.051	ppb v/v			05/25/22 18:54	1
1,3,5-Trimethylbenzene	**0.12**	**J**	0.20	0.044	ppb v/v			05/25/22 18:54	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			05/25/22 18:54	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			05/25/22 18:54	1
1,2,4-Trimethylbenzene	**0.39**		0.20	0.047	ppb v/v			05/25/22 18:54	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			05/25/22 18:54	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			05/25/22 18:54	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			05/25/22 18:54	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			05/25/22 18:54	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			05/25/22 18:54	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			05/25/22 18:54	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			05/25/22 18:54	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			05/25/22 18:54	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			05/25/22 18:54	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			05/25/22 18:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**4.0**		2.5	0.54	ug/m3			05/25/22 18:54	1
Chlorodifluoromethane	**2.2**		1.8	0.39	ug/m3			05/25/22 18:54	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			05/25/22 18:54	1
Chloromethane	**0.83**	**J**	1.0	0.25	ug/m3			05/25/22 18:54	1
n-Butane	**6.3**		1.2	0.45	ug/m3			05/25/22 18:54	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			05/25/22 18:54	1
1,3-Butadiene	**0.30**	**J**	0.44	0.084	ug/m3			05/25/22 18:54	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			05/25/22 18:54	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			05/25/22 18:54	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			05/25/22 18:54	1
Trichlorofluoromethane	**1.1**	**J**	1.1	0.29	ug/m3			05/25/22 18:54	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			05/25/22 18:54	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			05/25/22 18:54	1
Acetone	**12**		12	4.8	ug/m3			05/25/22 18:54	1
Isopropyl alcohol	**7.4**	**J**	12	2.4	ug/m3			05/25/22 18:54	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			05/25/22 18:54	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			05/25/22 18:54	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			05/25/22 18:54	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			05/25/22 18:54	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			05/25/22 18:54	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			05/25/22 18:54	1
n-Hexane	**2.5**		1.8	0.81	ug/m3			05/25/22 18:54	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			05/25/22 18:54	1

Client Sample ID: SS-VENT PORT-3

Date Collected: 05/20/22 13:35
Date Received: 05/23/22 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-63486-1

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**10**		1.5	0.50	ug/m3			05/25/22 18:54	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			05/25/22 18:54	1
Chloroform	0.98	U	0.98	0.22	ug/m3			05/25/22 18:54	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			05/25/22 18:54	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			05/25/22 18:54	1
Cyclohexane	**1.9**		0.69	0.12	ug/m3			05/25/22 18:54	1
Carbon tetrachloride	**0.33**		0.22	0.20	ug/m3			05/25/22 18:54	1
2,2,4-Trimethylpentane	**3.8**		0.93	0.16	ug/m3			05/25/22 18:54	1
Benzene	**3.8**		0.64	0.24	ug/m3			05/25/22 18:54	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			05/25/22 18:54	1
n-Heptane	**1.8**		0.82	0.24	ug/m3			05/25/22 18:54	1
Trichloroethene	**0.18**	**J**	0.20	0.13	ug/m3			05/25/22 18:54	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			05/25/22 18:54	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			05/25/22 18:54	1
1,4-Dioxane	18	U	18	6.1	ug/m3			05/25/22 18:54	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			05/25/22 18:54	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			05/25/22 18:54	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.83**	**J**	2.0	0.78	ug/m3			05/25/22 18:54	1
Toluene	**12**		0.75	0.35	ug/m3			05/25/22 18:54	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			05/25/22 18:54	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			05/25/22 18:54	1
Tetrachloroethene	**0.21**	**J**	1.4	0.18	ug/m3			05/25/22 18:54	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			05/25/22 18:54	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			05/25/22 18:54	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			05/25/22 18:54	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			05/25/22 18:54	1
Ethylbenzene	**1.9**		0.87	0.43	ug/m3			05/25/22 18:54	1
m,p-Xylene	**6.7**		2.2	0.74	ug/m3			05/25/22 18:54	1
o-Xylene	**2.3**		0.87	0.41	ug/m3			05/25/22 18:54	1
Styrene	**0.27**	**J**	0.85	0.14	ug/m3			05/25/22 18:54	1
Bromoform	2.1	U	2.1	0.60	ug/m3			05/25/22 18:54	1
Cumene	0.98	U	0.98	0.18	ug/m3			05/25/22 18:54	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			05/25/22 18:54	1
n-Propylbenzene	**0.35**	**J**	0.98	0.23	ug/m3			05/25/22 18:54	1
4-Ethyltoluene	**0.60**	**J**	0.98	0.25	ug/m3			05/25/22 18:54	1
1,3,5-Trimethylbenzene	**0.59**	**J**	0.98	0.22	ug/m3			05/25/22 18:54	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			05/25/22 18:54	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			05/25/22 18:54	1
1,2,4-Trimethylbenzene	**1.9**		0.98	0.23	ug/m3			05/25/22 18:54	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			05/25/22 18:54	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			05/25/22 18:54	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			05/25/22 18:54	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			05/25/22 18:54	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			05/25/22 18:54	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			05/25/22 18:54	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			05/25/22 18:54	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			05/25/22 18:54	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			05/25/22 18:54	1

Client Sample ID: SS-VENT PORT-3
Lab Sample ID: 200-63486-1

Date Collected: 05/20/22 13:35
Matrix: Air
Date Received: 05/23/22 10:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.6	U	2.6	0.89	ug/m3			05/25/22 18:54	1

Default Detection Limits

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

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

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	0.20	0.039	ppb v/v
1,1,1-Trichloroethane	1.1	0.21	ug/m3
1,1,2,2-Tetrachloroethane	0.20	0.043	ppb v/v
1,1,2,2-Tetrachloroethane	1.4	0.30	ug/m3
1,1,2-Trichloroethane	0.20	0.034	ppb v/v
1,1,2-Trichloroethane	1.1	0.19	ug/m3
1,1,2-Trichlorotrifluoroethane	0.20	0.055	ppb v/v
1,1,2-Trichlorotrifluoroethane	1.5	0.42	ug/m3
1,1-Dichloroethane	0.20	0.029	ppb v/v
1,1-Dichloroethane	0.81	0.12	ug/m3
1,1-Dichloroethene	0.050	0.029	ppb v/v
1,1-Dichloroethene	0.20	0.11	ug/m3
1,2,4-Trichlorobenzene	0.50	0.19	ppb v/v
1,2,4-Trichlorobenzene	3.7	1.4	ug/m3
1,2,4-Trimethylbenzene	0.20	0.047	ppb v/v
1,2,4-Trimethylbenzene	0.98	0.23	ug/m3
1,2-Dibromoethane	0.20	0.046	ppb v/v
1,2-Dibromoethane	1.5	0.35	ug/m3
1,2-Dichlorobenzene	0.20	0.070	ppb v/v
1,2-Dichlorobenzene	1.2	0.42	ug/m3
1,2-Dichloroethane	0.20	0.15	ppb v/v
1,2-Dichloroethane	0.81	0.61	ug/m3
1,2-Dichloropropane	0.20	0.087	ppb v/v
1,2-Dichloropropane	0.92	0.40	ug/m3
1,2-Dichlorotetrafluoroethane	0.20	0.055	ppb v/v
1,2-Dichlorotetrafluoroethane	1.4	0.38	ug/m3
1,3,5-Trimethylbenzene	0.20	0.044	ppb v/v
1,3,5-Trimethylbenzene	0.98	0.22	ug/m3
1,3-Butadiene	0.20	0.038	ppb v/v
1,3-Butadiene	0.44	0.084	ug/m3
1,3-Dichlorobenzene	0.20	0.089	ppb v/v
1,3-Dichlorobenzene	1.2	0.54	ug/m3
1,4-Dichlorobenzene	0.20	0.095	ppb v/v
1,4-Dichlorobenzene	1.2	0.57	ug/m3
1,4-Dioxane	5.0	1.7	ppb v/v
1,4-Dioxane	18	6.1	ug/m3
2,2,4-Trimethylpentane	0.20	0.035	ppb v/v
2,2,4-Trimethylpentane	0.93	0.16	ug/m3
2-Chlorotoluene	0.20	0.048	ppb v/v
2-Chlorotoluene	1.0	0.25	ug/m3
3-Chloropropene	0.50	0.11	ppb v/v
3-Chloropropene	1.6	0.34	ug/m3
4-Ethyltoluene	0.20	0.051	ppb v/v
4-Ethyltoluene	0.98	0.25	ug/m3
4-Isopropyltoluene	0.20	0.039	ppb v/v
4-Isopropyltoluene	1.1	0.21	ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	0.19	ppb v/v
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	0.78	ug/m3
Acetone	5.0	2.0	ppb v/v
Acetone	12	4.8	ug/m3
Benzene	0.20	0.074	ppb v/v
Benzene	0.64	0.24	ug/m3
Benzyl chloride	0.20	0.074	ppb v/v

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

Analyte	RL	MDL	Units
Benzyl chloride	1.0	0.38	ug/m3
Bromodichloromethane	0.20	0.040	ppb v/v
Bromodichloromethane	1.3	0.27	ug/m3
Bromoethene(Vinyl Bromide)	0.20	0.085	ppb v/v
Bromoethene(Vinyl Bromide)	0.87	0.37	ug/m3
Bromoform	0.20	0.058	ppb v/v
Bromoform	2.1	0.60	ug/m3
Bromomethane	0.20	0.052	ppb v/v
Bromomethane	0.78	0.20	ug/m3
Carbon disulfide	0.50	0.13	ppb v/v
Carbon disulfide	1.6	0.40	ug/m3
Carbon tetrachloride	0.035	0.032	ppb v/v
Carbon tetrachloride	0.22	0.20	ug/m3
Chlorobenzene	0.20	0.043	ppb v/v
Chlorobenzene	0.92	0.20	ug/m3
Chlorodifluoromethane	0.50	0.11	ppb v/v
Chlorodifluoromethane	1.8	0.39	ug/m3
Chloroethane	0.50	0.25	ppb v/v
Chloroethane	1.3	0.66	ug/m3
Chloroform	0.20	0.046	ppb v/v
Chloroform	0.98	0.22	ug/m3
Chloromethane	0.50	0.12	ppb v/v
Chloromethane	1.0	0.25	ug/m3
cis-1,2-Dichloroethene	0.050	0.033	ppb v/v
cis-1,2-Dichloroethene	0.20	0.13	ug/m3
cis-1,3-Dichloropropene	0.20	0.020	ppb v/v
cis-1,3-Dichloropropene	0.91	0.091	ug/m3
Cumene	0.20	0.037	ppb v/v
Cumene	0.98	0.18	ug/m3
Cyclohexane	0.20	0.035	ppb v/v
Cyclohexane	0.69	0.12	ug/m3
Dibromochloromethane	0.20	0.031	ppb v/v
Dibromochloromethane	1.7	0.26	ug/m3
Dichlorodifluoromethane	0.50	0.11	ppb v/v
Dichlorodifluoromethane	2.5	0.54	ug/m3
Ethylbenzene	0.20	0.10	ppb v/v
Ethylbenzene	0.87	0.43	ug/m3
Hexachlorobutadiene	0.20	0.031	ppb v/v
Hexachlorobutadiene	2.1	0.33	ug/m3
Isopropyl alcohol	5.0	0.98	ppb v/v
Isopropyl alcohol	12	2.4	ug/m3
m,p-Xylene	0.50	0.17	ppb v/v
m,p-Xylene	2.2	0.74	ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50	0.20	ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.0	0.82	ug/m3
Methyl Ethyl Ketone (2-Butanone)	0.50	0.17	ppb v/v
Methyl Ethyl Ketone (2-Butanone)	1.5	0.50	ug/m3
Methyl methacrylate	0.50	0.16	ppb v/v
Methyl methacrylate	2.0	0.66	ug/m3
Methyl tert-butyl ether	0.20	0.080	ppb v/v
Methyl tert-butyl ether	0.72	0.29	ug/m3
Methylene Chloride	0.50	0.17	ppb v/v
Methylene Chloride	1.7	0.59	ug/m3

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

Analyte	RL	MDL	Units
Naphthalene	0.50	0.17	ppb v/v
Naphthalene	2.6	0.89	ug/m3
n-Butane	0.50	0.19	ppb v/v
n-Butane	1.2	0.45	ug/m3
n-Butylbenzene	0.20	0.055	ppb v/v
n-Butylbenzene	1.1	0.30	ug/m3
n-Heptane	0.20	0.059	ppb v/v
n-Heptane	0.82	0.24	ug/m3
n-Hexane	0.50	0.23	ppb v/v
n-Hexane	1.8	0.81	ug/m3
n-Propylbenzene	0.20	0.047	ppb v/v
n-Propylbenzene	0.98	0.23	ug/m3
o-Xylene	0.20	0.094	ppb v/v
o-Xylene	0.87	0.41	ug/m3
sec-Butylbenzene	0.20	0.039	ppb v/v
sec-Butylbenzene	1.1	0.21	ug/m3
Styrene	0.20	0.032	ppb v/v
Styrene	0.85	0.14	ug/m3
tert-Butyl alcohol	5.0	1.2	ppb v/v
tert-Butyl alcohol	15	3.6	ug/m3
tert-Butylbenzene	0.20	0.037	ppb v/v
tert-Butylbenzene	1.1	0.20	ug/m3
Tetrachloroethene	0.20	0.027	ppb v/v
Tetrachloroethene	1.4	0.18	ug/m3
Tetrahydrofuran	5.0	1.2	ppb v/v
Tetrahydrofuran	15	3.5	ug/m3
Toluene	0.20	0.093	ppb v/v
Toluene	0.75	0.35	ug/m3
trans-1,2-Dichloroethene	0.20	0.088	ppb v/v
trans-1,2-Dichloroethene	0.79	0.35	ug/m3
trans-1,3-Dichloropropene	0.20	0.089	ppb v/v
trans-1,3-Dichloropropene	0.91	0.40	ug/m3
Trichloroethene	0.037	0.024	ppb v/v
Trichloroethene	0.20	0.13	ug/m3
Trichlorofluoromethane	0.20	0.052	ppb v/v
Trichlorofluoromethane	1.1	0.29	ug/m3
Vinyl chloride	0.078	0.028	ppb v/v
Vinyl chloride	0.20	0.072	ug/m3

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

Lab Sample ID: MB 200-180174/4
Matrix: Air
Analysis Batch: 180174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			05/25/22 09:55	1
Chlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			05/25/22 09:55	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			05/25/22 09:55	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			05/25/22 09:55	1
n-Butane	0.50	U	0.50	0.19	ppb v/v			05/25/22 09:55	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			05/25/22 09:55	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			05/25/22 09:55	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			05/25/22 09:55	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			05/25/22 09:55	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			05/25/22 09:55	1
Trichlorofluoromethane	0.20	U	0.20	0.052	ppb v/v			05/25/22 09:55	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			05/25/22 09:55	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			05/25/22 09:55	1
Acetone	5.0	U	5.0	2.0	ppb v/v			05/25/22 09:55	1
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			05/25/22 09:55	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			05/25/22 09:55	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			05/25/22 09:55	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			05/25/22 09:55	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			05/25/22 09:55	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			05/25/22 09:55	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			05/25/22 09:55	1
n-Hexane	0.50	U	0.50	0.23	ppb v/v			05/25/22 09:55	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			05/25/22 09:55	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			05/25/22 09:55	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			05/25/22 09:55	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			05/25/22 09:55	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			05/25/22 09:55	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			05/25/22 09:55	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			05/25/22 09:55	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			05/25/22 09:55	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			05/25/22 09:55	1
Benzene	0.20	U	0.20	0.074	ppb v/v			05/25/22 09:55	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			05/25/22 09:55	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			05/25/22 09:55	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			05/25/22 09:55	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			05/25/22 09:55	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			05/25/22 09:55	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			05/25/22 09:55	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			05/25/22 09:55	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			05/25/22 09:55	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			05/25/22 09:55	1
Toluene	0.20	U	0.20	0.093	ppb v/v			05/25/22 09:55	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			05/25/22 09:55	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			05/25/22 09:55	1
Tetrachloroethene	0.20	U	0.20	0.027	ppb v/v			05/25/22 09:55	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			05/25/22 09:55	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			05/25/22 09:55	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			05/25/22 09:55	1

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

Lab Sample ID: MB 200-180174/4
Matrix: Air
Analysis Batch: 180174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			05/25/22 09:55	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			05/25/22 09:55	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			05/25/22 09:55	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			05/25/22 09:55	1
Styrene	0.20	U	0.20	0.032	ppb v/v			05/25/22 09:55	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			05/25/22 09:55	1
Cumene	0.20	U	0.20	0.037	ppb v/v			05/25/22 09:55	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			05/25/22 09:55	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			05/25/22 09:55	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			05/25/22 09:55	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			05/25/22 09:55	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			05/25/22 09:55	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			05/25/22 09:55	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			05/25/22 09:55	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			05/25/22 09:55	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			05/25/22 09:55	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			05/25/22 09:55	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			05/25/22 09:55	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			05/25/22 09:55	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			05/25/22 09:55	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			05/25/22 09:55	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			05/25/22 09:55	1
Hexachlorobutadiene	0.0362	J	0.20	0.031	ppb v/v			05/25/22 09:55	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			05/25/22 09:55	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			05/25/22 09:55	1
Chlorodifluoromethane	1.8	U	1.8	0.39	ug/m3			05/25/22 09:55	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			05/25/22 09:55	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			05/25/22 09:55	1
n-Butane	1.2	U	1.2	0.45	ug/m3			05/25/22 09:55	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			05/25/22 09:55	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			05/25/22 09:55	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			05/25/22 09:55	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			05/25/22 09:55	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			05/25/22 09:55	1
Trichlorofluoromethane	1.1	U	1.1	0.29	ug/m3			05/25/22 09:55	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			05/25/22 09:55	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			05/25/22 09:55	1
Acetone	12	U	12	4.8	ug/m3			05/25/22 09:55	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			05/25/22 09:55	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			05/25/22 09:55	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			05/25/22 09:55	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			05/25/22 09:55	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			05/25/22 09:55	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			05/25/22 09:55	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			05/25/22 09:55	1
n-Hexane	1.8	U	1.8	0.81	ug/m3			05/25/22 09:55	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			05/25/22 09:55	1

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

Lab Sample ID: MB 200-180174/4
Matrix: Air
Analysis Batch: 180174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			05/25/22 09:55	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			05/25/22 09:55	1
Chloroform	0.98	U	0.98	0.22	ug/m3			05/25/22 09:55	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			05/25/22 09:55	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			05/25/22 09:55	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			05/25/22 09:55	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			05/25/22 09:55	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			05/25/22 09:55	1
Benzene	0.64	U	0.64	0.24	ug/m3			05/25/22 09:55	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			05/25/22 09:55	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			05/25/22 09:55	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			05/25/22 09:55	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			05/25/22 09:55	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			05/25/22 09:55	1
1,4-Dioxane	18	U	18	6.1	ug/m3			05/25/22 09:55	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			05/25/22 09:55	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			05/25/22 09:55	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			05/25/22 09:55	1
Toluene	0.75	U	0.75	0.35	ug/m3			05/25/22 09:55	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			05/25/22 09:55	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			05/25/22 09:55	1
Tetrachloroethene	1.4	U	1.4	0.18	ug/m3			05/25/22 09:55	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			05/25/22 09:55	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			05/25/22 09:55	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			05/25/22 09:55	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			05/25/22 09:55	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			05/25/22 09:55	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			05/25/22 09:55	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			05/25/22 09:55	1
Styrene	0.85	U	0.85	0.14	ug/m3			05/25/22 09:55	1
Bromoform	2.1	U	2.1	0.60	ug/m3			05/25/22 09:55	1
Cumene	0.98	U	0.98	0.18	ug/m3			05/25/22 09:55	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			05/25/22 09:55	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			05/25/22 09:55	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			05/25/22 09:55	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			05/25/22 09:55	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			05/25/22 09:55	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			05/25/22 09:55	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			05/25/22 09:55	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			05/25/22 09:55	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			05/25/22 09:55	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			05/25/22 09:55	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			05/25/22 09:55	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			05/25/22 09:55	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			05/25/22 09:55	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			05/25/22 09:55	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			05/25/22 09:55	1
Hexachlorobutadiene	0.386	J	2.1	0.33	ug/m3			05/25/22 09:55	1

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

Lab Sample ID: MB 200-180174/4
Matrix: Air
Analysis Batch: 180174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.6	U	2.6	0.89	ug/m3			05/25/22 09:55	1

Lab Sample ID: LCS 200-180174/3
Matrix: Air
Analysis Batch: 180174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10.0	10.9		ppb v/v		109	61 - 142
Chlorodifluoromethane	10.0	10.8		ppb v/v		108	60 - 147
1,2-Dichlorotetrafluoroethane	10.0	10.2		ppb v/v		102	71 - 141
Chloromethane	10.0	10.5		ppb v/v		105	56 - 141
n-Butane	10.0	10.8		ppb v/v		108	53 - 151
Vinyl chloride	10.0	10.2		ppb v/v		102	61 - 135
1,3-Butadiene	10.0	9.58		ppb v/v		96	58 - 139
Bromomethane	10.0	10.1		ppb v/v		101	72 - 124
Chloroethane	10.0	10.0		ppb v/v		100	68 - 130
Bromoethene(Vinyl Bromide)	10.0	9.57		ppb v/v		96	75 - 125
Trichlorofluoromethane	10.0	10.4		ppb v/v		104	70 - 129
1,1,2-Trichlorotrifluoroethane	10.0	10.6		ppb v/v		106	70 - 121
1,1-Dichloroethene	10.0	9.99		ppb v/v		100	68 - 120
Acetone	10.0	12.7		ppb v/v		127	54 - 154
Isopropyl alcohol	10.0	9.91		ppb v/v		99	53 - 142
Carbon disulfide	10.0	10.6		ppb v/v		106	71 - 138
3-Chloropropene	10.0	9.50		ppb v/v		95	50 - 150
Methylene Chloride	10.0	11.0		ppb v/v		110	59 - 137
tert-Butyl alcohol	10.0	10.9		ppb v/v		109	66 - 132
Methyl tert-butyl ether	10.0	10.7		ppb v/v		107	70 - 127
trans-1,2-Dichloroethene	10.0	10.3		ppb v/v		103	69 - 137
n-Hexane	10.0	10.4		ppb v/v		104	63 - 138
1,1-Dichloroethane	10.0	10.2		ppb v/v		103	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10.0	10.6		ppb v/v		106	72 - 124
cis-1,2-Dichloroethene	10.0	10.0		ppb v/v		100	72 - 121
Chloroform	10.0	10.9		ppb v/v		109	73 - 124
Tetrahydrofuran	10.0	10.7		ppb v/v		107	60 - 149
1,1,1-Trichloroethane	10.0	10.7		ppb v/v		107	72 - 127
Cyclohexane	10.0	10.1		ppb v/v		101	76 - 124
Carbon tetrachloride	10.0	10.5		ppb v/v		105	71 - 133
2,2,4-Trimethylpentane	10.0	10.3		ppb v/v		103	68 - 131
Benzene	10.0	10.0		ppb v/v		100	73 - 119
1,2-Dichloroethane	10.0	11.1		ppb v/v		111	68 - 135
n-Heptane	10.0	10.3		ppb v/v		103	60 - 142
Trichloroethene	10.0	10.3		ppb v/v		103	73 - 122
Methyl methacrylate	10.0	10.8		ppb v/v		108	73 - 129
1,2-Dichloropropane	10.0	10.5		ppb v/v		105	69 - 128
1,4-Dioxane	10.0	10.1		ppb v/v		101	66 - 129
Bromodichloromethane	10.0	10.8		ppb v/v		108	75 - 127
cis-1,3-Dichloropropene	10.0	10.2		ppb v/v		102	74 - 125

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

Lab Sample ID: LCS 200-180174/3
Matrix: Air
Analysis Batch: 180174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.0	11.2		ppb v/v		112	58 - 144
Toluene	10.0	10.4		ppb v/v		104	75 - 122
trans-1,3-Dichloropropene	10.0	10.9		ppb v/v		109	74 - 128
1,1,2-Trichloroethane	10.0	10.3		ppb v/v		103	75 - 126
Tetrachloroethene	10.0	9.68		ppb v/v		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9		ppb v/v		109	57 - 143
Dibromochloromethane	10.0	10.3		ppb v/v		103	73 - 125
1,2-Dibromoethane	10.0	10.4		ppb v/v		104	78 - 122
Chlorobenzene	10.0	10.1		ppb v/v		101	76 - 119
Ethylbenzene	10.0	10.5		ppb v/v		105	74 - 122
m,p-Xylene	20.0	20.9		ppb v/v		105	76 - 121
o-Xylene	10.0	10.3		ppb v/v		103	73 - 123
Styrene	10.0	10.4		ppb v/v		104	74 - 125
Bromoform	10.0	9.26		ppb v/v		93	53 - 149
Cumene	10.0	10.5		ppb v/v		105	73 - 123
1,1,2,2-Tetrachloroethane	10.0	10.1		ppb v/v		101	74 - 126
n-Propylbenzene	10.0	10.4		ppb v/v		104	73 - 127
4-Ethyltoluene	10.0	10.3		ppb v/v		103	75 - 129
1,3,5-Trimethylbenzene	10.0	10.5		ppb v/v		105	72 - 126
2-Chlorotoluene	10.0	10.6		ppb v/v		106	74 - 126
tert-Butylbenzene	10.0	10.3		ppb v/v		103	71 - 125
1,2,4-Trimethylbenzene	10.0	10.5		ppb v/v		105	71 - 129
sec-Butylbenzene	10.0	10.4		ppb v/v		104	70 - 128
4-Isopropyltoluene	10.0	10.6		ppb v/v		106	68 - 130
1,3-Dichlorobenzene	10.0	9.77		ppb v/v		98	69 - 131
1,4-Dichlorobenzene	10.0	9.44		ppb v/v		94	67 - 132
Benzyl chloride	10.0	9.23		ppb v/v		92	60 - 136
n-Butylbenzene	10.0	10.4		ppb v/v		104	65 - 137
1,2-Dichlorobenzene	10.0	9.66		ppb v/v		97	68 - 129
1,2,4-Trichlorobenzene	10.0	7.65		ppb v/v		76	50 - 150
Hexachlorobutadiene	10.0	8.65		ppb v/v		87	58 - 130
Naphthalene	10.0	8.18		ppb v/v		82	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	53.7		ug/m3		109	61 - 142
Chlorodifluoromethane	35	38.3		ug/m3		108	60 - 147
1,2-Dichlorotetrafluoroethane	70	71.6		ug/m3		102	71 - 141
Chloromethane	21	21.7		ug/m3		105	56 - 141
n-Butane	24	25.6		ug/m3		108	53 - 151
Vinyl chloride	26	26.1		ug/m3		102	61 - 135
1,3-Butadiene	22	21.2		ug/m3		96	58 - 139
Bromomethane	39	39.2		ug/m3		101	72 - 124
Chloroethane	26	26.5		ug/m3		100	68 - 130
Bromoethene(Vinyl Bromide)	44	41.9		ug/m3		96	75 - 125
Trichlorofluoromethane	56	58.4		ug/m3		104	70 - 129
1,1,2-Trichlorotrifluoroethane	77	81.0		ug/m3		106	70 - 121
1,1-Dichloroethene	40	39.6		ug/m3		100	68 - 120

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

Lab Sample ID: LCS 200-180174/3
Matrix: Air
Analysis Batch: 180174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	24	30.1		ug/m3		127	54 - 154
Isopropyl alcohol	25	24.4		ug/m3		99	53 - 142
Carbon disulfide	31	33.1		ug/m3		106	71 - 138
3-Chloropropene	31	29.7		ug/m3		95	50 - 150
Methylene Chloride	35	38.1		ug/m3		110	59 - 137
tert-Butyl alcohol	30	33.1		ug/m3		109	66 - 132
Methyl tert-butyl ether	36	38.5		ug/m3		107	70 - 127
trans-1,2-Dichloroethene	40	40.7		ug/m3		103	69 - 137
n-Hexane	35	36.5		ug/m3		104	63 - 138
1,1-Dichloroethane	40	41.5		ug/m3		103	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29	31.4		ug/m3		106	72 - 124
cis-1,2-Dichloroethene	40	39.8		ug/m3		100	72 - 121
Chloroform	49	53.1		ug/m3		109	73 - 124
Tetrahydrofuran	29	31.7		ug/m3		107	60 - 149
1,1,1-Trichloroethane	55	58.6		ug/m3		107	72 - 127
Cyclohexane	34	34.8		ug/m3		101	76 - 124
Carbon tetrachloride	63	66.2		ug/m3		105	71 - 133
2,2,4-Trimethylpentane	47	48.1		ug/m3		103	68 - 131
Benzene	32	32.1		ug/m3		100	73 - 119
1,2-Dichloroethane	40	44.8		ug/m3		111	68 - 135
n-Heptane	41	42.4		ug/m3		103	60 - 142
Trichloroethene	54	55.1		ug/m3		103	73 - 122
Methyl methacrylate	41	44.4		ug/m3		108	73 - 129
1,2-Dichloropropane	46	48.5		ug/m3		105	69 - 128
1,4-Dioxane	36	36.5		ug/m3		101	66 - 129
Bromodichloromethane	67	72.4		ug/m3		108	75 - 127
cis-1,3-Dichloropropene	45	46.3		ug/m3		102	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41	45.9		ug/m3		112	58 - 144
Toluene	38	39.1		ug/m3		104	75 - 122
trans-1,3-Dichloropropene	45	49.3		ug/m3		109	74 - 128
1,1,2-Trichloroethane	55	56.4		ug/m3		103	75 - 126
Tetrachloroethene	68	65.6		ug/m3		97	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	44.7		ug/m3		109	57 - 143
Dibromochloromethane	85	87.8		ug/m3		103	73 - 125
1,2-Dibromoethane	77	80.2		ug/m3		104	78 - 122
Chlorobenzene	46	46.5		ug/m3		101	76 - 119
Ethylbenzene	43	45.7		ug/m3		105	74 - 122
m,p-Xylene	87	90.8		ug/m3		105	76 - 121
o-Xylene	43	44.9		ug/m3		103	73 - 123
Styrene	43	44.5		ug/m3		104	74 - 125
Bromoform	100	95.7		ug/m3		93	53 - 149
Cumene	49	51.6		ug/m3		105	73 - 123
1,1,2,2-Tetrachloroethane	69	69.1		ug/m3		101	74 - 126
n-Propylbenzene	49	51.3		ug/m3		104	73 - 127
4-Ethyltoluene	49	50.6		ug/m3		103	75 - 129
1,3,5-Trimethylbenzene	49	51.8		ug/m3		105	72 - 126

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

Lab Sample ID: LCS 200-180174/3
Matrix: Air
Analysis Batch: 180174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	52	54.8		ug/m3		106	74 - 126
tert-Butylbenzene	55	56.6		ug/m3		103	71 - 125
1,2,4-Trimethylbenzene	49	51.5		ug/m3		105	71 - 129
sec-Butylbenzene	55	57.0		ug/m3		104	70 - 128
4-Isopropyltoluene	55	58.2		ug/m3		106	68 - 130
1,3-Dichlorobenzene	60	58.7		ug/m3		98	69 - 131
1,4-Dichlorobenzene	60	56.8		ug/m3		94	67 - 132
Benzyl chloride	52	47.8		ug/m3		92	60 - 136
n-Butylbenzene	55	57.0		ug/m3		104	65 - 137
1,2-Dichlorobenzene	60	58.1		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	74	56.8		ug/m3		76	50 - 150
Hexachlorobutadiene	110	92.2		ug/m3		87	58 - 130
Naphthalene	52	42.9		ug/m3		82	50 - 150

Lab Sample ID: 200-63486-1 DU
Matrix: Air
Analysis Batch: 180174

Client Sample ID: SS-VENT PORT-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dichlorodifluoromethane	0.82		0.775		ppb v/v		5	25
Chlorodifluoromethane	0.62		0.558		ppb v/v		10	25
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	U	ppb v/v		NC	25
Chloromethane	0.40	J	0.359	J	ppb v/v		11	25
n-Butane	2.6		2.40		ppb v/v		10	25
Vinyl chloride	0.078	U	0.078	U	ppb v/v		NC	25
1,3-Butadiene	0.13	J	0.0937	J F5	ppb v/v		35	25
Bromomethane	0.20	U	0.20	U	ppb v/v		NC	25
Chloroethane	0.50	U	0.50	U	ppb v/v		NC	25
Bromoethene(Vinyl Bromide)	0.20	U	0.20	U	ppb v/v		NC	25
Trichlorofluoromethane	0.19	J	0.180	J	ppb v/v		7	25
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	U	ppb v/v		NC	25
1,1-Dichloroethene	0.050	U	0.050	U	ppb v/v		NC	25
Acetone	5.2		4.98	J	ppb v/v		5	25
Isopropyl alcohol	3.0	J	3.27	J	ppb v/v		8	25
Carbon disulfide	0.50	U	0.50	U	ppb v/v		NC	25
3-Chloropropene	0.50	U	0.50	U	ppb v/v		NC	25
Methylene Chloride	0.50	U	0.50	U	ppb v/v		NC	25
tert-Butyl alcohol	5.0	U	5.0	U	ppb v/v		NC	25
Methyl tert-butyl ether	0.20	U	0.20	U	ppb v/v		NC	25
trans-1,2-Dichloroethene	0.20	U	0.20	U	ppb v/v		NC	25
n-Hexane	0.71		0.682		ppb v/v		4	25
1,1-Dichloroethane	0.20	U	0.20	U	ppb v/v		NC	25
Methyl Ethyl Ketone (2-Butanone)	3.5		3.39		ppb v/v		5	25
cis-1,2-Dichloroethene	0.050	U	0.050	U	ppb v/v		NC	25
Chloroform	0.20	U	0.0534	J	ppb v/v		NC	25
Tetrahydrofuran	5.0	U	5.0	U	ppb v/v		NC	25
1,1,1-Trichloroethane	0.20	U	0.20	U	ppb v/v		NC	25
Cyclohexane	0.56		0.524		ppb v/v		7	25

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

Lab Sample ID: 200-63486-1 DU
Matrix: Air
Analysis Batch: 180174

Client Sample ID: SS-VENT PORT-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Carbon tetrachloride	0.052		0.0519		ppb v/v		0.7	25
2,2,4-Trimethylpentane	0.82		0.800		ppb v/v		2	25
Benzene	1.2		1.11		ppb v/v		6	25
1,2-Dichloroethane	0.20	U	0.20	U	ppb v/v		NC	25
n-Heptane	0.43		0.444		ppb v/v		3	25
Trichloroethene	0.033	J	0.0437	F5	ppb v/v		29	25
Methyl methacrylate	0.50	U	0.50	U	ppb v/v		NC	25
1,2-Dichloropropane	0.20	U	0.20	U	ppb v/v		NC	25
1,4-Dioxane	5.0	U	5.0	U	ppb v/v		NC	25
Bromodichloromethane	0.20	U	0.20	U	ppb v/v		NC	25
cis-1,3-Dichloropropene	0.20	U	0.20	U	ppb v/v		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20	J	0.191	J	ppb v/v		6	25
Toluene	3.2		3.08		ppb v/v		4	25
trans-1,3-Dichloropropene	0.20	U	0.20	U	ppb v/v		NC	25
1,1,2-Trichloroethane	0.20	U	0.20	U	ppb v/v		NC	25
Tetrachloroethene	0.031	J	0.0303	J	ppb v/v		1	25
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	U	ppb v/v		NC	25
Dibromochloromethane	0.20	U	0.20	U	ppb v/v		NC	25
1,2-Dibromoethane	0.20	U	0.20	U	ppb v/v		NC	25
Chlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
Ethylbenzene	0.43		0.423		ppb v/v		2	25
m,p-Xylene	1.5		1.48		ppb v/v		4	25
o-Xylene	0.52		0.499		ppb v/v		4	25
Styrene	0.064	J	0.0645	J	ppb v/v		0.4	25
Bromoform	0.20	U	0.20	U	ppb v/v		NC	25
Cumene	0.20	U	0.20	U	ppb v/v		NC	25
1,1,2,2-Tetrachloroethane	0.20	U	0.20	U	ppb v/v		NC	25
n-Propylbenzene	0.070	J	0.0697	J	ppb v/v		0.9	25
4-Ethyltoluene	0.12	J	0.115	J	ppb v/v		6	25
1,3,5-Trimethylbenzene	0.12	J	0.109	J	ppb v/v		9	25
2-Chlorotoluene	0.20	U	0.20	U	ppb v/v		NC	25
tert-Butylbenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,2,4-Trimethylbenzene	0.39		0.383		ppb v/v		3	25
sec-Butylbenzene	0.20	U	0.20	U	ppb v/v		NC	25
4-Isopropyltoluene	0.20	U	0.20	U	ppb v/v		NC	25
1,3-Dichlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,4-Dichlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
Benzyl chloride	0.20	U	0.20	U	ppb v/v		NC	25
n-Butylbenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,2-Dichlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,2,4-Trichlorobenzene	0.50	U	0.50	U	ppb v/v		NC	25
Hexachlorobutadiene	0.20	U	0.20	U	ppb v/v		NC	25
Naphthalene	0.50	U	0.50	U	ppb v/v		NC	25

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dichlorodifluoromethane	4.0		3.83		ug/m3		5	25
Chlorodifluoromethane	2.2		1.97		ug/m3		10	25

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

Lab Sample ID: 200-63486-1 DU
Matrix: Air
Analysis Batch: 180174

Client Sample ID: SS-VENT PORT-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	U	ug/m3		NC	25
Chloromethane	0.83	J	0.742	J	ug/m3		11	25
n-Butane	6.3		5.71		ug/m3		10	25
Vinyl chloride	0.20	U	0.20	U	ug/m3		NC	25
1,3-Butadiene	0.30	J	0.207	J F5	ug/m3		35	25
Bromomethane	0.78	U	0.78	U	ug/m3		NC	25
Chloroethane	1.3	U	1.3	U	ug/m3		NC	25
Bromoethene(Vinyl Bromide)	0.87	U	0.87	U	ug/m3		NC	25
Trichlorofluoromethane	1.1	J	1.01	J	ug/m3		7	25
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
Acetone	12		11.8	J	ug/m3		5	25
Isopropyl alcohol	7.4	J	8.04	J	ug/m3		8	25
Carbon disulfide	1.6	U	1.6	U	ug/m3		NC	25
3-Chloropropene	1.6	U	1.6	U	ug/m3		NC	25
Methylene Chloride	1.7	U	1.7	U	ug/m3		NC	25
tert-Butyl alcohol	15	U	15	U	ug/m3		NC	25
Methyl tert-butyl ether	0.72	U	0.72	U	ug/m3		NC	25
trans-1,2-Dichloroethene	0.79	U	0.79	U	ug/m3		NC	25
n-Hexane	2.5		2.40		ug/m3		4	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
Methyl Ethyl Ketone (2-Butanone)	10		9.99		ug/m3		5	25
cis-1,2-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
Chloroform	0.98	U	0.261	J	ug/m3		NC	25
Tetrahydrofuran	15	U	15	U	ug/m3		NC	25
1,1,1-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
Cyclohexane	1.9		1.81		ug/m3		7	25
Carbon tetrachloride	0.33		0.326		ug/m3		0.7	25
2,2,4-Trimethylpentane	3.8		3.74		ug/m3		2	25
Benzene	3.8		3.55		ug/m3		6	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
n-Heptane	1.8		1.82		ug/m3		3	25
Trichloroethene	0.18	J	0.235	F5	ug/m3		29	25
Methyl methacrylate	2.0	U	2.0	U	ug/m3		NC	25
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25
1,4-Dioxane	18	U	18	U	ug/m3		NC	25
Bromodichloromethane	1.3	U	1.3	U	ug/m3		NC	25
cis-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.83	J	0.783	J	ug/m3		6	25
Toluene	12		11.6		ug/m3		4	25
trans-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
Tetrachloroethene	0.21	J	0.206	J	ug/m3		1	25
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	U	ug/m3		NC	25
Dibromochloromethane	1.7	U	1.7	U	ug/m3		NC	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25

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

Lab Sample ID: 200-63486-1 DU
Matrix: Air
Analysis Batch: 180174

Client Sample ID: SS-VENT PORT-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chlorobenzene	0.92	U		0.92	U	ug/m3				NC	25
Ethylbenzene	1.9			1.83		ug/m3				2	25
m,p-Xylene	6.7			6.41		ug/m3				4	25
o-Xylene	2.3			2.17		ug/m3				4	25
Styrene	0.27	J		0.275	J	ug/m3				0.4	25
Bromoform	2.1	U		2.1	U	ug/m3				NC	25
Cumene	0.98	U		0.98	U	ug/m3				NC	25
1,1,2,2-Tetrachloroethane	1.4	U		1.4	U	ug/m3				NC	25
n-Propylbenzene	0.35	J		0.343	J	ug/m3				0.9	25
4-Ethyltoluene	0.60	J		0.564	J	ug/m3				6	25
1,3,5-Trimethylbenzene	0.59	J		0.537	J	ug/m3				9	25
2-Chlorotoluene	1.0	U		1.0	U	ug/m3				NC	25
tert-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
1,2,4-Trimethylbenzene	1.9			1.88		ug/m3				3	25
sec-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
4-Isopropyltoluene	1.1	U		1.1	U	ug/m3				NC	25
1,3-Dichlorobenzene	1.2	U		1.2	U	ug/m3				NC	25
1,4-Dichlorobenzene	1.2	U		1.2	U	ug/m3				NC	25
Benzyl chloride	1.0	U		1.0	U	ug/m3				NC	25
n-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
1,2-Dichlorobenzene	1.2	U		1.2	U	ug/m3				NC	25
1,2,4-Trichlorobenzene	3.7	U		3.7	U	ug/m3				NC	25
Hexachlorobutadiene	2.1	U		2.1	U	ug/m3				NC	25
Naphthalene	2.6	U		2.6	U	ug/m3				NC	25

QC Association Summary

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

Air - GC/MS VOA

Analysis Batch: 180174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-63486-1	SS-VENT PORT-3	Total/NA	Air	TO-15	
MB 200-180174/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-180174/3	Lab Control Sample	Total/NA	Air	TO-15	
200-63486-1 DU	SS-VENT PORT-3	Total/NA	Air	TO-15	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

Client Sample ID: SS-VENT PORT-3

Date Collected: 05/20/22 13:35
Date Received: 05/23/22 10:30

Lab Sample ID: 200-63486-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	180174	05/25/22 18:54	K1P	TAL BUR

Laboratory References:

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

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

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 Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: LaBella Associates DPC
Project/Site: BCP #C932142 - Remington Road Bldg.

Job ID: 200-63486-1
SDG: 200-63486

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-63486-1	SS-VENT PORT-3	Air	05/20/22 13:35	05/23/22 10:30	Air Canister (6-Liter) #2706

Quantitation Limit Exceptions Summary

Client: LaBella Associates DPC
Job ID: 200-63486-1
Project/Site: BCP #C932142 - Remington Road Bldg.
SDG: 200-63486

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
TO-15	1,1-Dichloroethene	Air	Total/NA	ppb v/v	0.050	0.20
TO-15	Carbon tetrachloride	Air	Total/NA	ppb v/v	0.035	0.20
TO-15	cis-1,2-Dichloroethene	Air	Total/NA	ppb v/v	0.050	0.20
TO-15	Trichloroethene	Air	Total/NA	ppb v/v	0.037	0.20
TO-15	Vinyl chloride	Air	Total/NA	ppb v/v	0.078	0.20

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Instrument ID: CHC.i Analysis Batch Number: 180002

Lab Sample ID: IC 200-180002/4 Client Sample ID:

Date Analyzed: 05/19/22 15:56 Lab File ID: 50922-04.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	7.31	Incomplete Integration	phamvu	05/20/22 08:36
cis-1,2-Dichloroethene	9.21	Incomplete Integration	phamvu	05/20/22 08:36
Trichloroethene	12.08	Incomplete Integration	phamvu	05/20/22 08:37

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Instrument ID: CHC.i Analysis Batch Number: 180174

Lab Sample ID: MB 200-180174/4 Client Sample ID:

Date Analyzed: 05/25/22 09:55 Lab File ID: 50993-04.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane		Invalid Compound ID	puangmaleek	05/26/22 09:16
Bromodichloromethane	13.14	Assign Peak	puangmaleek	05/26/22 09:17
Toluene	14.74	Assign Peak	puangmaleek	05/26/22 09:18

Lab Sample ID: 200-63486-1 Client Sample ID: SS-VENT PORT-3

Date Analyzed: 05/25/22 18:54 Lab File ID: 50993-14.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene		Invalid Compound ID	puangmaleek	05/26/22 10:55
2-Chlorotoluene		Invalid Compound ID	puangmaleek	05/26/22 10:55
3-Chloropropene		Invalid Compound ID	puangmaleek	05/26/22 10:54
Benzyl chloride		Invalid Compound ID	puangmaleek	05/26/22 10:55
Methyl methacrylate		Invalid Compound ID	puangmaleek	05/26/22 10:55
sec-Butylbenzene		Invalid Compound ID	puangmaleek	05/26/22 10:55

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Instrument ID: CHC.i Analysis Batch Number: 180174

Lab Sample ID: 200-63486-1 DU Client Sample ID: SS-VENT PORT-3 DU

Date Analyzed: 05/25/22 19:48 Lab File ID: 50993-15.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane		Invalid Compound ID	puangmaleek	05/26/22 10:57
1,1-Dichloroethane		Invalid Compound ID	puangmaleek	05/26/22 10:57
1,3-Dichlorobenzene		Invalid Compound ID	puangmaleek	05/26/22 10:58
2-Chlorotoluene		Invalid Compound ID	puangmaleek	05/26/22 10:58
3-Chloropropene		Invalid Compound ID	puangmaleek	05/26/22 10:57
Benzyl chloride		Invalid Compound ID	puangmaleek	05/26/22 10:58
sec-Butylbenzene		Invalid Compound ID	puangmaleek	05/26/22 10:58
tert-Butylbenzene		Invalid Compound ID	puangmaleek	05/26/22 10:58
trans-1,3-Dichloropropene		Invalid Compound ID	puangmaleek	05/26/22 10:57
Tetrachloroethene	15.84	Assign Peak	puangmaleek	05/26/22 10:58
Methyl Butyl Ketone (2-Hexanone)	16.25	Assign Peak	puangmaleek	05/26/22 10:58
Cumene	19.70	Assign Peak	puangmaleek	05/26/22 10:58

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00240	07/08/22	04/08/22	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00201	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.20044 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.20044 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	0.20044 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20044 ppb v/v
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.20044 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chlorodifluoromethane	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Hexachlorobutadiene	0.20044 ppb v/v
							Isopropyl alcohol	0.20044 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							n-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.20044 ppb v/v
							o-Xylene	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	0.20044 ppb v/v
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.20044 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00201	07/08/22	04/08/22	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00153	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00141	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00153	07/08/22	04/08/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00141	10/01/22	04/01/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00314	07/08/22	04/08/22	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00201	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.500453 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.500453 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.500453 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chlorodifluoromethane	0.500453 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Hexachlorobutadiene	0.500453 ppb v/v
							Isopropyl alcohol	0.500453 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	0.500453 ppb v/v
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							n-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.500453 ppb v/v
							o-Xylene	0.500453 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.500453 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00141	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00201	07/08/22	04/08/22	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00153	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00141	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00153	07/08/22	04/08/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v

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SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
..ATTO15EthCALw_00141	10/01/22	04/01/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00004	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00141	10/01/22	04/01/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00246	07/08/22	04/08/22	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00153	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1,2-Trichlorotrifluoroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	4.99256 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	4.99256 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodifluoromethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Hexachlorobutadiene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	4.99256 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							n-Propylbenzene	4.99256 ppb v/v
							Naphthalene	4.99256 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
					ATTO15EthCALw_00141	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00153	07/08/22	04/08/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00141	10/01/22	04/01/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00780	07/08/22	04/08/22	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00153	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
.ATTO15CALSTKi_00153	07/08/22	04/08/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15CAL4w_00782	06/06/22	05/06/22	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00154	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	9.99806 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	9.99806 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	9.99806 ppb v/v
					ATTO15EthCALw_00142	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00154	08/05/22	05/05/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15EthCALw_00142	08/05/22	05/06/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25		ChemService, Lot 12173500		(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00117	07/08/22	04/08/22	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00153	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1,2-Trichlorotrifluoroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	15.0036 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	15.0036 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.0036 ppb v/v
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	15.0036 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chlorodifluoromethane	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Hexachlorobutadiene	15.0036 ppb v/v
							Isopropyl alcohol	15.0036 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							n-Propylbenzene	15.0036 ppb v/v
							Naphthalene	15.0036 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	15.0036 ppb v/v
							Pentane	15.0036 ppb v/v
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	15.0036 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
					ATTO15EthCALw_00141	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00153	07/08/22	04/08/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00141	10/01/22	04/01/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00201	07/08/22	04/08/22	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00153	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1,2-Trichlorotrifluoroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	19.9961 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	19.9961 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	19.9961 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chlorodifluoromethane	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Hexachlorobutadiene	19.9961 ppb v/v
							Isopropyl alcohol	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							n-Propylbenzene	19.9961 ppb v/v
							Naphthalene	19.9961 ppb v/v
							o-Xylene	19.9961 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	19.9961 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
					ATTO15EthCALw_00141	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00153	07/08/22	04/08/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00141	10/01/22	04/01/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00117	07/08/22	04/08/22	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00153	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1,2-Trichlorotrifluoroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	39.9922 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	39.9922 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	39.9922 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chlorodifluoromethane	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Hexachlorobutadiene	39.9922 ppb v/v
							Isopropyl alcohol	39.9922 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							n-Propylbenzene	39.9922 ppb v/v
							Naphthalene	39.9922 ppb v/v
							o-Xylene	39.9922 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	39.9922 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
					ATTO15EthCALw_00141	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00153	07/08/22	04/08/22	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00044	7500 mL	1,1,1-Trichloroethane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	200 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	200 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00044	10/25/22		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1 ppm v/v
							Vinyl chloride	1 ppm v/v
.ATTO15EthCALw_00141	10/01/22	04/01/22	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00004	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00004	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CISs_00011							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylenes, Total	
ATTO15LCSW_00840	06/02/22	05/02/22	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00126	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	9.99806 ppb v/v
.ATTO15LCSSTKi_00126	09/28/22	03/28/22	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00045	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00045	10/25/22		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15LCSW_00841	06/03/22	05/03/22	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00126	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1,2-Trichlorotrifluoroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chlorodifluoromethane	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							n-Propylbenzene	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							o-Xylene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	9.99806 ppb v/v
.ATTO15LCSSTKi_00126	09/28/22	03/28/22	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00045	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1,2-Trichlorotrifluoroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodifluoromethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Propylbenzene	200 ppb v/v
							Naphthalene	200 ppb v/v
							o-Xylene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00045	10/25/22		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodifluoromethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Propylbenzene	1 ppm v/v
							Naphthalene	1 ppm v/v
							o-Xylene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v

Reagent

1gEthanol_00004

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
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CERTIFICATE OF ANALYSIS

Ethyl alcohol

CATALOG NUMBER	N-11885-1G
LOT NUMBER	12173500
DATE CERTIFIED	08/21/19
EXPIRATION DATE	08/30/25
CAS NUMBER	64-17-5
MOLECULAR FORMULA	C2H6O
MOLECULAR WEIGHT	46.07
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/TCD)	99.5
% PURITY (GC/FID)	100.0
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
PHYSICAL APPEARANCE	COLORLESS LIQUID
% PURITY	99.8
ISO 17034:2016	CERTIFIED REFERENCE MATERIAL

CHEM SERVICE INC

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info@chemservice.com • www.chemservice.com

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA Testing
Accreditation #0529

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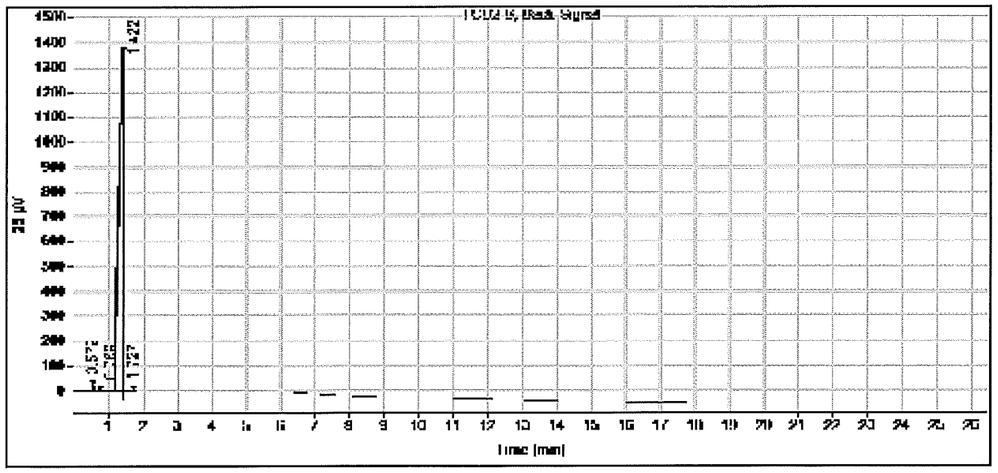
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\0718\SIG2022556.D

Sample name: N-11885 NEAT TCD

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 11:37:41 AM	**Location:**	Vial 101
Acq. method:	N-11885 TCD.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: TCD2 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.572	BB	0.0212	35.3817	25.4750	0.3006
0.769	BB	0.0375	16.7108	5.8171	0.1420
1.422	BB	0.1103	11708.3486	1361.3082	99.4587
1.727	BB	0.0260	11.6247	7.1305	0.0987
		Sum	11772.0658		

PJLA Testing

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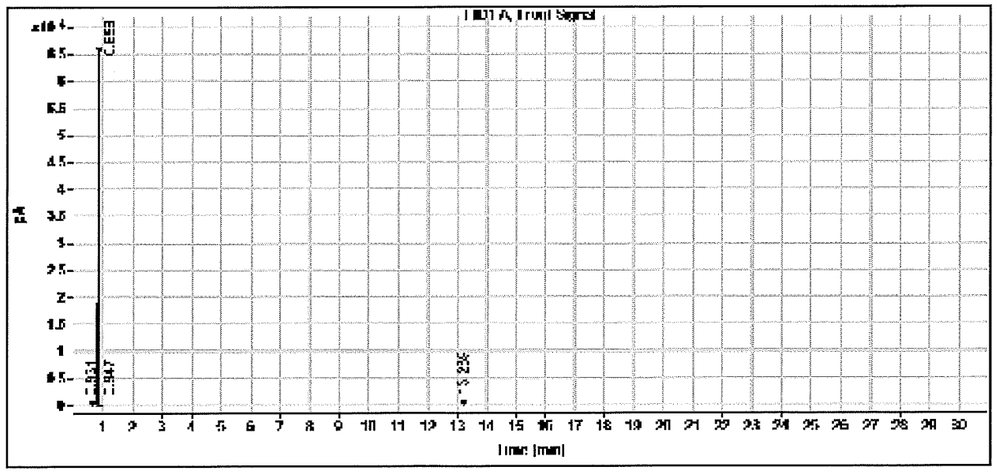
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\073019\073019B 2019-07-30 16-13-42 \101F0403.D

Sample name: N-11885 neat

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 3:39:30 AM	**Location:**	Vial 101
Acq. method:	N-11885.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.631	BV	0.0075	0.2668	0.5372	0.0002
0.647	VB	0.0112	27.4219	37.6672	0.0185
0.868	BB S	0.0287	148490.7656	65443.6719	99.9813
13.239	BB	0.0025	0.0186	0.1089	0.0000
		Sum	148518.4729		

PJLA Testing

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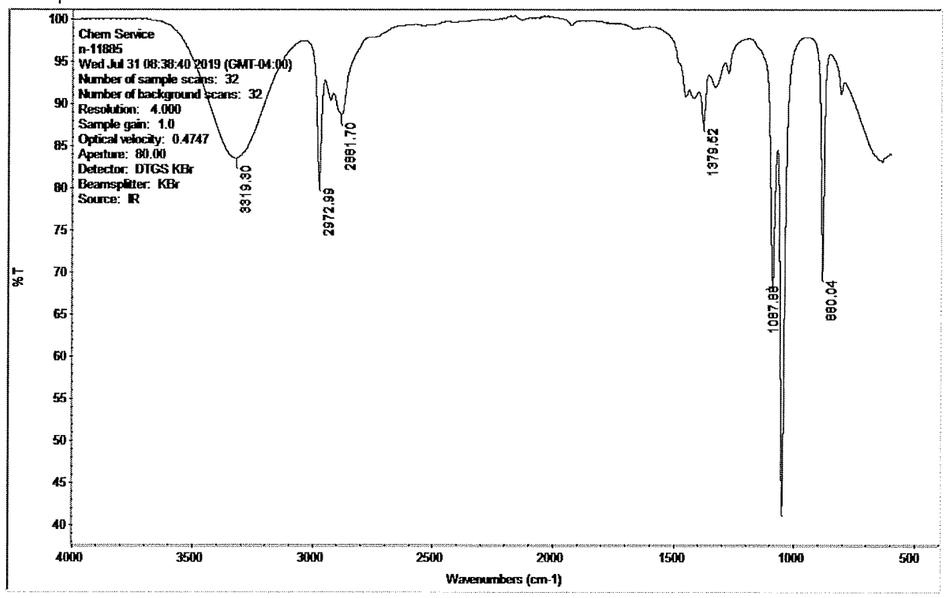
CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number:	N-11885-1G
Description:	Ethyl alcohol
Lot Number:	12173500
Expiration Date:	08/30/25



PJLA Testing

Reagent

ATTO15CALs_00044

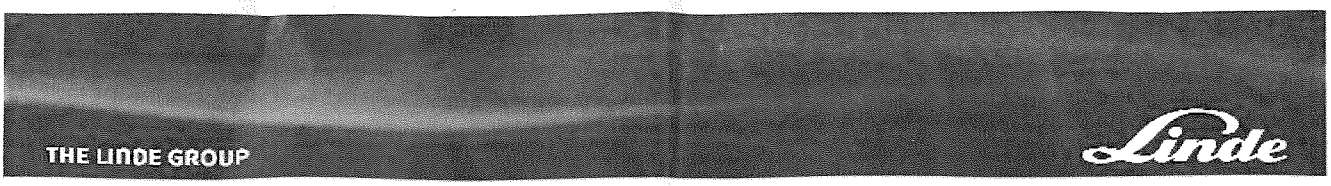
THE LINDE GROUP

SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.03 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.05 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.07 ppm
Freon-114	76-14-2	1.00 ppm	1.04 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.03 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.86 ppm
n-Butane	106-97-8	1.00 ppm	1.04 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.03 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile	75-05-8	1.00 ppm	0.95 ppm
Acrolein	107-02-8	1.00 ppm	1.01 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	0.99 ppm
Freon-11	75-69-4	1.00 ppm	1.06 ppm
n-Pentane	109-66-0	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.98 ppm
Acrylonitrile	107-13-1	1.00 ppm	0.98 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.03 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.02 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.02 ppm
Allyl Chloride	107-05-1	1.00 ppm	1.07 ppm
Freon-113	76-13-1	1.00 ppm	1.05 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.03 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.01 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.02 ppm

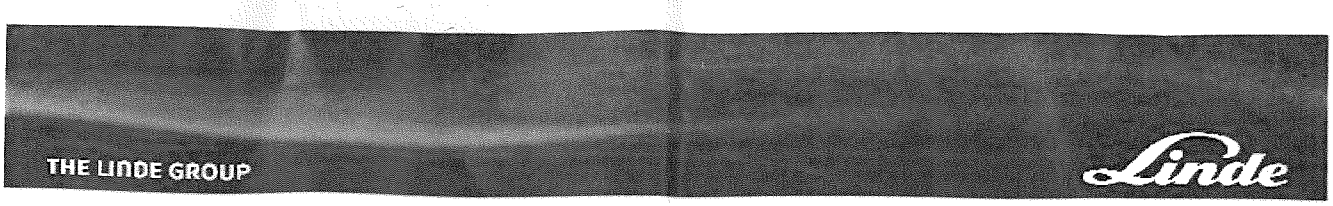


SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.05 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.01 ppm
Hexane	110-54-3	1.00 ppm	1.04 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.96 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.02 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.03 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.03 ppm
Cyclohexane	110-82-7	1.00 ppm	1.05 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.03 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.03 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	0.97 ppm
Heptane	142-82-5	1.00 ppm	1.05 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.04 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.97 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.03 ppm
Toluene	108-88-3	1.00 ppm	1.01 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	0.98 ppm
Dibromochloromethane	124-48-1	1.00 ppm	0.97 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.05 ppm



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30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.03 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.02 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.02 ppm
m-xylene	108-38-3	1.00 ppm	1.02 ppm
Bromoform	75-25-2	1.00 ppm	1.02 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.03 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.03 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.05 ppm
Nonane	111-84-2	1.00 ppm	1.05 ppm
Cumene	98-82-8	1.00 ppm	1.04 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.04 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.03 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.04 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	1.02 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.04 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.06 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.06 ppm
n-Decane	124-18-5	1.00 ppm	1.02 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.02 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.02 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.02 ppm

Linde Gas North America LLC
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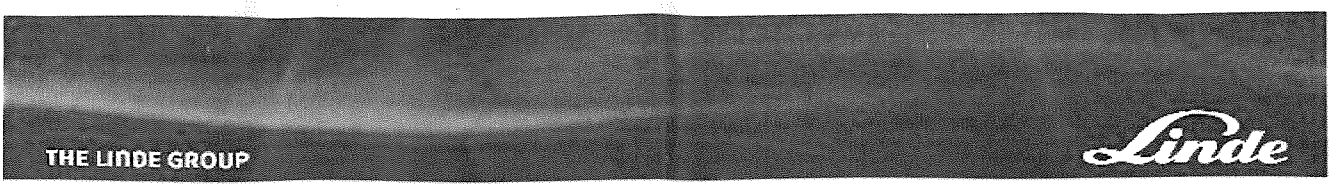

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30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.03 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.05 ppm
Naphthalene	91-20-3	1.00 ppm	0.95 ppm
n-Dodecane	112-40-3	1.00 ppm	0.93 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	0.92 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.02 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti **DATE:** Oct-25-2021

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1559896

ID ATTO15CALs_00044

Exp 10/25/22 Prpd VTP

TO15 Calibration Source T

Reagent

ATTO15CALs_00045

THE LINDE GROUP

SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
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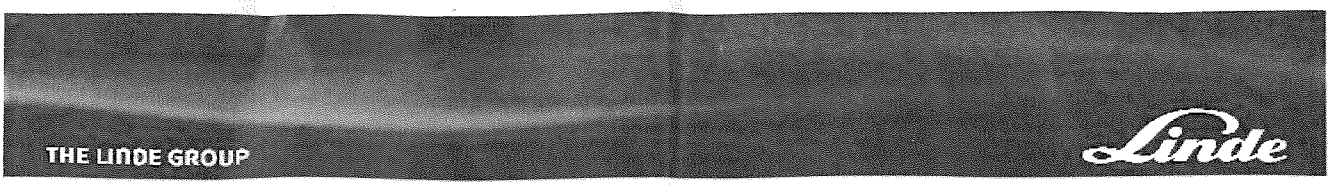
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.03 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.05 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.07 ppm
Freon-114	76-14-2	1.00 ppm	1.04 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.03 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.86 ppm
n-Butane	106-97-8	1.00 ppm	1.04 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.03 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile	75-05-8	1.00 ppm	0.95 ppm
Acrolein	107-02-8	1.00 ppm	1.01 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	0.99 ppm
Freon-11	75-69-4	1.00 ppm	1.06 ppm
n-Pentane	109-66-0	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.98 ppm
Acrylonitrile	107-13-1	1.00 ppm	0.98 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.03 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.02 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.02 ppm
Allyl Chloride	107-05-1	1.00 ppm	1.07 ppm
Freon-113	76-13-1	1.00 ppm	1.05 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.03 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.01 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.02 ppm



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30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
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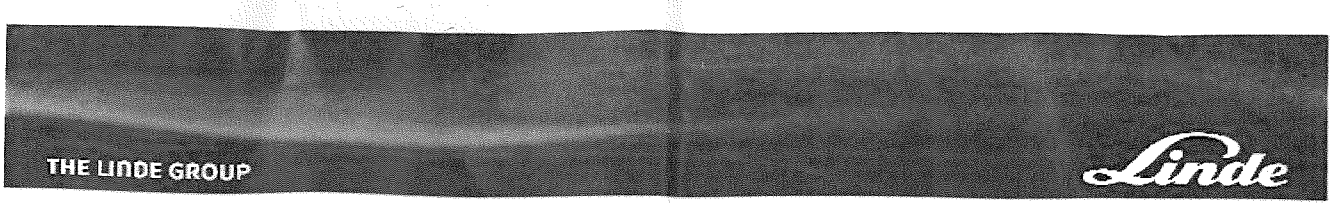
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.05 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.01 ppm
Hexane	110-54-3	1.00 ppm	1.04 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.96 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.02 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.03 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.03 ppm
Cyclohexane	110-82-7	1.00 ppm	1.05 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.03 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.03 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	0.97 ppm
Heptane	142-82-5	1.00 ppm	1.05 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.04 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.97 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.03 ppm
Toluene	108-88-3	1.00 ppm	1.01 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	0.98 ppm
Dibromochloromethane	124-48-1	1.00 ppm	0.97 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.05 ppm



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ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
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P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.03 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.02 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.02 ppm
m-xylene	108-38-3	1.00 ppm	1.02 ppm
Bromoform	75-25-2	1.00 ppm	1.02 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.03 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.03 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.05 ppm
Nonane	111-84-2	1.00 ppm	1.05 ppm
Cumene	98-82-8	1.00 ppm	1.04 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.04 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.03 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.04 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	1.02 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.04 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.06 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.06 ppm
n-Decane	124-18-5	1.00 ppm	1.02 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.02 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.02 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.02 ppm

Linde Gas North America LLC
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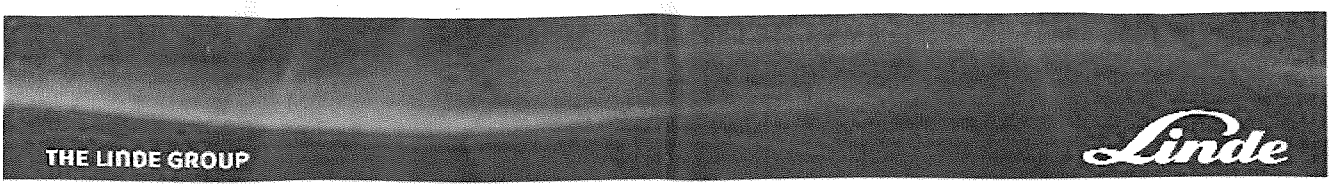

SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Oct-25-2022	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.03 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.05 ppm
Naphthalene	91-20-3	1.00 ppm	0.95 ppm
n-Dodecane	112-40-3	1.00 ppm	0.93 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	0.92 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.02 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti **DATE:** Oct-25-2021

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Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Matrix: Air Level: Low Lab File ID: 50993-03.D

Lab ID: LCS 200-180174/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.9	109	61-142	
Chlorodifluoromethane	10.0	10.8	108	60-147	
1,2-Dichlorotetrafluoroethane	10.0	10.2	102	71-141	
Chloromethane	10.0	10.5	105	56-141	
n-Butane	10.0	10.8	108	53-151	
Vinyl chloride	10.0	10.2	102	61-135	
1,3-Butadiene	10.0	9.58	96	58-139	
Bromomethane	10.0	10.1	101	72-124	
Chloroethane	10.0	10.0	100	68-130	
Bromoethene(Vinyl Bromide)	10.0	9.57	96	75-125	
Trichlorofluoromethane	10.0	10.4	104	70-129	
1,1,2-Trichlorotrifluoroethane	10.0	10.6	106	70-121	
1,1-Dichloroethene	10.0	9.99	100	68-120	
Acetone	10.0	12.7	127	54-154	
Isopropyl alcohol	10.0	9.91	99	53-142	
Carbon disulfide	10.0	10.6	106	71-138	
3-Chloropropene	10.0	9.50	95	50-150	
Methylene Chloride	10.0	11.0	110	59-137	
tert-Butyl alcohol	10.0	10.9	109	66-132	
Methyl tert-butyl ether	10.0	10.7	107	70-127	
trans-1,2-Dichloroethene	10.0	10.3	103	69-137	
n-Hexane	10.0	10.4	104	63-138	
1,1-Dichloroethane	10.0	10.2	103	66-130	
Methyl Ethyl Ketone (2-Butanone)	10.0	10.6	106	72-124	
cis-1,2-Dichloroethene	10.0	10.0	100	72-121	
Chloroform	10.0	10.9	109	73-124	
Tetrahydrofuran	10.0	10.7	107	60-149	
1,1,1-Trichloroethane	10.0	10.7	107	72-127	
Cyclohexane	10.0	10.1	101	76-124	
Carbon tetrachloride	10.0	10.5	105	71-133	
2,2,4-Trimethylpentane	10.0	10.3	103	68-131	
Benzene	10.0	10.0	100	73-119	
1,2-Dichloroethane	10.0	11.1	111	68-135	
n-Heptane	10.0	10.3	103	60-142	
Trichloroethene	10.0	10.3	103	73-122	
Methyl methacrylate	10.0	10.8	108	73-129	
1,2-Dichloropropane	10.0	10.5	105	69-128	
1,4-Dioxane	10.0	10.1	101	66-129	
Bromodichloromethane	10.0	10.8	108	75-127	
cis-1,3-Dichloropropene	10.0	10.2	102	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Matrix: Air Level: Low Lab File ID: 50993-03.D

Lab ID: LCS 200-180174/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.0	11.2	112	58-144	
Toluene	10.0	10.4	104	75-122	
trans-1,3-Dichloropropene	10.0	10.9	109	74-128	
1,1,2-Trichloroethane	10.0	10.3	103	75-126	
Tetrachloroethene	10.0	9.68	97	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.9	109	57-143	
Dibromochloromethane	10.0	10.3	103	73-125	
1,2-Dibromoethane	10.0	10.4	104	78-122	
Chlorobenzene	10.0	10.1	101	76-119	
Ethylbenzene	10.0	10.5	105	74-122	
m,p-Xylene	20.0	20.9	105	76-121	
o-Xylene	10.0	10.3	103	73-123	
Styrene	10.0	10.4	104	74-125	
Bromoform	10.0	9.26	93	53-149	
Cumene	10.0	10.5	105	73-123	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	74-126	
n-Propylbenzene	10.0	10.4	104	73-127	
4-Ethyltoluene	10.0	10.3	103	75-129	
1,3,5-Trimethylbenzene	10.0	10.5	105	72-126	
2-Chlorotoluene	10.0	10.6	106	74-126	
tert-Butylbenzene	10.0	10.3	103	71-125	
1,2,4-Trimethylbenzene	10.0	10.5	105	71-129	
sec-Butylbenzene	10.0	10.4	104	70-128	
4-Isopropyltoluene	10.0	10.6	106	68-130	
1,3-Dichlorobenzene	10.0	9.77	98	69-131	
1,4-Dichlorobenzene	10.0	9.44	94	67-132	
Benzyl chloride	10.0	9.23	92	60-136	
n-Butylbenzene	10.0	10.4	104	65-137	
1,2-Dichlorobenzene	10.0	9.66	97	68-129	
1,2,4-Trichlorobenzene	10.0	7.65	76	50-150	
Hexachlorobutadiene	10.0	8.65	87	58-130	
Naphthalene	10.0	8.18	82	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab File ID: 50993-04.D Lab Sample ID: MB 200-180174/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHC.i Date Analyzed: 05/25/2022 09:55

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-180174/3	50993-03.D	05/25/2022 09:01
SS-VENT PORT-3	200-63486-1	50993-14.D	05/25/2022 18:54
SS-VENT PORT-3 DU	200-63486-1 DU	50993-15.D	05/25/2022 19:48

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab File ID: 50922-01.D BFB Injection Date: 05/19/2022

Instrument ID: CHC.i BFB Injection Time: 13:19

Analysis Batch No.: 180002

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.9	
75	30.0 - 66.0% of mass 95	51.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	74.5	
175	4.0 - 9.0 % of mass 174	6.0	(8.1) 1
176	93.0 - 101.0% of mass 174	72.7	(97.7) 1
177	5.0 - 9.0% of mass 176	4.9	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-180002/4	50922-04.D	05/19/2022	15:56
	IC 200-180002/5	50922-05.D	05/19/2022	16:51
	IC 200-180002/6	50922-06.D	05/19/2022	17:46
	IC 200-180002/7	50922-07.D	05/19/2022	18:40
	ICIS 200-180002/8	50922-08.D	05/19/2022	19:35
	IC 200-180002/9	50922-09.D	05/19/2022	20:29
	IC 200-180002/13	50922-13.D	05/20/2022	0:06
	IC 200-180002/14	50922-14.D	05/20/2022	1:00
	ICV 200-180002/18	50922-18.D	05/20/2022	4:37

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab File ID: 50993-01.D BFB Injection Date: 05/25/2022

Instrument ID: CHC.i BFB Injection Time: 07:23

Analysis Batch No.: 180174

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	22.5	
75	30.0 - 66.0% of mass 95	53.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	73.2	
175	4.0 - 9.0 % of mass 174	6.2	(8.5) 1
176	93.0 - 101.0% of mass 174	71.4	(97.5) 1
177	5.0 - 9.0% of mass 176	4.8	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-180174/2	50993-02.D	05/25/2022	8:07
	LCS 200-180174/3	50993-03.D	05/25/2022	9:01
	MB 200-180174/4	50993-04.D	05/25/2022	9:55
SS-VENT PORT-3	200-63486-1	50993-14.D	05/25/2022	18:54
SS-VENT PORT-3 DU	200-63486-1 DU	50993-15.D	05/25/2022	19:48

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Sample No.: ICIS 200-180002/8 Date Analyzed: 05/19/2022 19:35

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 50922-08.D Heated Purge: (Y/N) N

Calibration ID: 48192

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		274930	9.64	1821949	11.60	1857620	17.63
UPPER LIMIT		384902	9.97	2550729	11.93	2600668	17.96
LOWER LIMIT		164958	9.31	1093169	11.27	1114572	17.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-180002/18		261889	9.64	1778146	11.60	1852383	17.63

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Sample No.: CCVIS 200-180174/2 Date Analyzed: 05/25/2022 08:07

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 50993-02.D Heated Purge: (Y/N) N

Calibration ID: 48192

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		233373	9.63	1599038	11.60	1656980	17.63
UPPER LIMIT		326722	9.96	2238653	11.93	2319772	17.96
LOWER LIMIT		140024	9.30	959423	11.27	994188	17.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-180174/3		230756	9.64	1573481	11.60	1650053	17.63
MB 200-180174/4		225761	9.63	1582181	11.60	1677845	17.63
200-63486-1	SS-VENT PORT-3	230706	9.63	1594325	11.60	1709660	17.63
200-63486-1 DU	SS-VENT PORT-3 DU	236594	9.63	1627474	11.60	1691838	17.63

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 Lab Sample ID: 200-63486-1

Matrix: Air Lab File ID: 50993-14.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 18:54

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.82		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.62		0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.40	J	0.50	0.12
106-97-8	n-Butane	58.12	2.6		0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.13	J	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.19	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	5.2		5.0	2.0
67-63-0	Isopropyl alcohol	60.10	3.0	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.71		0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.5		0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.56		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.052		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.82		0.20	0.035
71-43-2	Benzene	78.11	1.2		0.20	0.074

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 Lab Sample ID: 200-63486-1

Matrix: Air Lab File ID: 50993-14.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 18:54

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15
142-82-5	n-Heptane	100.21	0.43		0.20	0.059
79-01-6	Trichloroethene	131.39	0.033	J	0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.20	J	0.50	0.19
108-88-3	Toluene	92.14	3.2		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.031	J	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.43		0.20	0.10
179601-23-1	m,p-Xylene	106.17	1.5		0.50	0.17
95-47-6	o-Xylene	106.17	0.52		0.20	0.094
100-42-5	Styrene	104.15	0.064	J	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.070	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.12	J	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.12	J	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39		0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 Lab Sample ID: 200-63486-1

Matrix: Air Lab File ID: 50993-14.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 18:54

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 Lab Sample ID: 200-63486-1

Matrix: Air Lab File ID: 50993-14.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 18:54

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	4.0		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.2		1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.83	J	1.0	0.25
106-97-8	n-Butane	58.12	6.3		1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.30	J	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.1	J	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	12		12	4.8
67-63-0	Isopropyl alcohol	60.10	7.4	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	2.5		1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	10		1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	1.9		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.33		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	3.8		0.93	0.16
71-43-2	Benzene	78.11	3.8		0.64	0.24

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

Lab Name: Eurofins Burlington | Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 | Lab Sample ID: 200-63486-1

Matrix: Air | Lab File ID: 50993-14.D

Analysis Method: TO-15 | Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) | Date Analyzed: 05/25/2022 18:54

Soil Aliquot Vol: | Dilution Factor: 1

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

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 180174 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61
142-82-5	n-Heptane	100.21	1.8		0.82	0.24
79-01-6	Trichloroethene	131.39	0.18	J	0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.83	J	2.0	0.78
108-88-3	Toluene	92.14	12		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	0.21	J	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	1.9		0.87	0.43
179601-23-1	m,p-Xylene	106.17	6.7		2.2	0.74
95-47-6	o-Xylene	106.17	2.3		0.87	0.41
100-42-5	Styrene	104.15	0.27	J	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.35	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.60	J	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.59	J	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	1.9		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 Lab Sample ID: 200-63486-1

Matrix: Air Lab File ID: 50993-14.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 18:54

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D
Lims ID: 200-63486-A-1
Client ID: SS-VENT PORT-3
Sample Type: Client
Inject. Date: 25-May-2022 18:54:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050993-014
Misc. Info.: 63486-1
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 26-May-2022 10:56:06 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: puangmaleek Date: 26-May-2022 10:56:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.869	2.874	-0.005	99	56560	0.8154	
3 Chlorodifluoromethane	51	2.906	2.912	-0.006	97	23597	0.6160	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.104				ND	
5 Chloromethane	50	3.205	3.210	-0.005	98	6206	0.4014	
6 Butane	43	3.397	3.397	0.000	94	49318	2.65	
7 Vinyl chloride	62		3.419				ND	
8 Butadiene	54	3.493	3.493	0.000	88	1380	0.1340	
9 Bromomethane	94		4.075				ND	
10 Chloroethane	64		4.294				ND	
13 Vinyl bromide	106		4.657				ND	
14 Trichlorofluoromethane	101	4.774	4.771	0.005	98	10690	0.1932	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.799	5.804	-0.005	37	2139	0.0544	
20 1,1-Dichloroethene	96		5.815				ND	
21 Acetone	43	6.039	6.028	0.011	100	126498	5.24	
22 Carbon disulfide	76	6.178	6.178	0.000	92	3706	0.0787	
23 Isopropyl alcohol	45	6.471	6.407	0.064	99	79306	3.03	
24 3-Chloro-1-propene	41		6.557				ND	U
26 Methylene Chloride	49	6.829	6.829	0.000	88	2617	0.1367	
28 2-Methyl-2-propanol	59	7.293	7.181	0.112	98	12962	0.3520	
29 trans-1,2-Dichloroethene	61		7.293				ND	
30 Methyl tert-butyl ether	73		7.320				ND	
32 Hexane	57	7.731	7.735	0.000	87	18400	0.7129	
33 1,1-Dichloroethane	63		8.115				ND	7
35 cis-1,2-Dichloroethene	96		9.198				ND	
36 2-Butanone (MEK)	72	9.273	9.262	0.016	99	35783	3.55	
* 38 Chlorobromomethane	128	9.631	9.631	0.000	88	230706	20.0	
39 Tetrahydrofuran	42	9.785	9.716	0.069	66	2274	0.0967	
40 Chloroform	83	9.791	9.812	0.000	75	2197	0.0420	
41 1,1,1-Trichloroethane	97		10.063				ND	7
42 Cyclohexane	84	10.079	10.079	0.000	93	19209	0.5600	
44 Carbon tetrachloride	117	10.335	10.330	0.005	59	3428	0.0522	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	10.751	10.746	0.005	97	109066	1.17	
46 Isooctane	57	10.815	10.815	0.000	98	122156	0.8155	
47 1,2-Dichloroethane	62		10.896				ND	
48 n-Heptane	43	11.216	11.221	-0.005	94	27145	0.4326	
* 49 1,4-Difluorobenzene	114	11.595	11.595	0.000	96	1594325	20.0	
50 Trichloroethene	95	12.075	12.064	0.011	90	1655	0.0327	
53 1,2-Dichloropropane	63		12.561				ND	
55 Methyl methacrylate	69		12.811				ND	U
57 1,4-Dioxane	88		12.870				ND	
58 Dichlorobromomethane	83		13.137				ND	
59 cis-1,3-Dichloropropene	75		14.103				ND	
61 4-Methyl-2-pentanone (MIBK)	43	14.487	14.434	0.053	96	27381	0.2024	
62 Toluene	92	14.717	14.743	0.000	93	313683	3.19	
66 trans-1,3-Dichloropropene	75		15.309				ND	7
67 1,1,2-Trichloroethane	83		15.672				ND	
68 Tetrachloroethene	166	15.853	15.848	0.005	82	2125	0.0307	
69 2-Hexanone	43		16.195				ND	7
70 Chlorodibromomethane	129		16.441				ND	
71 Ethylene Dibromide	107		16.686				ND	
* 72 Chlorobenzene-d5	117	17.625	17.625	0.000	92	1709660	20.0	
73 Chlorobenzene	112		17.684				ND	7
74 Ethylbenzene	91	17.871	17.866	0.005	100	94529	0.4309	
76 m-Xylene & p-Xylene	106	18.122	18.122	0.000	0	120335	1.54	
77 o-Xylene	106	18.954	18.954	0.000	98	39879	0.5184	
78 Styrene	104	19.008	19.002	0.006	82	8008	0.0642	
80 Bromoform	173		19.408				ND	
81 Isopropylbenzene	105	19.707	19.707	0.000	97	6592	0.0285	
83 1,1,2,2-Tetrachloroethane	83		20.401				ND	7
85 N-Propylbenzene	91	20.518	20.513	0.005	97	20819	0.0703	
86 2-Chlorotoluene	91		20.710				ND	U
87 4-Ethyltoluene	105	20.731	20.726	0.005	98	28589	0.1223	
89 1,3,5-Trimethylbenzene	105	20.849	20.843	0.005	91	23137	0.1200	
91 tert-Butylbenzene	119		21.372				ND	
92 1,2,4-Trimethylbenzene	105	21.473	21.479	0.005	99	76081	0.3943	
93 sec-Butylbenzene	105		21.719				ND	U
95 1,3-Dichlorobenzene	146	21.948	21.938	0.010	53	1438	0.0120	
94 4-Isopropyltoluene	119	21.948	21.943	0.005	95	6637	0.0292	
96 1,4-Dichlorobenzene	146		22.082				ND	U
97 Benzyl chloride	91		22.274				ND	U
98 n-Butylbenzene	91	22.530	22.530	0.000	84	6185	0.0248	
100 1,2-Dichlorobenzene	146		22.610				ND	7
102 1,2,4-Trichlorobenzene	180		24.921				ND	
103 Hexachlorobutadiene	225		25.129				ND	
104 Naphthalene	128	25.342	25.327	0.016	97	10338	0.0411	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
U - Marked Undetected

Reagents:

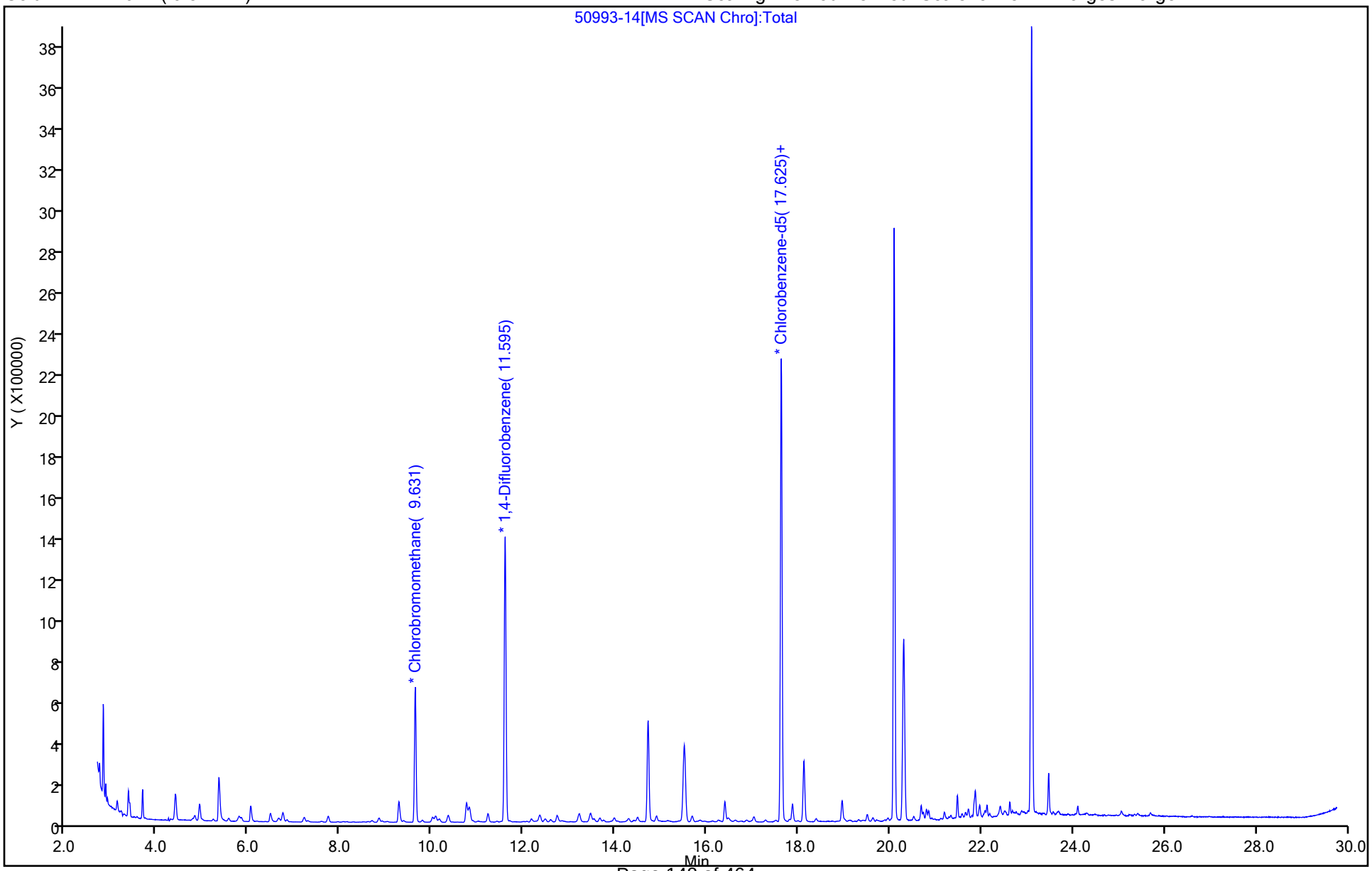
ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1	Worklist Smp#:	14
Client ID:	SS-VENT PORT-3				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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

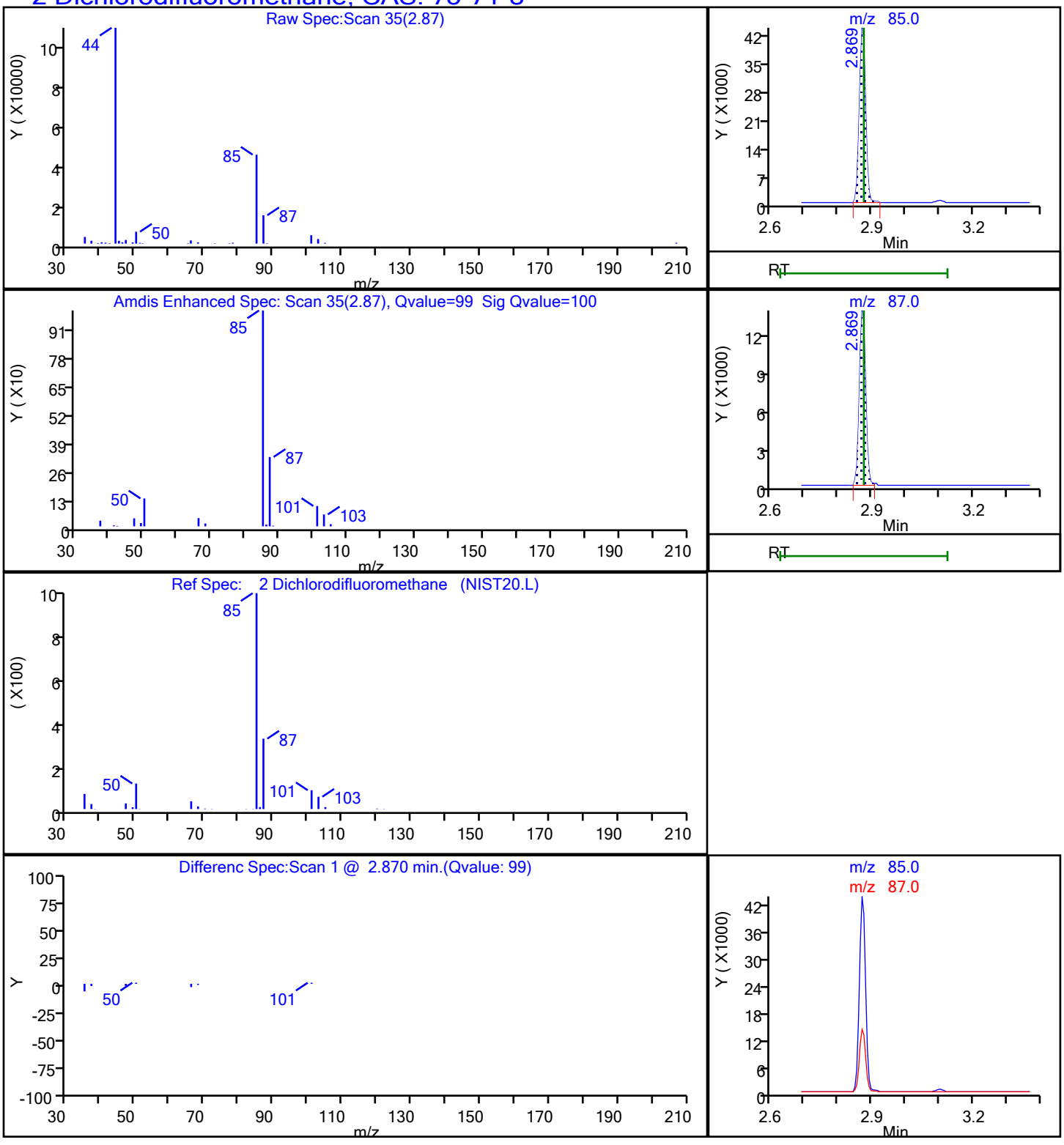


Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8

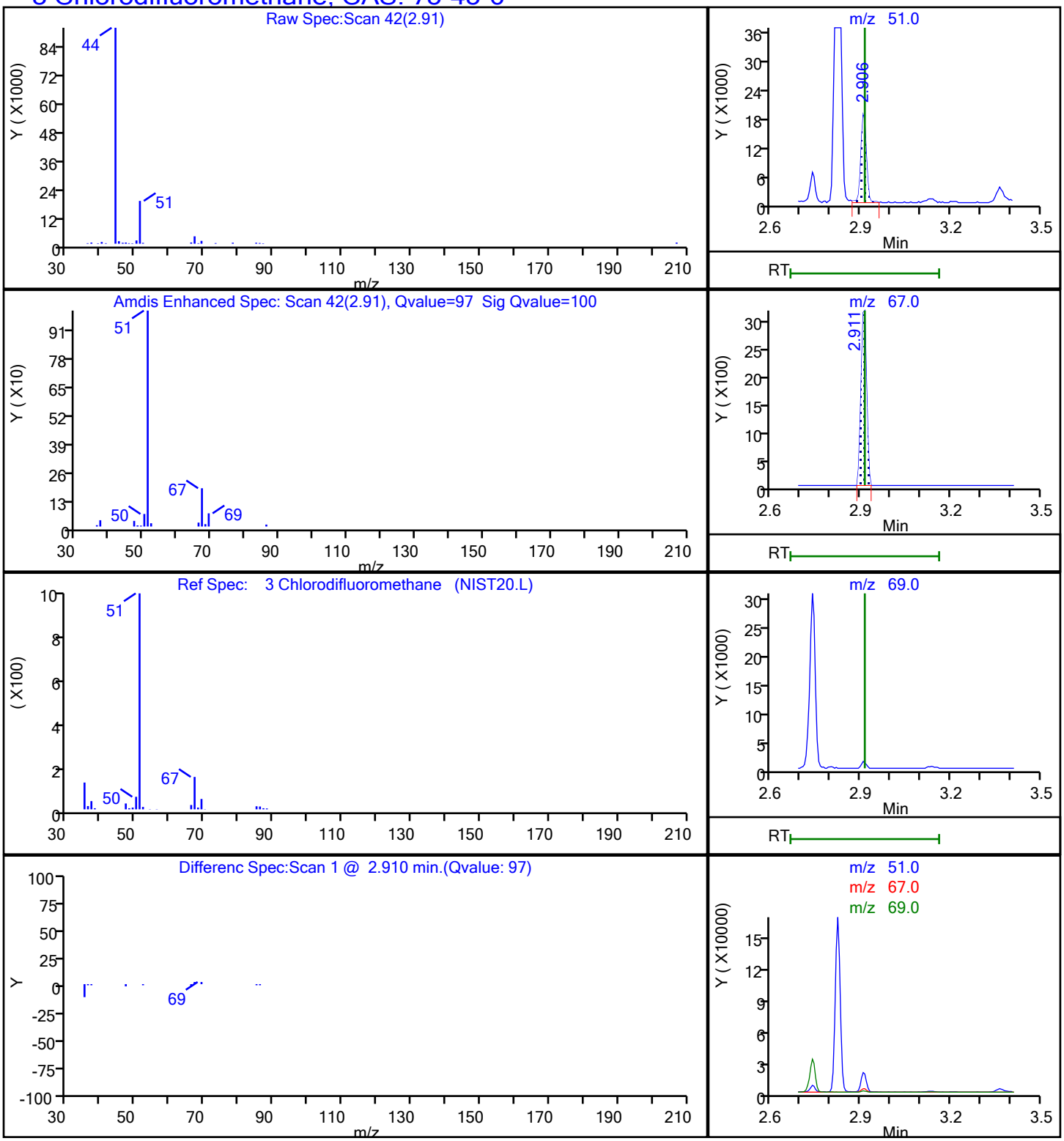


Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



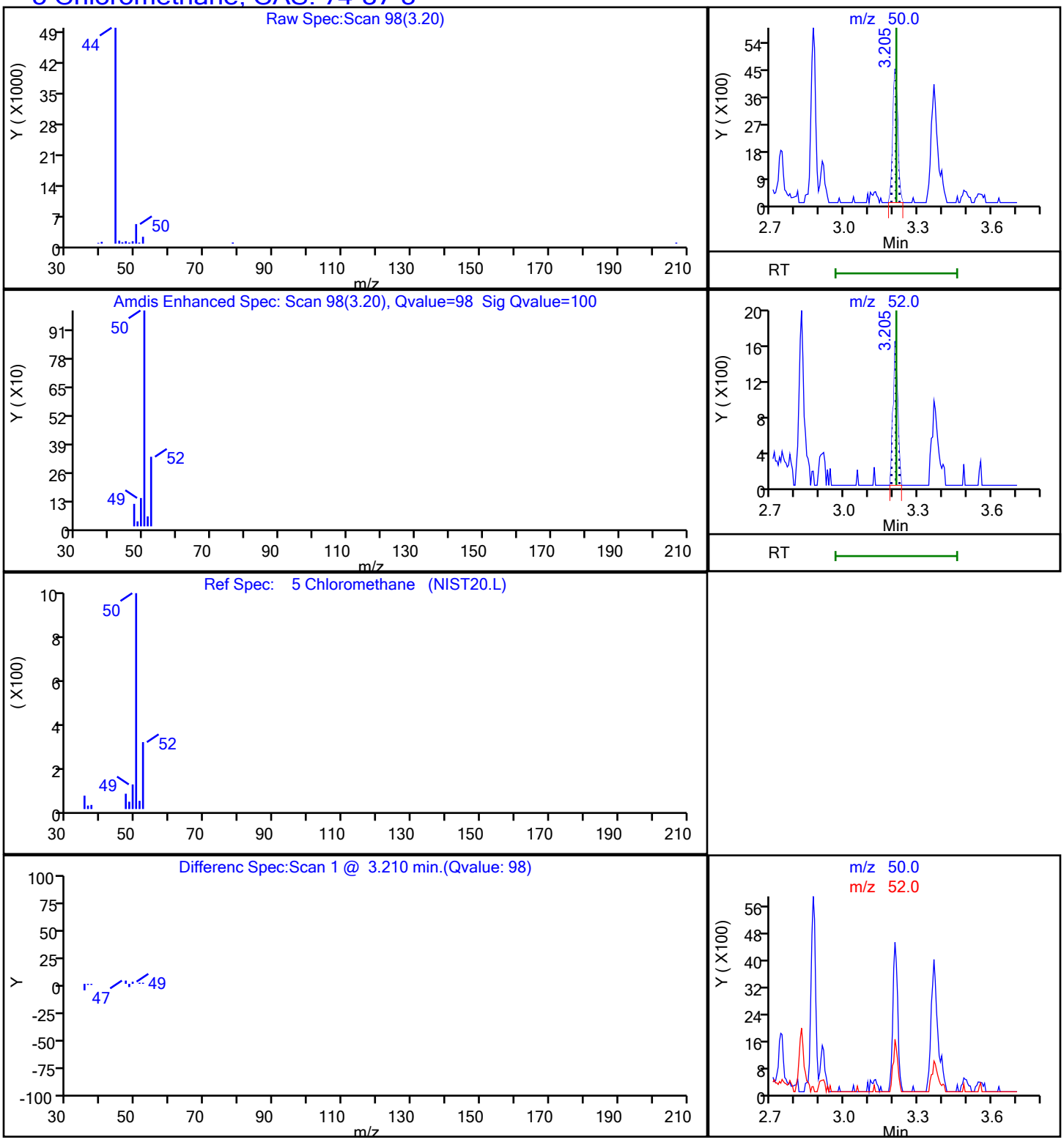
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D

Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3



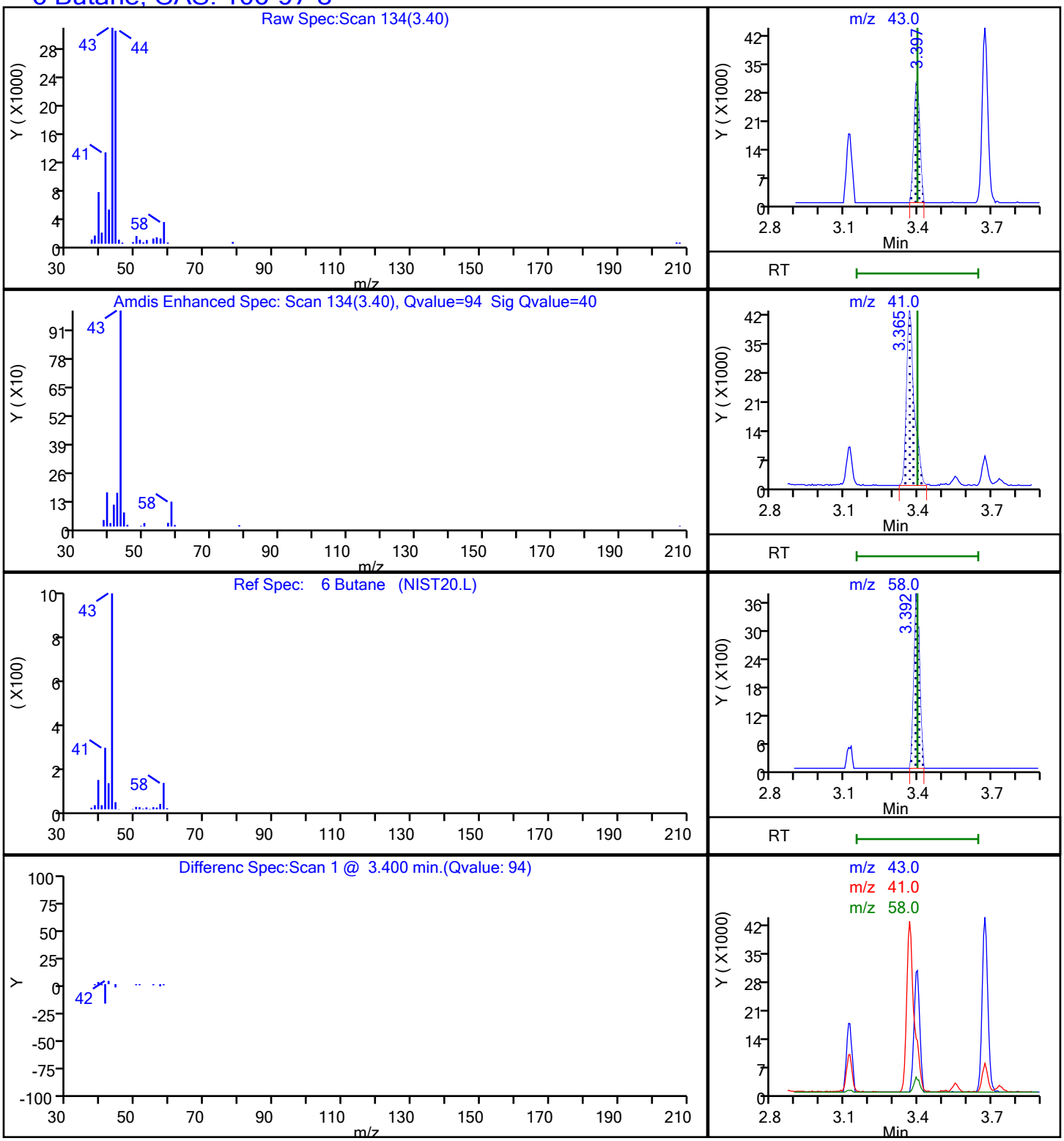
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D

Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8

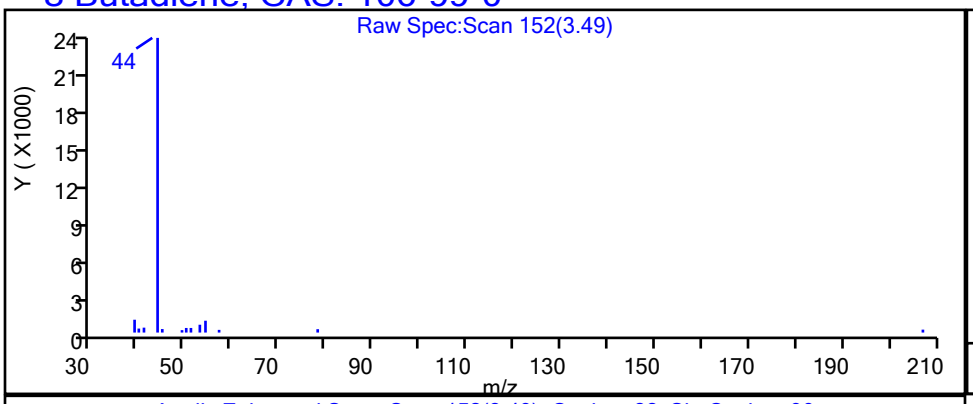


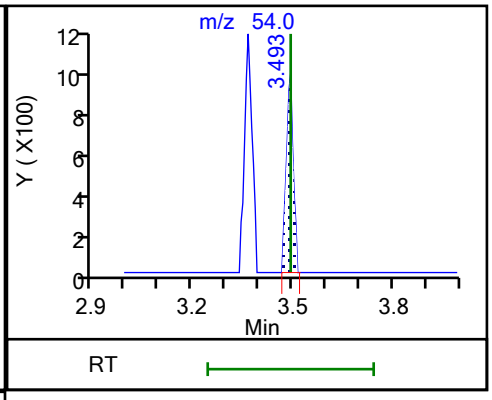
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

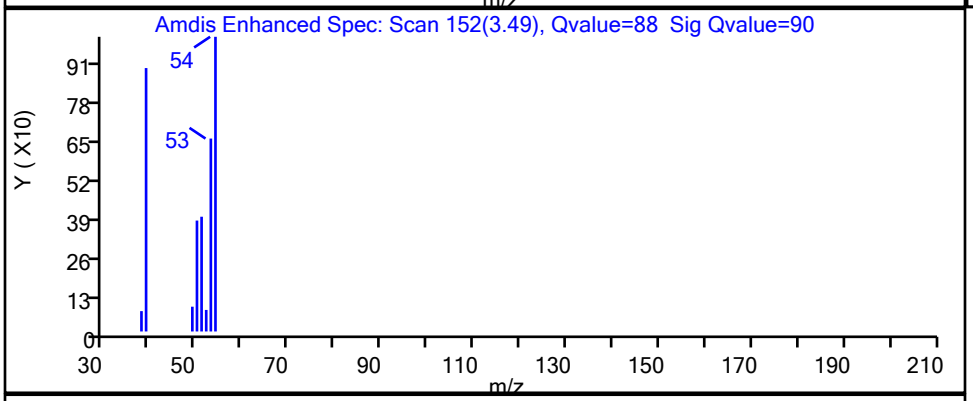
Eurofins Burlington

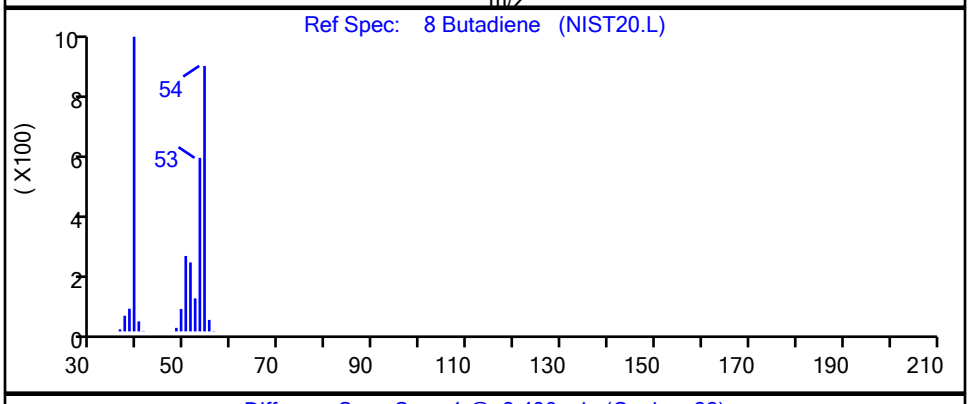
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

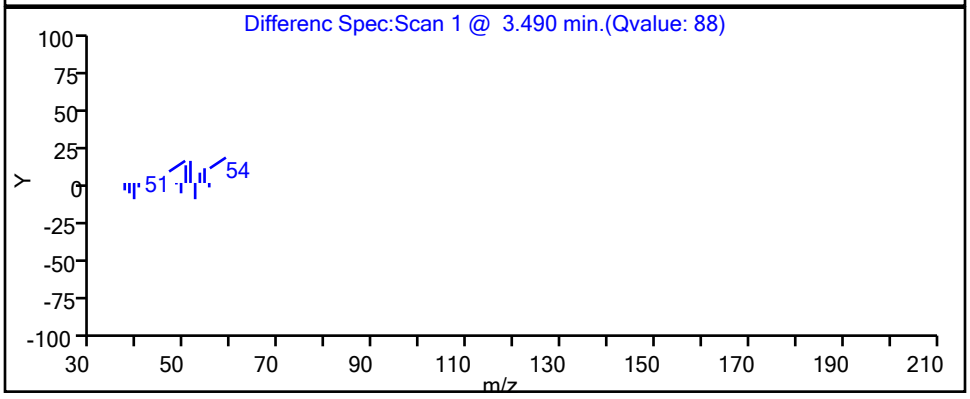
8 Butadiene, CAS: 106-99-0











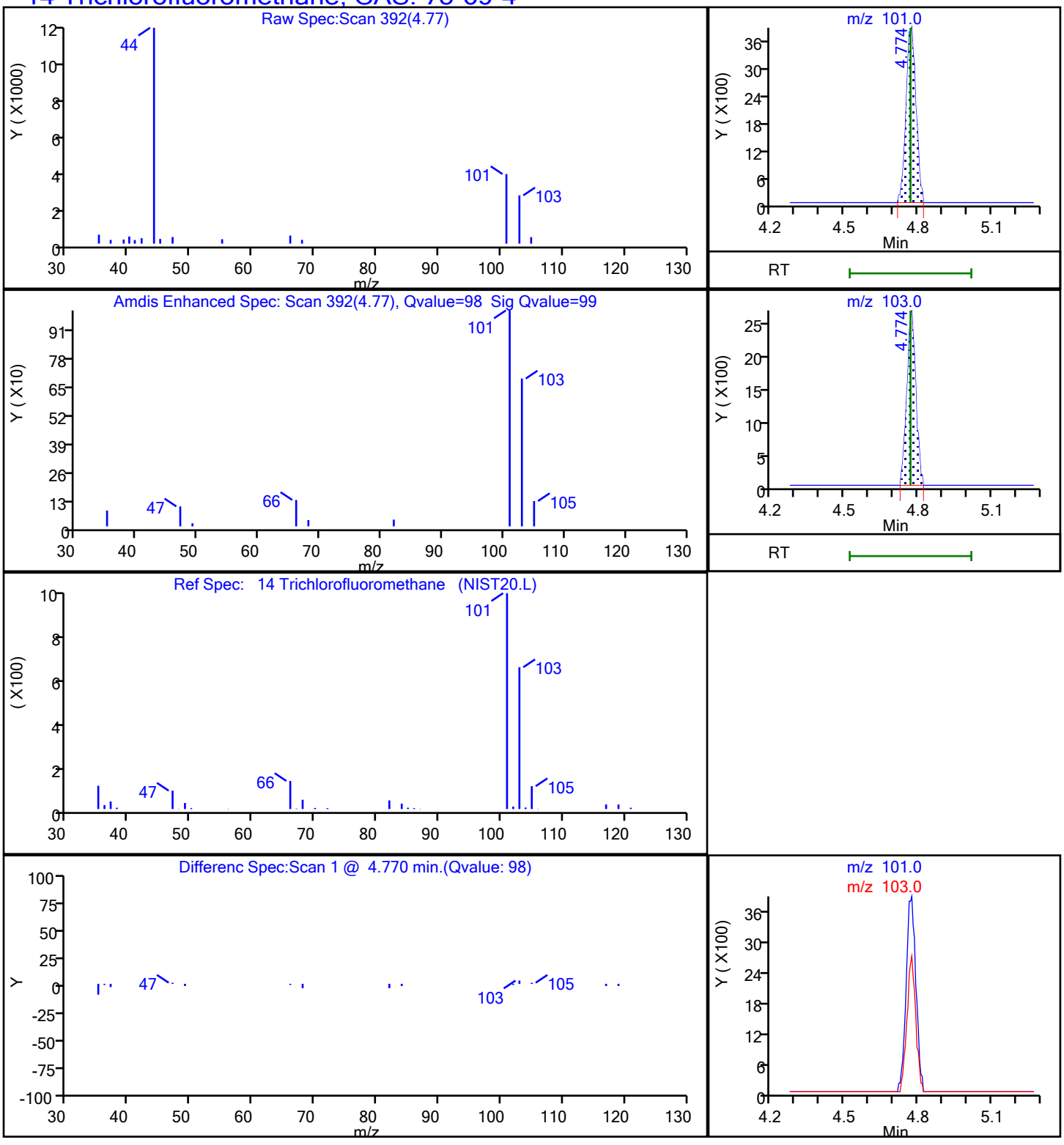
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D

Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4



Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

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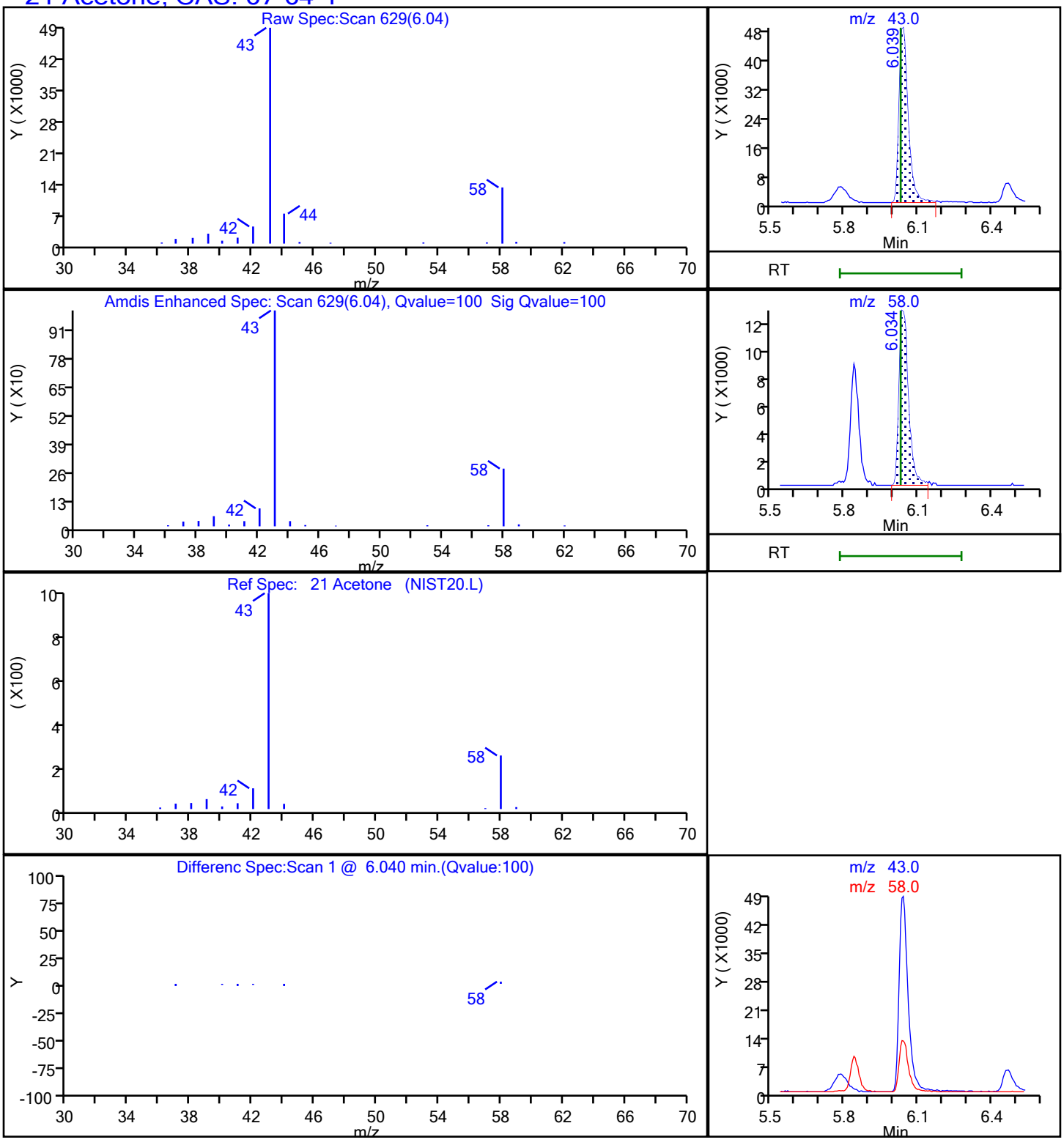
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1

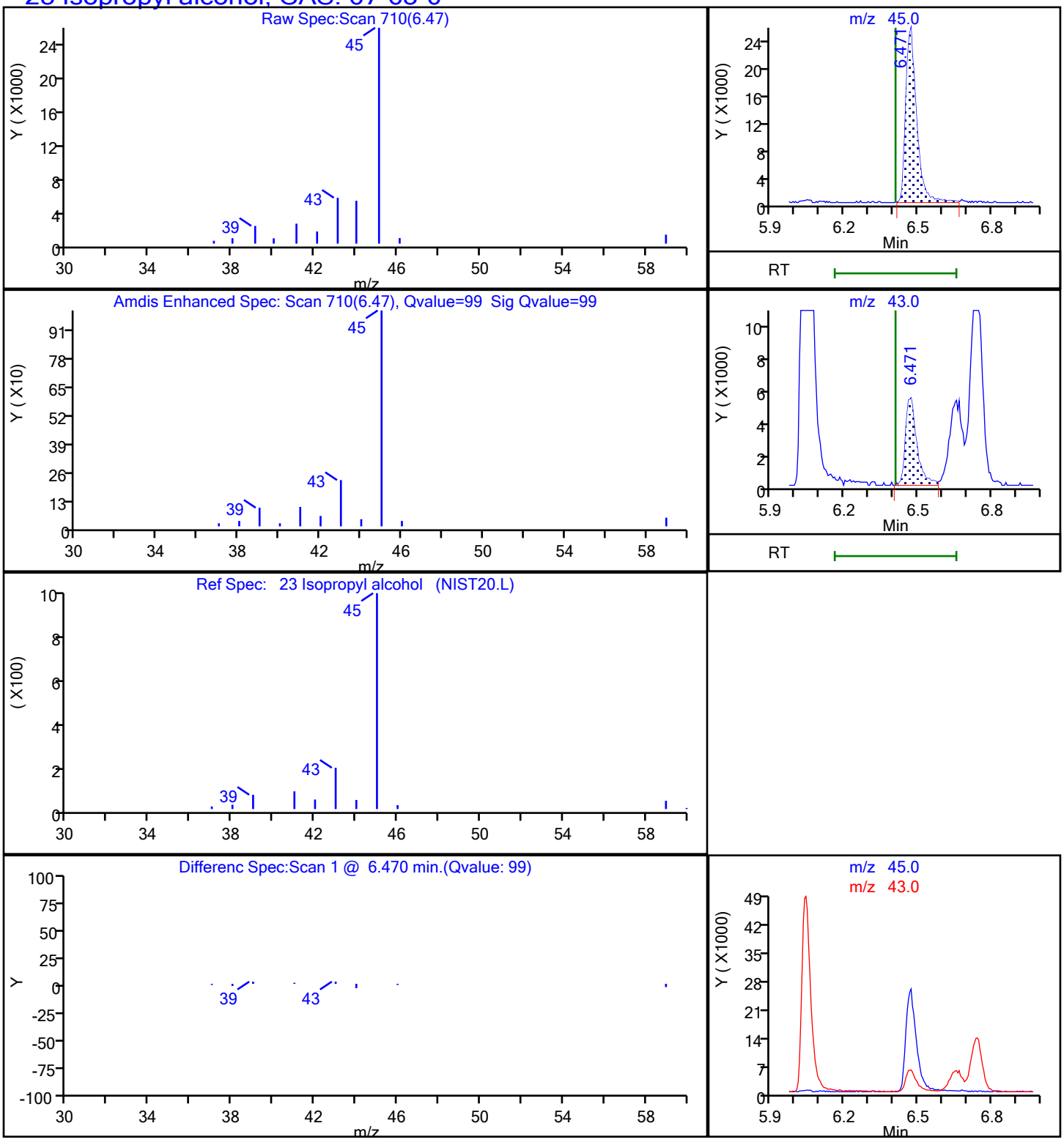


Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Isopropyl alcohol, CAS: 67-63-0



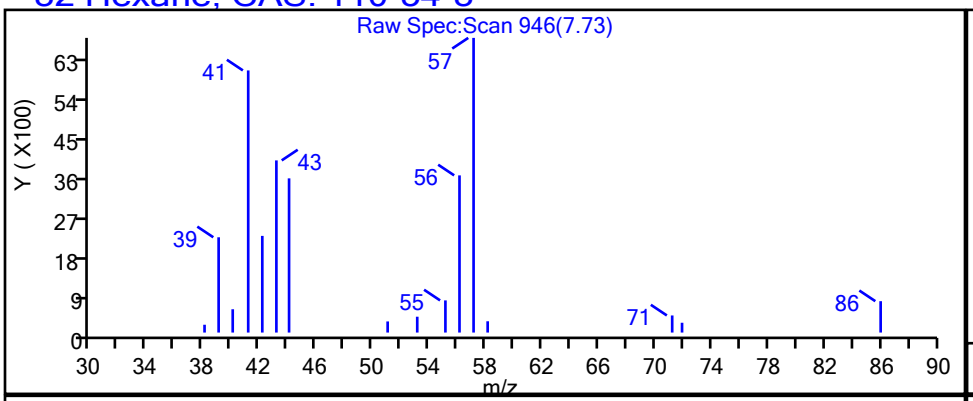
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

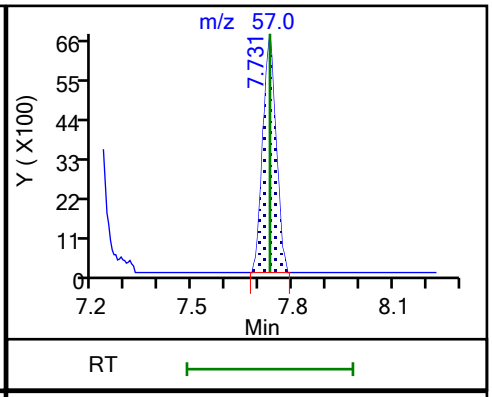
Eurofins Burlington

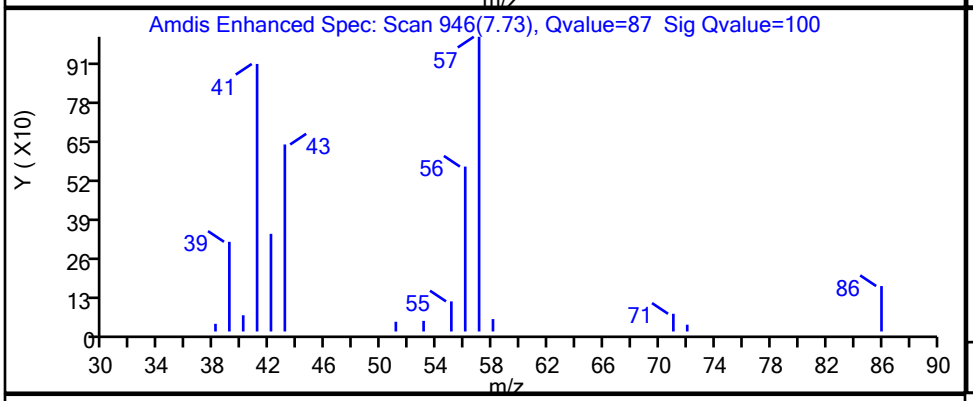
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D

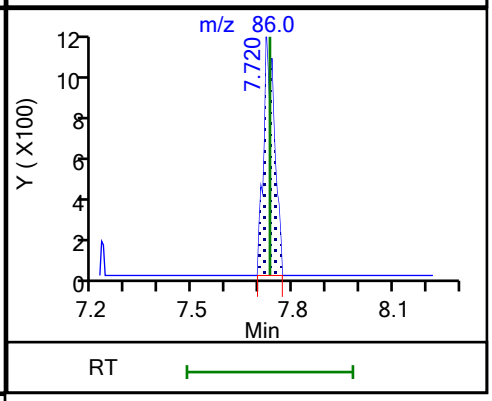
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

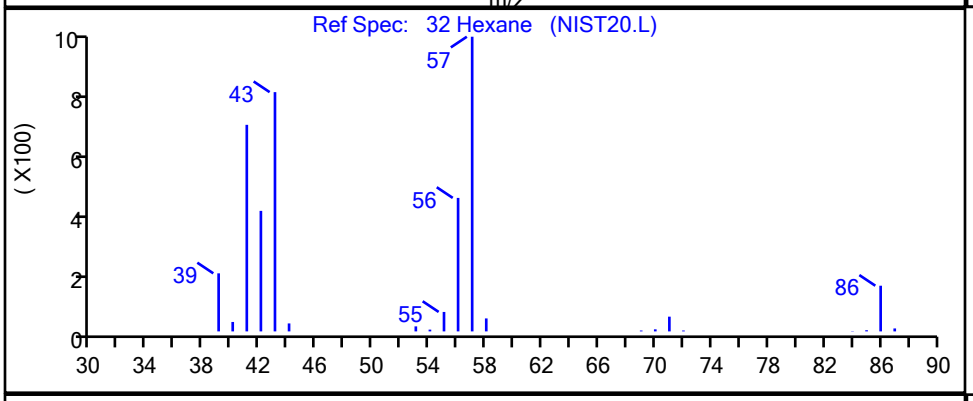
32 Hexane, CAS: 110-54-3

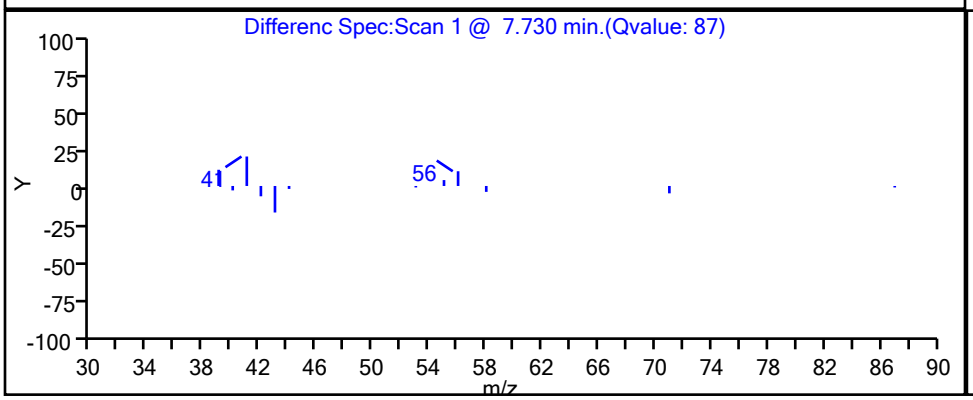


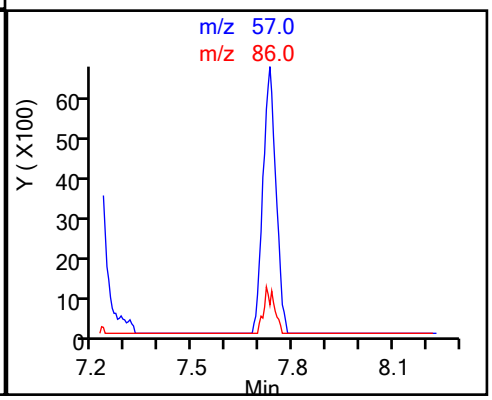










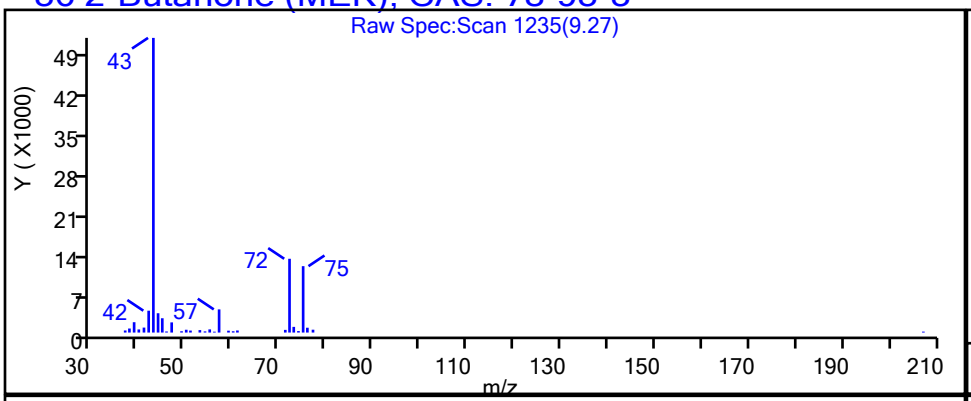


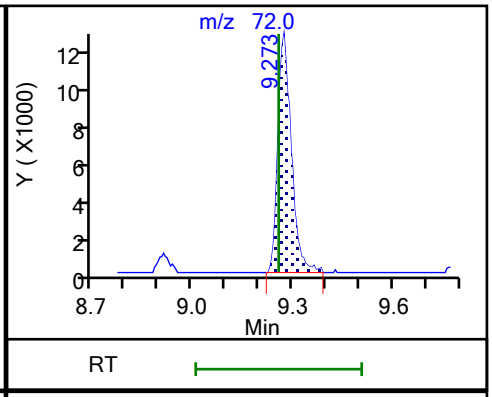
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

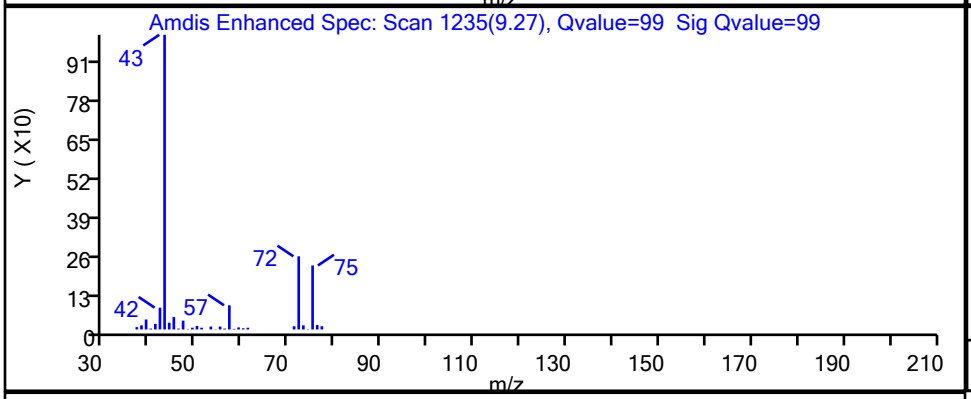
Eurofins Burlington

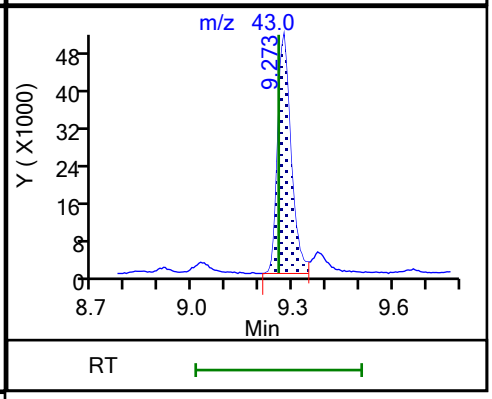
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

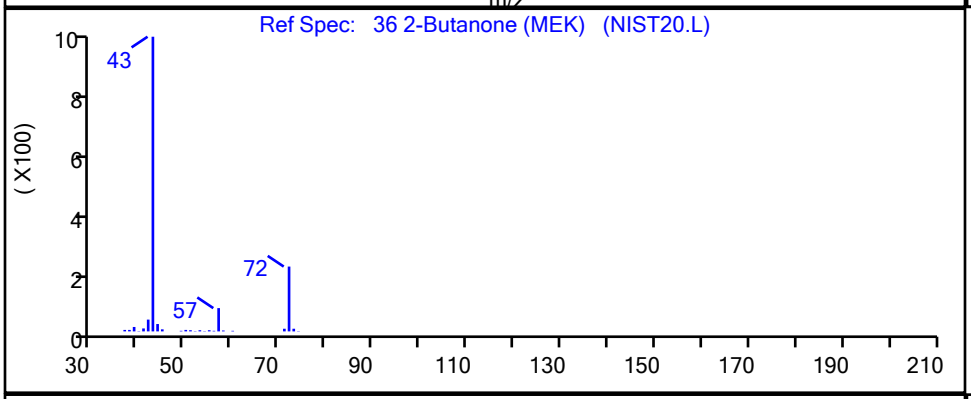
36 2-Butanone (MEK), CAS: 78-93-3

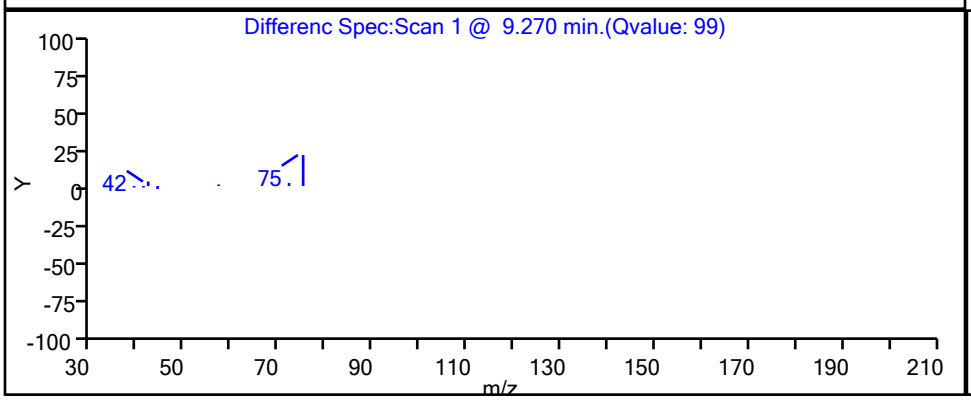


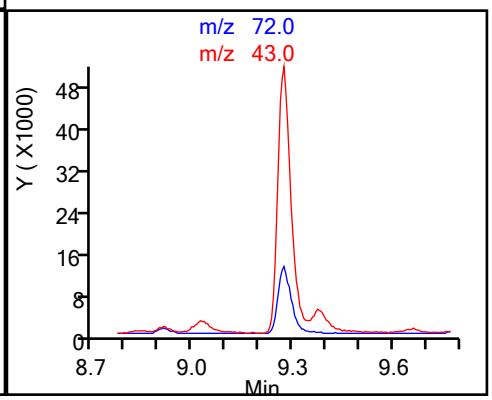










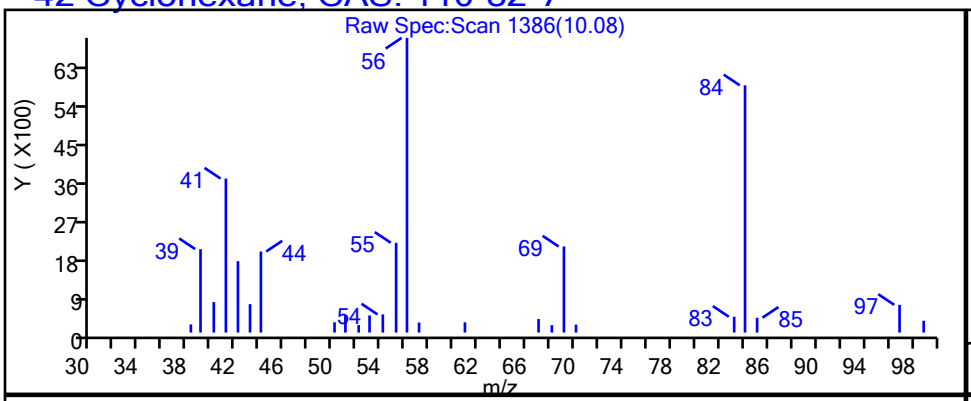


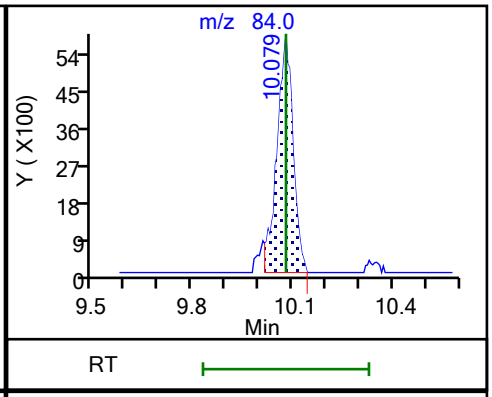
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

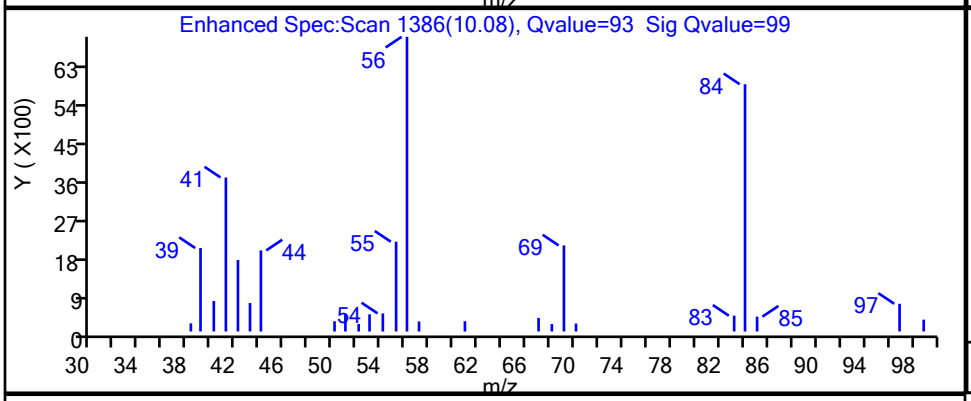
Eurofins Burlington

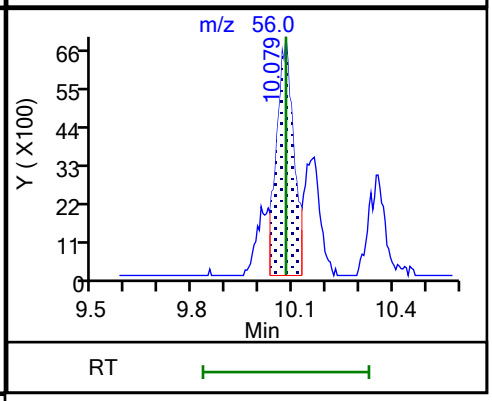
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

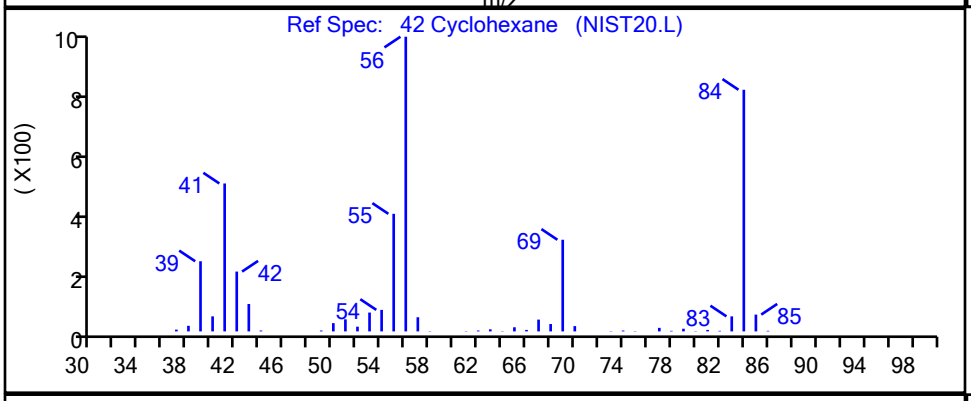
42 Cyclohexane, CAS: 110-82-7

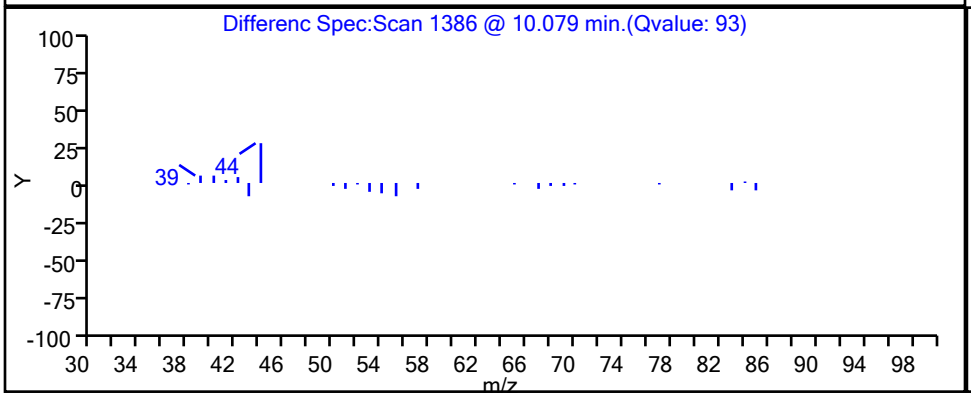


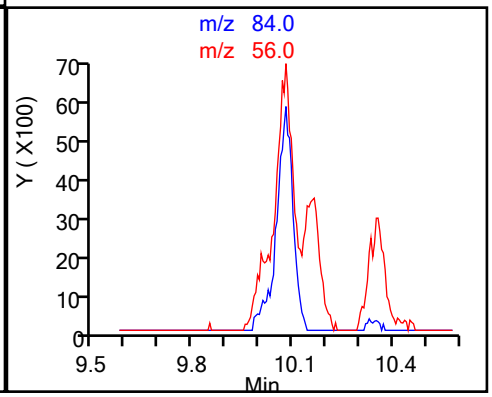










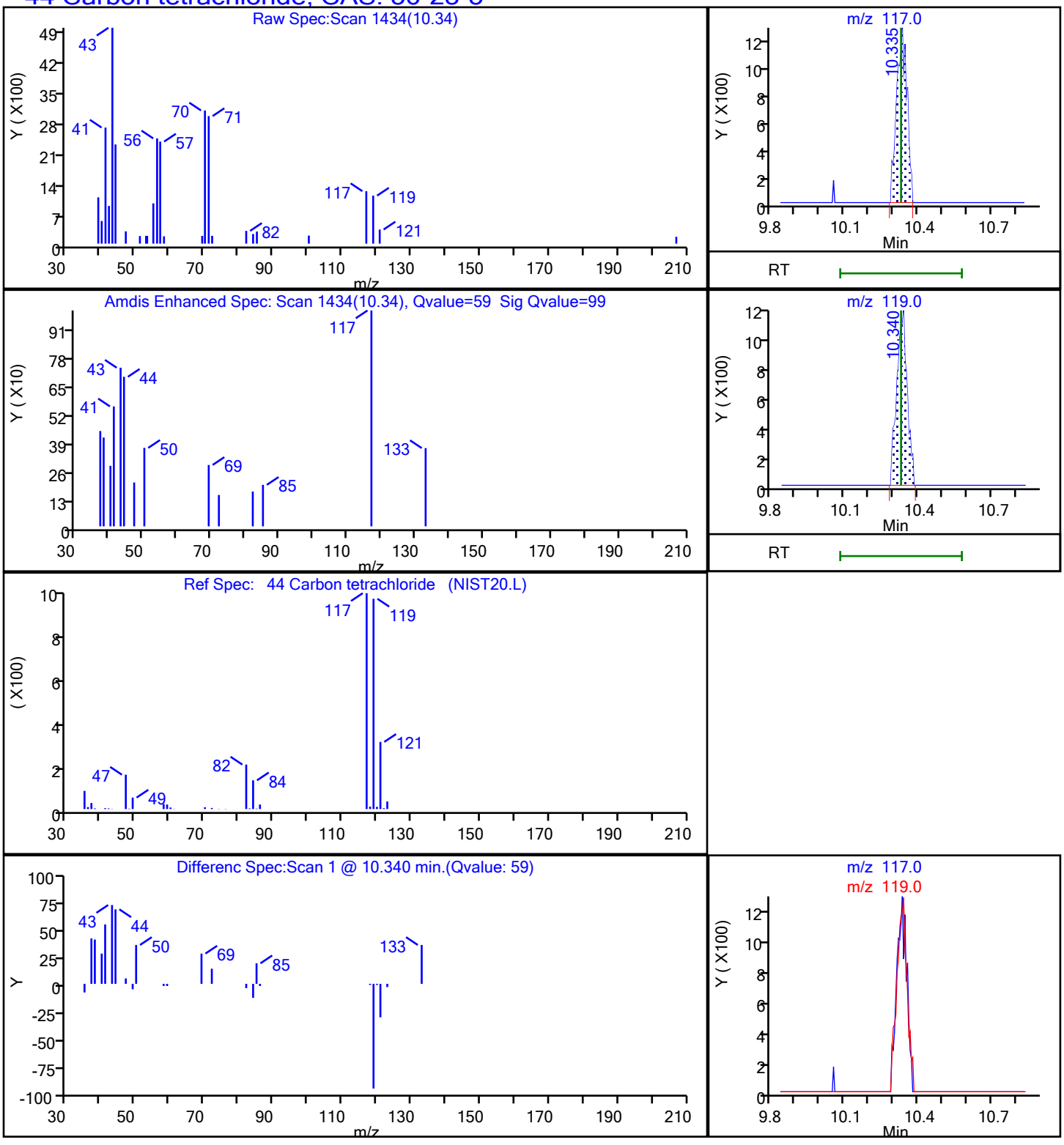


Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 Carbon tetrachloride, CAS: 56-23-5



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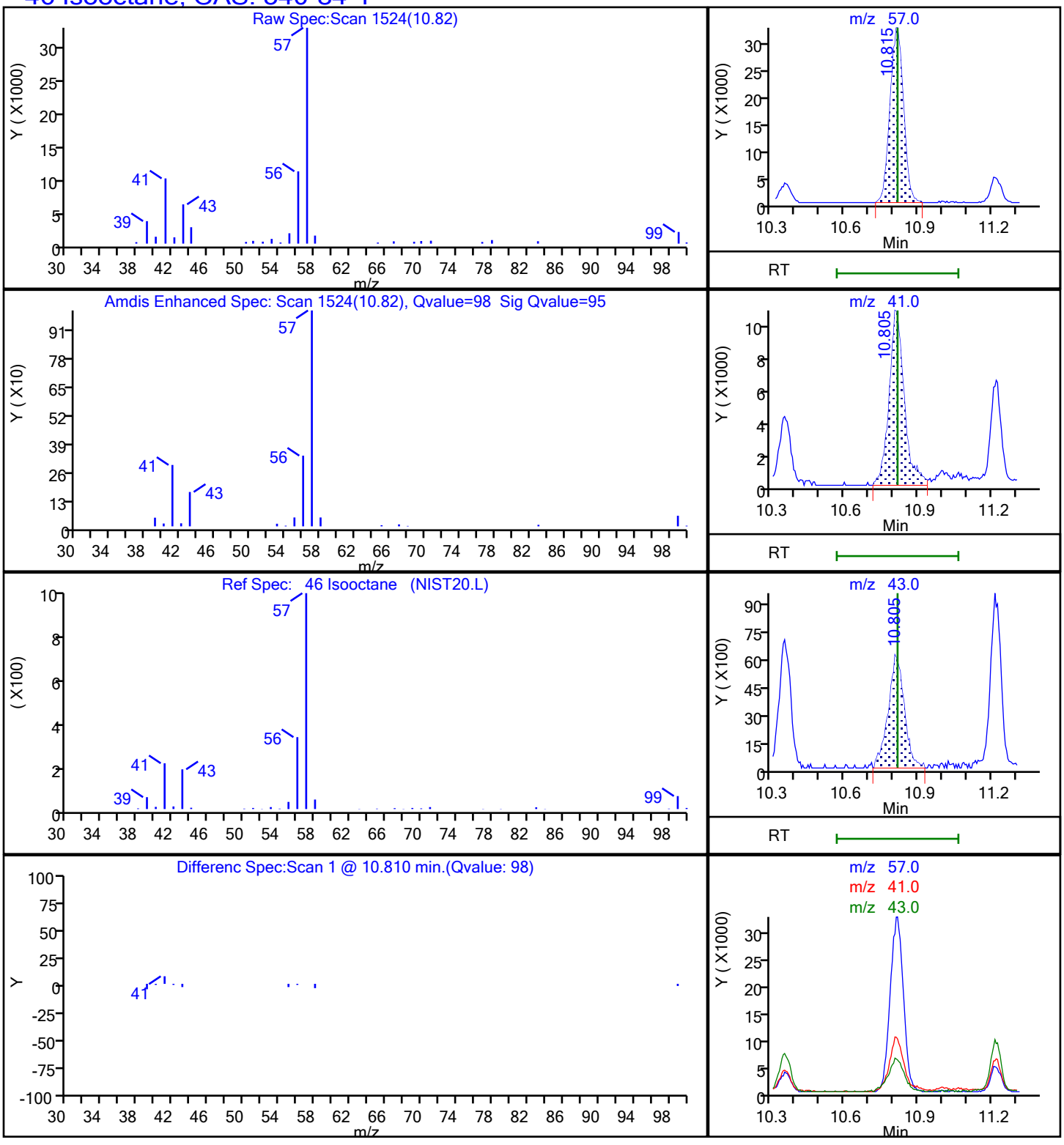
Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1

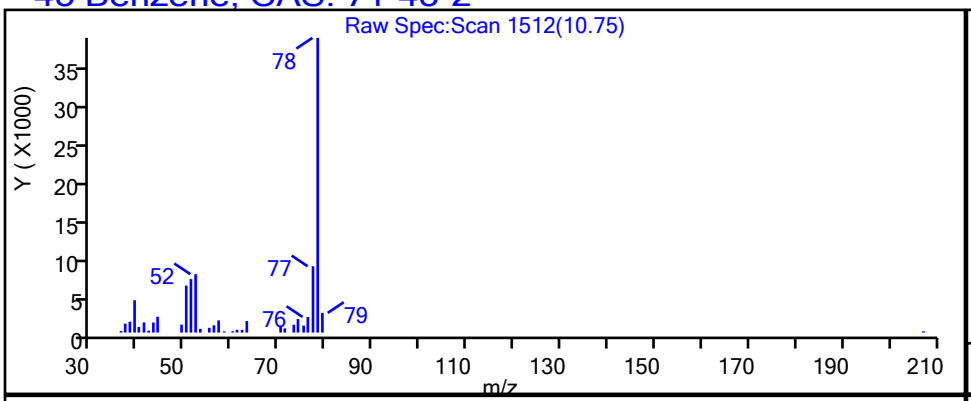


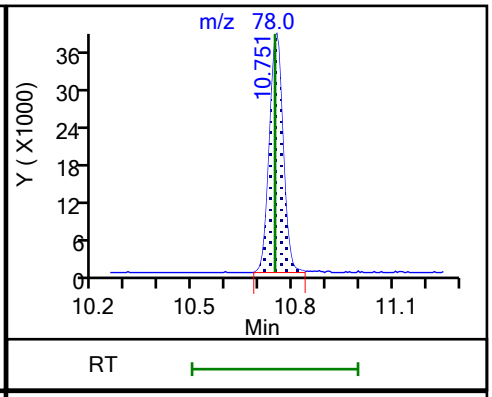
Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

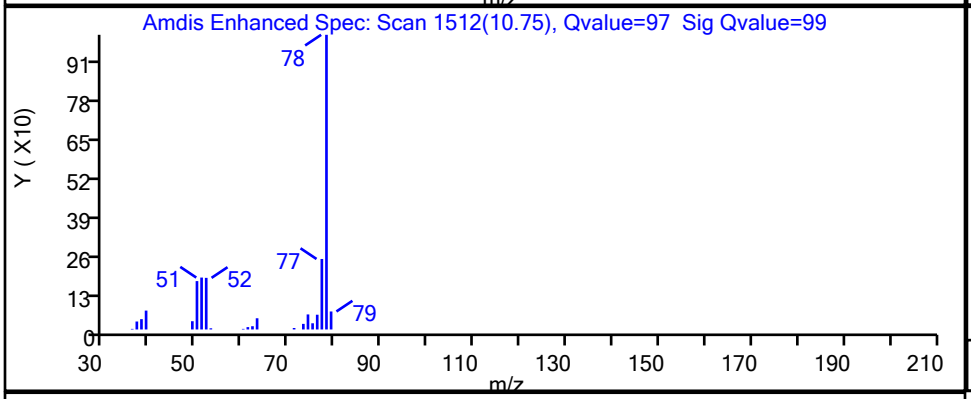
Eurofins Burlington

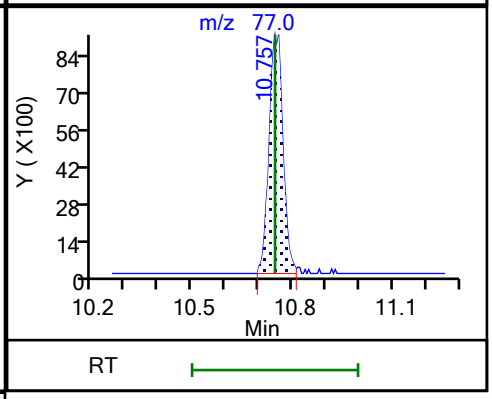
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

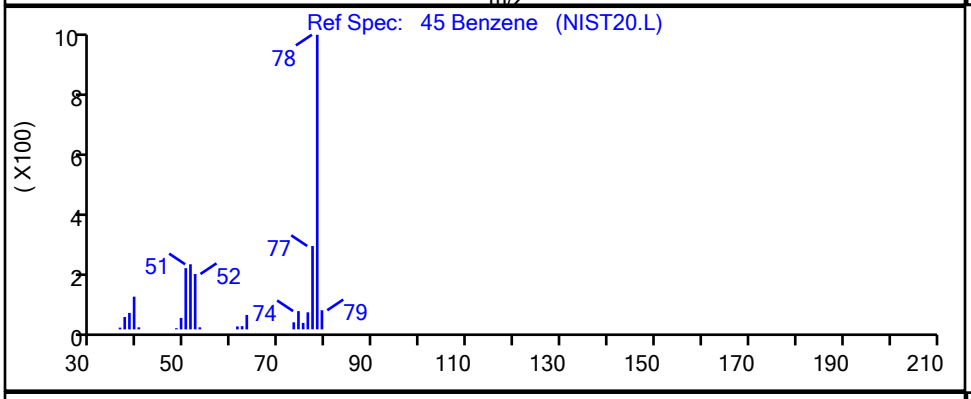
45 Benzene, CAS: 71-43-2

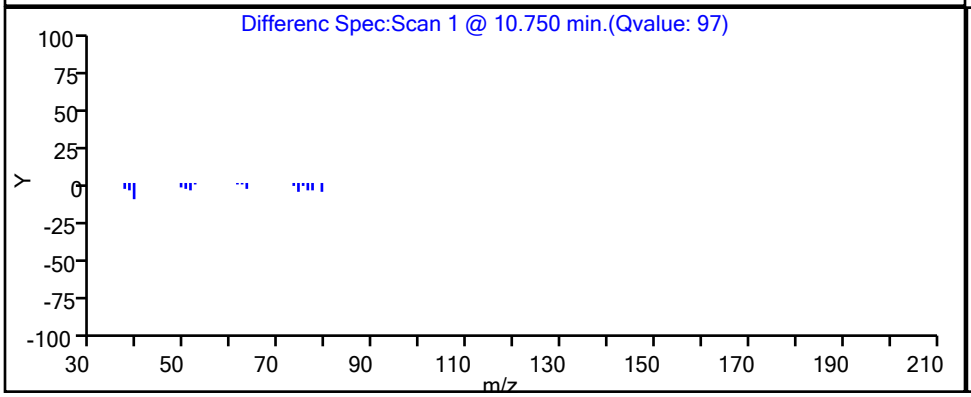


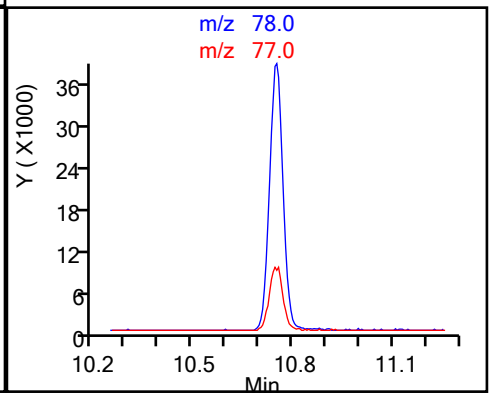










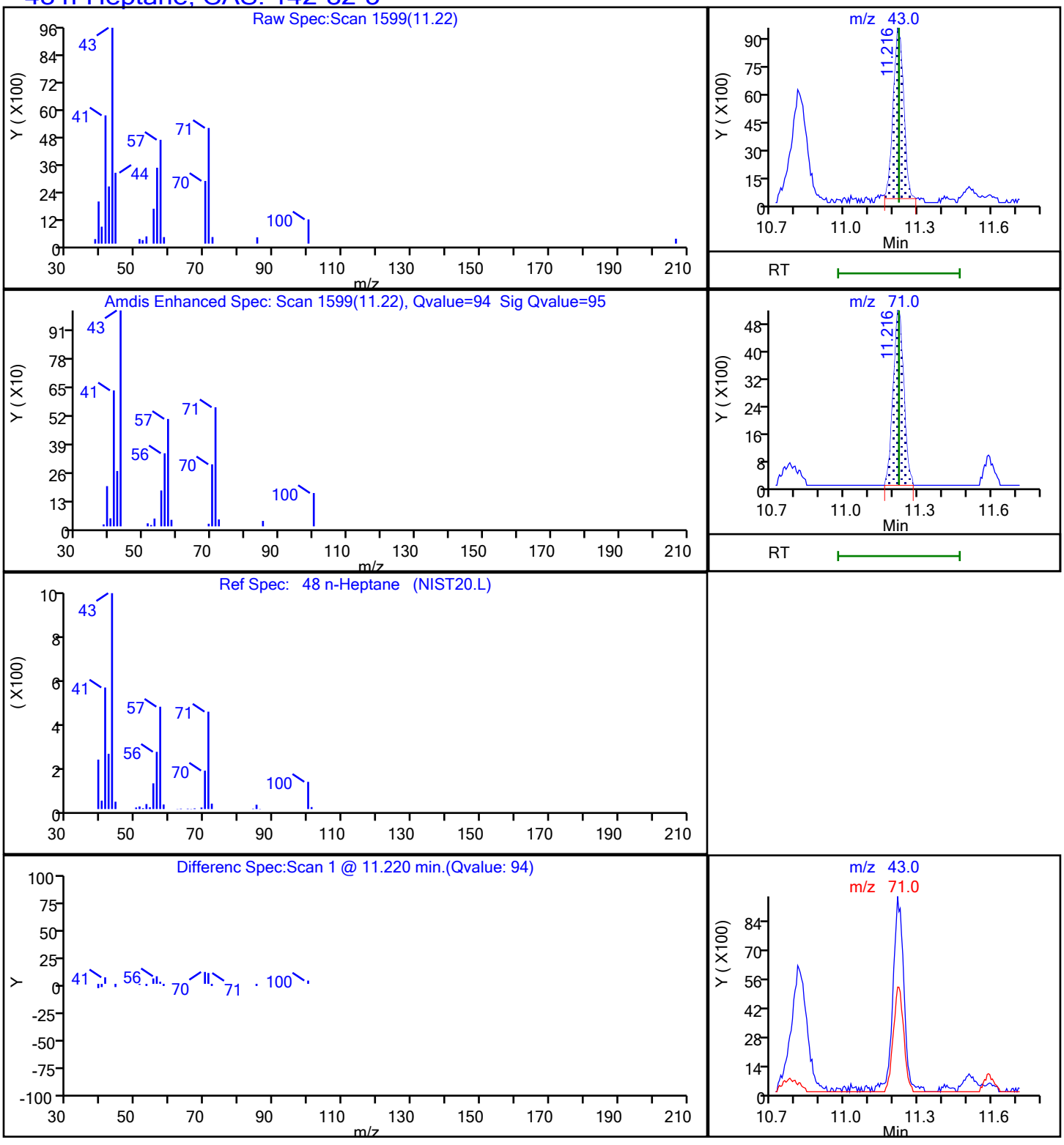


Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



Report Date: 26-May-2022 10:56:06 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

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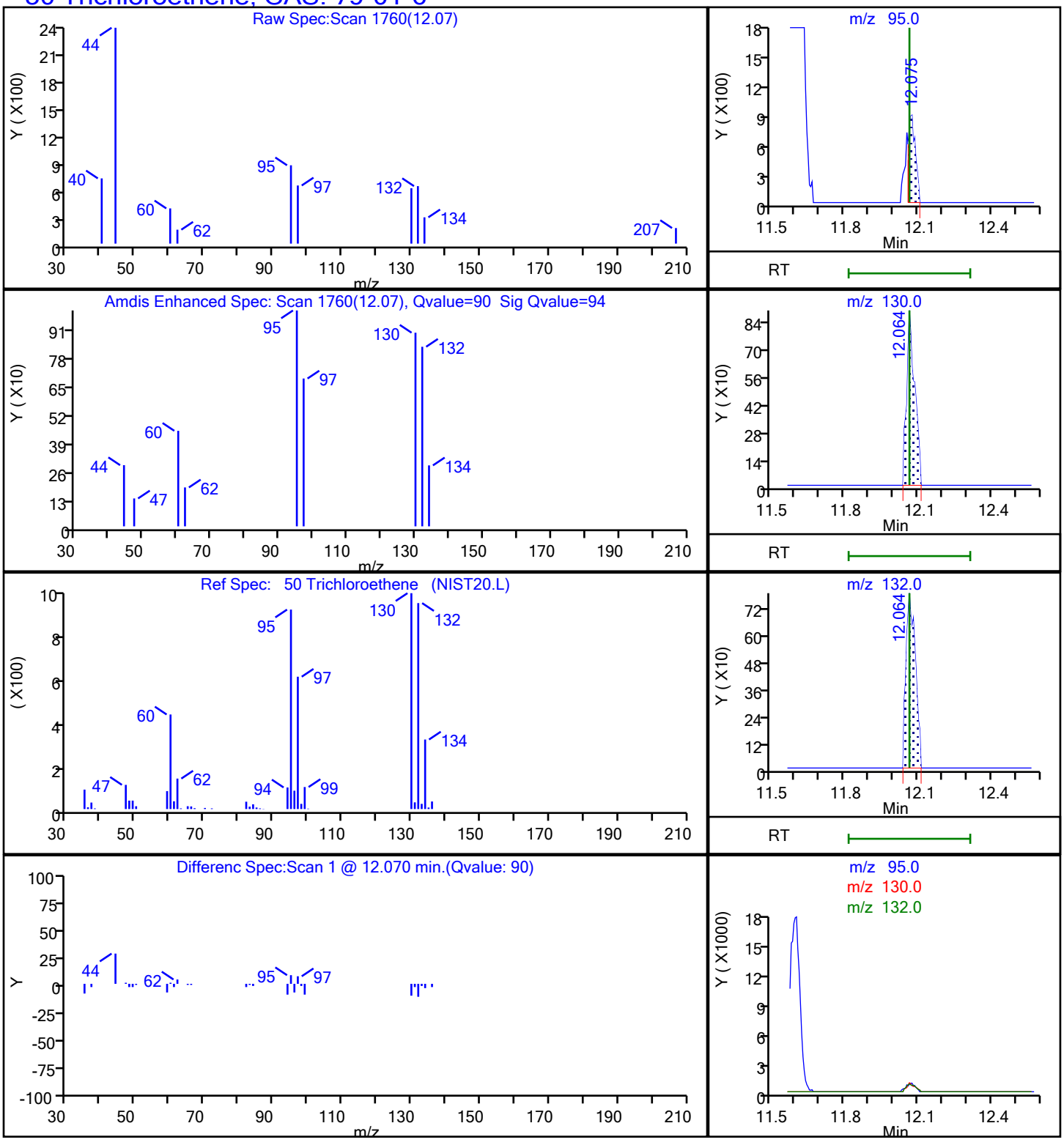
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6



Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

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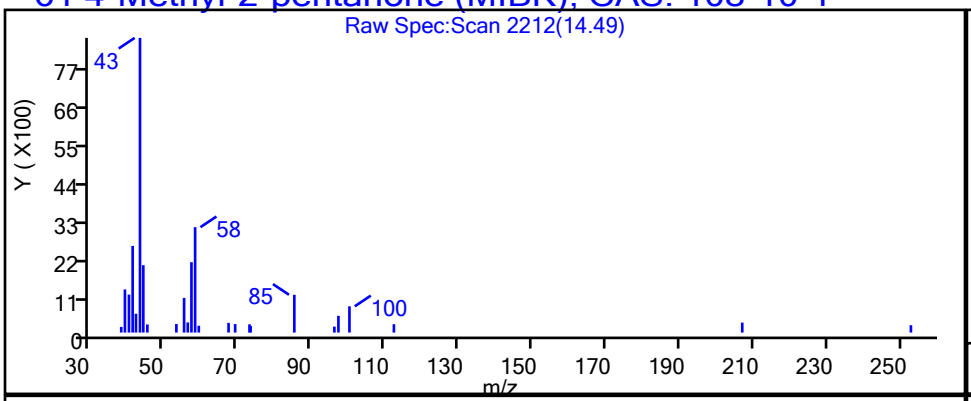
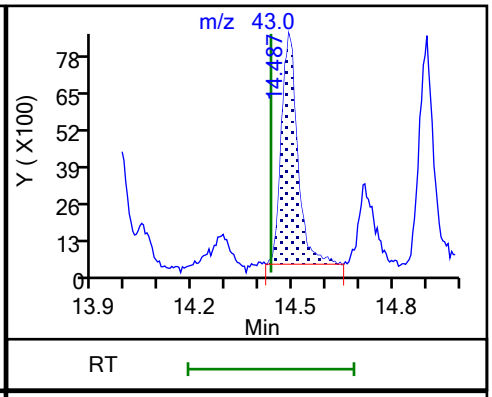
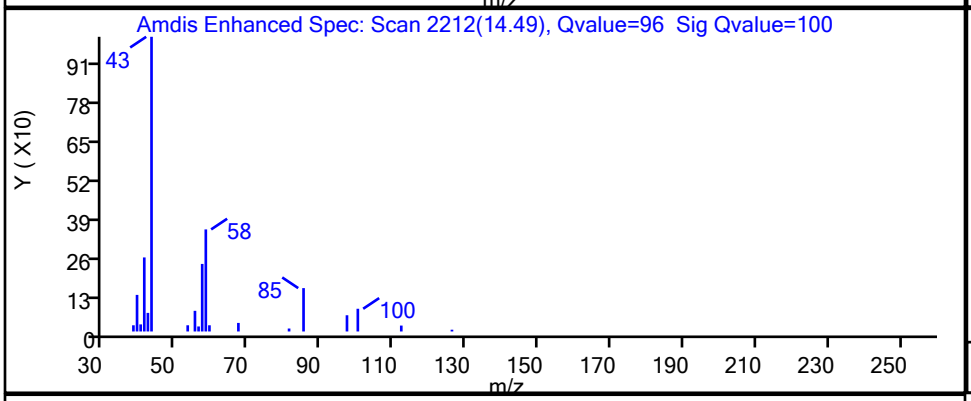
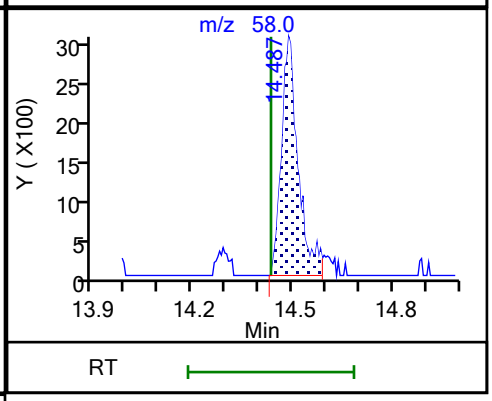
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

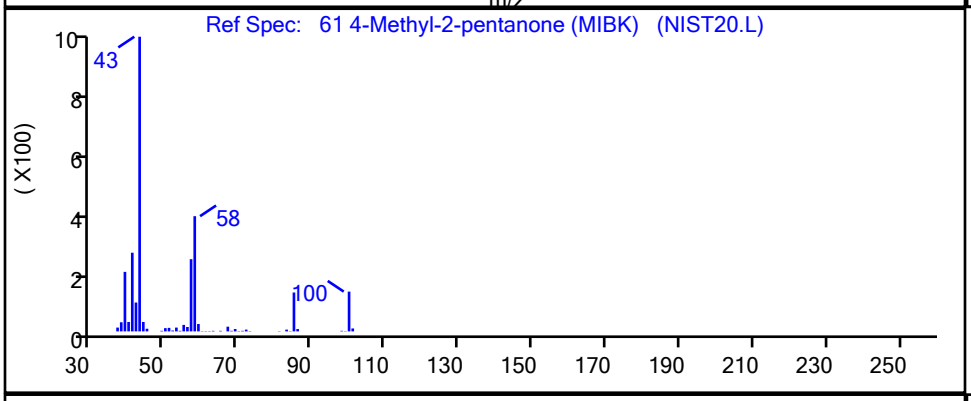
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

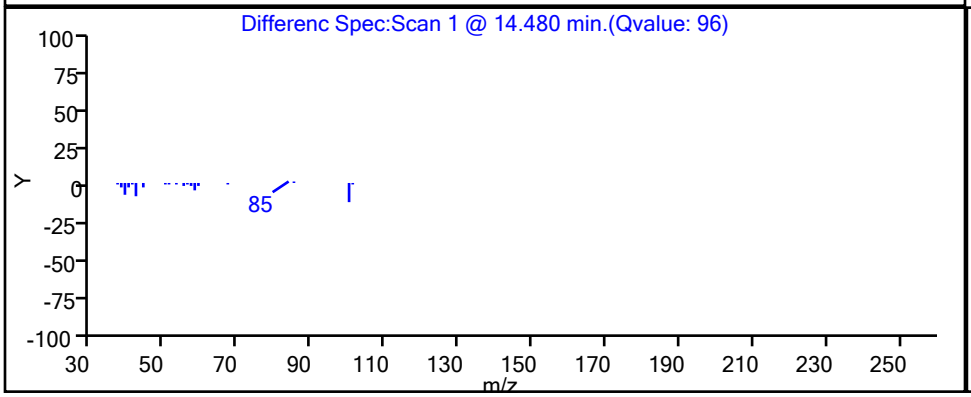


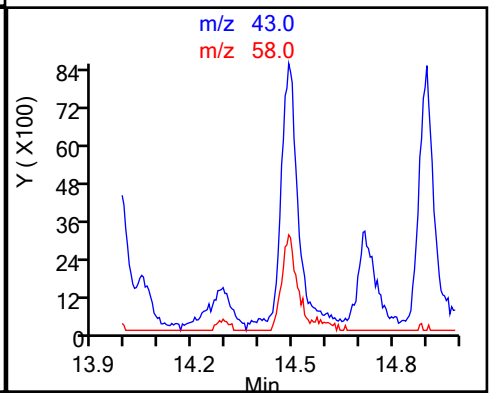












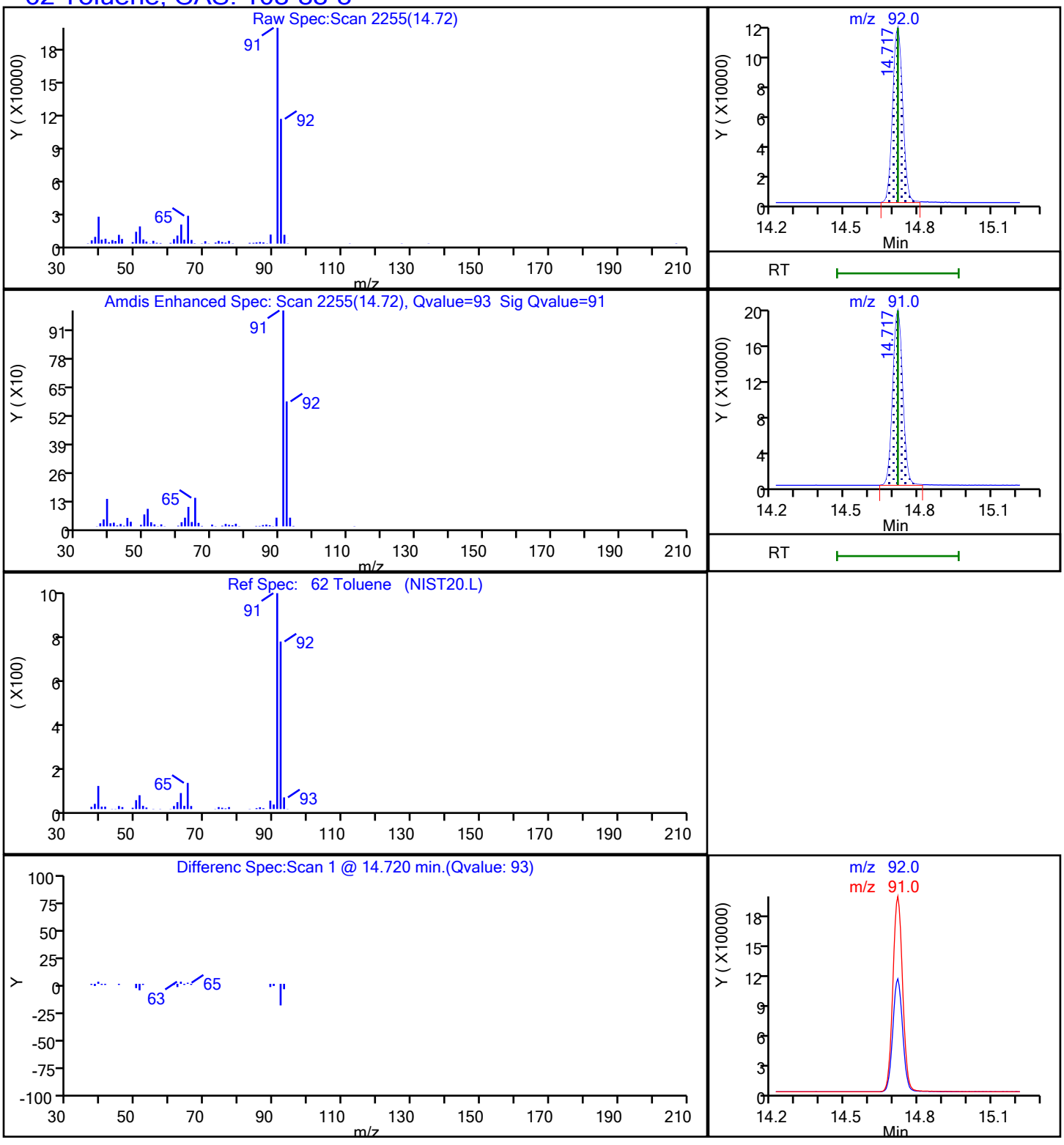
Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D

Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Toluene, CAS: 108-88-3



Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

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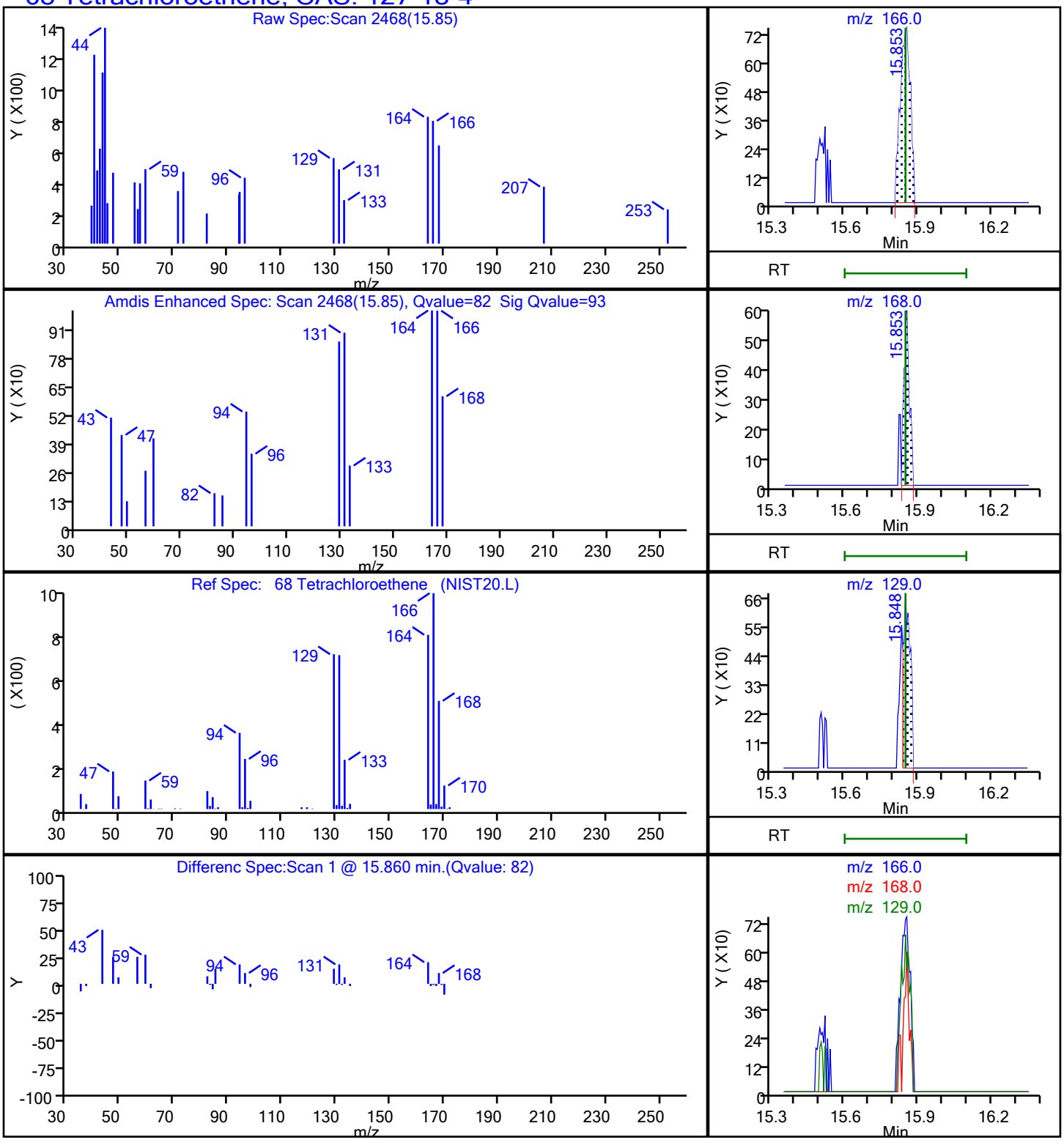
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4

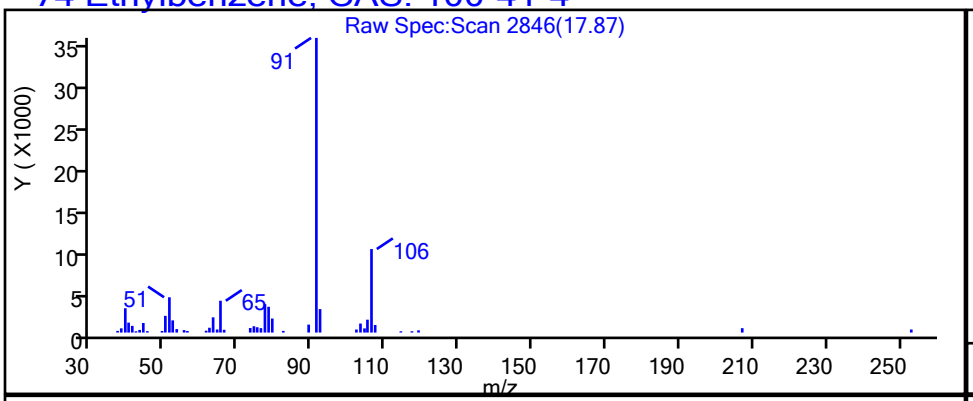


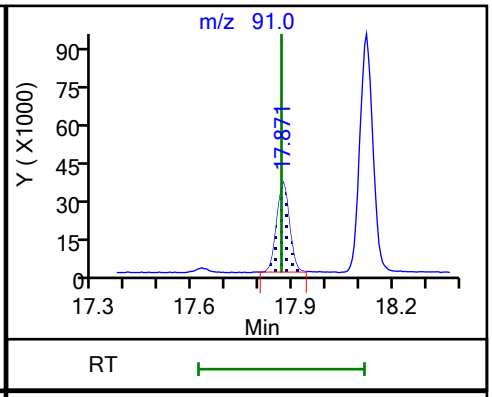
Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

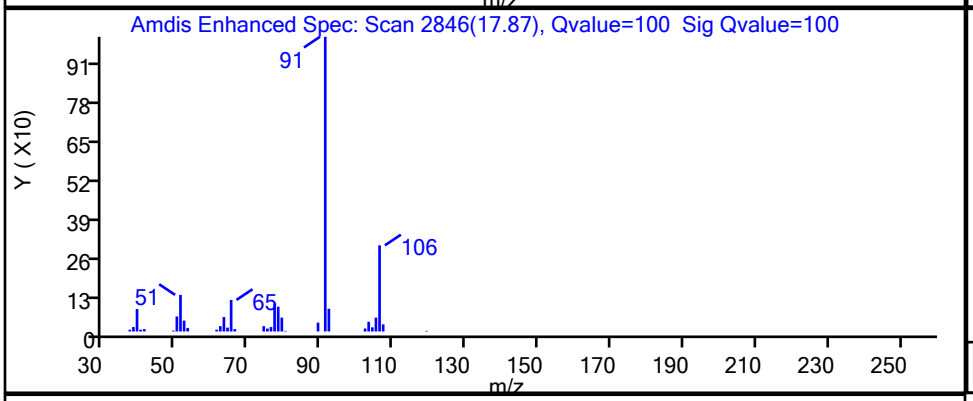
Eurofins Burlington

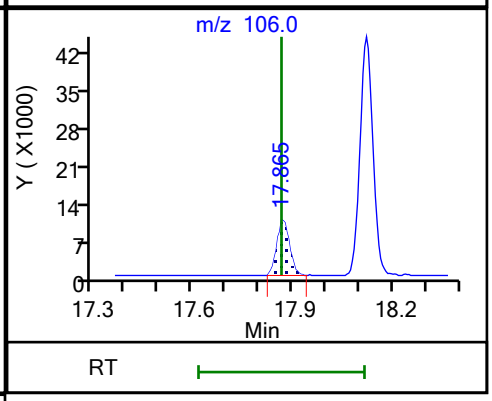
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

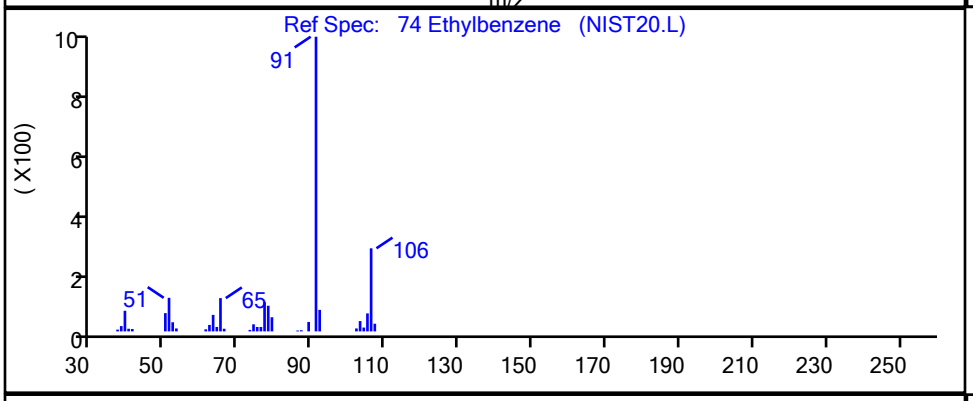
74 Ethylbenzene, CAS: 100-41-4

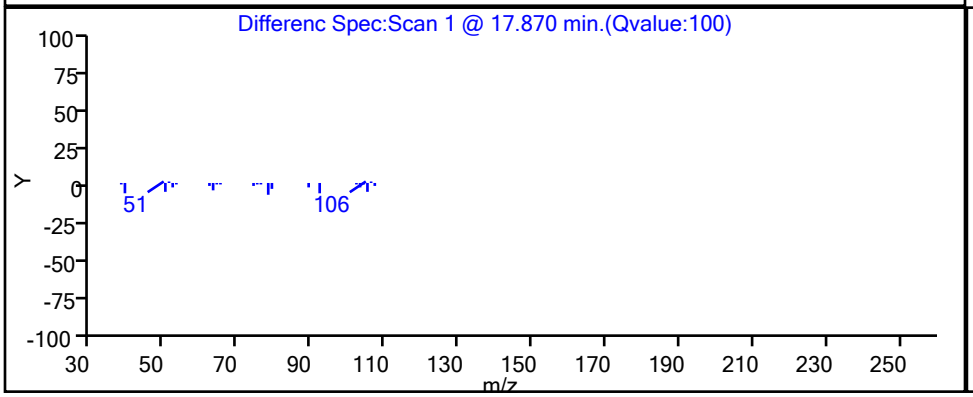


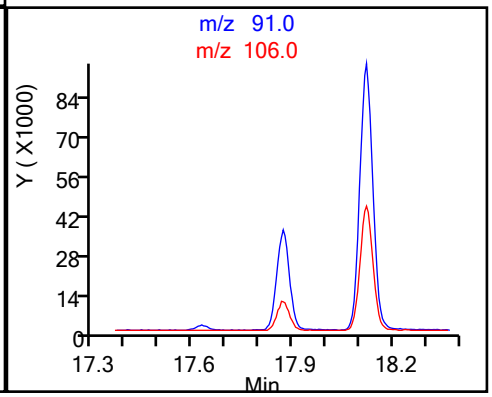










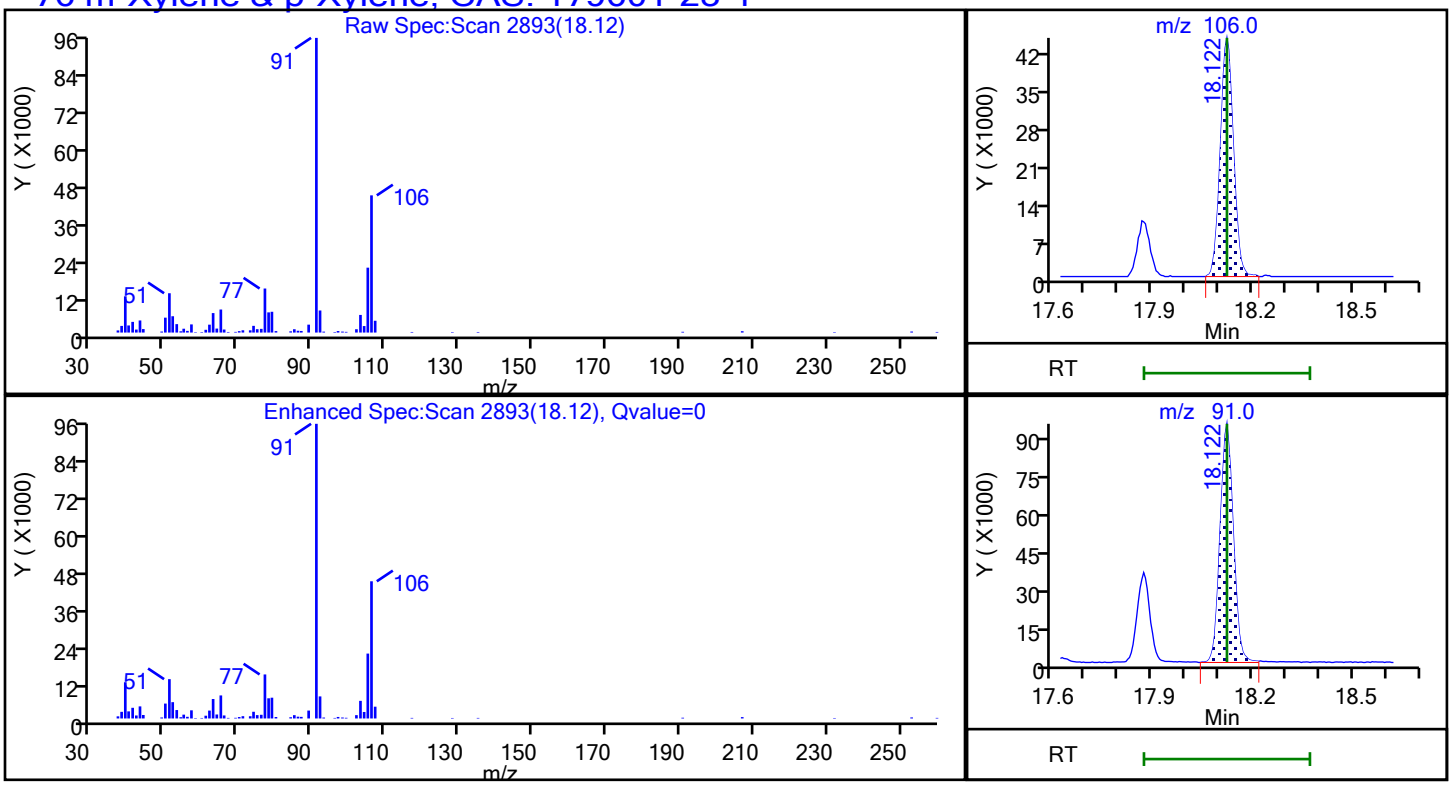


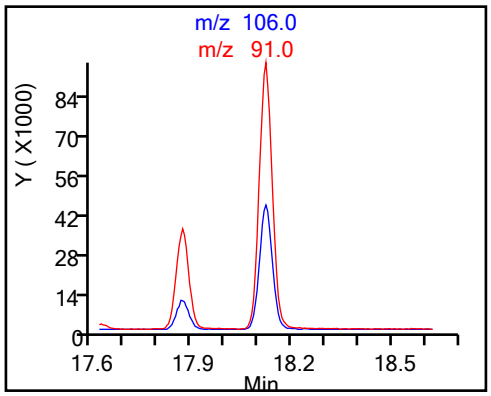
Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1





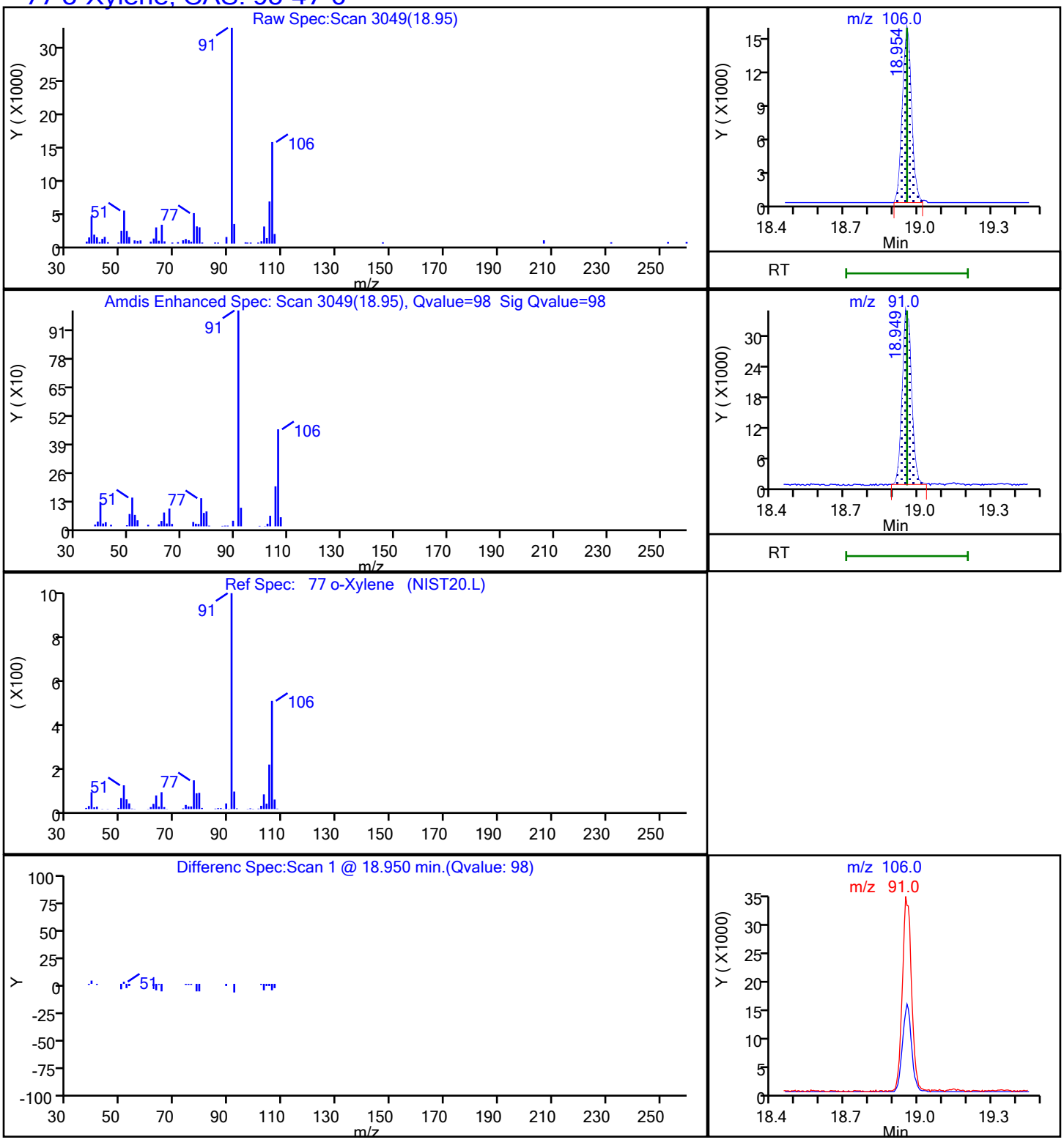
Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D

Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

77 o-Xylene, CAS: 95-47-6



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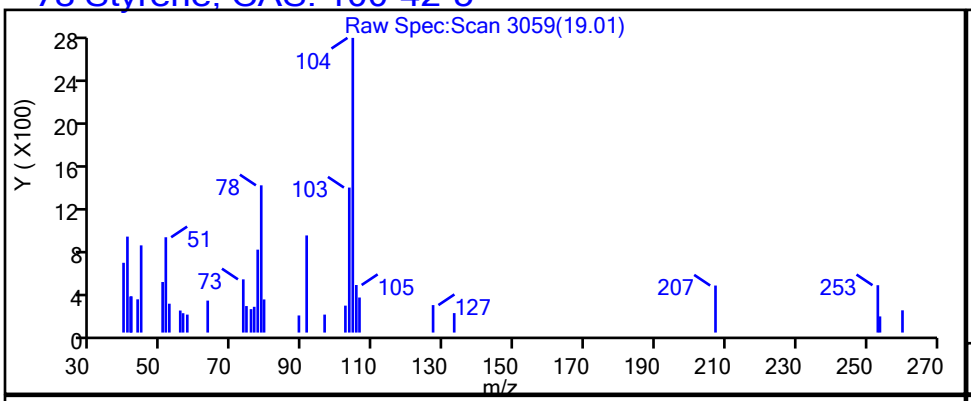
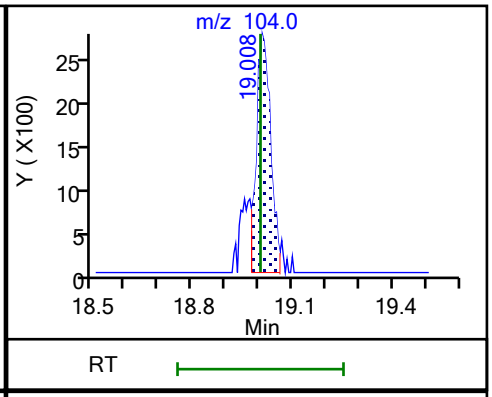
Eurofins Burlington

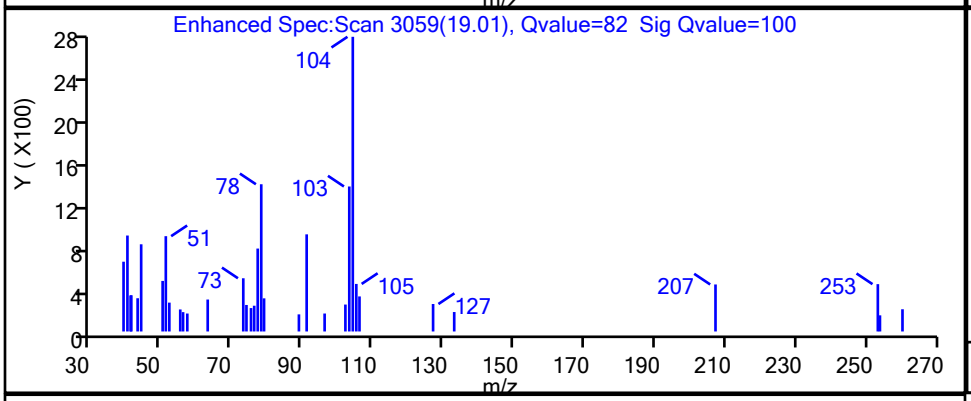
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D

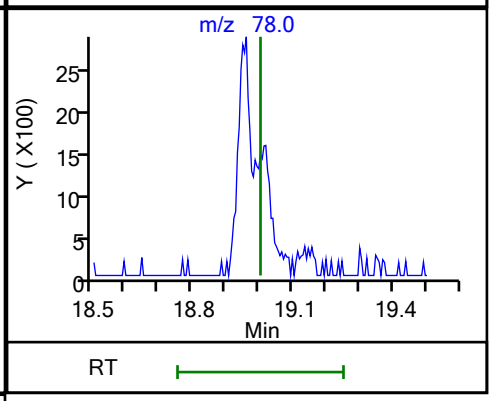
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

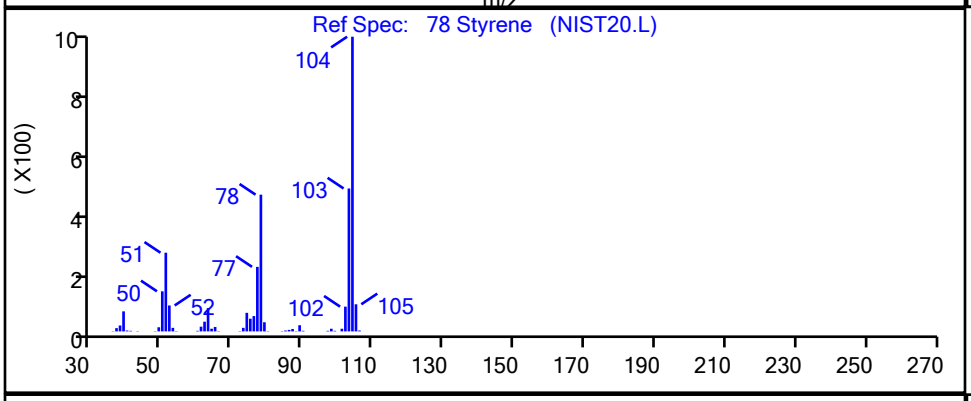
78 Styrene, CAS: 100-42-5

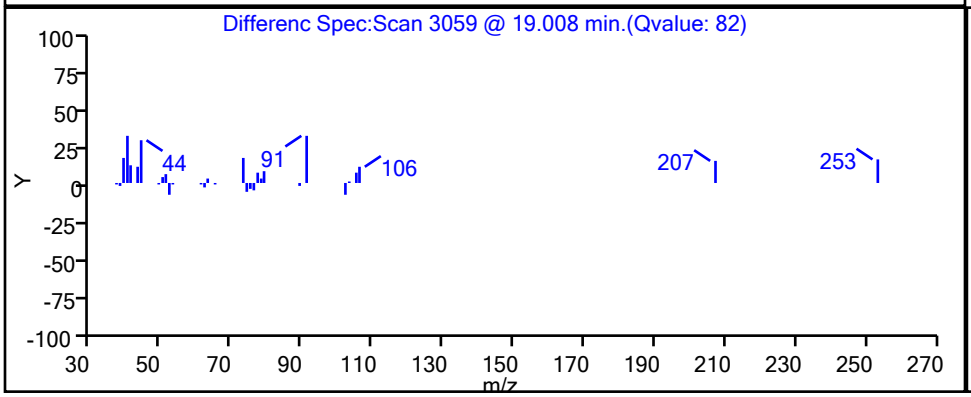


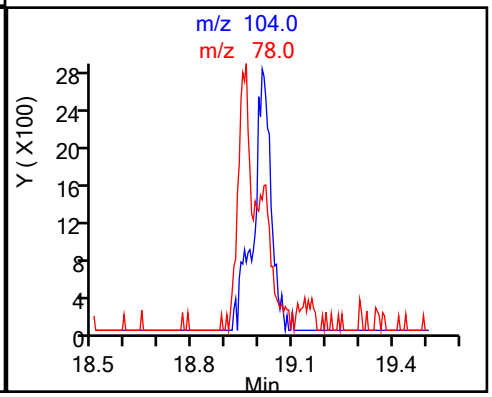










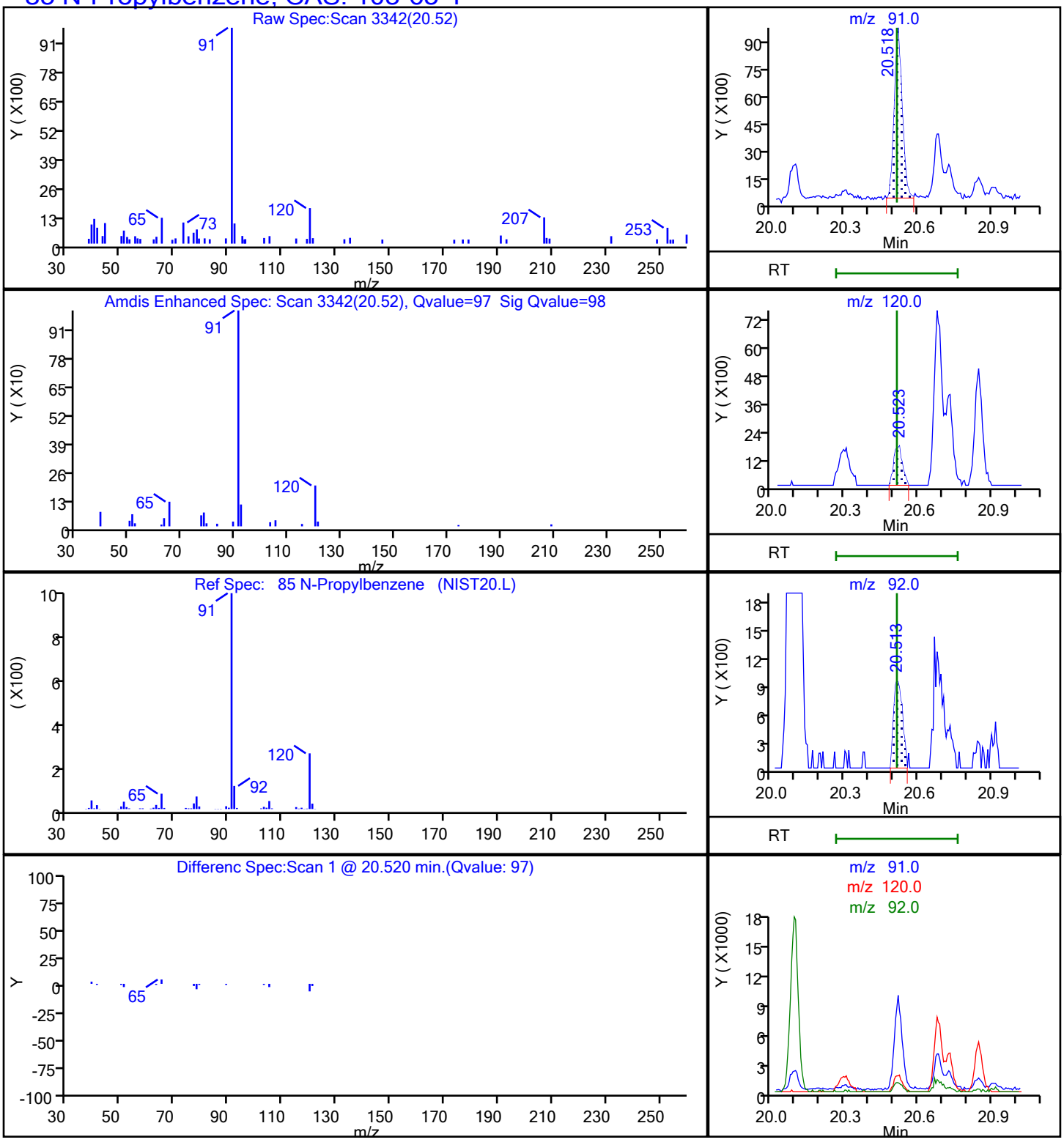


Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

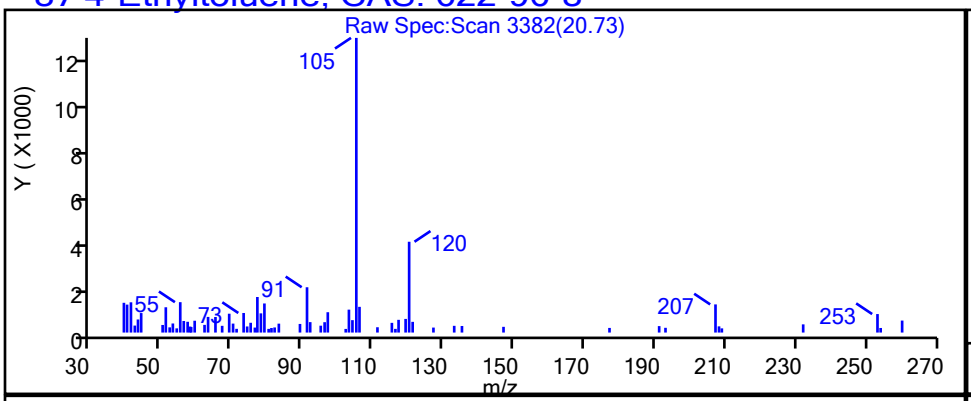


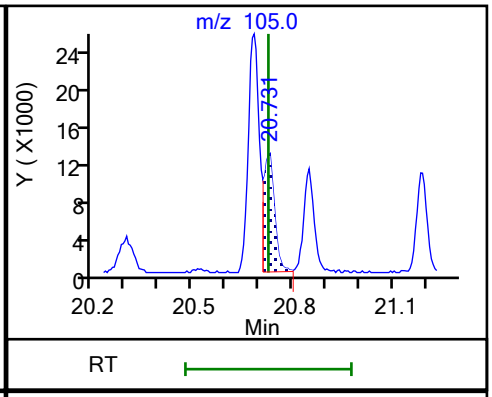
Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

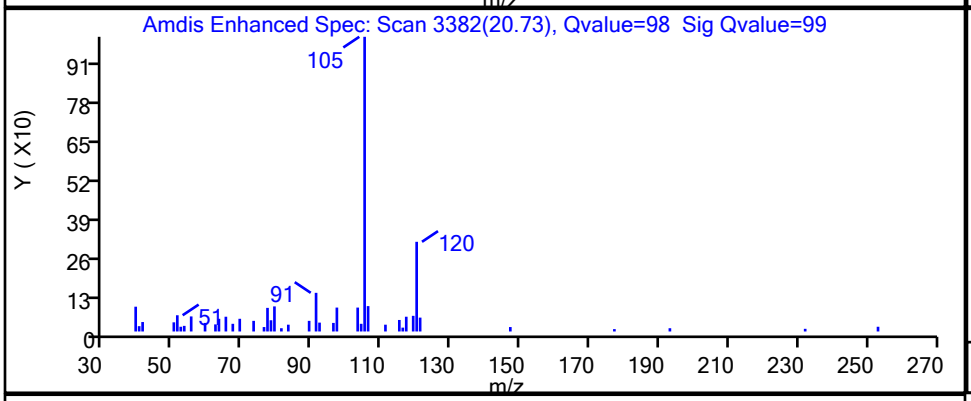
Eurofins Burlington

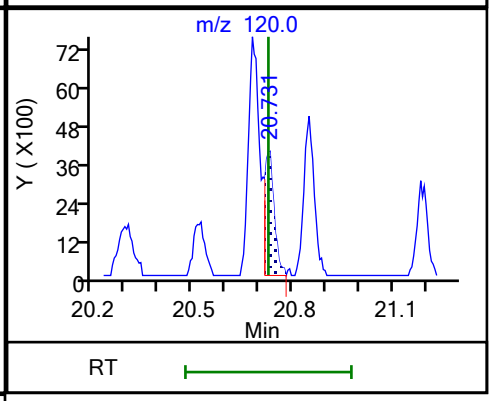
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

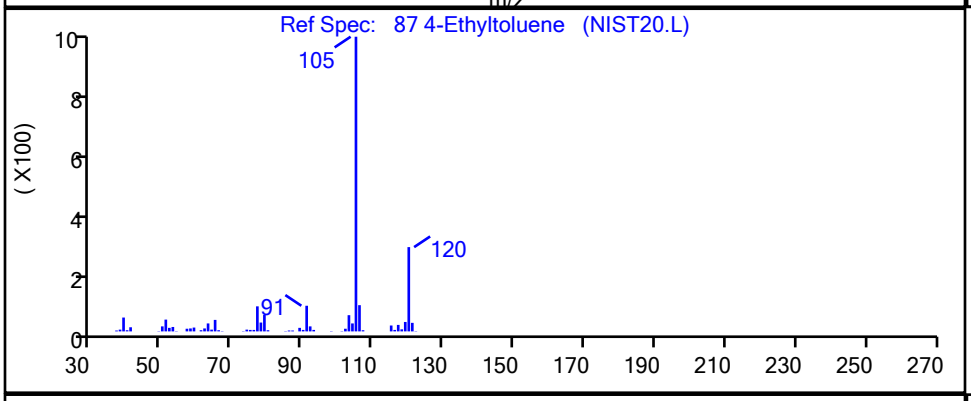
87 4-Ethyltoluene, CAS: 622-96-8

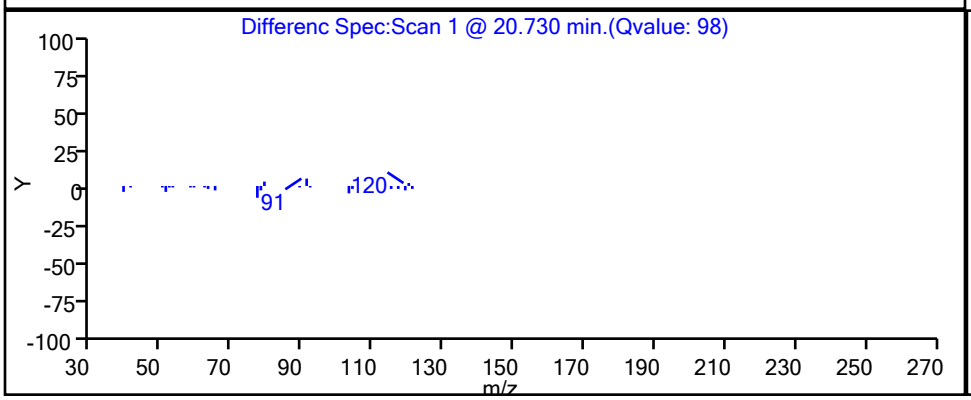


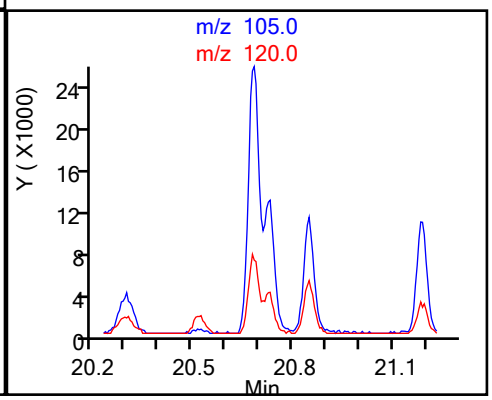










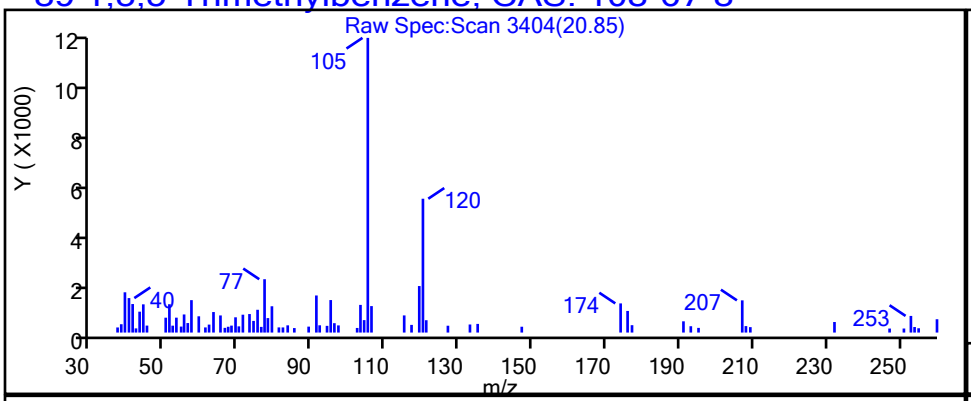


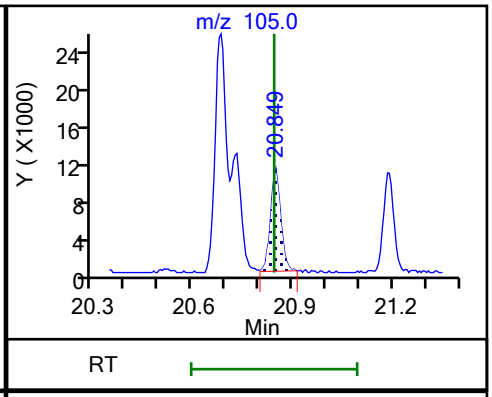
Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

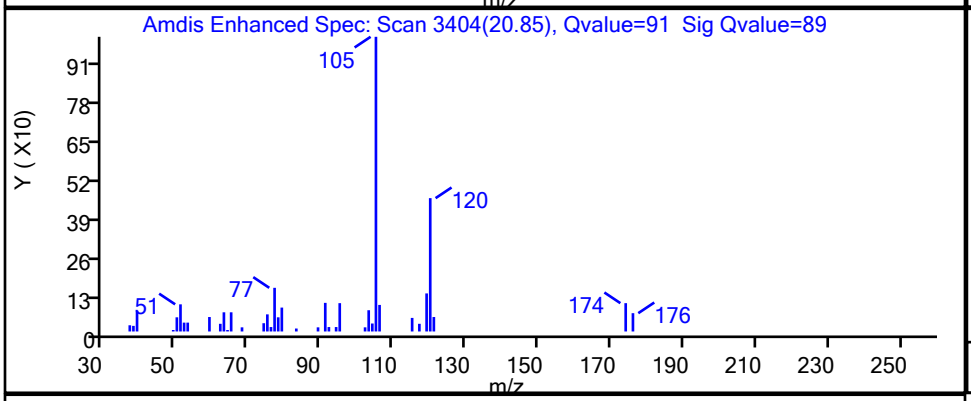
Eurofins Burlington

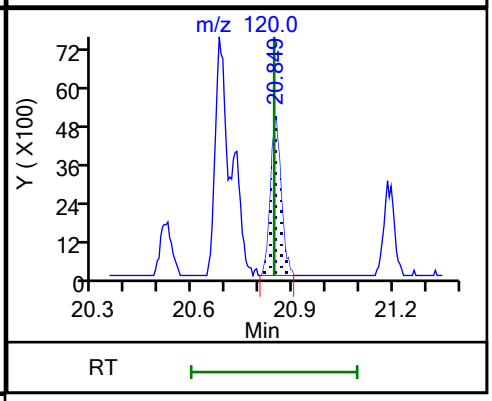
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

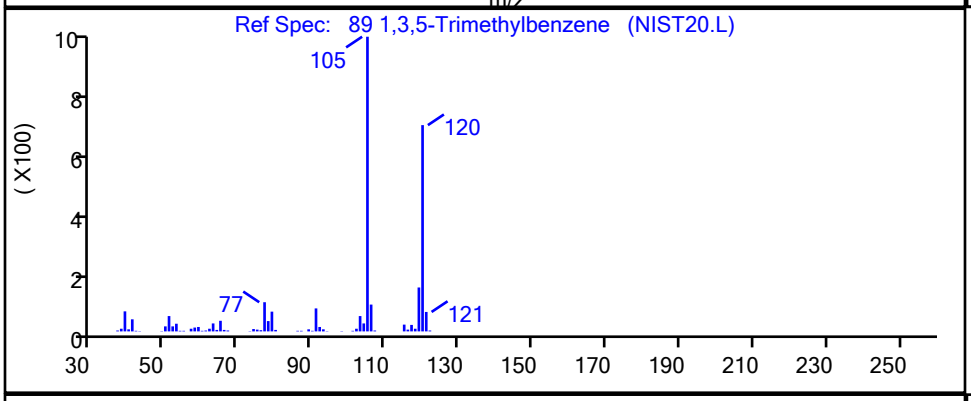
89 1,3,5-Trimethylbenzene, CAS: 108-67-8

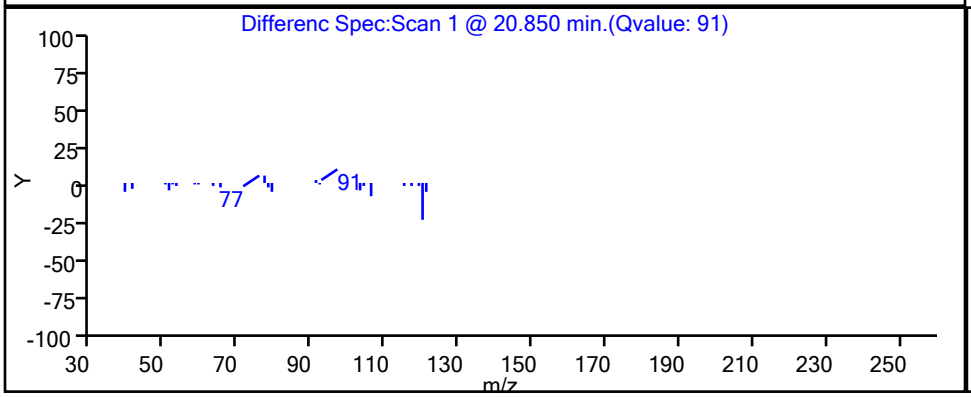


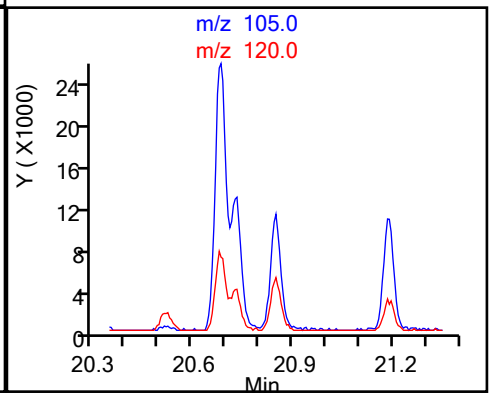










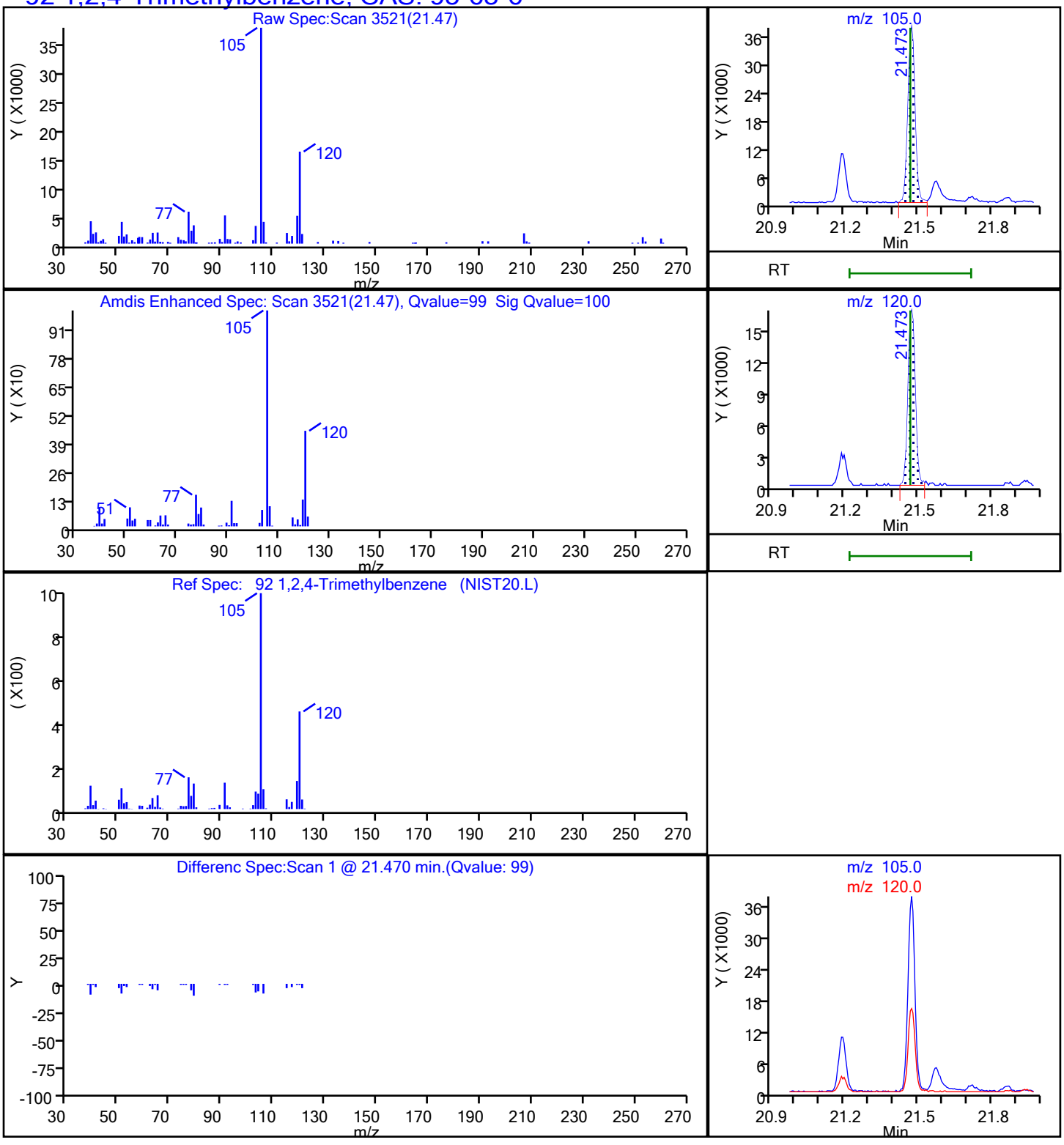


Report Date: 26-May-2022 10:56:07 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 1,2,4-Trimethylbenzene, CAS: 95-63-6



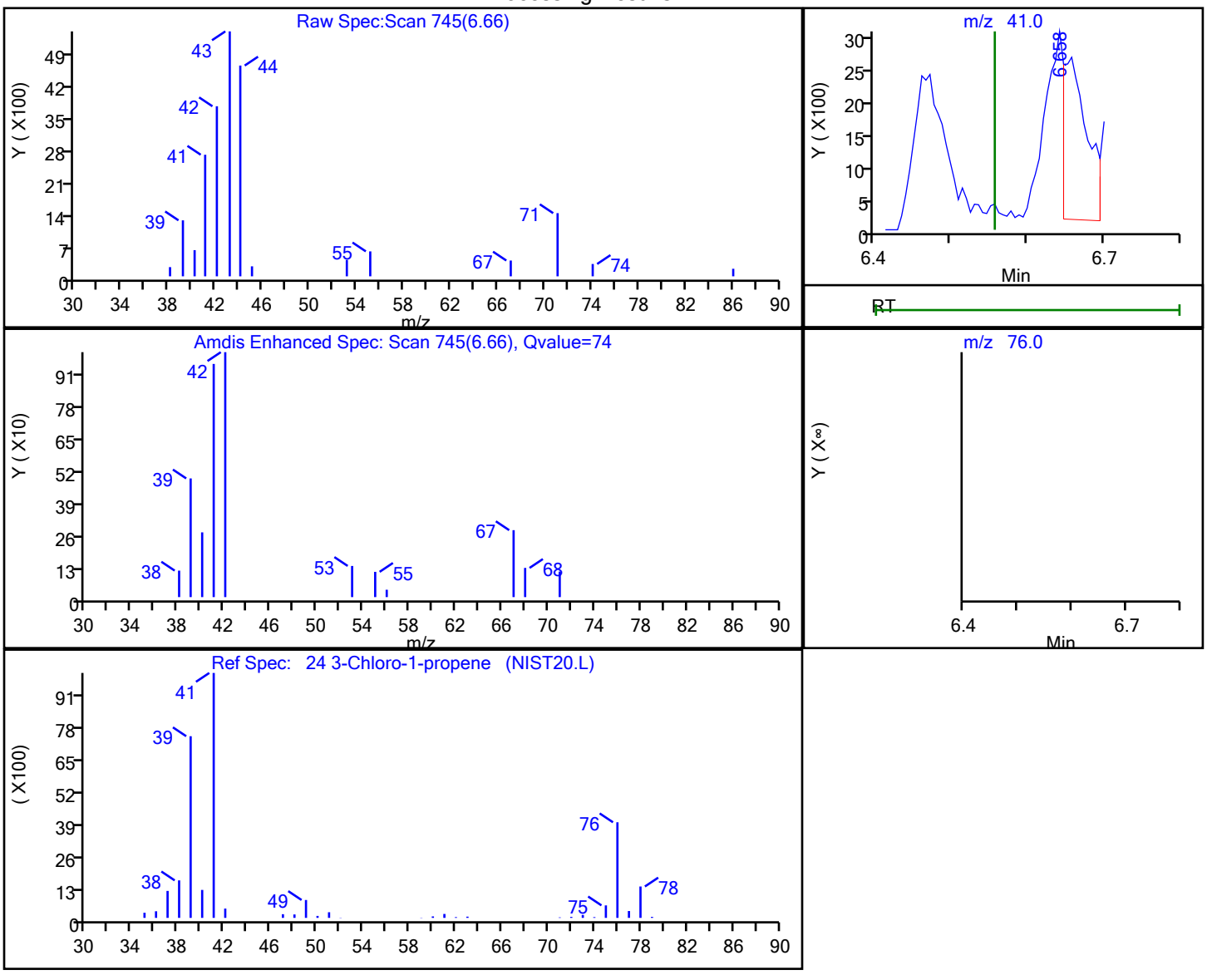
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.66	41.00	5518	0.255625
6.56	76.00	0	

Reviewer: puangmaleek, 26-May-2022 10:54:41

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

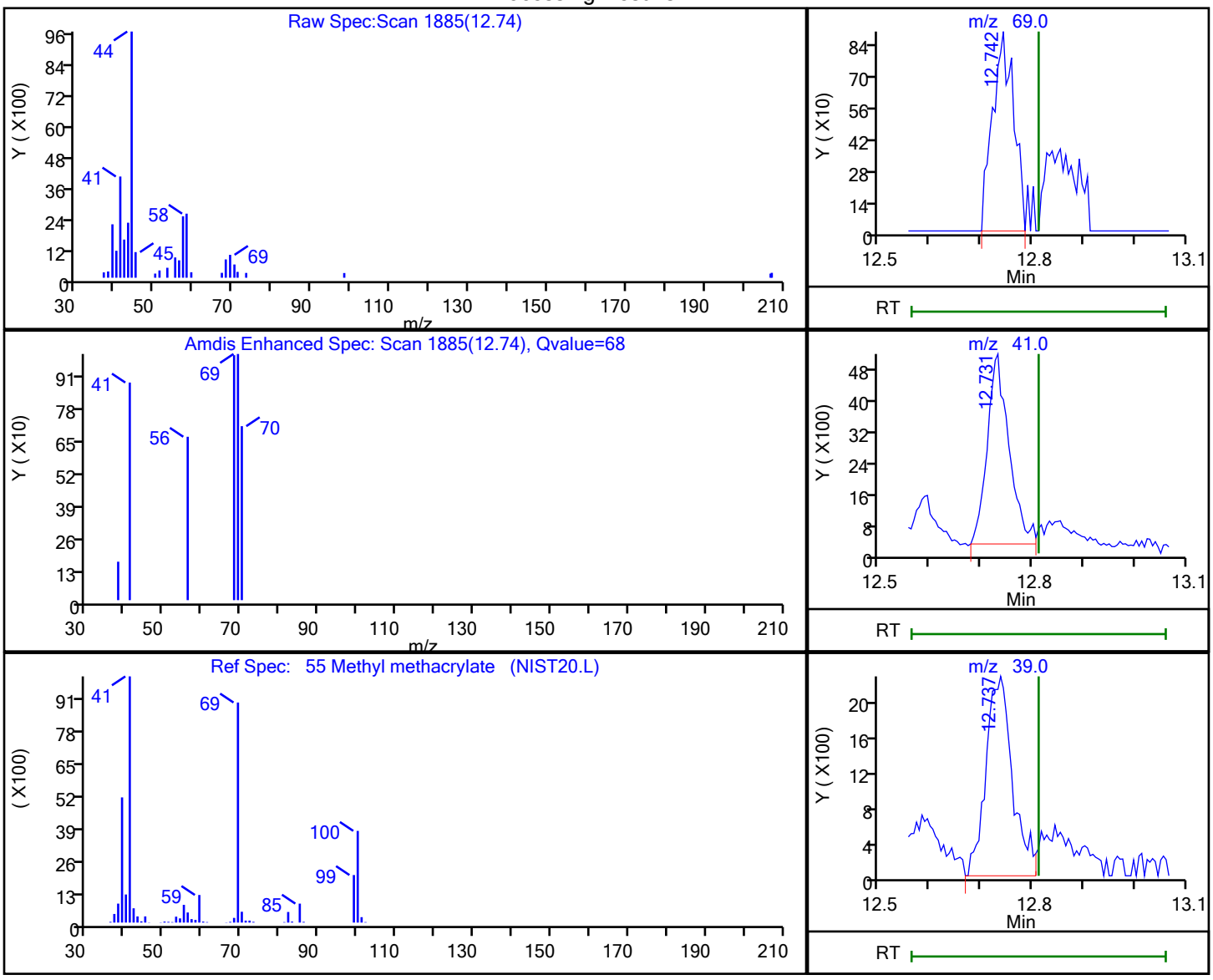
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	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
12.74	69.00	2580	0.056969
12.73	41.00	14499	
12.74	39.00	8049	

Reviewer: puangmaleek, 26-May-2022 10:55:20

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

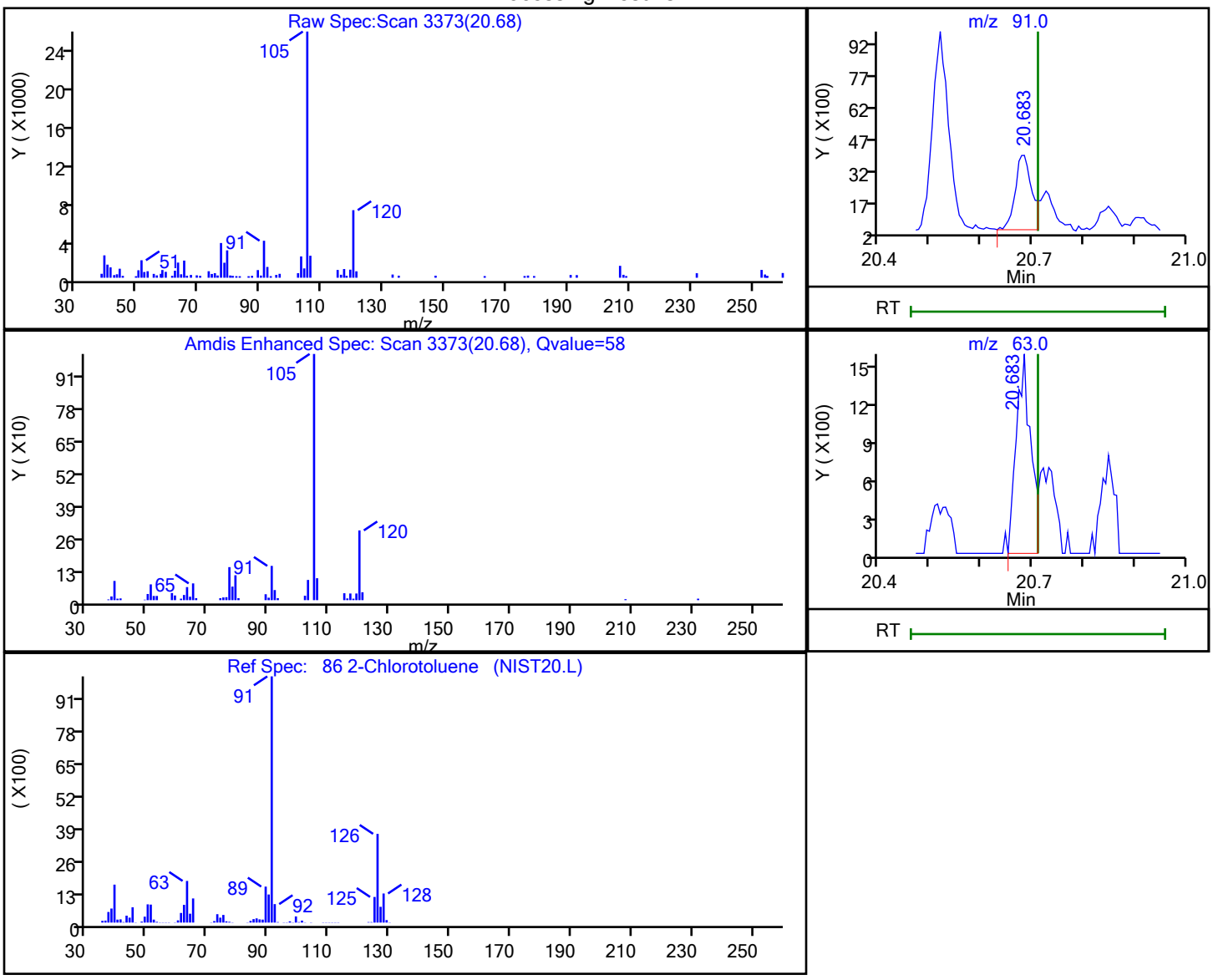
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
20.68	91.00	8023	0.039632
20.68	63.00	3103	

Reviewer: puangmaleek, 26-May-2022 10:55:41

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

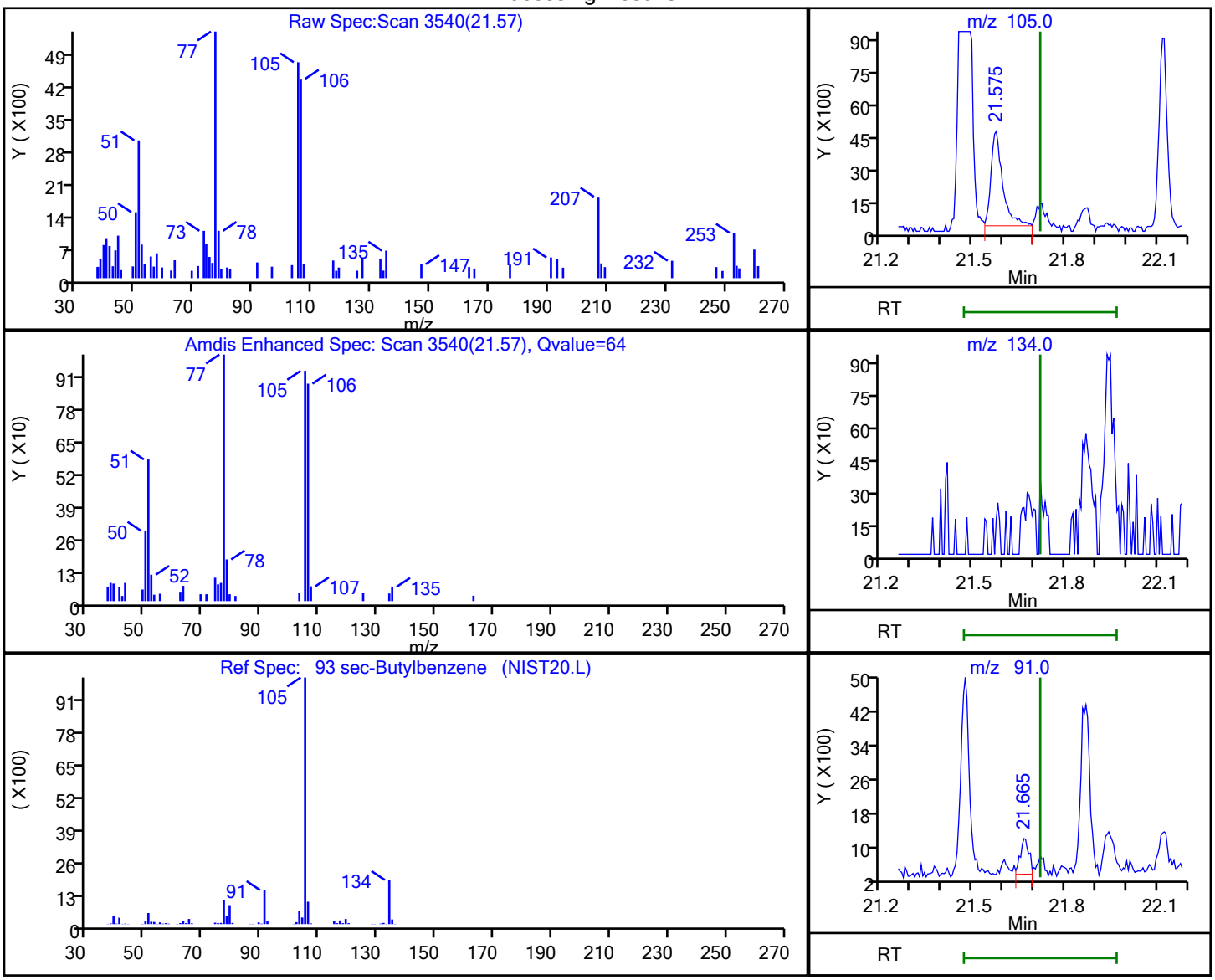
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
21.57	105.00	11771	0.041211
21.72	134.00	0	
21.67	91.00	1634	

Reviewer: puangmaleek, 26-May-2022 10:55:48

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

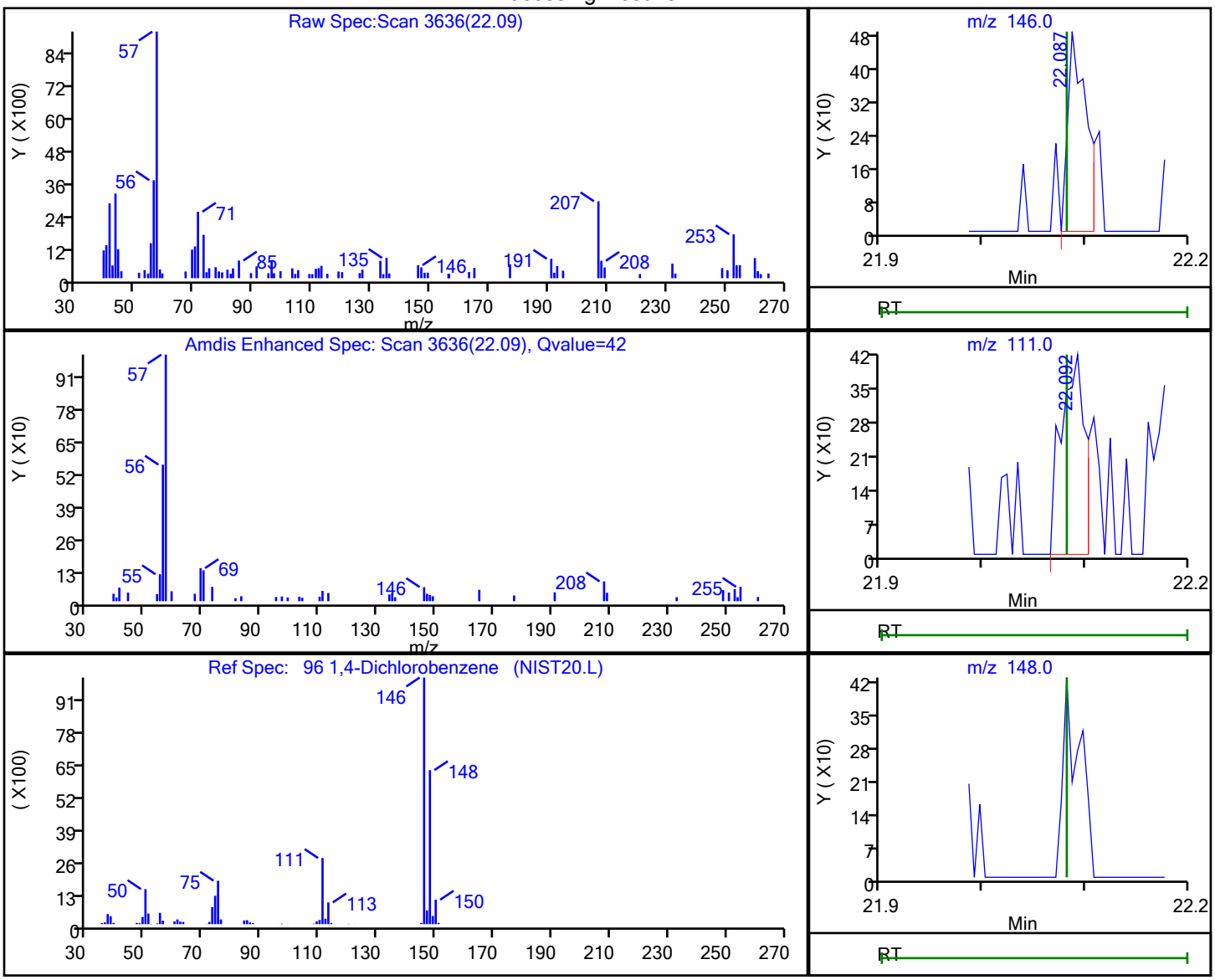
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	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
22.09	146.00	607	0.004957
22.09	111.00	677	
22.08	148.00	0	

Reviewer: puangmaleek, 26-May-2022 10:55:54

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

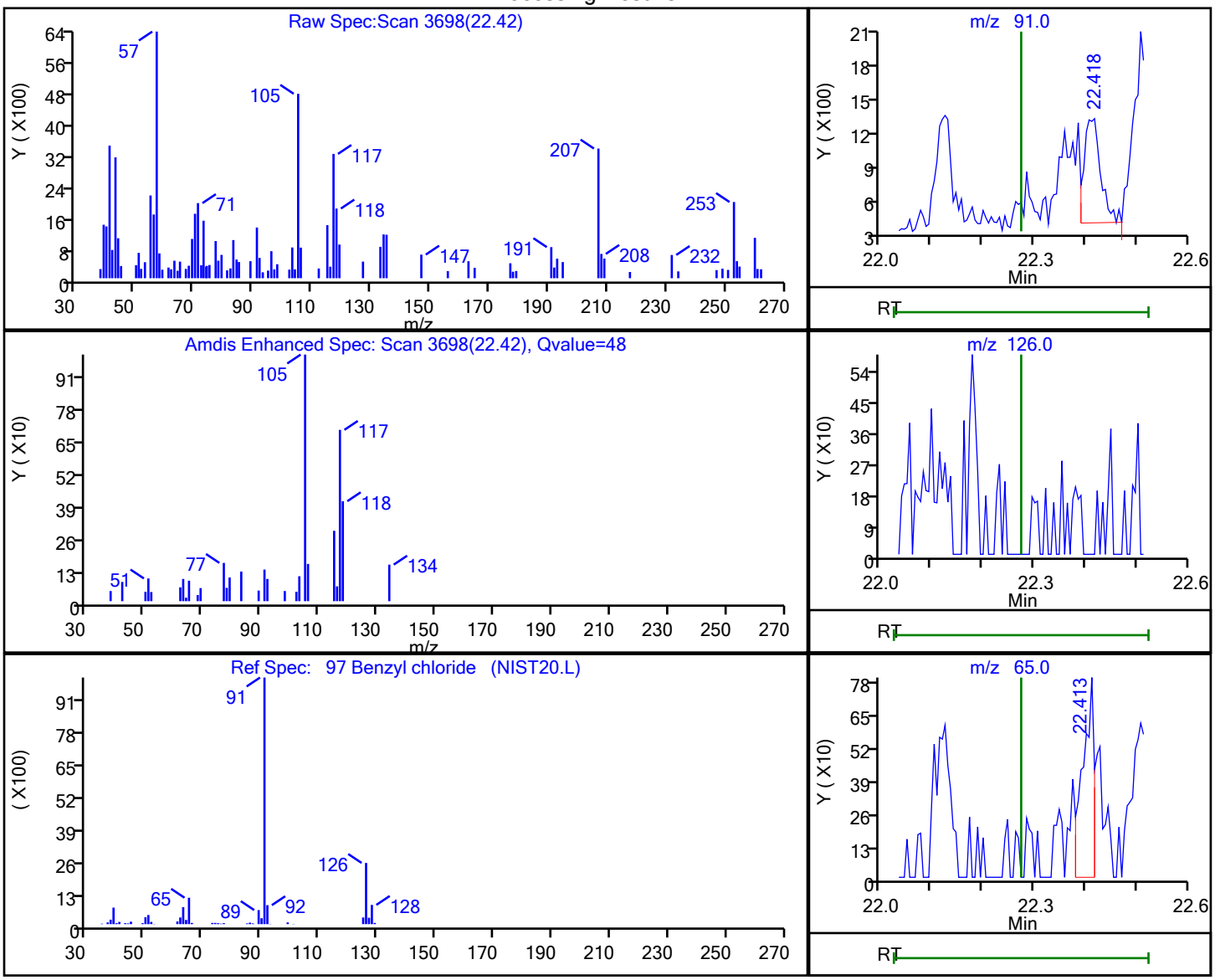
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-14.D				
Injection Date:	25-May-2022 18:54:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1	Lab Sample ID:	200-63486-1		
Client ID:	SS-VENT PORT-3				
Operator ID:	vtp	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
22.42	91.00	1899	0.009487
22.27	126.00	0	
22.41	65.00	1200	

Reviewer: puangmaleek, 26-May-2022 10:55:56

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

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-180002/4	50922-04.D
Level 2	IC 200-180002/5	50922-05.D
Level 3	IC 200-180002/6	50922-06.D
Level 4	IC 200-180002/7	50922-07.D
Level 5	ICIS 200-180002/8	50922-08.D
Level 6	IC 200-180002/9	50922-09.D
Level 7	IC 200-180002/13	50922-13.D
Level 8	IC 200-180002/14	50922-14.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.8210	+++++ 1.7620	+++++ 1.6322	1.8944	1.8531	Ave		1.7925				5.7		30.0			
Dichlorodifluoromethane	+++++ 5.9026	+++++ 5.7475	7.1476 5.3730	5.9537	5.9563	Ave		6.0135				9.9		30.0			
Chlorodifluoromethane	+++++ 3.2189	+++++ 3.1301	4.0478 2.9353	3.3041	3.2883	Ave		3.3208				11.5		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 4.6678	5.7034 4.4957	5.6686 4.1673	4.8169	4.7613	Ave		4.8973				11.8		30.0			
Chloromethane	+++++ 1.2806	+++++ 1.2442	1.6636 1.1870	1.3464	1.3193	Ave		1.3402				12.5		30.0			
n-Butane	+++++ 1.5372	+++++ 1.4647	2.0230 1.4207	1.6643	1.5779	Ave		1.6146				13.5		30.0			
Vinyl chloride	1.2909 1.1386	1.3268 1.0829	1.3730 1.0570	1.2033	1.1579	Ave		1.2038				9.6		30.0			
1,3-Butadiene	1.0568 0.8230	0.9783 0.7821	1.0078 0.8013	0.8564	0.8350	Ave		0.8926				11.8		30.0			
Bromomethane	+++++ 0.9959	1.1683 0.9511	1.2199 0.9097	1.0397	0.9980	Ave		1.0404				10.9		30.0			
Chloroethane	+++++ 0.6475	+++++ 0.6126	0.7616 0.5749	0.6747	0.6786	Ave		0.6583				9.7		30.0			
Isopentane	+++++ 1.3887	1.7444 1.3182	1.8033 1.2176	1.4842	1.4763	Ave		1.4904				14.4		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.4465	1.6812 1.3949	1.7031 1.3086	1.4713	1.4687	Ave		1.4963				9.7		30.0			
Trichlorofluoromethane	+++++ 4.5749	5.4946 4.4415	5.5175 4.2228	4.6611	4.6579	Ave		4.7958				10.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 2.0918	+++++ 1.9801	2.6287 1.8526	2.2406	2.1760	Ave		2.1616				12.4		30.0			
Ethanol	+++++ 0.5430	+++++ 0.5036	0.5985 0.4781	0.5598	0.5640	Ave		0.5412				8.1		30.0			
Ethyl ether	+++++ 0.9386	1.0267 0.9194	1.1267 0.8665	0.9851	0.9849	Ave		0.9783				8.6		30.0			
Acrolein	+++++ 0.5444	+++++ 0.5206	+++++ 0.5194	0.5506	0.5368	Ave		0.5344				2.6		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 3.2583	3.9327 3.1313	3.9483 2.9062	3.3791	3.3232	Ave		3.4113				11.5		30.0			
1,1-Dichloroethene	1.9152 1.4192	1.6203 1.3580	1.7360 1.2513	1.4790	1.4755	Ave		1.5318				14.0		30.0			
Acetone	+++++ 2.1075	+++++ 2.0521	+++++ 1.9602	2.1916	2.1613	Ave		2.0945				4.4		30.0			
Carbon disulfide	+++++ 3.9877	+++++ 3.8680	4.7399 3.6450	4.1318	4.1208	Ave		4.0822				9.0		30.0			
Isopropyl alcohol	+++++ 2.2999	+++++ 2.2057	+++++ 2.0740	2.4071	2.3629	Ave		2.2699				5.9		30.0			
3-Chloropropene	+++++ 1.7751	2.2826 1.6974	2.0881 1.6115	1.8030	1.8416	Ave		1.8713				12.5		30.0			
Acetonitrile	+++++ 0.8680	+++++ 0.9495	+++++ 0.9008	0.9760	1.0408	Ave		0.9470				7.1		30.0			
Methylene Chloride	+++++ 1.5847	+++++ 1.5292	2.0467 1.4489	1.7016	1.6471	Ave		1.6597				12.6		30.0			
tert-Butyl alcohol	+++++ 3.2167	+++++ 3.1181	+++++ 3.0039	3.3528	3.2681	Ave		3.1919				4.2		30.0			
trans-1,2-Dichloroethene	2.8581 2.2650	2.6318 2.1810	2.7551 2.0083	2.3324	2.3120	Ave		2.4180				12.3		30.0			
Methyl tert-butyl ether	+++++ 4.6837	5.4329 4.5434	5.3969 4.2558	4.7573	4.7476	Ave		4.8311				9.0		30.0			
Acrylonitrile	+++++ 0.9311	+++++ 0.9596	1.0577 0.8872	0.9831	0.9435	Ave		0.9604				6.0		30.0			
n-Hexane	+++++ 2.1253	2.5235 2.0583	2.6120 1.9334	2.2165	2.1927	Ave		2.2374				11.0		30.0			
1,1-Dichloroethane	3.7778 2.6689	3.0764 2.5964	3.3000 2.4604	2.7716	2.7478	Ave		2.9249				14.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 3.7587	+++++ 3.6902	+++++ 3.5307	3.8175	3.8534	Ave		3.7301				3.4		30.0			
cis-1,2-Dichloroethene	2.3160 1.7907	2.0708 1.7426	2.1411 1.6775	1.8299	1.8251	Ave		1.9242				11.7		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.8604	+++++ 0.8413	0.9919 0.8126	0.8733	0.8636	Ave		0.8738				7.1		30.0			
Ethyl acetate	+++++ 0.1576	+++++ 0.1514	+++++ 0.1474	0.1481	0.1556	Ave		0.1520				3.0		30.0			
Tetrahydrofuran	+++++ 0.2956	+++++ 0.2857	+++++ 0.2702	0.3146	0.3086	Ave		0.2949				6.0		30.0			
Chloroform	+++++ 4.3703	5.0160 4.2596	5.1738 4.0800	4.4012	4.4254	Ave		4.5323				8.9		30.0			
1,1,1-Trichloroethane	+++++ 0.7359	0.8460 0.7183	0.8639 0.6882	0.7486	0.7467	Ave		0.7639				8.6		30.0			
Cyclohexane	+++++ 0.4125	0.4750 0.4012	0.4976 0.3749	0.4285	0.4225	Ave		0.4303				9.9		30.0			
Carbon tetrachloride	0.9062 0.8036	0.8149 0.7864	0.9010 0.7749	0.7969	0.8050	Ave		0.8236				6.2		30.0			
Benzene	+++++ 1.1023	1.3284 1.0644	1.3579 1.0212	1.1477	1.1302	Ave		1.1646				11.1		30.0			
2,2,4-Trimethylpentane	+++++ 1.7827	2.1114 1.7150	2.1935 1.6078	1.8934	1.8499	Ave		1.8791				11.2		30.0			
1,2-Dichloroethane	+++++ 0.5370	0.6093 0.5259	0.6191 0.5155	0.5494	0.5478	Ave		0.5577				7.3		30.0			
n-Heptane	+++++ 0.7300	0.9018 0.7012	0.9383 0.6587	0.8046	0.7759	Ave		0.7872				13.1		30.0			
Trichloroethene	0.8275 0.5919	0.6525 0.5773	0.6893 0.5578	0.5877	0.5988	Ave		0.6353				14.0		30.0			
n-Butanol	+++++ 0.3205	+++++ 0.2959	+++++ 0.2909	0.3168	0.3204	Ave		0.3089				4.6		30.0			
1,2-Dichloropropane	+++++ 0.5967	0.6741 0.5762	0.7067 0.5534	0.6130	0.6155	Ave		0.6194				8.7		30.0			
Dibromomethane	+++++ 0.5167	0.6139 0.5088	0.5710 0.4966	0.4867	0.5087	Ave		0.5289				8.7		30.0			
Methyl methacrylate	+++++ 0.5814	+++++ 0.5630	0.5793 0.5307	0.5625	0.5917	Ave		0.5681				3.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	+++++ 0.3093	+++++ 0.2944	+++++ 0.2744	0.3095	0.3048	Ave		0.2985				5.0		30.0			
Bromodichloromethane	+++++ 1.1413	1.1600 1.1161	1.2150 1.1047	1.0950	1.1300	Ave		1.1374				3.6		30.0			
cis-1,3-Dichloropropene	+++++ 1.1162	1.1466 1.0917	1.1891 1.0836	1.0706	1.1037	Ave		1.1145				3.7		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 1.6897	+++++ 1.6517	1.8711 1.5882	1.6721	1.7078	Ave		1.6968				5.6		30.0			
Toluene	+++++ 1.1279	1.2302 1.1068	1.2672 1.0869	1.1062	1.1299	Ave		1.1507				6.0		30.0			
n-Octane	+++++ 1.8446	2.0962 1.7773	2.1206 1.6376	1.8834	1.8972	Ave		1.8938				9.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.9916	0.9779 0.9733	1.0073 0.9710	0.9355	0.9722	Ave		0.9755				2.3		30.0			
1,1,2-Trichloroethane	+++++ 0.5669	0.6123 0.5543	0.6420 0.5428	0.5644	0.5697	Ave		0.5789				6.1		30.0			
Tetrachloroethene	1.0060 0.7683	0.8413 0.7578	0.8537 0.7423	0.7535	0.7631	Ave		0.8108				11.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 1.5693	+++++ 1.5352	1.8305 1.4802	1.5547	1.6059	Ave		1.5960				7.7		30.0			
Dibromochloromethane	+++++ 1.0139	0.9197 0.9998	1.0502 0.9882	0.9577	0.9894	Ave		0.9884				4.2		30.0			
1,2-Dibromoethane	+++++ 0.9251	0.9238 0.9079	0.9789 0.8909	0.8994	0.9138	Ave		0.9200				3.1		30.0			
Chlorobenzene	+++++ 1.3985	1.5867 1.3681	1.5858 1.3318	1.3808	1.3873	Ave		1.4342				7.4		30.0			
Ethylbenzene	+++++ 2.5152	2.7391 2.4582	2.8487 2.3630	2.5078	2.5300	Ave		2.5660				6.6		30.0			
n-Nonane	+++++ 1.4919	1.6681 1.4116	1.7353 1.1894	1.5623	1.5548	Ave		1.5162				11.8		30.0			
m,p-Xylene	+++++ 0.9093	0.9629 0.8840	1.0216 0.8013	0.9078	0.9184	Ave		0.9150				7.4		30.0			
o-Xylene	+++++ 0.8886	0.9386 0.8748	0.9817 0.8550	0.8734	0.8872	Ave		0.8999				4.9		30.0			
Styrene	+++++ 1.4865	1.4161 1.4692	1.5202 1.4352	1.4194	1.4709	Ave		1.4596				2.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.9603	0.7616 0.9406	0.9520 0.9425	0.9043	0.9172	Ave		0.9112				7.6		30.0			
Cumene	+++++ 2.6667	2.8506 2.6160	2.9856 2.4988	2.6544	2.6737	Ave		2.7066				5.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 1.4767	1.6024 1.4294	1.6707 1.3733	1.4763	1.4770	Ave		1.5009				6.8		30.0			
1,2,3-Trichloropropane	+++++ 1.2504	+++++ 1.2127	1.4533 1.1459	1.2570	1.2620	Ave		1.2636				8.1		30.0			
n-Propylbenzene	+++++ 3.4098	3.7781 3.2995	3.8535 3.0309	3.4153	3.4511	Ave		3.4626				8.1		30.0			
2-Chlorotoluene	+++++ 2.3593	2.4443 2.2887	2.6536 2.1293	2.3360	2.3658	Ave		2.3681				6.7		30.0			
4-Ethyltoluene	+++++ 2.7078	2.9111 2.6317	3.0612 2.4261	2.6938	2.7177	Ave		2.7356				7.4		30.0			
n-Decane	+++++ 1.9785	+++++ 1.8975	2.2738 1.6991	2.0460	2.0520	Ave		1.9912				9.5		30.0			
1,3,5-Trimethylbenzene	+++++ 2.2230	2.4353 2.1697	2.4753 2.0657	2.1984	2.2176	Ave		2.2550				6.5		30.0			
Alpha Methyl Styrene	+++++ 1.1304	1.0432 1.1186	1.1205 1.0848	1.0758	1.1214	Ave		1.0992				2.9		30.0			
tert-Butylbenzene	+++++ 2.0502	2.1846 2.0180	2.3591 1.9147	2.0364	2.0523	Ave		2.0879				6.9		30.0			
1,2,4-Trimethylbenzene	+++++ 2.2320	2.3868 2.1814	2.4955 2.0626	2.2126	2.2298	Ave		2.2573				6.3		30.0			
sec-Butylbenzene	+++++ 3.3011	3.5475 3.2051	3.7650 2.9413	3.3075	3.3217	Ave		3.3413				7.8		30.0			
1,3-Dichlorobenzene	+++++ 1.3820	1.5429 1.3484	1.5968 1.1987	1.3782	1.3863	Ave		1.4048				9.3		30.0			
4-Isopropyltoluene	+++++ 2.6462	2.8885 2.5562	2.9747 2.2464	2.6542	2.6685	Ave		2.6621				8.9		30.0			
1,4-Dichlorobenzene	+++++ 1.3929	1.6101 1.3601	1.5878 1.2917	1.3933	1.3914	Ave		1.4325				8.3		30.0			
Benzyl chloride	+++++ 2.3659	2.4048 2.2898	2.4771 2.2018	2.3160	2.3366	Ave		2.3417				3.7		30.0			
n-Butylbenzene	+++++ 2.8854	3.1383 2.7956	3.2409 2.5312	2.9051	2.9129	Ave		2.9156				7.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 1.3090	1.5183 1.2739	1.5225 1.1255	1.3235	1.3242	Ave		1.3424				10.4		30.0			
n-Undecane	+++++ 2.1390	+++++ 1.9869	+++++ 1.5590	2.3184	2.2719	Ave		2.0550				14.9		30.0			
n-Dodecane	+++++ 2.2387	+++++ 2.1700	+++++ 1.9041	2.2844	2.2863	Ave		2.1767				7.3		30.0			
1,2,4-Trichlorobenzene	+++++ 1.3214	+++++ 1.3010	1.4431 1.2343	1.2827	1.2880	Ave		1.3117				5.4		30.0			
Hexachlorobutadiene	+++++ 1.1762	1.2934 1.1524	1.3069 1.0971	1.1350	1.1500	Ave		1.1873				6.8		30.0			
Naphthalene	+++++ 2.9783	+++++ 2.9144	3.2834 2.7073	2.8945	2.8962	Ave		2.9457				6.4		30.0			
1,2,3-Trichlorobenzene	+++++ 1.0946	+++++ 1.0767	1.2137 1.0088	1.0603	1.0651	Ave		1.0865				6.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-63486-1 | Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 | Calibration End Date: 05/20/2022 01:00 | Calibration ID: 48192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-180002/4	50922-04.D
Level 2	IC 200-180002/5	50922-05.D
Level 3	IC 200-180002/6	50922-06.D
Level 4	IC 200-180002/7	50922-07.D
Level 5	ICIS 200-180002/8	50922-08.D
Level 6	IC 200-180002/9	50922-09.D
Level 7	IC 200-180002/13	50922-13.D
Level 8	IC 200-180002/14	50922-14.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 374153	+++++ 473412	+++++ 920481	131953	254681	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1212767	+++++ 1544199	47987 3030074	414707	818630	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Chlorodifluoromethane	BCM	Ave	+++++ 661355	+++++ 840986	27176 1655345	230150	451943	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 959044	15432 1207860	38057 2350133	335525	654385	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 263120	+++++ 334270	11169 669382	93787	181319	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 315837	+++++ 393538	13582 801199	115925	216859	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	612 233931	3590 290943	9218 596115	83819	159141	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	501 169093	2647 210142	6766 451879	59655	114756	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 204626	3161 255536	8190 513040	72419	137160	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 133039	+++++ 164594	5113 324224	46998	93260	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 285328	4720 354175	12107 686678	103386	202907	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 297192	4549 374782	11434 737961	102487	201861	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 939973	14867 1193311	37043 2381432	324668	640168	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 429789	+++++ 531992	17648 1044738	156067	299064	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 149076	+++++ 270638	40233 674045	78037	116330	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 192855	2778 247021	7564 488640	68620	135357	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 111853	+++++ 139881	+++++ 292905	38354	73776	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 669453	10641 841287	26508 1638922	235370	456734	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	908 291588	4384 364852	11655 705665	103019	202791	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 433019	+++++ 551346	+++++ 1105434	152657	297046	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 819320	+++++ 1039239	31822 2055582	287801	566361	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 472545	+++++ 592608	+++++ 1169595	167666	324755	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 364717	6176 456041	14019 908822	125586	253108	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 178340	+++++ 255099	+++++ 507986	67981	143045	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 325585	+++++ 410846	13741 817111	118523	226374	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 660912	+++++ 837748	+++++ 1694005	233542	449167	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	1355 465368	7121 585969	18497 1132573	162466	317757	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 962326	14700 1220694	36233 2400049	331373	652497	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 191300	+++++ 257820	7101 500340	68481	129673	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 436660	6828 553005	17536 1090342	154391	301366	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1791 548360	8324 697572	22155 1387528	193057	377657	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 772262	+++++ 991452	+++++ 1991110	265913	529599	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	1098 367917	5603 468199	14375 946013	127466	250832	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 176786	+++++ 226034	6659 458238	60832	118693	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 32391	+++++ 40680	+++++ 83110	10318	21380	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	144144	281070	+++++	+++++	+++++	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			406773	516830	1018325			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 897932	13572 1144433	34735 2300898	306567	608221	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 1012808	15277 1299303	38444 2593538	342995	680114	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	+++++ 567641	8578 725758	22144 1412835	196345	384786	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	2865 1105917	14715 1422507	40099 2920108	365108	733199	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	+++++ 1517017	23988 1925391	60428 3848324	525884	1029408	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 2453346	38127 3102288	97617 6058919	867512	1684908	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 739082	11002 951372	27553 1942795	251723	498904	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	+++++ 1004572	16285 1268531	41756 2482126	368655	706727	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	2616 814576	11783 1044269	30676 2102007	269266	545410	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	+++++ 441021	+++++ 535328	+++++ 1096133	145144	291812	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 821207	12172 1042343	31452 2085386	280871	560591	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	+++++ 711048	11085 920383	25411 1871312	222981	463308	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 800113	+++++ 1018452	25782 2000063	257743	538909	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 425725	+++++ 532643	+++++ 1033938	141806	277580	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1570685	20947 2018996	54072 4162850	501714	1029164	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1536109	20704 1974828	52917 4083450	490545	1005283	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 2325427	+++++ 2987907	83271 5984838	766141	1555422	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd5	Ave	+++++ 1605504	22371 2075514	56805 4290248	509760	1049266	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 2538528	37852 3215102	94374 6171014	862942	1727950	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	17658	44826	428649	885435	+++++	0.200	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-63486-1 | Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 | Calibration End Date: 05/20/2022 01:00 | Calibration ID: 48192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1364712	1760649	3659121			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++ 806926	11135 1039505	28778 2142698	260098	529012	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZd 5	Ave	3215 1093594	15299 1421114	38266 2929978	347260	708634	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd 5	Ave	+++++ 2233799	+++++ 2879029	82056 5842642	716444	1491325	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZd 5	Ave	+++++ 1443280	16725 1874917	47074 3900583	441328	918831	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZd 5	Ave	+++++ 1316864	16800 1702519	43882 3516547	414473	848557	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZd 5	Ave	+++++ 1990706	28854 2565663	71087 5257123	636332	1288255	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZd 5	Ave	+++++ 3580217	49810 4609856	127697 9327430	1155709	2349439	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBNZd 5	Ave	+++++ 2123639	30334 2647153	77785 4694718	719960	1443856	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZd 5	Ave	+++++ 2588580	35021 3315600	91584 6326112	836706	1705719	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
o-Xylene	CBNZd 5	Ave	+++++ 1264836	17069 1640507	44007 3374748	402504	823834	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZd 5	Ave	+++++ 2115923	25751 2755176	68145 5665078	654118	1365944	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZd 5	Ave	+++++ 1366986	13849 1763970	42675 3720174	416752	851721	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZd 5	Ave	+++++ 3795904	51838 4905834	133833 9863169	1223265	2482841	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZd 5	Ave	+++++ 2101989	29140 2680592	74892 5420691	680349	1371622	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichloropropane	CBNZd5	Ave	+++++	+++++	65145	579294	1171929	+++++	+++++	0.500	4.99	10.00
			1779896	2274130	4523074			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	68704	172735	1573912	3204776	+++++	0.200	0.500	4.99	10.00
			4853630	6187447	11963514			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	44449	118948	1076530	2196908	+++++	0.200	0.500	4.99	10.00
			3358346	4291997	8404937			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	52939	137220	1241423	2523718	+++++	0.200	0.500	4.99	10.00
			3854393	4935146	9576271			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	101923	942882	1905522	+++++	+++++	0.500	4.99	10.00
			2816258	3558427	6706894			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	44286	110957	1013120	2059342	+++++	0.200	0.500	4.99	10.00
			3164215	4068832	8153816			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	18970	50229	495757	1041338	+++++	0.200	0.500	4.99	10.00
			1609112	2097783	4281836			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	39726	105747	938435	1905872	+++++	0.200	0.500	4.99	10.00
			2918303	3784356	7557796			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	43403	111865	1019638	2070664	+++++	0.200	0.500	4.99	10.00
			3177109	4090819	8141706			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	64512	168771	1524233	3084635	+++++	0.200	0.500	4.99	10.00
			4698865	6010549	11610036			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	28057	71580	635127	1287376	+++++	0.200	0.500	4.99	10.00
			1967169	2528679	4731504			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	52528	133342	1223171	2478043	+++++	0.200	0.500	4.99	10.00
			3766735	4793543	8867210			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	29279	71174	642061	1292118	+++++	0.200	0.500	4.99	10.00
			1982675	2550635	5098824			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	43732	111038	1067276	2169799	+++++	0.200	0.500	4.99	10.00
			3367707	4294096	8691107			15.0	20.0	40.0		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63486-1 Analy Batch No.: 180002

SDG No.: 200-63486

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2022 15:56 Calibration End Date: 05/20/2022 01:00 Calibration ID: 48192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 4107168	57070 5242485	145278 9991369	1338773	2704979	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 1863295	27611 2388991	68246 4442423	609914	1229665	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZd5	Ave	+++++ 3044654	+++++ 3725926	+++++ 6153861	1068382	2109708	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Dodecane	CBNZd5	Ave	+++++ 3186562	+++++ 4069433	+++++ 7515980	1052724	2123151	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1880857	+++++ 2439670	64689 4871957	591102	1196085	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1674287	23520 2161151	58584 4330563	523040	1067883	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd5	Ave	+++++ 4239358	+++++ 5465320	147183 10686305	1333908	2689459	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 1558109	+++++ 2019082	54405 3982152	488623	989076	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-04.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-May-2022 15:56:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-004
Misc. Info.: ic-01
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:13 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 08:38:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.815	2.810	0.005	90	1882	0.0351	0.0777	
2 Dichlorodifluoromethane	85	2.874	2.874	0.000	98	4550	0.0351	0.0560	
3 Chlorodifluoromethane	51	2.912	2.911	0.001	95	2793	0.0351	0.0622	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.109	3.103	0.006	94	3462	0.0351	0.0523	
5 Chloromethane	50	3.210	3.210	0.000	96	1230	0.0351	0.0679	
6 Butane	43	3.397	3.397	0.000	95	1268	0.0351	0.0581	
7 Vinyl chloride	62	3.424	3.424	0.000	96	612	0.0351	0.0376	
8 Butadiene	54	3.499	3.493	0.006	90	501	0.0351	0.0415	
9 Bromomethane	94	4.086	4.075	0.011	92	686	0.0351	0.0488	
10 Chloroethane	64	4.294	4.294	0.000	1	381	0.0351	0.0428	
11 2-Methylbutane	43	4.379	4.400	-0.021	83	1096	0.0351	0.0544	
13 Vinyl bromide	106	4.662	4.656	0.006	95	961	0.0351	0.0475	
14 Trichlorofluoromethane	101	4.774	4.774	0.000	96	3215	0.0351	0.0496	
15 Pentane	43	4.934	4.923	0.011	99	1570	0.0351	0.0537	
16 Ethanol	45	5.441	5.345	0.096	51	262	0.0702	0.0358	
17 Ethyl ether	59	5.516	5.430	0.086	31	404	0.0351	0.0306	
18 Acrolein	56		5.719				ND	ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.820	5.809	0.011	92	2305	0.0351	0.0500	
20 1,1-Dichloroethene	96	5.825	5.820	0.005	90	908	0.0351	0.0439	
21 Acetone	43	6.130	6.033	0.097	71	3443	0.0351	0.1216	
22 Carbon disulfide	76	6.183	6.178	0.005	98	2599	0.0351	0.0471	
23 Isopropyl alcohol	45	6.557	6.407	0.150	83	1079	0.0351	0.0352	
24 3-Chloro-1-propene	41	6.557	6.562	-0.005	61	612	0.0351	0.0242	
25 Acetonitrile	41	6.573	6.610	-0.037	75	1123	0.0351	0.0877	
26 Methylene Chloride	49	6.839	6.834	0.005	90	1375	0.0351	0.0613	
28 2-Methyl-2-propanol	59	7.384	7.186	0.198	91	1762	0.0351	0.0408	
29 trans-1,2-Dichloroethene	61	7.309	7.293	0.016	95	1355	0.0351	0.0415	M
30 Methyl tert-butyl ether	73	7.464	7.320	0.144	93	3187	0.0351	0.0488	
31 Acrylonitrile	53	7.432	7.362	0.070	3	201	0.0351	0.0155	
32 Hexane	57	7.720	7.736	-0.016	86	1641	0.0351	0.0543	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.126	8.120	0.006	1	1791	0.0351	0.0453	
34 Vinyl acetate	43	8.302	8.232	0.070	63	1159	0.0351	0.0230	
35 cis-1,2-Dichloroethene	96	9.209	9.204	0.005	90	1098	0.0351	0.0422	M
36 2-Butanone (MEK)	72		9.262				ND	ND	
37 Ethyl acetate	88		9.353				ND	ND	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	88	270315	20.0	20.0	
39 Tetrahydrofuran	42	9.839	9.721	0.118	18	782	0.0351	0.0294	
40 Chloroform	83	9.801	9.796	0.005	90	1527	0.0351	0.0249	
41 1,1,1-Trichloroethane	97	10.063	10.063	0.000	94	3361	0.0351	0.0488	
42 Cyclohexane	84	10.079	10.079	0.000	79	832	0.0351	0.0215	
S 43 1,2-Dichloroethene, Total	61				0		0.0702	0.0837	
44 Carbon tetrachloride	117	10.335	10.335	0.000	92	2865	0.0351	0.0386	
45 Benzene	78	10.757	10.751	0.006	45	5668	0.0351	0.0540	
46 Isooctane	57		10.815				ND	ND	
47 1,2-Dichloroethane	62		10.901				ND	ND	
48 n-Heptane	43	11.221	11.221	0.000	81	1870	0.0351	0.0264	
* 49 1,4-Difluorobenzene	114	11.600	11.600	0.000	95	1802550	20.0	20.0	
50 Trichloroethene	95	12.080	12.069	0.011	93	2616	0.0351	0.0457	M
51 n-Butanol	56	12.331	12.112	0.219	52	852	0.0351	0.0306	
53 1,2-Dichloropropane	63	12.571	12.566	0.005	76	2499	0.0351	0.0448	
56 Dibromomethane	174	12.811	12.817	-0.006	72	1277	0.0351	0.0268	
55 Methyl methacrylate	69		12.817				ND	ND	
57 1,4-Dioxane	88		12.875				ND	ND	
58 Dichlorobromomethane	83	13.142	13.142	0.000	95	3595	0.0351	0.0351	
59 cis-1,3-Dichloropropene	75	14.119	14.103	0.016	96	3879	0.0351	0.0386	
61 4-Methyl-2-pentanone (MIBK)	43	14.551	14.439	0.112	96	5725	0.0351	0.0374	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	10979	NC	NC	
62 Toluene	92	14.743	14.722	0.021	91	4798	0.0351	0.0458	
64 n-Octane	43	14.909	14.898	0.011	97	8227	0.0351	0.0482	
A 65 C8 Range	1	14.910	(14.848-14.948)		0	25533	NC	NC	
66 trans-1,3-Dichloropropene	75	15.336	15.309	0.027	95	3276	0.0351	0.0373	
67 1,1,2-Trichloroethane	83		15.672				ND	ND	
68 Tetrachloroethene	166	15.854	15.848	0.006	94	3215	0.0351	0.0435	
69 2-Hexanone	43	16.307	16.195	0.112	8	1268	0.0351	0.008721	
70 Chlorodibromomethane	129	16.451	16.446	0.005	93	3480	0.0351	0.0386	
71 Ethylene Dibromide	107	16.702	16.691	0.011	95	3469	0.0351	0.0414	
* 72 Chlorobenzene-d5	117	17.631	17.631	0.001	92	1822119	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	83	6293	0.0351	0.0482	
74 Ethylbenzene	91	17.882	17.871	0.011	98	11268	0.0351	0.0482	
75 n-Nonane	57	18.111	18.105	0.006	94	6133	0.0351	0.0444	
76 m-Xylene & p-Xylene	106	18.138	18.127	0.011	0	7094	0.0702	0.0851	
77 o-Xylene	106	18.960	18.954	0.006	98	2215	0.0351	0.0270	
78 Styrene	104	19.018	19.002	0.016	71	2054	0.0351	0.0154	
80 Bromoform	173	19.424	19.413	0.011	92	2684	0.0351	0.0323	
81 Isopropylbenzene	105	19.717	19.707	0.010	98	11378	0.0351	0.0461	
S 82 Xylenes, Total	106				0		0.1052	0.1121	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.400	0.006	96	6102	0.0351	0.0446	
84 1,2,3-Trichloropropane	75	20.497	20.486	0.011	92	5362	0.0351	0.0466	
85 N-Propylbenzene	91	20.523	20.518	0.005	97	14322	0.0351	0.0454	
86 2-Chlorotoluene	91	20.715	20.710	0.005	97	9537	0.0351	0.0442	
87 4-Ethyltoluene	105	20.737	20.726	0.011	98	11537	0.0351	0.0463	
88 n-Decane	57	20.801	20.801	0.000	84	7787	0.0351	0.0429	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.854	20.849	0.005	89	9800	0.0351	0.0477	
90 Alpha Methyl Styrene	118	21.249	21.238	0.011	80	4023	0.0351	0.0402	
91 tert-Butylbenzene	119	21.377	21.372	0.005	92	9530	0.0351	0.0501	
92 1,2,4-Trimethylbenzene	105	21.484	21.473	0.011	99	9420	0.0351	0.0458	
93 sec-Butylbenzene	105	21.729	21.724	0.005	98	15088	0.0351	0.0496	
95 1,3-Dichlorobenzene	146	21.959	21.943	0.016	79	6040	0.0351	0.0472	
94 4-Isopropyltoluene	119	21.948	21.943	0.005	96	11418	0.0351	0.0471	
96 1,4-Dichlorobenzene	146	22.092	22.087	0.005	88	6401	0.0351	0.0490	
97 Benzyl chloride	91	22.295	22.279	0.016	97	9616	0.0351	0.0451	
98 n-Butylbenzene	91	22.541	22.530	0.011	98	12523	0.0351	0.0471	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	77	6334	0.0351	0.0518	
99 Undecane	57	22.621	22.615	0.006	93	9470	0.0351	0.0506	
101 Dodecane	57	24.110	24.104	0.006	92	9154	0.0351	0.0462	
102 1,2,4-Trichlorobenzene	180	24.937	24.926	0.011	92	5260	0.0351	0.0440	
103 Hexachlorobutadiene	225	25.129	25.134	-0.005	95	5153	0.0351	0.0476	
104 Naphthalene	128	25.348	25.332	0.016	98	12763	0.0351	0.0476	
105 1,2,3-Trichlorobenzene	180	25.775	25.764	0.011	91	4878	0.0351	0.0493	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL1w_00240	Amount Added: 35.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

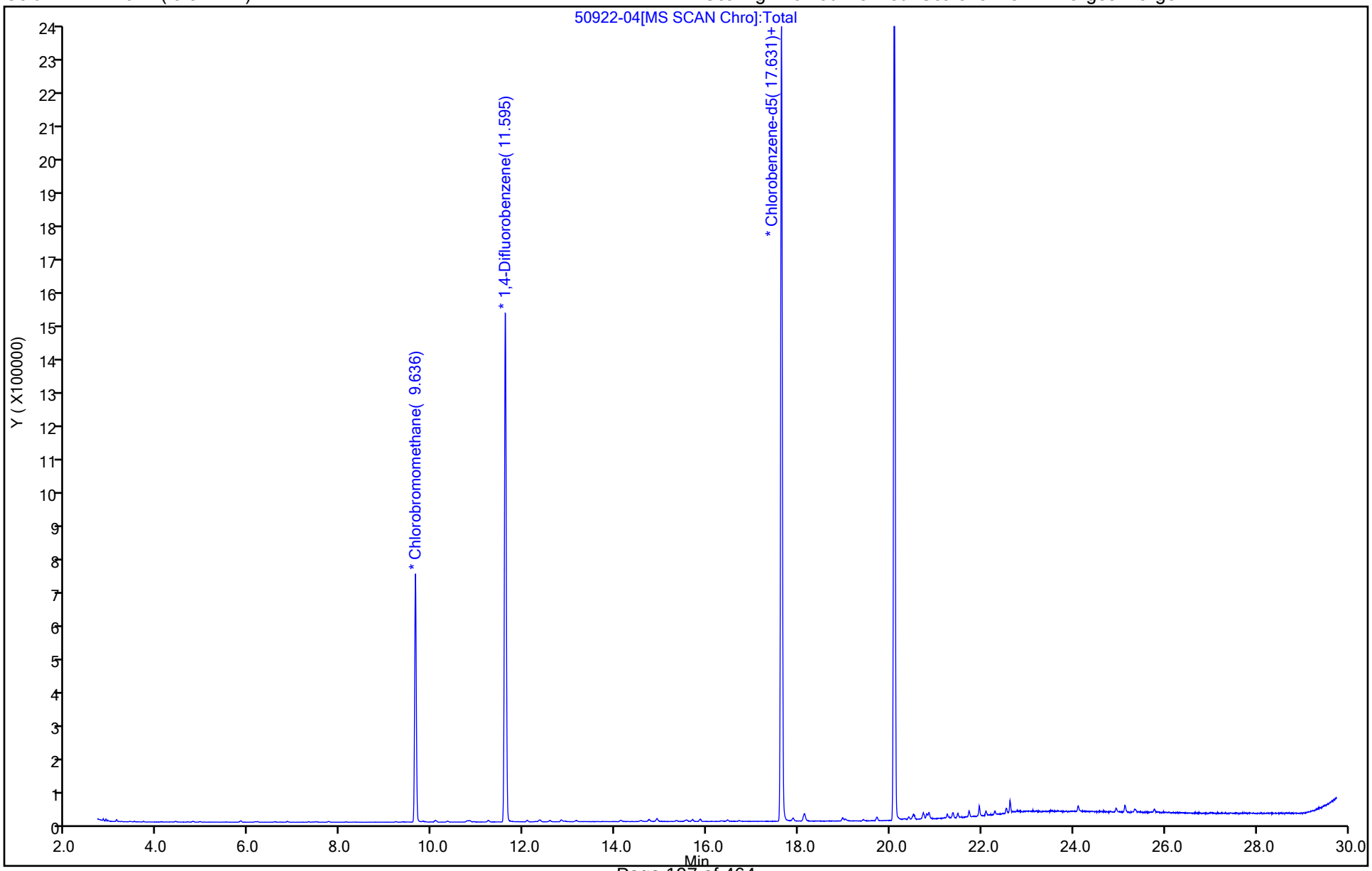
Report Date: 20-May-2022 09:18:13 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-04.D

Injection Date:	19-May-2022 15:56:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington

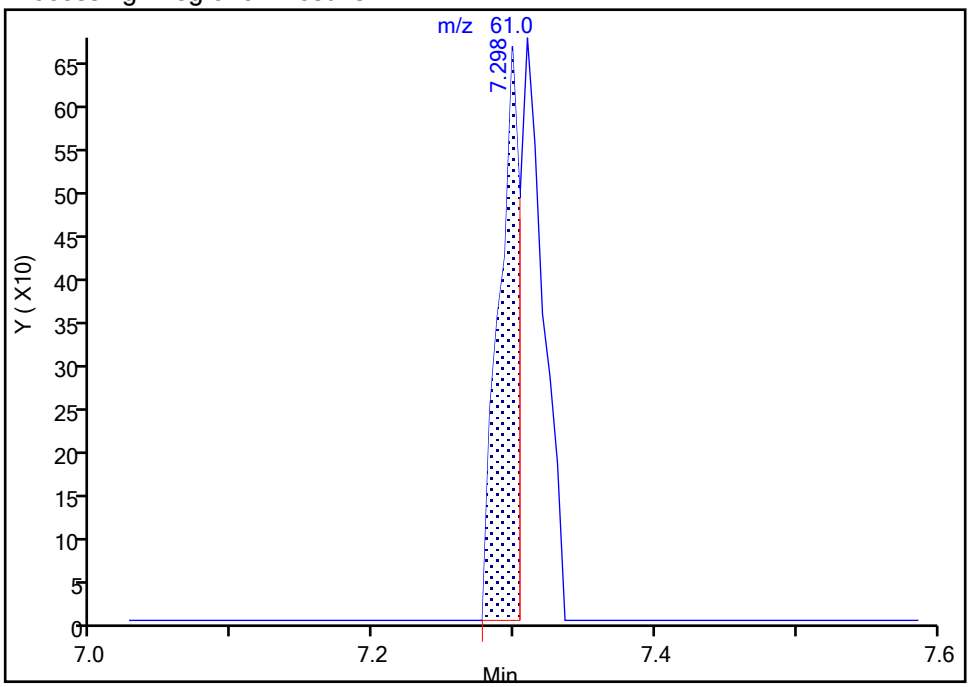
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-04.D				
Injection Date:	19-May-2022 15:56:30	Instrument ID:	CHC.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

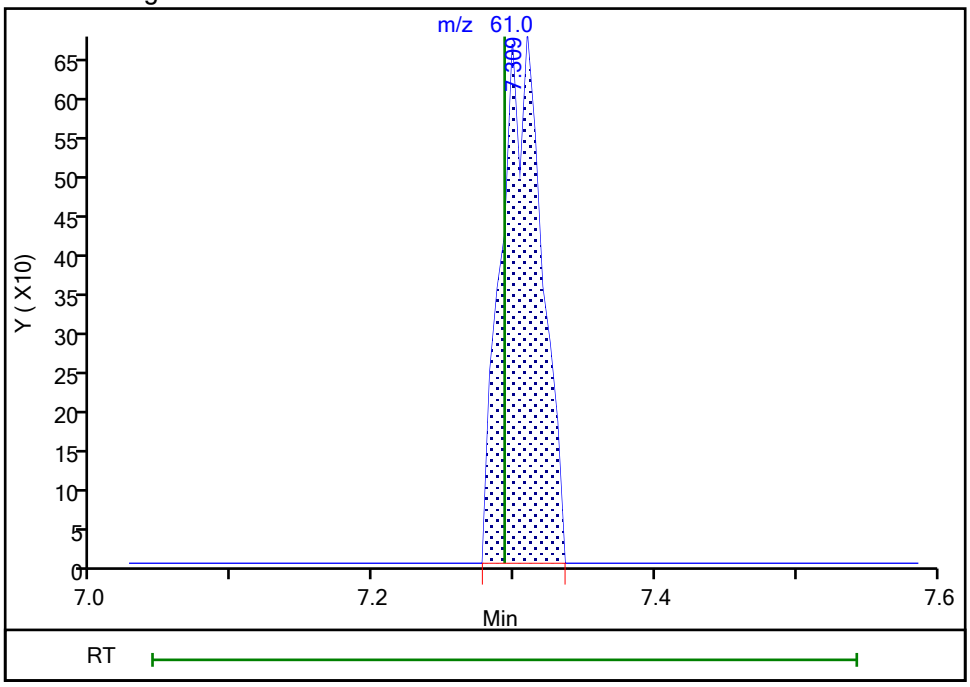
Processing Integration Results

RT: 7.30
Area: 699
Amount: 0.023037
Amount Units: ppb v/v



Manual Integration Results

RT: 7.31
Area: 1355
Amount: 0.041462
Amount Units: ppb v/v



Reviewer: phamvu, 20-May-2022 08:36:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Burlington

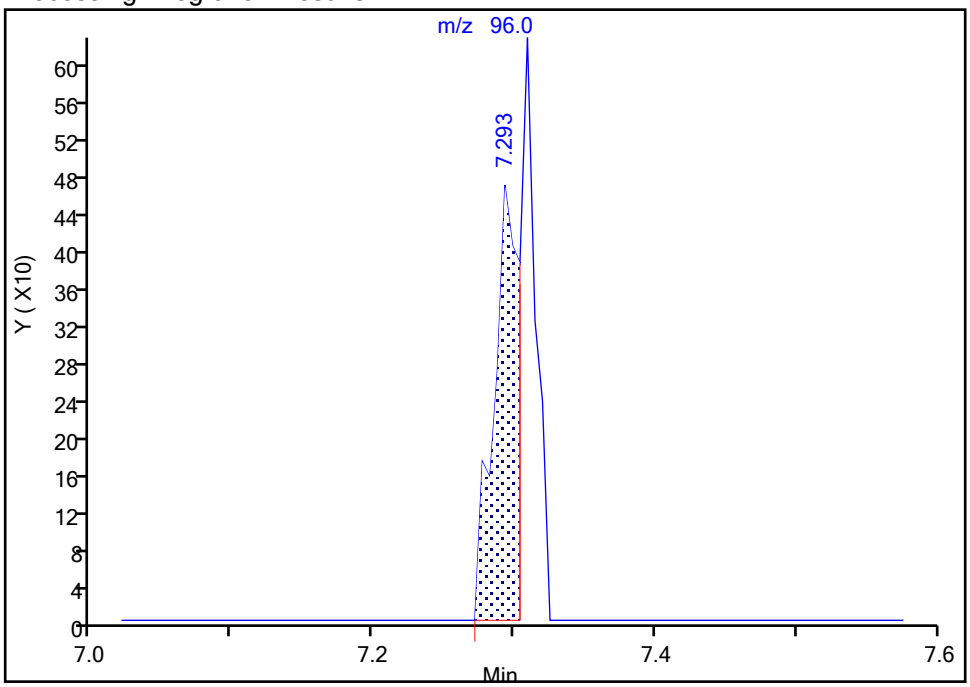
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-04.D
Injection Date: 19-May-2022 15:56:30 Instrument ID: CHC.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 2

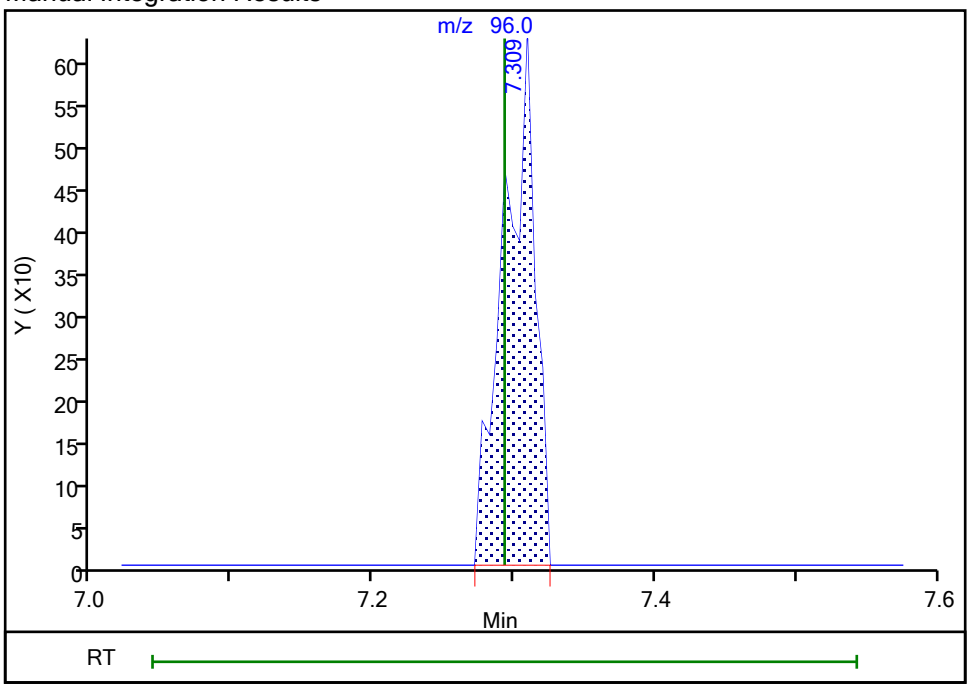
Processing Integration Results

RT: 7.29
Area: 593
Amount: 0.023037
Amount Units: ppb v/v



Manual Integration Results

RT: 7.31
Area: 973
Amount: 0.041462
Amount Units: ppb v/v



Reviewer: phamvu, 20-May-2022 08:36:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Burlington

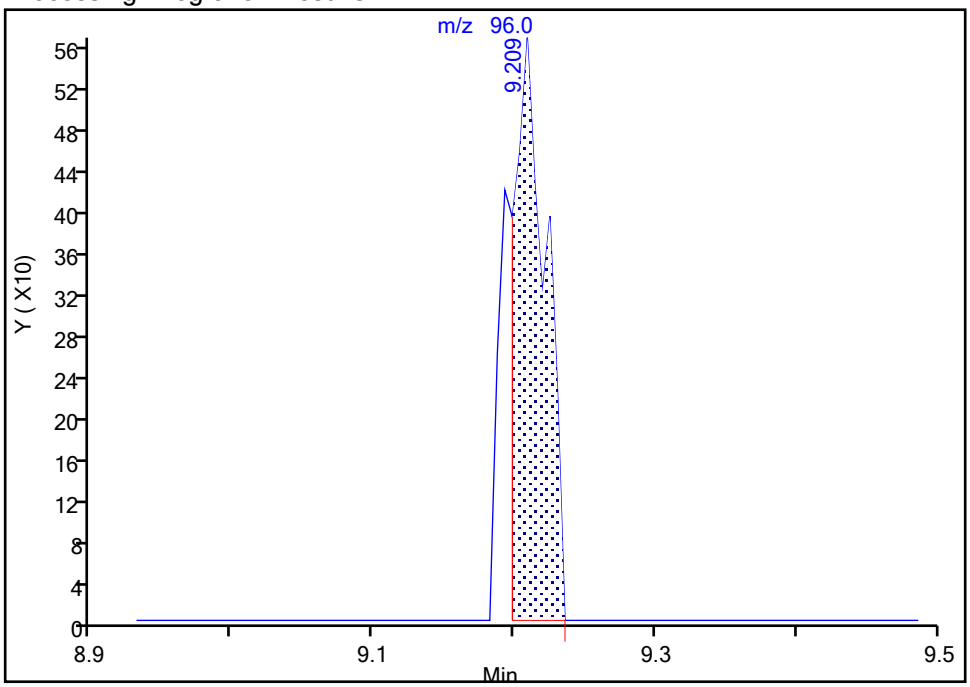
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-04.D
Injection Date: 19-May-2022 15:56:30 Instrument ID: CHC.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Signal: 1

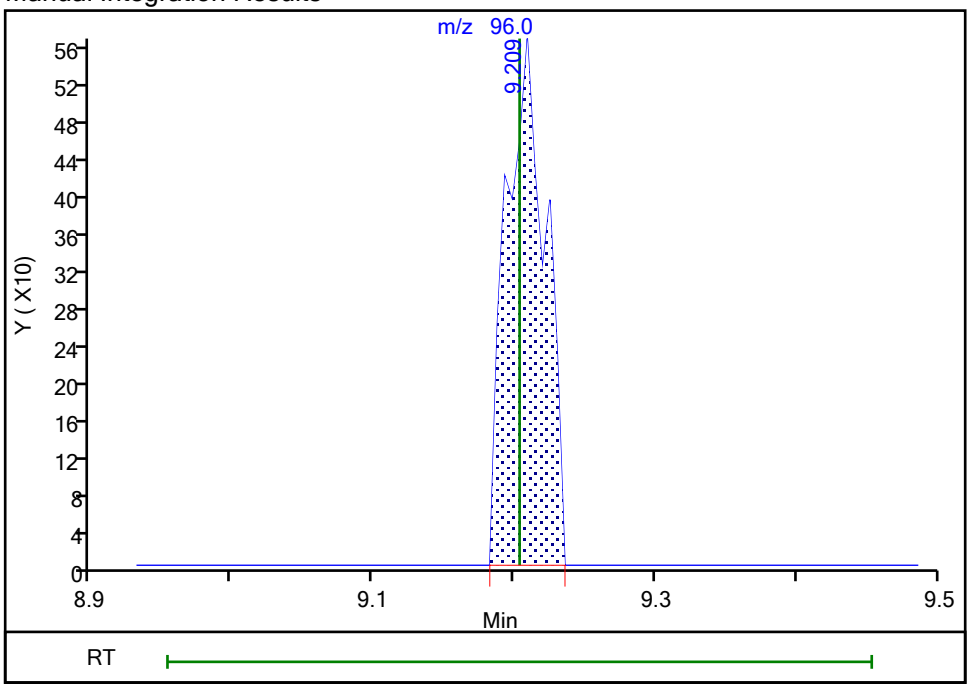
Processing Integration Results

RT: 9.21
Area: 882
Amount: 0.034948
Amount Units: ppb v/v



Manual Integration Results

RT: 9.21
Area: 1098
Amount: 0.042219
Amount Units: ppb v/v



Reviewer: phamvu, 20-May-2022 08:36:52
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Burlington

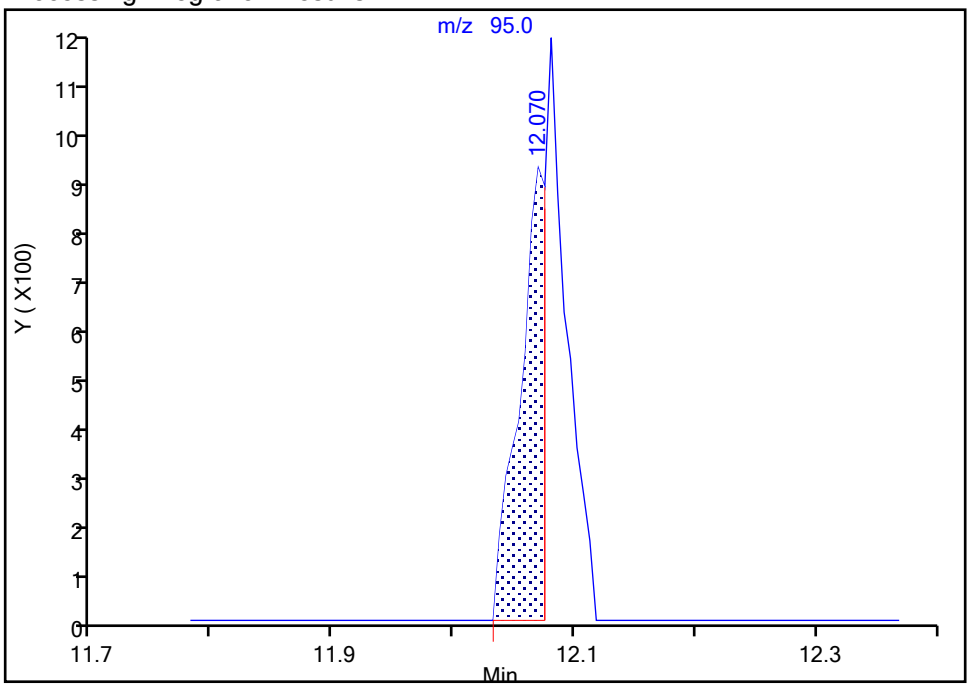
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-04.D
Injection Date: 19-May-2022 15:56:30 Instrument ID: CHC.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

50 Trichloroethene, CAS: 79-01-6

Signal: 1

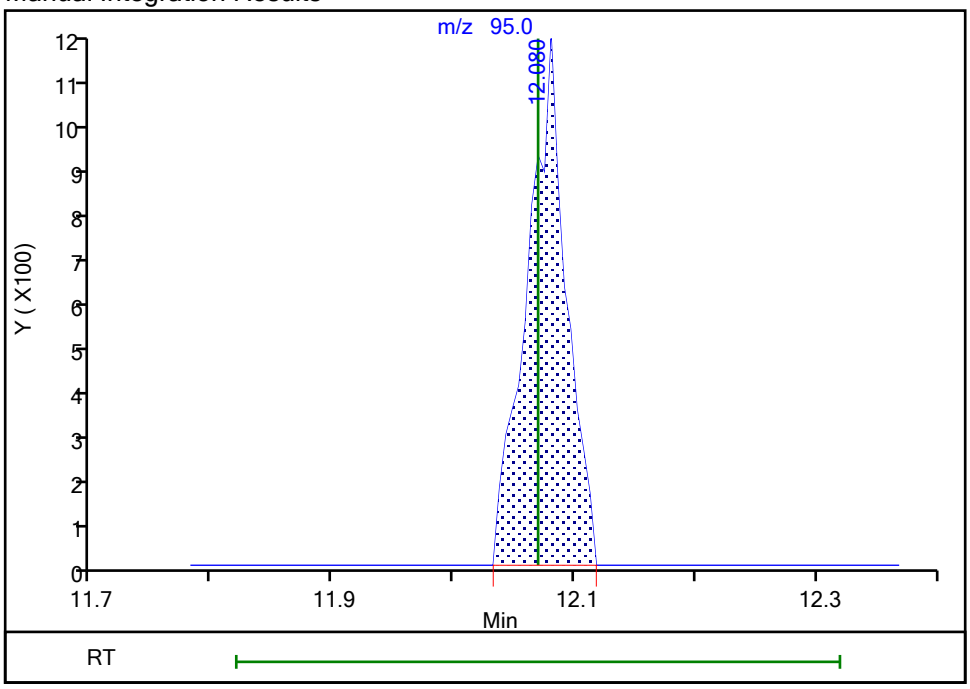
Processing Integration Results

RT: 12.07
Area: 1370
Amount: 0.025936
Amount Units: ppb v/v



Manual Integration Results

RT: 12.08
Area: 2616
Amount: 0.045685
Amount Units: ppb v/v



Reviewer: phamvu, 20-May-2022 08:37:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Burlington

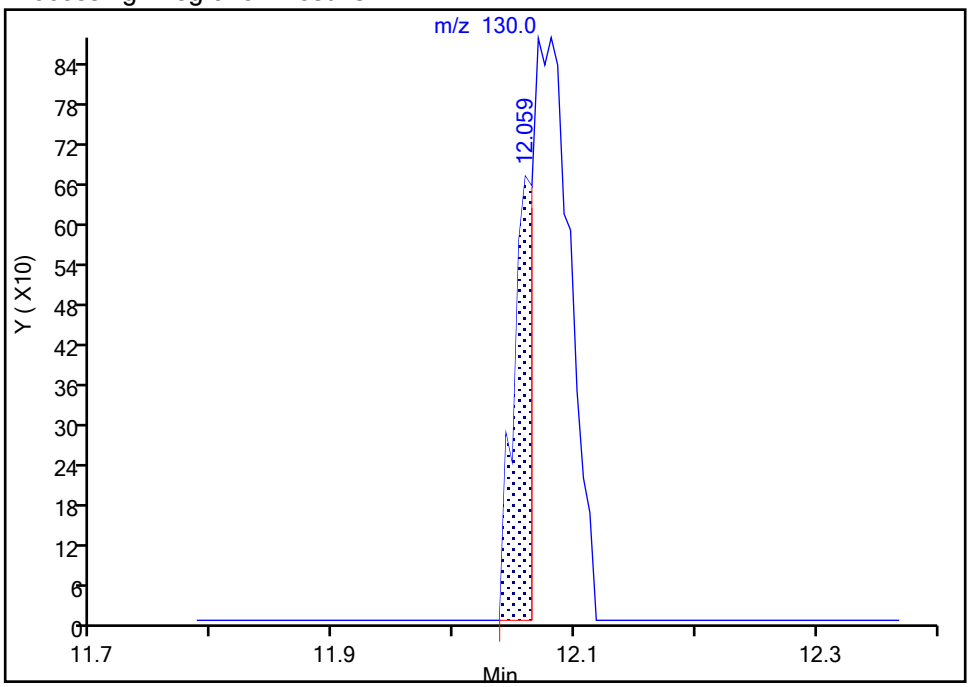
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-04.D				
Injection Date:	19-May-2022 15:56:30	Instrument ID:	CHC.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6

Signal: 2

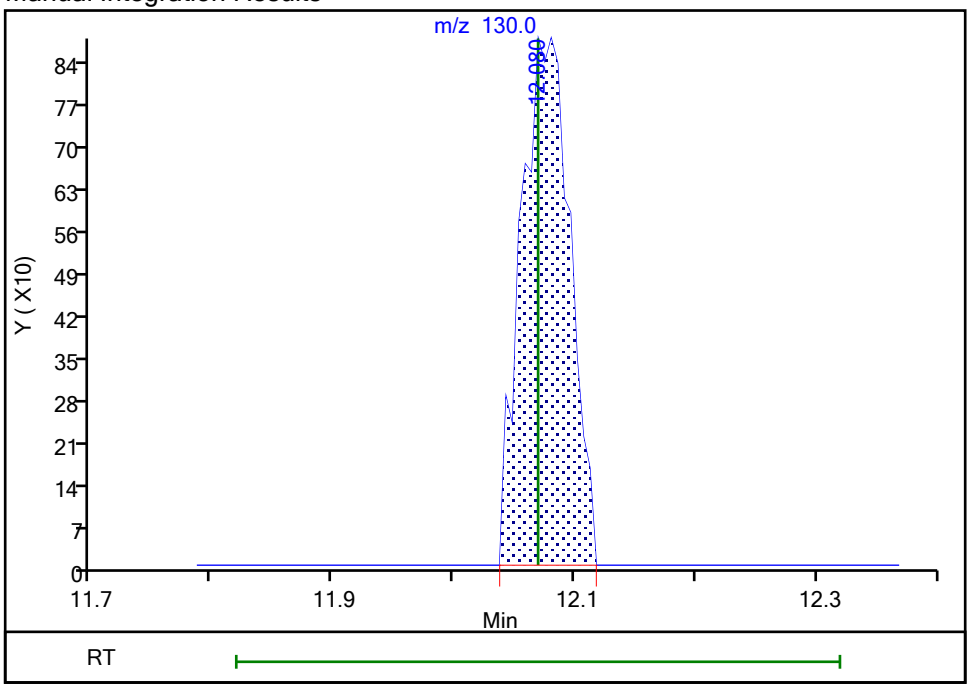
Processing Integration Results

RT: 12.06
Area: 766
Amount: 0.025936
Amount Units: ppb v/v



Manual Integration Results

RT: 12.08
Area: 2467
Amount: 0.045685
Amount Units: ppb v/v



Reviewer: phamvu, 20-May-2022 08:37:13

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-05.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-May-2022 16:51:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-005
Misc. Info.: ic-02
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:15 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 08:40:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.810	2.810	0.000	98	6137	0.2004	0.2536	
2 Dichlorodifluoromethane	85	2.874	2.874	0.000	99	19045	0.2004	0.2346	
3 Chlorodifluoromethane	51	2.911	2.911	0.000	97	11504	0.2004	0.2566	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.103	3.103	0.000	93	15432	0.2004	0.2334	
5 Chloromethane	50	3.210	3.210	0.000	99	4759	0.2004	0.2631	
6 Butane	43	3.397	3.397	0.000	95	5415	0.2004	0.2484	
7 Vinyl chloride	62	3.424	3.424	0.000	99	3590	0.2004	0.2209	
8 Butadiene	54	3.493	3.493	0.000	92	2647	0.2004	0.2197	
9 Bromomethane	94	4.080	4.075	0.005	92	3161	0.2004	0.2251	
10 Chloroethane	64	4.299	4.294	0.005	96	2123	0.2004	0.2389	
11 2-Methylbutane	43	4.390	4.400	-0.010	86	4720	0.2004	0.2346	
13 Vinyl bromide	106	4.651	4.656	-0.005	97	4549	0.2004	0.2252	
14 Trichlorofluoromethane	101	4.774	4.774	0.000	99	14867	0.2004	0.2296	
15 Pentane	43	4.923	4.923	0.000	91	6882	0.2004	0.2358	
16 Ethanol	45	5.414	5.345	0.069	98	3371	0.4009	0.4614	
17 Ethyl ether	59	5.489	5.430	0.059	90	2778	0.2004	0.2104	
18 Acrolein	56	5.756	5.719	0.037	29	1265	0.2004	0.1754	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.809	0.000	94	10641	0.2004	0.2311	
20 1,1-Dichloroethene	96	5.825	5.820	0.005	97	4384	0.2004	0.2120	
21 Acetone	43	6.103	6.033	0.070	98	9837	0.2004	0.3479	
22 Carbon disulfide	76	6.177	6.178	-0.001	99	12601	0.2004	0.2287	
23 Isopropyl alcohol	45	6.519	6.407	0.112	96	6475	0.2004	0.2113	
24 3-Chloro-1-propene	41	6.562	6.562	0.000	97	6176	0.2004	0.2445	
25 Acetonitrile	41	6.642	6.610	0.032	99	2779	0.2004	0.2174	
26 Methylene Chloride	49	6.834	6.834	0.000	93	5753	0.2004	0.2568	
28 2-Methyl-2-propanol	59	7.336	7.186	0.150	96	9332	0.2004	0.2166	
29 trans-1,2-Dichloroethene	61	7.298	7.293	0.005	97	7121	0.2004	0.2182	
30 Methyl tert-butyl ether	73	7.426	7.320	0.106	95	14700	0.2004	0.2254	
31 Acrylonitrile	53	7.400	7.362	0.038	87	1991	0.2004	0.1536	
32 Hexane	57	7.736	7.736	0.000	93	6828	0.2004	0.2261	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.120	8.120	0.000	99	8324	0.2004	0.2108	
34 Vinyl acetate	43	8.269	8.232	0.037	99	10240	0.2004	0.2034	
35 cis-1,2-Dichloroethene	96	9.203	9.204	-0.001	95	5603	0.2004	0.2157	
36 2-Butanone (MEK)	72	9.342	9.262	0.080	98	2485	0.2004	0.2107	
37 Ethyl acetate	88		9.353				ND	ND	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	89	269981	20.0	20.0	
39 Tetrahydrofuran	42	9.812	9.721	0.091	91	6079	0.2004	0.2288	
40 Chloroform	83	9.796	9.796	0.000	97	13572	0.2004	0.2218	
41 1,1,1-Trichloroethane	97	10.063	10.063	0.000	98	15277	0.2004	0.2220	
42 Cyclohexane	84	10.079	10.079	0.000	95	8578	0.2004	0.2213	
S 43 1,2-Dichloroethene, Total	61				0		0.4009	0.4339	
44 Carbon tetrachloride	117	10.335	10.335	0.000	96	14715	0.2004	0.1983	
45 Benzene	78	10.756	10.751	0.005	97	23988	0.2004	0.2286	
46 Isooctane	57	10.821	10.815	0.006	98	38127	0.2004	0.2252	
47 1,2-Dichloroethane	62	10.906	10.901	0.005	93	11002	0.2004	0.2190	
48 n-Heptane	43	11.231	11.221	0.010	94	16285	0.2004	0.2296	
* 49 1,4-Difluorobenzene	114	11.594	11.600	-0.006	97	1801804	20.0	20.0	
50 Trichloroethene	95	12.069	12.069	0.000	94	11783	0.2004	0.2059	
51 n-Butanol	56	12.208	12.112	0.096	91	5711	0.2004	0.2052	
53 1,2-Dichloropropane	63	12.566	12.566	0.000	85	12172	0.2004	0.2181	
56 Dibromomethane	174	12.817	12.817	0.000	95	11085	0.2004	0.2326	
55 Methyl methacrylate	69	12.849	12.817	0.032	92	9546	0.2004	0.1865	
57 1,4-Dioxane	88	13.094	12.875	0.219	42	2079	0.2004	0.0773	
58 Dichlorobromomethane	83	13.147	13.142	0.005	98	20947	0.2004	0.2044	
59 cis-1,3-Dichloropropene	75	14.113	14.103	0.010	97	20704	0.2004	0.2062	
61 4-Methyl-2-pentanone (MIBK)	43	14.519	14.439	0.080	97	30196	0.2004	0.1975	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	91725	NC	NC	
62 Toluene	92	14.727	14.722	0.005	93	22371	0.2004	0.2143	
64 n-Octane	43	14.903	14.898	0.005	97	37852	0.2004	0.2219	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	123588	NC	NC	
66 trans-1,3-Dichloropropene	75	15.325	15.309	0.016	97	17658	0.2004	0.2009	
67 1,1,2-Trichloroethane	83	15.677	15.672	0.005	97	11135	0.2004	0.2120	
68 Tetrachloroethene	166	15.848	15.848	0.000	94	15299	0.2004	0.2080	
69 2-Hexanone	43	16.254	16.195	0.058	91	27077	0.2004	0.1870	
70 Chlorodibromomethane	129	16.446	16.446	0.000	95	16725	0.2004	0.1865	
71 Ethylene Dibromide	107	16.702	16.691	0.011	98	16800	0.2004	0.2013	
* 72 Chlorobenzene-d5	117	17.630	17.631	0.000	92	1814506	20.0	20.0	
73 Chlorobenzene	112	17.684	17.689	-0.005	92	28854	0.2004	0.2218	
74 Ethylbenzene	91	17.881	17.871	0.010	99	49810	0.2004	0.2140	
75 n-Nonane	57	18.111	18.105	0.006	96	30334	0.2004	0.2205	
76 m-Xylene & p-Xylene	106	18.132	18.127	0.005	0	35021	0.4009	0.4218	
77 o-Xylene	106	18.965	18.954	0.011	97	17069	0.2004	0.2091	
78 Styrene	104	19.013	19.002	0.011	97	25751	0.2004	0.1945	
80 Bromoform	173	19.413	19.413	0.000	93	13849	0.2004	0.1675	
81 Isopropylbenzene	105	19.706	19.707	-0.001	99	51838	0.2004	0.2111	
S 82 Xylenes, Total	106				0		0.6013	0.6309	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.400	0.006	98	29140	0.2004	0.2140	
84 1,2,3-Trichloropropane	75	20.491	20.486	0.005	97	24394	0.2004	0.2128	
85 N-Propylbenzene	91	20.523	20.518	0.005	98	68704	0.2004	0.2187	
86 2-Chlorotoluene	91	20.715	20.710	0.005	97	44449	0.2004	0.2069	
87 4-Ethyltoluene	105	20.726	20.726	0.000	97	52939	0.2004	0.2133	
88 n-Decane	57	20.801	20.801	0.000	84	38652	0.2004	0.2140	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.854	20.849	0.005	92	44286	0.2004	0.2165	
90 Alpha Methyl Styrene	118	21.244	21.238	0.006	84	18970	0.2004	0.1902	
91 tert-Butylbenzene	119	21.372	21.372	0.000	90	39726	0.2004	0.2097	
92 1,2,4-Trimethylbenzene	105	21.478	21.473	0.005	99	43403	0.2004	0.2119	
93 sec-Butylbenzene	105	21.724	21.724	0.000	98	64512	0.2004	0.2128	
95 1,3-Dichlorobenzene	146	21.948	21.943	0.005	74	28057	0.2004	0.2201	
94 4-Isopropyltoluene	119	21.948	21.943	0.005	97	52528	0.2004	0.2175	
96 1,4-Dichlorobenzene	146	22.092	22.087	0.005	91	29279	0.2004	0.2253	
97 Benzyl chloride	91	22.284	22.279	0.005	97	43732	0.2004	0.2058	
98 n-Butylbenzene	91	22.535	22.530	0.005	98	57070	0.2004	0.2157	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	92	27611	0.2004	0.2267	
99 Undecane	57	22.620	22.615	0.005	93	45702	0.2004	0.2451	
101 Dodecane	57	24.104	24.104	0.000	92	45279	0.2004	0.2293	
102 1,2,4-Trichlorobenzene	180	24.931	24.926	0.005	93	25598	0.2004	0.2151	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	97	23520	0.2004	0.2183	
104 Naphthalene	128	25.337	25.332	0.005	98	58737	0.2004	0.2198	
105 1,2,3-Trichlorobenzene	180	25.769	25.764	0.005	94	21239	0.2004	0.2155	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL1w_00240	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

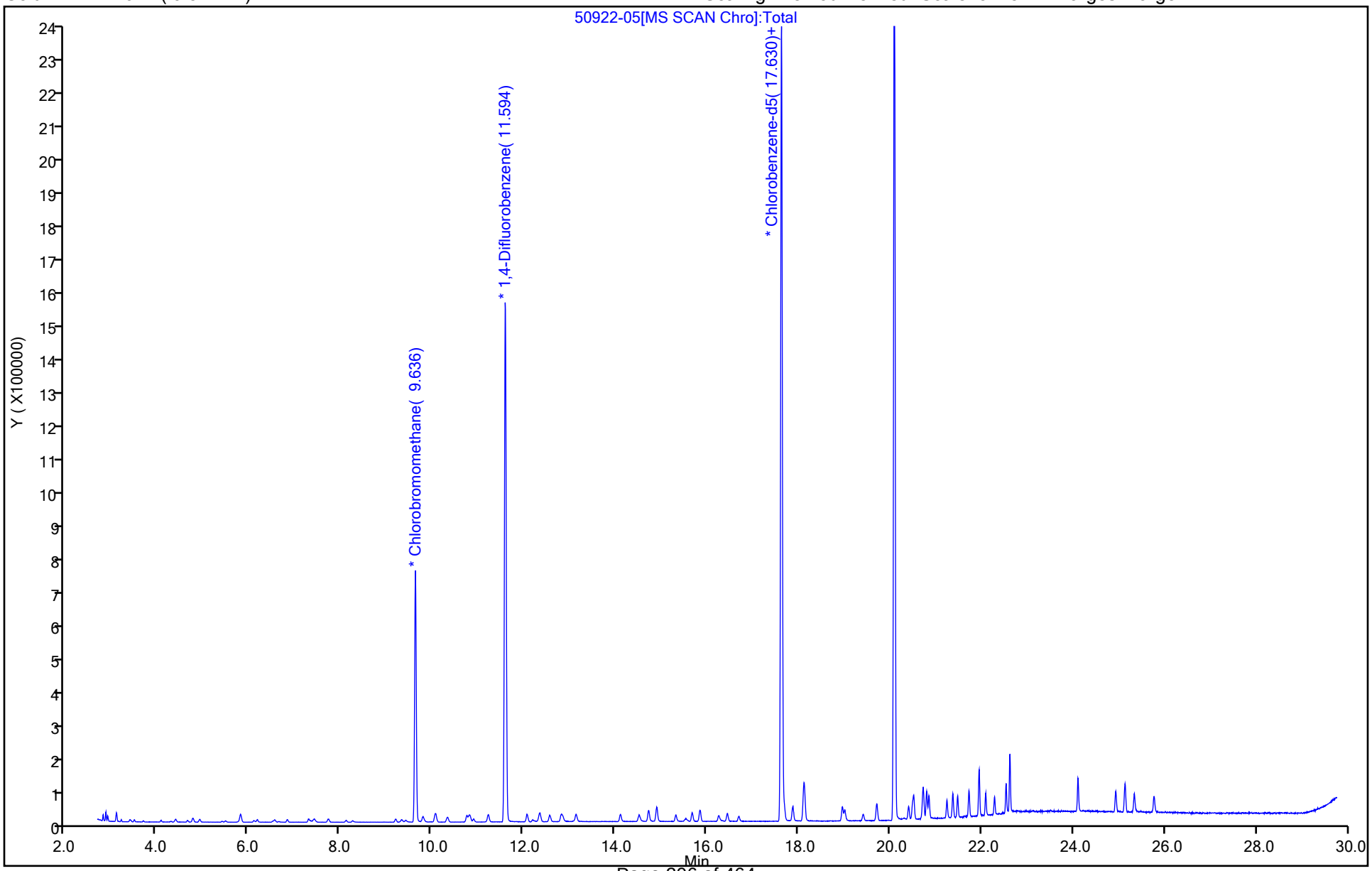
Report Date: 20-May-2022 09:18:15 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-05.D

Injection Date:	19-May-2022 16:51:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-06.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-May-2022 17:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-006
Misc. Info.: ic-03
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:17 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 08:41:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.810	2.810	0.000	97	15014	0.5005	0.6243	
2 Dichlorodifluoromethane	85	2.874	2.874	0.000	99	47987	0.5005	0.5948	
3 Chlorodifluoromethane	51	2.911	2.911	0.000	97	27176	0.5005	0.6100	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.104	3.103	0.001	93	38057	0.5005	0.5793	
5 Chloromethane	50	3.210	3.210	0.000	100	11169	0.5005	0.6212	
6 Butane	43	3.397	3.397	0.000	96	13582	0.5005	0.6270	
7 Vinyl chloride	62	3.418	3.424	-0.006	98	9218	0.5005	0.5708	
8 Butadiene	54	3.488	3.493	-0.005	94	6766	0.5005	0.5650	
9 Bromomethane	94	4.080	4.075	0.005	96	8190	0.5005	0.5868	
10 Chloroethane	64	4.294	4.294	0.000	95	5113	0.5005	0.5790	
11 2-Methylbutane	43	4.395	4.400	-0.005	90	12107	0.5005	0.6055	
13 Vinyl bromide	106	4.657	4.656	0.001	98	11434	0.5005	0.5696	
14 Trichlorofluoromethane	101	4.769	4.774	-0.005	99	37043	0.5005	0.5758	
15 Pentane	43	4.923	4.923	0.000	92	17648	0.5005	0.6086	
16 Ethanol	45	5.372	5.345	0.027	97	40233	5.01	5.54	
17 Ethyl ether	59	5.473	5.430	0.043	88	7564	0.5005	0.5764	
18 Acrolein	56	5.745	5.719	0.026	89	3572	0.5005	0.4983	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.809	0.000	97	26508	0.5005	0.5792	
20 1,1-Dichloroethene	96	5.815	5.820	-0.005	97	11655	0.5005	0.5672	
21 Acetone	43	6.081	6.033	0.048	99	20775	0.5005	0.7394	
22 Carbon disulfide	76	6.178	6.178	0.000	100	31822	0.5005	0.5811	
23 Isopropyl alcohol	45	6.492	6.407	0.085	99	17373	0.5005	0.5705	
24 3-Chloro-1-propene	41	6.562	6.562	0.000	97	14019	0.5005	0.5584	
25 Acetonitrile	41	6.637	6.610	0.027	94	7258	0.5005	0.5713	
26 Methylene Chloride	49	6.834	6.834	0.000	92	13741	0.5005	0.6172	
28 2-Methyl-2-propanol	59	7.309	7.186	0.123	92	24672	0.5005	0.5762	
29 trans-1,2-Dichloroethene	61	7.298	7.293	0.005	95	18497	0.5005	0.5702	
30 Methyl tert-butyl ether	73	7.394	7.320	0.074	95	36233	0.5005	0.5591	
31 Acrylonitrile	53	7.389	7.362	0.027	53	7101	0.5005	0.5512	
32 Hexane	57	7.731	7.736	-0.005	90	17536	0.5005	0.5842	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.120	8.120	0.000	99	22155	0.5005	0.5646	
34 Vinyl acetate	43	8.254	8.232	0.022	99	26211	0.5005	0.5238	
35 cis-1,2-Dichloroethene	96	9.198	9.204	-0.006	95	14375	0.5005	0.5569	
36 2-Butanone (MEK)	72	9.316	9.262	0.054	100	6659	0.5005	0.5680	
37 Ethyl acetate	88	9.385	9.353	0.032	99	1085	0.5005	0.5320	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	89	268305	20.0	20.0	
39 Tetrahydrofuran	42	9.791	9.721	0.070	61	16490	0.5005	0.6287	
40 Chloroform	83	9.791	9.796	-0.005	96	34735	0.5005	0.5713	
41 1,1,1-Trichloroethane	97	10.068	10.063	0.005	98	38444	0.5005	0.5659	
42 Cyclohexane	84	10.073	10.079	-0.006	97	22144	0.5005	0.5787	
S 43 1,2-Dichloroethene, Total	61				0		1.00	1.13	
44 Carbon tetrachloride	117	10.335	10.335	0.000	97	40099	0.5005	0.5475	
45 Benzene	78	10.751	10.751	0.000	96	60428	0.5005	0.5835	
46 Isooctane	57	10.815	10.815	0.000	98	97617	0.5005	0.5842	
47 1,2-Dichloroethane	62	10.901	10.901	0.000	92	27553	0.5005	0.5556	
48 n-Heptane	43	11.221	11.221	0.000	95	41756	0.5005	0.5965	
* 49 1,4-Difluorobenzene	114	11.600	11.600	0.000	96	1778498	20.0	20.0	
50 Trichloroethene	95	12.070	12.069	0.001	94	30676	0.5005	0.5430	
51 n-Butanol	56	12.171	12.112	0.059	93	18915	0.5005	0.6886	
53 1,2-Dichloropropane	63	12.566	12.566	0.000	89	31452	0.5005	0.5710	
56 Dibromomethane	174	12.817	12.817	0.000	92	25411	0.5005	0.5403	
55 Methyl methacrylate	69	12.838	12.817	0.021	93	25782	0.5005	0.5103	
57 1,4-Dioxane	88	13.035	12.875	0.160	97	12645	0.5005	0.4764	
58 Dichlorobromomethane	83	13.142	13.142	0.000	98	54072	0.5005	0.5346	
59 cis-1,3-Dichloropropene	75	14.108	14.103	0.005	96	52917	0.5005	0.5339	
61 4-Methyl-2-pentanone (MIBK)	43	14.498	14.439	0.059	96	83271	0.5005	0.5519	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	247916	NC	NC	
62 Toluene	92	14.727	14.722	0.005	93	56805	0.5005	0.5511	
64 n-Octane	43	14.903	14.898	0.005	98	94374	0.5005	0.5604	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	316060	NC	NC	
66 trans-1,3-Dichloropropene	75	15.314	15.309	0.005	97	44826	0.5005	0.5167	
67 1,1,2-Trichloroethane	83	15.677	15.672	0.005	97	28778	0.5005	0.5550	
68 Tetrachloroethene	166	15.848	15.848	0.000	94	38266	0.5005	0.5269	
69 2-Hexanone	43	16.238	16.195	0.043	91	82056	0.5005	0.5740	
70 Chlorodibromomethane	129	16.446	16.446	0.000	97	47074	0.5005	0.5317	
71 Ethylene Dibromide	107	16.691	16.691	0.000	97	43882	0.5005	0.5325	
* 72 Chlorobenzene-d5	117	17.631	17.631	0.001	92	1791414	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	90	71087	0.5005	0.5534	
74 Ethylbenzene	91	17.876	17.871	0.005	99	127697	0.5005	0.5556	
75 n-Nonane	57	18.111	18.105	0.006	96	77785	0.5005	0.5728	
76 m-Xylene & p-Xylene	106	18.132	18.127	0.005	0	91584	1.00	1.12	
77 o-Xylene	106	18.959	18.954	0.005	97	44007	0.5005	0.5460	
78 Styrene	104	19.007	19.002	0.005	98	68145	0.5005	0.5212	
80 Bromoform	173	19.413	19.413	0.000	94	42675	0.5005	0.5229	
81 Isopropylbenzene	105	19.712	19.707	0.005	99	133833	0.5005	0.5521	
S 82 Xylenes, Total	106				0		1.50	1.66	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.400	0.006	97	74892	0.5005	0.5571	
84 1,2,3-Trichloropropane	75	20.491	20.486	0.005	97	65145	0.5005	0.5756	
85 N-Propylbenzene	91	20.518	20.518	0.000	98	172735	0.5005	0.5569	
86 2-Chlorotoluene	91	20.715	20.710	0.005	97	118948	0.5005	0.5608	
87 4-Ethyltoluene	105	20.731	20.726	0.005	97	137220	0.5005	0.5600	
88 n-Decane	57	20.801	20.801	0.000	85	101923	0.5005	0.5715	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.849	20.849	0.000	92	110957	0.5005	0.5493	
90 Alpha Methyl Styrene	118	21.244	21.238	0.006	85	50229	0.5005	0.5101	
91 tert-Butylbenzene	119	21.372	21.372	0.000	90	105747	0.5005	0.5654	
92 1,2,4-Trimethylbenzene	105	21.473	21.473	0.000	99	111865	0.5005	0.5533	
93 sec-Butylbenzene	105	21.724	21.724	0.000	98	168771	0.5005	0.5639	
95 1,3-Dichlorobenzene	146	21.943	21.943	0.000	79	71580	0.5005	0.5689	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	97	133342	0.5005	0.5592	
96 1,4-Dichlorobenzene	146	22.092	22.087	0.005	92	71174	0.5005	0.5547	
97 Benzyl chloride	91	22.279	22.279	0.000	97	111038	0.5005	0.5294	
98 n-Butylbenzene	91	22.535	22.530	0.005	98	145278	0.5005	0.5563	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	89	68246	0.5005	0.5676	
99 Undecane	57	22.621	22.615	0.006	94	113150	0.5005	0.6147	
101 Dodecane	57	24.104	24.104	0.000	92	106661	0.5005	0.5471	
102 1,2,4-Trichlorobenzene	180	24.926	24.926	0.000	94	64689	0.5005	0.5506	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	97	58584	0.5005	0.5509	
104 Naphthalene	128	25.332	25.332	0.000	98	147183	0.5005	0.5578	
105 1,2,3-Trichlorobenzene	180	25.764	25.764	0.000	94	54405	0.5005	0.5590	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL2w_00314	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

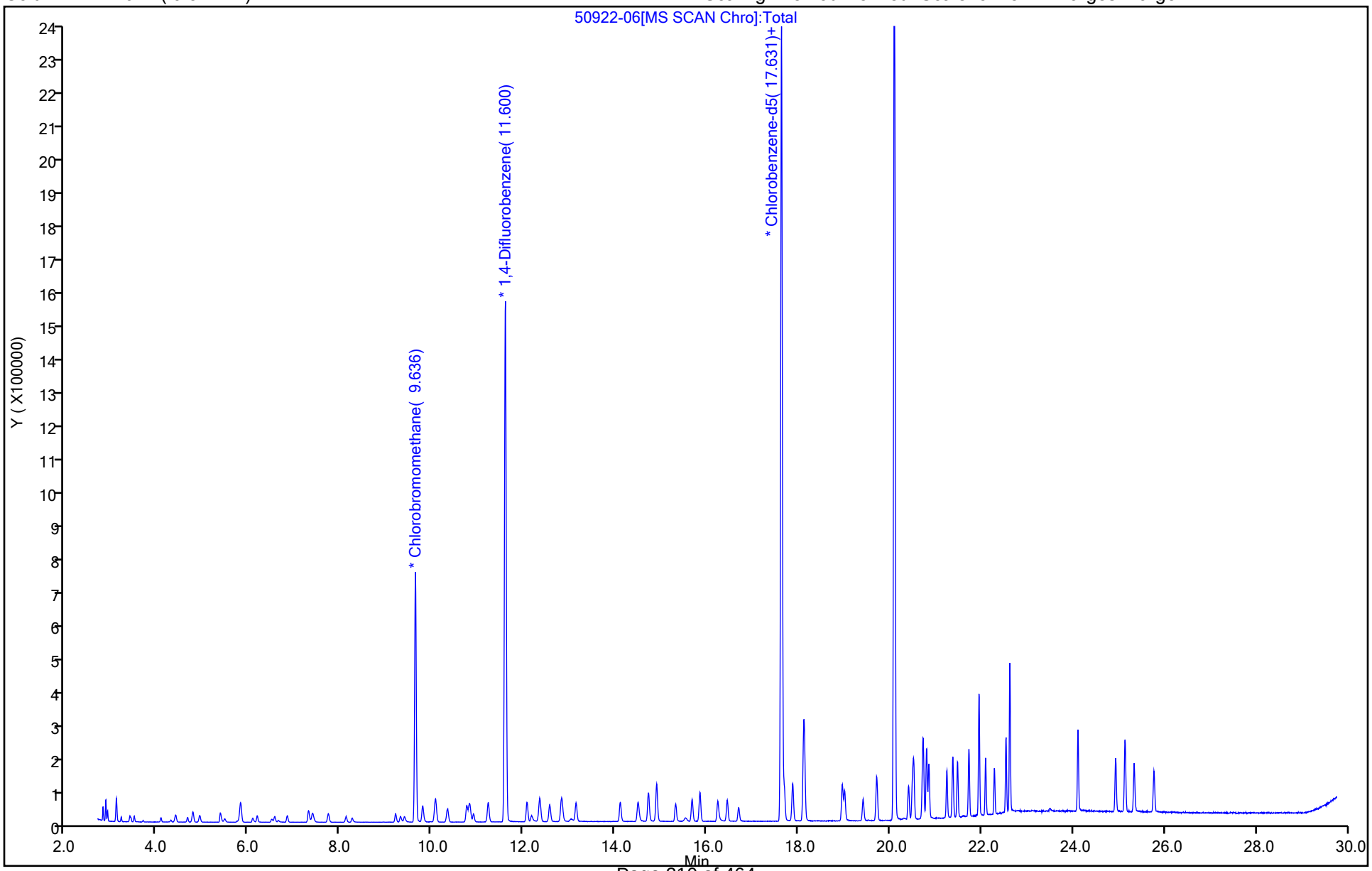
Report Date: 20-May-2022 09:18:17 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-06.D

Injection Date:	19-May-2022 17:46:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-07.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-May-2022 18:40:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-007
Misc. Info.: ic-04
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:11 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 09:18:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.810	2.810	0.000	98	131953	4.99	5.28	
2 Dichlorodifluoromethane	85	2.874	2.874	0.000	99	414707	4.99	4.94	
3 Chlorodifluoromethane	51	2.911	2.911	0.000	97	230150	4.99	4.97	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.104	3.103	0.001	93	335525	4.99	4.91	
5 Chloromethane	50	3.210	3.210	0.000	99	93787	4.99	5.02	
6 Butane	43	3.397	3.397	0.000	96	115925	4.99	5.15	
7 Vinyl chloride	62	3.424	3.424	0.000	100	83819	4.99	4.99	
8 Butadiene	54	3.493	3.493	0.000	96	59655	4.99	4.79	
9 Bromomethane	94	4.075	4.075	0.000	98	72419	4.99	4.99	
10 Chloroethane	64	4.294	4.294	0.000	99	46998	4.99	5.12	
11 2-Methylbutane	43	4.395	4.400	-0.005	91	103386	4.99	4.97	
13 Vinyl bromide	106	4.657	4.656	0.001	98	102487	4.99	4.91	
14 Trichlorofluoromethane	101	4.774	4.774	0.000	99	324668	4.99	4.85	
15 Pentane	43	4.923	4.923	0.000	94	156067	4.99	5.17	
16 Ethanol	45	5.356	5.345	0.011	96	78037	10.0	10.3	
17 Ethyl ether	59	5.441	5.430	0.011	94	68620	4.99	5.03	
18 Acrolein	56	5.719	5.719	0.000	97	38354	4.99	5.14	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.809	0.000	97	235370	4.99	4.95	
20 1,1-Dichloroethene	96	5.820	5.820	0.000	96	103019	4.99	4.82	
21 Acetone	43	6.044	6.033	0.011	99	152657	4.99	5.22	
22 Carbon disulfide	76	6.178	6.178	0.000	100	287801	4.99	5.05	
23 Isopropyl alcohol	45	6.428	6.407	0.021	100	167666	4.99	5.29	
24 3-Chloro-1-propene	41	6.562	6.562	0.000	99	125586	4.99	4.81	
25 Acetonitrile	41	6.615	6.610	0.005	97	67981	4.99	5.15	
26 Methylene Chloride	49	6.834	6.834	0.000	94	118523	4.99	5.12	
28 2-Methyl-2-propanol	59	7.224	7.186	0.038	99	233542	4.99	5.24	
29 trans-1,2-Dichloroethene	61	7.298	7.293	0.005	97	162466	4.99	4.82	
30 Methyl tert-butyl ether	73	7.336	7.320	0.016	96	331373	4.99	4.92	
31 Acrylonitrile	53	7.368	7.362	0.006	92	68481	4.99	5.11	
32 Hexane	57	7.731	7.736	-0.005	90	154391	4.99	4.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.120	8.120	0.000	100	193057	4.99	4.73	
34 Vinyl acetate	43	8.232	8.232	0.000	100	265913	4.99	5.11	
35 cis-1,2-Dichloroethene	96	9.204	9.204	0.000	95	127466	4.99	4.75	
36 2-Butanone (MEK)	72	9.268	9.262	0.006	99	60832	4.99	4.99	
37 Ethyl acetate	88	9.364	9.353	0.011	100	10318	4.99	4.86	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	89	279037	20.0	20.0	
39 Tetrahydrofuran	42	9.737	9.721	0.016	90	144144	4.99	5.33	
40 Chloroform	83	9.796	9.796	0.000	96	306567	4.99	4.85	
41 1,1,1-Trichloroethane	97	10.068	10.063	0.005	98	342995	4.99	4.89	
42 Cyclohexane	84	10.079	10.079	0.000	98	196345	4.99	4.97	
S 43 1,2-Dichloroethene, Total	61				0		9.99	9.56	
44 Carbon tetrachloride	117	10.335	10.335	0.000	98	365108	4.99	4.83	
45 Benzene	78	10.751	10.751	0.000	97	525884	4.99	4.92	
46 Isooctane	57	10.821	10.815	0.006	98	867512	4.99	5.03	
47 1,2-Dichloroethane	62	10.901	10.901	0.000	93	251723	4.99	4.92	
48 n-Heptane	43	11.221	11.221	0.000	96	368655	4.99	5.10	
* 49 1,4-Difluorobenzene	114	11.600	11.600	0.000	96	1835485	20.0	20.0	
50 Trichloroethene	95	12.070	12.069	0.001	95	269266	4.99	4.62	
51 n-Butanol	56	12.134	12.112	0.022	93	145144	4.99	5.12	
53 1,2-Dichloropropane	63	12.566	12.566	0.000	90	280871	4.99	4.94	
56 Dibromomethane	174	12.817	12.817	0.000	90	222981	4.99	4.59	
55 Methyl methacrylate	69	12.822	12.817	0.005	91	257743	4.99	4.94	
57 1,4-Dioxane	88	12.902	12.875	0.027	99	141806	4.99	5.18	
58 Dichlorobromomethane	83	13.142	13.142	0.000	98	501714	4.99	4.81	
59 cis-1,3-Dichloropropene	75	14.103	14.103	0.000	97	490545	4.99	4.80	
61 4-Methyl-2-pentanone (MIBK)	43	14.450	14.439	0.011	96	766141	4.99	4.92	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	2206508	NC	NC	
62 Toluene	92	14.722	14.722	0.000	92	509760	4.99	4.80	
64 n-Octane	43	14.898	14.898	0.000	98	862942	4.99	4.96	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	2862347	NC	NC	
66 trans-1,3-Dichloropropene	75	15.314	15.309	0.005	97	428649	4.99	4.79	
67 1,1,2-Trichloroethane	83	15.677	15.672	0.005	97	260098	4.99	4.87	
68 Tetrachloroethene	166	15.848	15.848	0.000	95	347260	4.99	4.64	
69 2-Hexanone	43	16.206	16.195	0.011	91	716444	4.99	4.86	
70 Chlorodibromomethane	129	16.446	16.446	0.000	97	441328	4.99	4.84	
71 Ethylene Dibromide	107	16.691	16.691	0.000	98	414473	4.99	4.88	
* 72 Chlorobenzene-d5	117	17.631	17.631	0.001	92	1846093	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	90	636332	4.99	4.81	
74 Ethylbenzene	91	17.871	17.871	0.000	99	1155709	4.99	4.88	
75 n-Nonane	57	18.106	18.105	0.001	95	719960	4.99	5.14	
76 m-Xylene & p-Xylene	106	18.127	18.127	0.000	0	836706	9.99	9.91	
77 o-Xylene	106	18.954	18.954	0.000	98	402504	4.99	4.85	
78 Styrene	104	19.002	19.002	0.000	97	654118	4.99	4.85	
80 Bromoform	173	19.413	19.413	0.000	94	416752	4.99	4.95	
81 Isopropylbenzene	105	19.707	19.707	0.000	99	1223265	4.99	4.90	
S 82 Xylenes, Total	106				0		15.0	14.8	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.400	0.006	98	680349	4.99	4.91	
84 1,2,3-Trichloropropane	75	20.491	20.486	0.005	97	579294	4.99	4.97	
85 N-Propylbenzene	91	20.518	20.518	0.000	98	1573912	4.99	4.92	
86 2-Chlorotoluene	91	20.710	20.710	0.000	97	1076530	4.99	4.92	
87 4-Ethyltoluene	105	20.726	20.726	0.000	97	1241423	4.99	4.92	
88 n-Decane	57	20.795	20.801	-0.006	86	942882	4.99	5.13	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.849	20.849	0.000	91	1013120	4.99	4.87	
90 Alpha Methyl Styrene	118	21.238	21.238	0.000	84	495757	4.99	4.89	
91 tert-Butylbenzene	119	21.372	21.372	0.000	90	938435	4.99	4.87	
92 1,2,4-Trimethylbenzene	105	21.473	21.473	0.000	99	1019638	4.99	4.89	
93 sec-Butylbenzene	105	21.724	21.724	0.000	98	1524233	4.99	4.94	
95 1,3-Dichlorobenzene	146	21.943	21.943	0.000	73	635127	4.99	4.90	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	96	1223171	4.99	4.98	
96 1,4-Dichlorobenzene	146	22.087	22.087	0.000	91	642061	4.99	4.86	
97 Benzyl chloride	91	22.279	22.279	0.000	97	1067276	4.99	4.94	
98 n-Butylbenzene	91	22.530	22.530	0.000	98	1338773	4.99	4.97	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	91	609914	4.99	4.92	
99 Undecane	57	22.621	22.615	0.006	95	1068382	4.99	5.63	
101 Dodecane	57	24.104	24.104	0.000	93	1052724	4.99	5.24	
102 1,2,4-Trichlorobenzene	180	24.926	24.926	0.000	94	591102	4.99	4.88	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	97	523040	4.99	4.77	
104 Naphthalene	128	25.326	25.332	-0.006	98	1333908	4.99	4.91	
105 1,2,3-Trichlorobenzene	180	25.764	25.764	0.000	94	488623	4.99	4.87	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL3w_00246	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

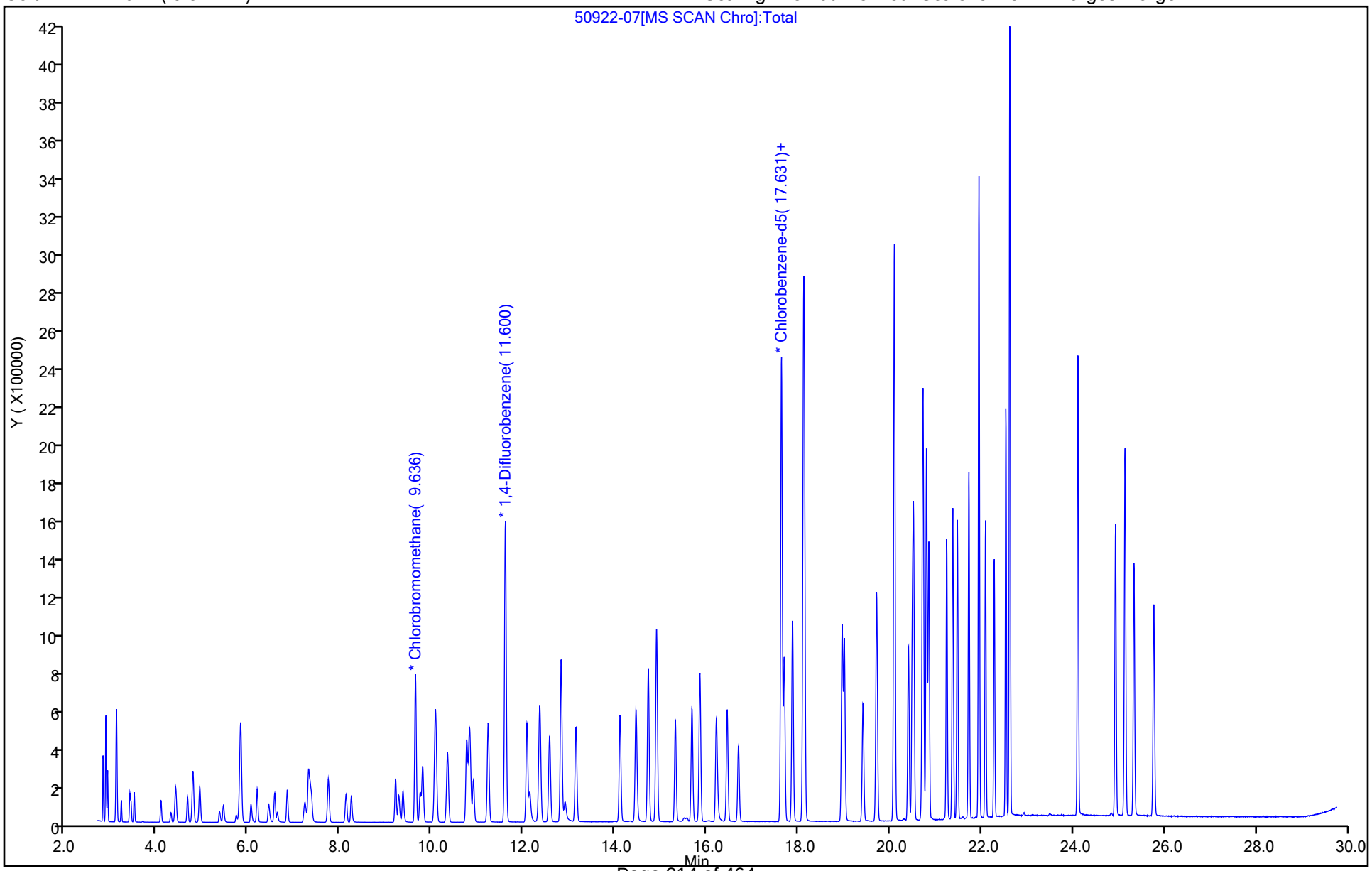
Report Date: 20-May-2022 09:18:11 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-07.D

Injection Date:	19-May-2022 18:40:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-08.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 19-May-2022 19:35:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-008
Misc. Info.: icis
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:19 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 08:35:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.810	2.810	0.000	98	254681	10.0	10.3	
2 Dichlorodifluoromethane	85	2.869	2.869	0.000	100	818630	10.0	9.90	
3 Chlorodifluoromethane	51	2.906	2.906	0.000	97	451943	10.0	9.90	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.098	3.098	0.000	93	654385	10.0	9.72	
5 Chloromethane	50	3.205	3.205	0.000	99	181319	10.0	9.84	
6 Butane	43	3.397	3.397	0.000	96	216859	10.0	9.77	
7 Vinyl chloride	62	3.418	3.418	0.000	100	159141	10.0	9.62	
8 Butadiene	54	3.488	3.488	0.000	96	114756	10.0	9.35	
9 Bromomethane	94	4.075	4.075	0.000	97	137160	10.0	9.59	
10 Chloroethane	64	4.288	4.288	0.000	100	93260	10.0	10.3	
11 2-Methylbutane	43	4.395	4.395	0.000	89	202907	10.0	9.90	
13 Vinyl bromide	106	4.651	4.651	0.000	97	201861	10.0	9.81	
14 Trichlorofluoromethane	101	4.769	4.769	0.000	99	640168	10.0	9.71	
15 Pentane	43	4.918	4.918	0.000	94	299064	10.0	10.1	
16 Ethanol	45	5.340	5.340	0.000	96	116330	15.0	15.6	
17 Ethyl ether	59	5.425	5.425	0.000	92	135357	10.0	10.1	
18 Acrolein	56	5.713	5.713	0.000	97	73776	10.0	10.0	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.809	0.000	97	456734	10.0	9.74	
20 1,1-Dichloroethene	96	5.815	5.815	0.000	98	202791	10.0	9.63	
21 Acetone	43	6.028	6.028	0.000	99	297046	10.0	10.3	
22 Carbon disulfide	76	6.178	6.178	0.000	100	566361	10.0	10.1	
23 Isopropyl alcohol	45	6.402	6.402	0.000	100	324755	10.0	10.4	
24 3-Chloro-1-propene	41	6.557	6.557	0.000	98	253108	10.0	9.84	
25 Acetonitrile	41	6.610	6.610	0.000	97	143045	10.0	11.0	
26 Methylene Chloride	49	6.829	6.829	0.000	93	226374	10.0	9.92	
28 2-Methyl-2-propanol	59	7.176	7.176	0.000	99	449167	10.0	10.2	
29 trans-1,2-Dichloroethene	61	7.293	7.293	0.000	97	317757	10.0	9.56	
30 Methyl tert-butyl ether	73	7.314	7.314	0.000	96	652497	10.0	9.83	
31 Acrylonitrile	53	7.362	7.362	0.000	93	129673	10.0	9.82	
32 Hexane	57	7.731	7.731	0.000	90	301366	10.0	9.80	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.115	8.115	0.000	100	377657	10.0	9.39	
34 Vinyl acetate	43	8.227	8.227	0.000	100	529599	10.0	10.3	
35 cis-1,2-Dichloroethene	96	9.198	9.198	0.000	95	250832	10.0	9.48	
36 2-Butanone (MEK)	72	9.257	9.257	0.000	99	118693	10.0	9.88	
37 Ethyl acetate	88	9.353	9.353	0.000	100	21380	10.0	10.2	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	88	274930	20.0	20.0	
39 Tetrahydrofuran	42	9.716	9.716	0.000	89	281070	10.0	10.5	
40 Chloroform	83	9.791	9.791	0.000	96	608221	10.0	9.76	
41 1,1,1-Trichloroethane	97	10.063	10.063	0.000	98	680114	10.0	9.77	
42 Cyclohexane	84	10.079	10.079	0.000	98	384786	10.0	9.82	
S 43 1,2-Dichloroethene, Total	61				0		20.0	19.0	
44 Carbon tetrachloride	117	10.330	10.330	0.000	98	733199	10.0	9.77	
45 Benzene	78	10.751	10.751	0.000	97	1029408	10.0	9.70	
46 Isooctane	57	10.815	10.815	0.000	98	1684908	10.0	9.84	
47 1,2-Dichloroethane	62	10.901	10.901	0.000	92	498904	10.0	9.82	
48 n-Heptane	43	11.221	11.221	0.000	95	706727	10.0	9.85	
* 49 1,4-Difluorobenzene	114	11.600	11.600	0.000	96	1821949	20.0	20.0	
50 Trichloroethene	95	12.070	12.070	0.000	95	545410	10.0	9.42	
51 n-Butanol	56	12.107	12.107	0.000	92	291812	10.0	10.4	
53 1,2-Dichloropropane	63	12.561	12.561	0.000	90	560591	10.0	9.94	
56 Dibromomethane	174	12.811	12.811	0.000	89	463308	10.0	9.62	
55 Methyl methacrylate	69	12.811	12.811	0.000	92	538909	10.0	10.4	
57 1,4-Dioxane	88	12.870	12.870	0.000	98	277580	10.0	10.2	
58 Dichlorobromomethane	83	13.142	13.142	0.000	98	1029164	10.0	9.93	
59 cis-1,3-Dichloropropene	75	14.103	14.103	0.000	96	1005283	10.0	9.90	
61 4-Methyl-2-pentanone (MIBK)	43	14.434	14.434	0.000	96	1555422	10.0	10.1	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	4480356	NC	NC	
62 Toluene	92	14.722	14.722	0.000	93	1049266	10.0	9.82	
64 n-Octane	43	14.898	14.898	0.000	98	1727950	10.0	10.0	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	5800766	NC	NC	
66 trans-1,3-Dichloropropene	75	15.309	15.309	0.000	98	885435	10.0	9.96	
67 1,1,2-Trichloroethane	83	15.672	15.672	0.000	97	529012	10.0	9.84	
68 Tetrachloroethene	166	15.848	15.848	0.000	94	708634	10.0	9.41	
69 2-Hexanone	43	16.195	16.195	0.000	91	1491325	10.0	10.1	
70 Chlorodibromomethane	129	16.446	16.446	0.000	97	918831	10.0	10.0	
71 Ethylene Dibromide	107	16.691	16.691	0.000	98	848557	10.0	9.93	
* 72 Chlorobenzene-d5	117	17.631	17.631	0.000	91	1857620	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	90	1288255	10.0	9.67	
74 Ethylbenzene	91	17.871	17.871	0.000	99	2349439	10.0	9.86	
75 n-Nonane	57	18.106	18.106	0.000	95	1443856	10.0	10.3	
76 m-Xylene & p-Xylene	106	18.127	18.127	0.000	0	1705719	20.0	20.1	
77 o-Xylene	106	18.954	18.954	0.000	98	823834	10.0	9.86	
78 Styrene	104	19.002	19.002	0.000	98	1365944	10.0	10.1	
80 Bromoform	173	19.413	19.413	0.000	94	851721	10.0	10.1	
81 Isopropylbenzene	105	19.712	19.712	0.000	99	2482841	10.0	9.88	
S 82 Xylenes, Total	106				0		30.0	29.9	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.406	0.000	98	1371622	10.0	9.84	
84 1,2,3-Trichloropropane	75	20.486	20.486	0.000	98	1171929	10.0	9.99	
85 N-Propylbenzene	91	20.518	20.518	0.000	98	3204776	10.0	9.96	
86 2-Chlorotoluene	91	20.710	20.710	0.000	97	2196908	10.0	9.99	
87 4-Ethyltoluene	105	20.731	20.731	0.000	98	2523718	10.0	9.93	
88 n-Decane	57	20.801	20.801	0.000	87	1905522	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.849	20.849	0.000	92	2059342	10.0	9.83	
90 Alpha Methyl Styrene	118	21.238	21.238	0.000	84	1041338	10.0	10.2	
91 tert-Butylbenzene	119	21.372	21.372	0.000	90	1905872	10.0	9.83	
92 1,2,4-Trimethylbenzene	105	21.473	21.473	0.000	99	2070664	10.0	9.88	
93 sec-Butylbenzene	105	21.724	21.724	0.000	98	3084635	10.0	9.94	
95 1,3-Dichlorobenzene	146	21.943	21.943	0.000	74	1287376	10.0	9.87	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	96	2478043	10.0	10.0	
96 1,4-Dichlorobenzene	146	22.087	22.087	0.000	91	1292118	10.0	9.71	
97 Benzyl chloride	91	22.279	22.279	0.000	97	2169799	10.0	9.98	
98 n-Butylbenzene	91	22.530	22.530	0.000	98	2704979	10.0	9.99	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	92	1229665	10.0	9.86	
99 Undecane	57	22.621	22.621	0.000	96	2109708	10.0	11.1	
101 Dodecane	57	24.104	24.104	0.000	94	2123151	10.0	10.5	
102 1,2,4-Trichlorobenzene	180	24.926	24.926	0.000	94	1196085	10.0	9.82	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	98	1067883	10.0	9.68	
104 Naphthalene	128	25.332	25.332	0.000	98	2689459	10.0	9.83	
105 1,2,3-Trichlorobenzene	180	25.764	25.764	0.000	96	989076	10.0	9.80	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00782	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

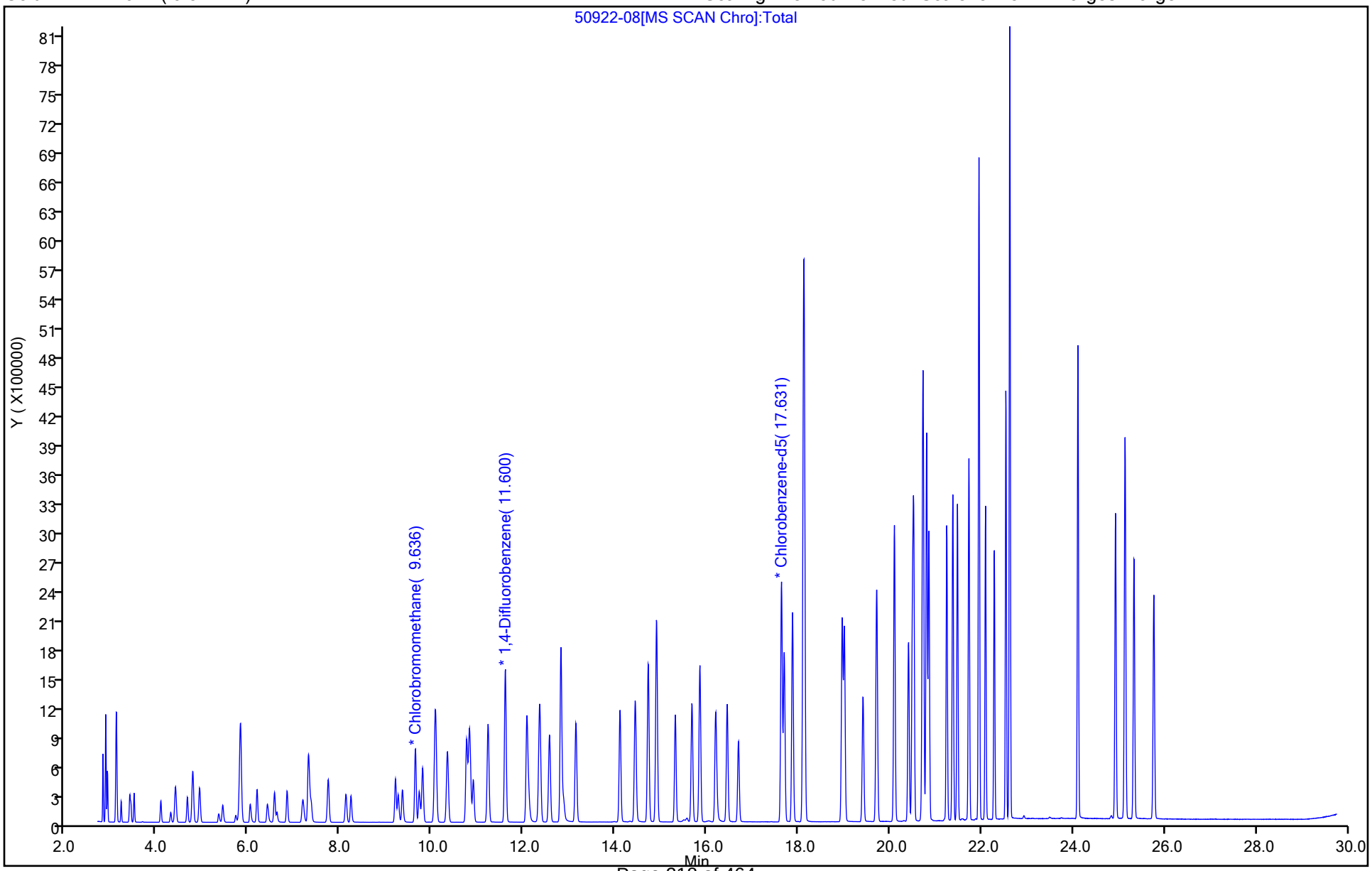
Report Date: 20-May-2022 09:18:19 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-08.D

Injection Date:	19-May-2022 19:35:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	icis			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-09.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-May-2022 20:29:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-009
Misc. Info.: ic-06
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:21 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 08:42:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.815	2.810	0.005	98	374153	15.0	15.2	
2 Dichlorodifluoromethane	85	2.874	2.869	0.005	100	1212767	15.0	14.7	
3 Chlorodifluoromethane	51	2.912	2.906	0.006	97	661355	15.0	14.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.104	3.098	0.006	97	959044	15.0	14.3	
5 Chloromethane	50	3.210	3.205	0.005	99	263120	15.0	14.3	
6 Butane	43	3.397	3.397	0.000	95	315837	15.0	14.3	
7 Vinyl chloride	62	3.424	3.418	0.006	100	233931	15.0	14.2	
8 Butadiene	54	3.493	3.488	0.005	96	169093	15.0	13.8	
9 Bromomethane	94	4.075	4.075	0.000	98	204626	15.0	14.4	
10 Chloroethane	64	4.294	4.288	0.006	99	133039	15.0	14.8	
11 2-Methylbutane	43	4.401	4.395	0.006	90	285328	15.0	14.0	
13 Vinyl bromide	106	4.657	4.651	0.006	98	297192	15.0	14.5	
14 Trichlorofluoromethane	101	4.774	4.769	0.005	99	939973	15.0	14.3	
15 Pentane	43	4.924	4.918	0.006	94	429789	15.0	14.5	
16 Ethanol	45	5.340	5.340	0.000	97	149076	20.0	20.1	
17 Ethyl ether	59	5.425	5.425	0.000	92	192855	15.0	14.4	
18 Acrolein	56	5.713	5.713	0.000	97	111853	15.0	15.3	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.809	0.000	97	669453	15.0	14.3	
20 1,1-Dichloroethene	96	5.820	5.815	0.005	97	291588	15.0	13.9	
21 Acetone	43	6.023	6.028	-0.005	99	433019	15.0	15.1	
22 Carbon disulfide	76	6.178	6.178	0.000	100	819320	15.0	14.7	
23 Isopropyl alcohol	45	6.402	6.402	0.000	100	472545	15.0	15.2	
24 3-Chloro-1-propene	41	6.557	6.557	0.000	96	364717	15.0	14.2	
25 Acetonitrile	41	6.610	6.610	0.000	99	178340	15.0	13.8	
26 Methylene Chloride	49	6.834	6.829	0.005	92	325585	15.0	14.3	
28 2-Methyl-2-propanol	59	7.176	7.176	0.000	99	660912	15.0	15.1	
29 trans-1,2-Dichloroethene	61	7.293	7.293	0.000	97	465368	15.0	14.1	
30 Methyl tert-butyl ether	73	7.314	7.314	0.000	96	962326	15.0	14.5	
31 Acrylonitrile	53	7.363	7.362	0.000	93	191300	15.0	14.5	
32 Hexane	57	7.731	7.731	0.000	90	436660	15.0	14.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.120	8.115	0.005	100	548360	15.0	13.7	
34 Vinyl acetate	43	8.227	8.227	0.000	99	772262	15.0	15.1	
35 cis-1,2-Dichloroethene	96	9.198	9.198	0.000	96	367917	15.0	14.0	
36 2-Butanone (MEK)	72	9.257	9.257	0.000	99	176786	15.0	14.8	
37 Ethyl acetate	88	9.348	9.353	-0.005	100	32391	15.0	15.6	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	87	273884	20.0	20.0	
39 Tetrahydrofuran	42	9.711	9.716	-0.005	89	406773	15.0	15.0	
40 Chloroform	83	9.791	9.791	0.000	96	897932	15.0	14.5	
41 1,1,1-Trichloroethane	97	10.063	10.063	0.000	98	1012808	15.0	14.5	
42 Cyclohexane	84	10.079	10.079	0.000	97	567641	15.0	14.4	
S 43 1,2-Dichloroethene, Total	61				0		30.0	28.0	
44 Carbon tetrachloride	117	10.335	10.330	0.005	98	1105917	15.0	14.6	
45 Benzene	78	10.751	10.751	0.000	97	1517017	15.0	14.2	
46 Isooctane	57	10.815	10.815	0.000	98	2453346	15.0	14.2	
47 1,2-Dichloroethane	62	10.901	10.901	0.000	92	739082	15.0	14.4	
48 n-Heptane	43	11.221	11.221	0.000	94	1004572	15.0	13.9	
* 49 1,4-Difluorobenzene	114	11.600	11.600	0.000	95	1834516	20.0	20.0	
50 Trichloroethene	95	12.070	12.070	0.000	96	814576	15.0	14.0	
51 n-Butanol	56	12.107	12.107	0.000	90	441021	15.0	15.6	
53 1,2-Dichloropropane	63	12.561	12.561	0.000	90	821207	15.0	14.5	
56 Dibromomethane	174	12.811	12.811	0.000	92	711048	15.0	14.7	
55 Methyl methacrylate	69	12.817	12.811	0.006	93	800113	15.0	15.4	
57 1,4-Dioxane	88	12.865	12.870	-0.005	99	425725	15.0	15.5	
58 Dichlorobromomethane	83	13.142	13.142	0.000	98	1570685	15.0	15.1	
59 cis-1,3-Dichloropropene	75	14.103	14.103	0.000	96	1536109	15.0	15.0	
61 4-Methyl-2-pentanone (MIBK)	43	14.434	14.434	0.000	97	2325427	15.0	14.9	
62 Toluene	92	14.717	14.722	-0.005	93	1605504	15.0	14.7	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	6809815	NC	NC	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	8652783	NC	NC	
64 n-Octane	43	14.898	14.898	0.000	97	2538528	15.0	14.6	
66 trans-1,3-Dichloropropene	75	15.309	15.309	0.000	98	1364712	15.0	15.3	
67 1,1,2-Trichloroethane	83	15.672	15.672	0.000	97	806926	15.0	14.7	
68 Tetrachloroethene	166	15.848	15.848	0.000	95	1093594	15.0	14.2	
69 2-Hexanone	43	16.195	16.195	0.000	92	2233799	15.0	14.8	
70 Chlorodibromomethane	129	16.446	16.446	0.000	97	1443280	15.0	15.4	
71 Ethylene Dibromide	107	16.691	16.691	0.000	98	1316864	15.0	15.1	
* 72 Chlorobenzene-d5	117	17.631	17.631	0.000	91	1897454	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	91	1990706	15.0	14.6	
74 Ethylbenzene	91	17.871	17.871	0.000	99	3580217	15.0	14.7	
75 n-Nonane	57	18.106	18.106	0.000	94	2123639	15.0	14.8	
76 m-Xylene & p-Xylene	106	18.127	18.127	0.000	0	2588580	30.0	29.8	
77 o-Xylene	106	18.954	18.954	0.000	98	1264836	15.0	14.8	
78 Styrene	104	19.002	19.002	0.000	98	2115923	15.0	15.3	
80 Bromoform	173	19.413	19.413	0.000	94	1366986	15.0	15.8	
81 Isopropylbenzene	105	19.712	19.712	0.000	98	3795904	15.0	14.8	
S 82 Xylenes, Total	106				0		45.0	44.6	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.406	0.000	96	2101989	15.0	14.8	
84 1,2,3-Trichloropropane	75	20.491	20.486	0.005	98	1779896	15.0	14.8	
85 N-Propylbenzene	91	20.518	20.518	0.000	98	4853630	15.0	14.8	
86 2-Chlorotoluene	91	20.710	20.710	0.000	97	3358346	15.0	14.9	
87 4-Ethyltoluene	105	20.726	20.731	-0.005	97	3854393	15.0	14.9	
88 n-Decane	57	20.801	20.801	0.000	88	2816258	15.0	14.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.849	20.849	0.000	92	3164215	15.0	14.8	
90 Alpha Methyl Styrene	118	21.238	21.238	0.000	84	1609112	15.0	15.4	
91 tert-Butylbenzene	119	21.372	21.372	0.000	90	2918303	15.0	14.7	
92 1,2,4-Trimethylbenzene	105	21.473	21.473	0.000	99	3177109	15.0	14.8	
93 sec-Butylbenzene	105	21.724	21.724	0.000	98	4698865	15.0	14.8	
95 1,3-Dichlorobenzene	146	21.943	21.943	0.000	96	1967169	15.0	14.8	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	97	3766735	15.0	14.9	
96 1,4-Dichlorobenzene	146	22.087	22.087	0.000	91	1982675	15.0	14.6	
97 Benzyl chloride	91	22.279	22.279	0.000	97	3367707	15.0	15.2	
98 n-Butylbenzene	91	22.530	22.530	0.000	98	4107168	15.0	14.8	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	91	1863295	15.0	14.6	
99 Undecane	57	22.621	22.621	0.000	97	3044654	15.0	15.6	
101 Dodecane	57	24.104	24.104	0.000	95	3186562	15.0	15.4	
102 1,2,4-Trichlorobenzene	180	24.926	24.926	0.000	94	1880857	15.0	15.1	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	98	1674287	15.0	14.9	
104 Naphthalene	128	25.327	25.332	-0.005	98	4239358	15.0	15.2	
105 1,2,3-Trichlorobenzene	180	25.764	25.764	0.000	94	1558109	15.0	15.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL5w_00117	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

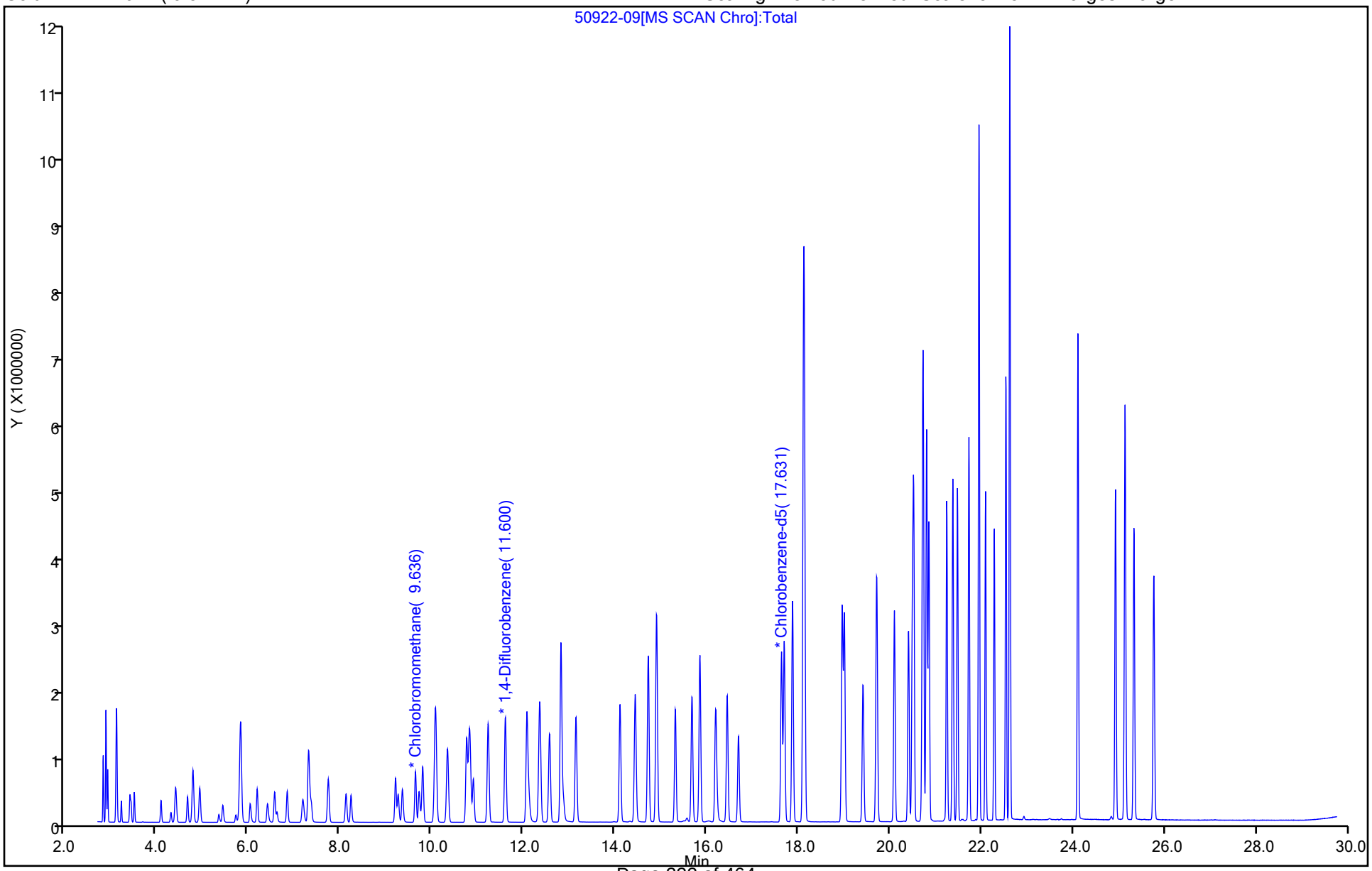
Report Date: 20-May-2022 09:18:21 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-09.D

Injection Date:	19-May-2022 20:29:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	9
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-13.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-May-2022 00:06:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-013
Misc. Info.: ic-07
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:23 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 08:43:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.810	2.810	0.000	98	473412	20.0	19.7	
2 Dichlorodifluoromethane	85	2.874	2.869	0.005	99	1544199	20.0	19.1	
3 Chlorodifluoromethane	51	2.911	2.906	0.005	97	840986	20.0	18.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.104	3.098	0.006	92	1207860	20.0	18.4	
5 Chloromethane	50	3.205	3.205	0.000	99	334270	20.0	18.6	
6 Butane	43	3.397	3.397	0.000	95	393538	20.0	18.1	
7 Vinyl chloride	62	3.418	3.418	0.000	100	290943	20.0	18.0	
8 Butadiene	54	3.488	3.488	0.000	95	210142	20.0	17.5	
9 Bromomethane	94	4.075	4.075	0.000	98	255536	20.0	18.3	
10 Chloroethane	64	4.288	4.288	0.000	99	164594	20.0	18.6	
11 2-Methylbutane	43	4.390	4.395	-0.005	89	354175	20.0	17.7	
13 Vinyl bromide	106	4.651	4.651	0.000	98	374782	20.0	18.6	
14 Trichlorofluoromethane	101	4.774	4.769	0.005	99	1193311	20.0	18.5	
15 Pentane	43	4.918	4.918	0.000	93	531992	20.0	18.3	
16 Ethanol	45	5.334	5.340	-0.006	96	270638	40.0	37.2	
17 Ethyl ether	59	5.420	5.425	-0.005	92	247021	20.0	18.8	
18 Acrolein	56	5.708	5.713	-0.005	98	139881	20.0	19.5	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.809	0.000	97	841287	20.0	18.4	
20 1,1-Dichloroethene	96	5.815	5.815	0.000	97	364852	20.0	17.7	
21 Acetone	43	6.018	6.028	-0.010	99	551346	20.0	19.6	
22 Carbon disulfide	76	6.172	6.178	-0.006	100	1039239	20.0	18.9	
23 Isopropyl alcohol	45	6.391	6.402	-0.011	100	592608	20.0	19.4	
24 3-Chloro-1-propene	41	6.557	6.557	0.000	96	456041	20.0	18.1	
25 Acetonitrile	41	6.605	6.610	-0.005	98	255099	20.0	20.0	
26 Methylene Chloride	49	6.829	6.829	0.000	92	410846	20.0	18.4	
28 2-Methyl-2-propanol	59	7.160	7.176	-0.016	99	837748	20.0	19.5	
29 trans-1,2-Dichloroethene	61	7.293	7.293	0.000	97	585969	20.0	18.0	
30 Methyl tert-butyl ether	73	7.309	7.314	-0.005	95	1220694	20.0	18.8	
31 Acrylonitrile	53	7.357	7.362	-0.005	93	257820	20.0	20.0	
32 Hexane	57	7.725	7.731	-0.006	89	553005	20.0	18.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.115	8.115	0.000	100	697572	20.0	17.8	
34 Vinyl acetate	43	8.222	8.227	-0.005	99	991452	20.0	19.8	
35 cis-1,2-Dichloroethene	96	9.198	9.198	0.000	95	468199	20.0	18.1	
36 2-Butanone (MEK)	72	9.252	9.257	-0.005	99	226034	20.0	19.3	
37 Ethyl acetate	88	9.342	9.353	-0.011	100	40680	20.0	19.9	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	86	268725	20.0	20.0	
39 Tetrahydrofuran	42	9.705	9.716	-0.011	89	516830	20.0	19.4	
40 Chloroform	83	9.791	9.791	0.000	96	1144433	20.0	18.8	
41 1,1,1-Trichloroethane	97	10.063	10.063	0.000	98	1299303	20.0	18.8	
42 Cyclohexane	84	10.079	10.079	0.000	97	725758	20.0	18.6	
S 43 1,2-Dichloroethene, Total	61				0		40.0	36.1	
44 Carbon tetrachloride	117	10.335	10.330	0.005	98	1422507	20.0	19.1	
45 Benzene	78	10.751	10.751	0.000	97	1925391	20.0	18.3	
46 Isooctane	57	10.815	10.815	0.000	98	3102288	20.0	18.2	
47 1,2-Dichloroethane	62	10.896	10.901	-0.005	92	951372	20.0	18.9	
48 n-Heptane	43	11.221	11.221	0.000	94	1268531	20.0	17.8	
* 49 1,4-Difluorobenzene	114	11.595	11.600	-0.005	95	1809314	20.0	20.0	
50 Trichloroethene	95	12.070	12.070	0.000	96	1044269	20.0	18.2	
51 n-Butanol	56	12.096	12.107	-0.011	90	535328	20.0	19.2	
53 1,2-Dichloropropane	63	12.561	12.561	0.000	90	1042343	20.0	18.6	
56 Dibromomethane	174	12.811	12.811	0.000	80	920383	20.0	19.2	
55 Methyl methacrylate	69	12.811	12.811	0.000	94	1018452	20.0	19.8	
57 1,4-Dioxane	88	12.854	12.870	-0.016	99	532643	20.0	19.7	
58 Dichlorobromomethane	83	13.137	13.142	-0.005	98	2018996	20.0	19.6	
59 cis-1,3-Dichloropropene	75	14.103	14.103	0.000	96	1974828	20.0	19.6	
61 4-Methyl-2-pentanone (MIBK)	43	14.429	14.434	-0.005	97	2987907	20.0	19.5	
62 Toluene	92	14.717	14.722	-0.005	93	2075514	20.0	19.2	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	8776418	NC	NC	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	11034356	NC	NC	
64 n-Octane	43	14.904	14.898	0.006	97	3215102	20.0	18.8	
66 trans-1,3-Dichloropropene	75	15.309	15.309	0.000	98	1760649	20.0	20.0	
67 1,1,2-Trichloroethane	83	15.672	15.672	0.000	98	1039505	20.0	19.1	
68 Tetrachloroethene	166	15.848	15.848	0.000	95	1421114	20.0	18.7	
69 2-Hexanone	43	16.184	16.195	-0.011	92	2879029	20.0	19.2	
70 Chlorodibromomethane	129	16.446	16.446	0.000	97	1874917	20.0	20.2	
71 Ethylene Dibromide	107	16.691	16.691	0.000	98	1702519	20.0	19.7	
* 72 Chlorobenzene-d5	117	17.631	17.631	0.000	90	1875650	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	90	2565663	20.0	19.1	
74 Ethylbenzene	91	17.871	17.871	0.000	99	4609856	20.0	19.2	
75 n-Nonane	57	18.106	18.106	0.000	95	2647153	20.0	18.6	
76 m-Xylene & p-Xylene	106	18.127	18.127	0.000	0	3315600	40.0	38.6	
77 o-Xylene	106	18.954	18.954	0.000	98	1640507	20.0	19.4	
78 Styrene	104	19.002	19.002	0.000	98	2755176	20.0	20.1	
80 Bromoform	173	19.413	19.413	0.000	94	1763970	20.0	20.6	
81 Isopropylbenzene	105	19.712	19.712	0.000	99	4905834	20.0	19.3	
S 82 Xylenes, Total	106				0		60.0	58.1	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.406	0.000	98	2680592	20.0	19.0	
84 1,2,3-Trichloropropane	75	20.491	20.486	0.005	98	2274130	20.0	19.2	
85 N-Propylbenzene	91	20.518	20.518	0.000	98	6187447	20.0	19.1	
86 2-Chlorotoluene	91	20.715	20.710	0.005	97	4291997	20.0	19.3	
87 4-Ethyltoluene	105	20.731	20.731	0.000	98	4935146	20.0	19.2	
88 n-Decane	57	20.801	20.801	0.000	88	3558427	20.0	19.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.849	20.849	0.000	92	4068832	20.0	19.2	
90 Alpha Methyl Styrene	118	21.244	21.238	0.006	84	2097783	20.0	20.3	
91 tert-Butylbenzene	119	21.372	21.372	0.000	91	3784356	20.0	19.3	
92 1,2,4-Trimethylbenzene	105	21.473	21.473	0.000	99	4090819	20.0	19.3	
93 sec-Butylbenzene	105	21.724	21.724	0.000	98	6010549	20.0	19.2	
95 1,3-Dichlorobenzene	146	21.943	21.943	0.000	74	2528679	20.0	19.2	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	96	4793543	20.0	19.2	
96 1,4-Dichlorobenzene	146	22.087	22.087	0.000	91	2550635	20.0	19.0	
97 Benzyl chloride	91	22.279	22.279	0.000	97	4294096	20.0	19.6	
98 n-Butylbenzene	91	22.530	22.530	0.000	98	5242485	20.0	19.2	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	92	2388991	20.0	19.0	
99 Undecane	57	22.621	22.621	0.000	96	3725926	20.0	19.3	
101 Dodecane	57	24.104	24.104	0.000	95	4069433	20.0	19.9	
102 1,2,4-Trichlorobenzene	180	24.926	24.926	0.000	94	2439670	20.0	19.8	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	98	2161151	20.0	19.4	
104 Naphthalene	128	25.332	25.332	0.000	98	5465320	20.0	19.8	
105 1,2,3-Trichlorobenzene	180	25.764	25.764	0.000	94	2019082	20.0	19.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL6w_00201	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

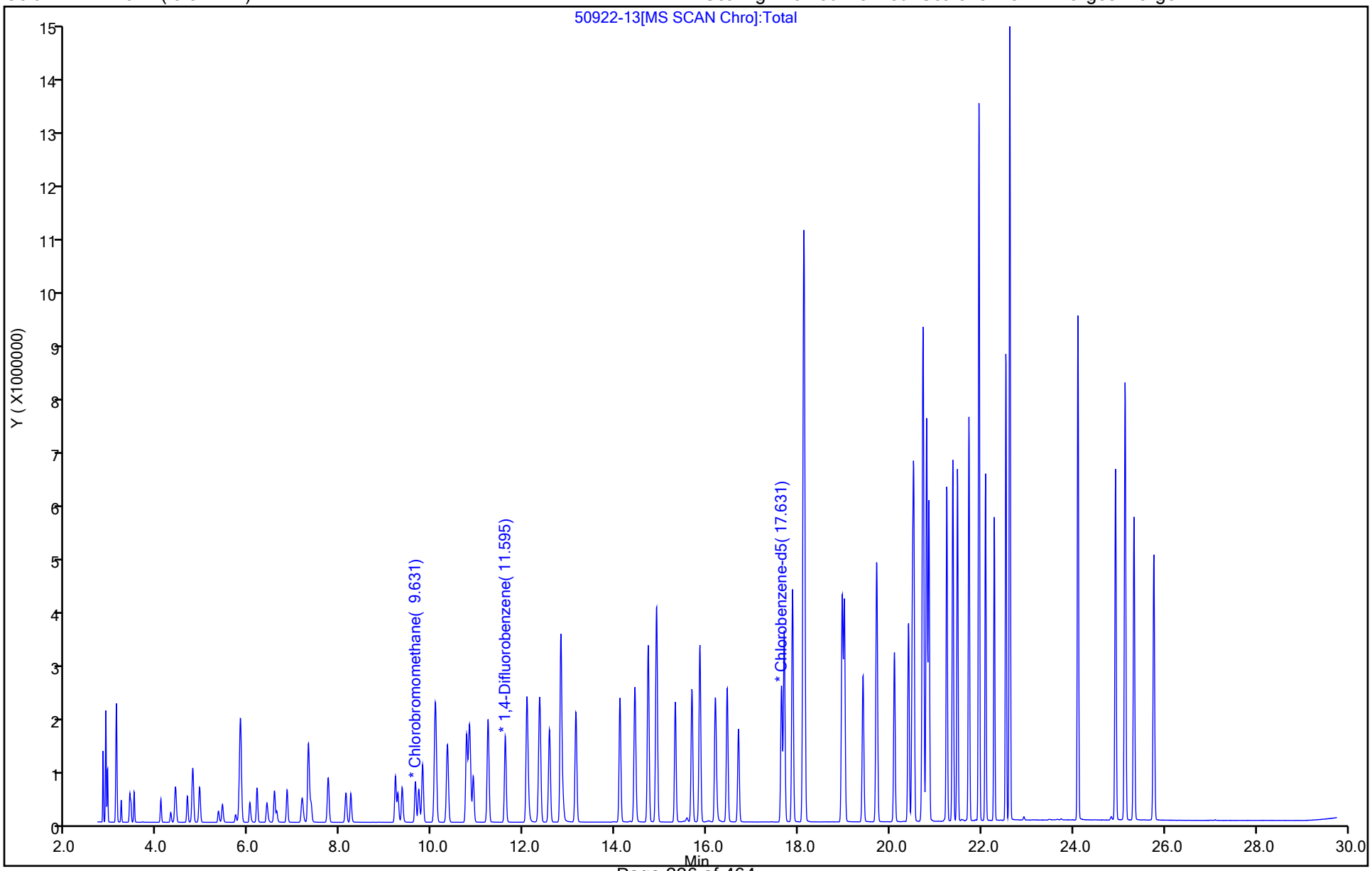
Report Date: 20-May-2022 09:18:23 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-13.D

Injection Date:	20-May-2022 00:06:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	13
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-May-2022 01:00:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-014
Misc. Info.: ic-08
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:18:25 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 08:44:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.815	2.810	0.005	97	920481	40.0	36.4	
2 Dichlorodifluoromethane	85	2.874	2.869	0.005	99	3030074	40.0	35.7	
3 Chlorodifluoromethane	51	2.911	2.906	0.005	96	1655345	40.0	35.3	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.109	3.098	0.011	92	2350133	40.0	34.0	
5 Chloromethane	50	3.216	3.205	0.011	99	669382	40.0	35.4	
6 Butane	43	3.402	3.397	0.005	95	801199	40.0	35.2	
7 Vinyl chloride	62	3.424	3.418	0.006	100	596115	40.0	35.1	
8 Butadiene	54	3.498	3.488	0.010	95	451879	40.0	35.9	
9 Bromomethane	94	4.080	4.075	0.005	97	513040	40.0	35.0	
10 Chloroethane	64	4.299	4.288	0.011	99	324224	40.0	34.9	
11 2-Methylbutane	43	4.400	4.395	0.005	89	686678	40.0	32.7	
13 Vinyl bromide	106	4.662	4.651	0.011	98	737961	40.0	35.0	
14 Trichlorofluoromethane	101	4.779	4.769	0.010	99	2381432	40.0	35.2	
15 Pentane	43	4.929	4.918	0.011	93	1044738	40.0	34.3	
16 Ethanol	45	5.340	5.340	0.000	96	674045	100.0	88.3	
17 Ethyl ether	59	5.420	5.425	-0.005	91	488640	40.0	35.4	
18 Acrolein	56	5.708	5.713	-0.005	97	292905	40.0	38.9	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.815	5.809	0.006	97	1638922	40.0	34.1	
20 1,1-Dichloroethene	96	5.820	5.815	0.005	97	705665	40.0	32.7	
21 Acetone	43	6.017	6.028	-0.011	99	1105434	40.0	37.4	
22 Carbon disulfide	76	6.183	6.178	0.005	100	2055582	40.0	35.7	
23 Isopropyl alcohol	45	6.391	6.402	-0.011	100	1169595	40.0	36.5	
24 3-Chloro-1-propene	41	6.562	6.557	0.005	96	908822	40.0	34.4	
25 Acetonitrile	41	6.610	6.610	0.000	98	507986	40.0	38.0	
26 Methylene Chloride	49	6.839	6.829	0.010	92	817111	40.0	34.9	
28 2-Methyl-2-propanol	59	7.160	7.176	-0.016	99	1694005	40.0	37.6	
29 trans-1,2-Dichloroethene	61	7.298	7.293	0.005	97	1132573	40.0	33.2	
30 Methyl tert-butyl ether	73	7.314	7.314	0.000	95	2400049	40.0	35.2	
31 Acrylonitrile	53	7.362	7.362	0.000	93	500340	40.0	36.9	
32 Hexane	57	7.736	7.731	0.005	89	1090342	40.0	34.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.120	8.115	0.005	100	1387528	40.0	33.6	
34 Vinyl acetate	43	8.227	8.227	0.000	99	1991110	40.0	37.9	
35 cis-1,2-Dichloroethene	96	9.204	9.198	0.006	95	946013	40.0	34.9	
36 2-Butanone (MEK)	72	9.252	9.257	-0.005	99	458238	40.0	37.2	
37 Ethyl acetate	88	9.342	9.353	-0.011	100	83110	40.0	38.8	
* 38 Chlorobromomethane	128	9.641	9.636	0.005	86	282027	20.0	20.0	
39 Tetrahydrofuran	42	9.705	9.716	-0.011	88	1018325	40.0	36.6	
40 Chloroform	83	9.796	9.791	0.005	96	2300898	40.0	36.0	
41 1,1,1-Trichloroethane	97	10.068	10.063	0.005	98	2593538	40.0	36.0	
42 Cyclohexane	84	10.084	10.079	0.005	96	1412835	40.0	34.8	
S 43 1,2-Dichloroethene, Total	61				0		80.0	68.1	
44 Carbon tetrachloride	117	10.335	10.330	0.005	98	2920108	40.0	37.6	
45 Benzene	78	10.751	10.751	0.000	97	3848324	40.0	35.1	
46 Isooctane	57	10.821	10.815	0.006	98	6058919	40.0	34.2	
47 1,2-Dichloroethane	62	10.901	10.901	0.000	92	1942795	40.0	37.0	
48 n-Heptane	43	11.226	11.221	0.005	92	2482126	40.0	33.5	
* 49 1,4-Difluorobenzene	114	11.600	11.600	0.000	95	1884565	20.0	20.0	
50 Trichloroethene	95	12.069	12.070	-0.001	96	2102007	40.0	35.1	
51 n-Butanol	56	12.096	12.107	-0.011	90	1096133	40.0	37.7	
53 1,2-Dichloropropane	63	12.566	12.561	0.005	90	2085386	40.0	35.7	
56 Dibromomethane	174	12.817	12.811	0.006	86	1871312	40.0	37.5	
55 Methyl methacrylate	69	12.811	12.811	0.000	95	2000063	40.0	37.4	
57 1,4-Dioxane	88	12.849	12.870	-0.021	98	1033938	40.0	36.8	
58 Dichlorobromomethane	83	13.142	13.142	0.000	99	4162850	40.0	38.8	
59 cis-1,3-Dichloropropene	75	14.103	14.103	0.000	95	4083450	40.0	38.9	
61 4-Methyl-2-pentanone (MIBK)	43	14.428	14.434	-0.006	97	5984838	40.0	37.4	
62 Toluene	92	14.722	14.722	0.000	93	4290248	40.0	37.8	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	18016302	NC	NC	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	21872756	NC	NC	
64 n-Octane	43	14.903	14.898	0.005	95	6171014	40.0	34.6	
66 trans-1,3-Dichloropropene	75	15.314	15.309	0.005	98	3659121	40.0	39.8	
67 1,1,2-Trichloroethane	83	15.677	15.672	0.005	98	2142698	40.0	37.5	
68 Tetrachloroethene	166	15.848	15.848	0.000	95	2929978	40.0	36.6	
69 2-Hexanone	43	16.184	16.195	-0.011	93	5842642	40.0	37.1	
70 Chlorodibromomethane	129	16.446	16.446	0.000	98	3900583	40.0	40.0	
71 Ethylene Dibromide	107	16.691	16.691	0.000	98	3516547	40.0	38.7	
* 72 Chlorobenzene-d5	117	17.631	17.631	-0.001	90	1974001	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	90	5257123	40.0	37.1	
74 Ethylbenzene	91	17.871	17.871	0.000	99	9327430	40.0	36.8	
75 n-Nonane	57	18.105	18.106	-0.001	92	4694718	40.0	31.4	
76 m-Xylene & p-Xylene	106	18.132	18.127	0.005	0	6326112	80.0	70.0	
77 o-Xylene	106	18.959	18.954	0.005	98	3374748	40.0	38.0	
78 Styrene	104	19.007	19.002	0.005	98	5665078	40.0	39.3	
80 Bromoform	173	19.413	19.413	0.000	94	3720174	40.0	41.4	
81 Isopropylbenzene	105	19.712	19.712	0.000	98	9863169	40.0	36.9	
S 82 Xylenes, Total	106				0		120.0	108.0	
83 1,1,2,2-Tetrachloroethane	83	20.406	20.406	0.000	99	5420691	40.0	36.6	
84 1,2,3-Trichloropropane	75	20.491	20.486	0.005	98	4523074	40.0	36.3	
85 N-Propylbenzene	91	20.523	20.518	0.005	98	11963514	40.0	35.0	
86 2-Chlorotoluene	91	20.710	20.710	0.000	97	8404937	40.0	36.0	
87 4-Ethyltoluene	105	20.731	20.731	0.000	97	9576271	40.0	35.5	
88 n-Decane	57	20.801	20.801	0.000	91	6706894	40.0	34.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.854	20.849	0.005	92	8153816	40.0	36.6	
90 Alpha Methyl Styrene	118	21.244	21.238	0.006	84	4281836	40.0	39.5	
91 tert-Butylbenzene	119	21.377	21.372	0.005	91	7557796	40.0	36.7	
92 1,2,4-Trimethylbenzene	105	21.478	21.473	0.005	99	8141706	40.0	36.5	
93 sec-Butylbenzene	105	21.724	21.724	0.000	97	11610036	40.0	35.2	
95 1,3-Dichlorobenzene	146	21.943	21.943	0.000	94	4731504	40.0	34.1	
94 4-Isopropyltoluene	119	21.948	21.943	0.005	97	8867210	40.0	33.7	
96 1,4-Dichlorobenzene	146	22.087	22.087	0.000	90	5098824	40.0	36.1	
97 Benzyl chloride	91	22.279	22.279	0.000	97	8691107	40.0	37.6	
98 n-Butylbenzene	91	22.535	22.530	0.005	99	9991369	40.0	34.7	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	92	4442423	40.0	33.5	
99 Undecane	57	22.626	22.621	0.005	95	6153861	40.0	30.3	
101 Dodecane	57	24.104	24.104	0.000	96	7515980	40.0	35.0	
102 1,2,4-Trichlorobenzene	180	24.926	24.926	0.000	94	4871957	40.0	37.6	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	98	4330563	40.0	37.0	
104 Naphthalene	128	25.332	25.332	0.000	98	10686305	40.0	36.8	
105 1,2,3-Trichlorobenzene	180	25.764	25.764	0.000	96	3982152	40.0	37.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL7w_00117	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

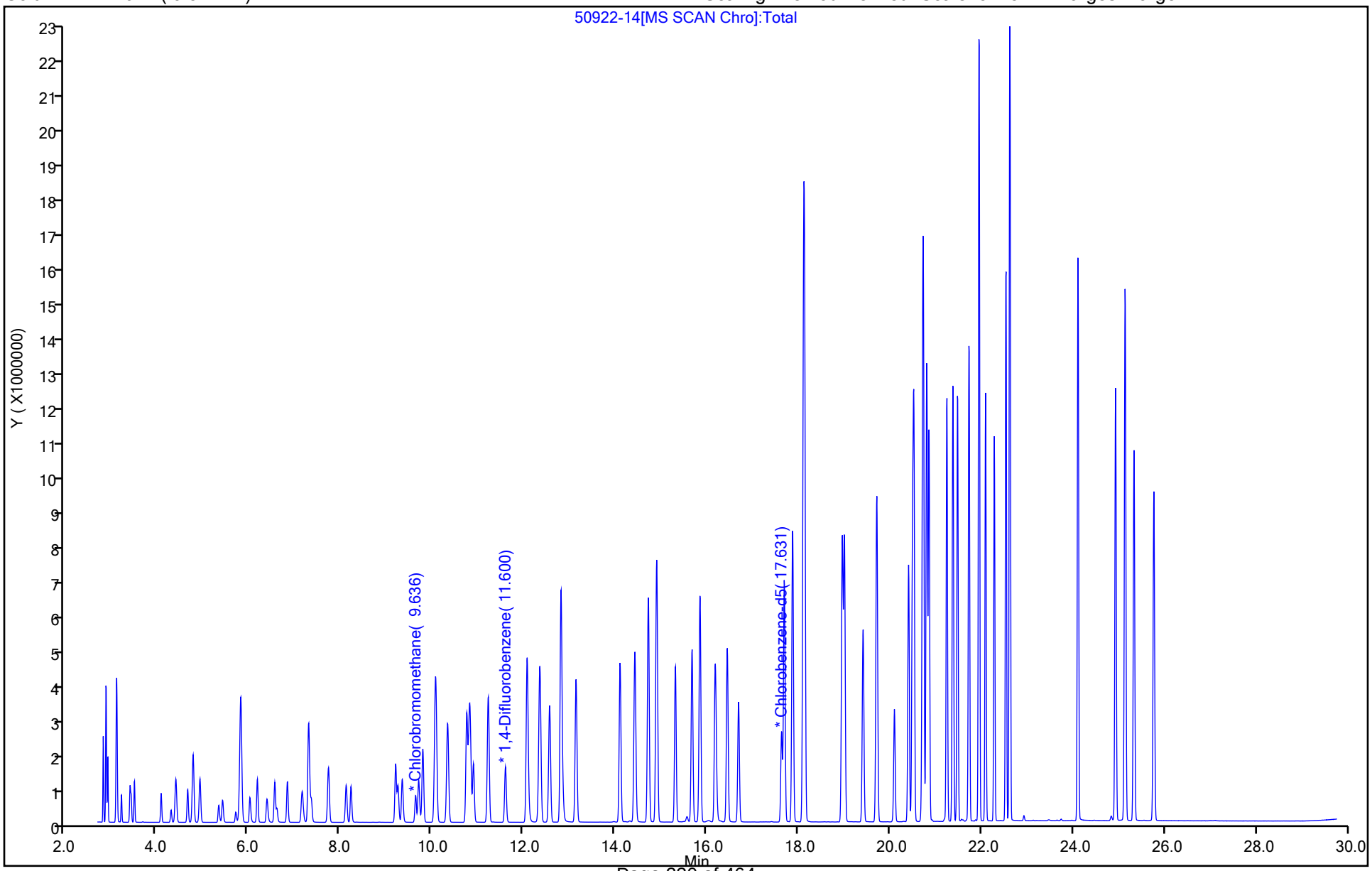
Report Date: 20-May-2022 09:18:25 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Injection Date:	20-May-2022 01:00:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	14
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

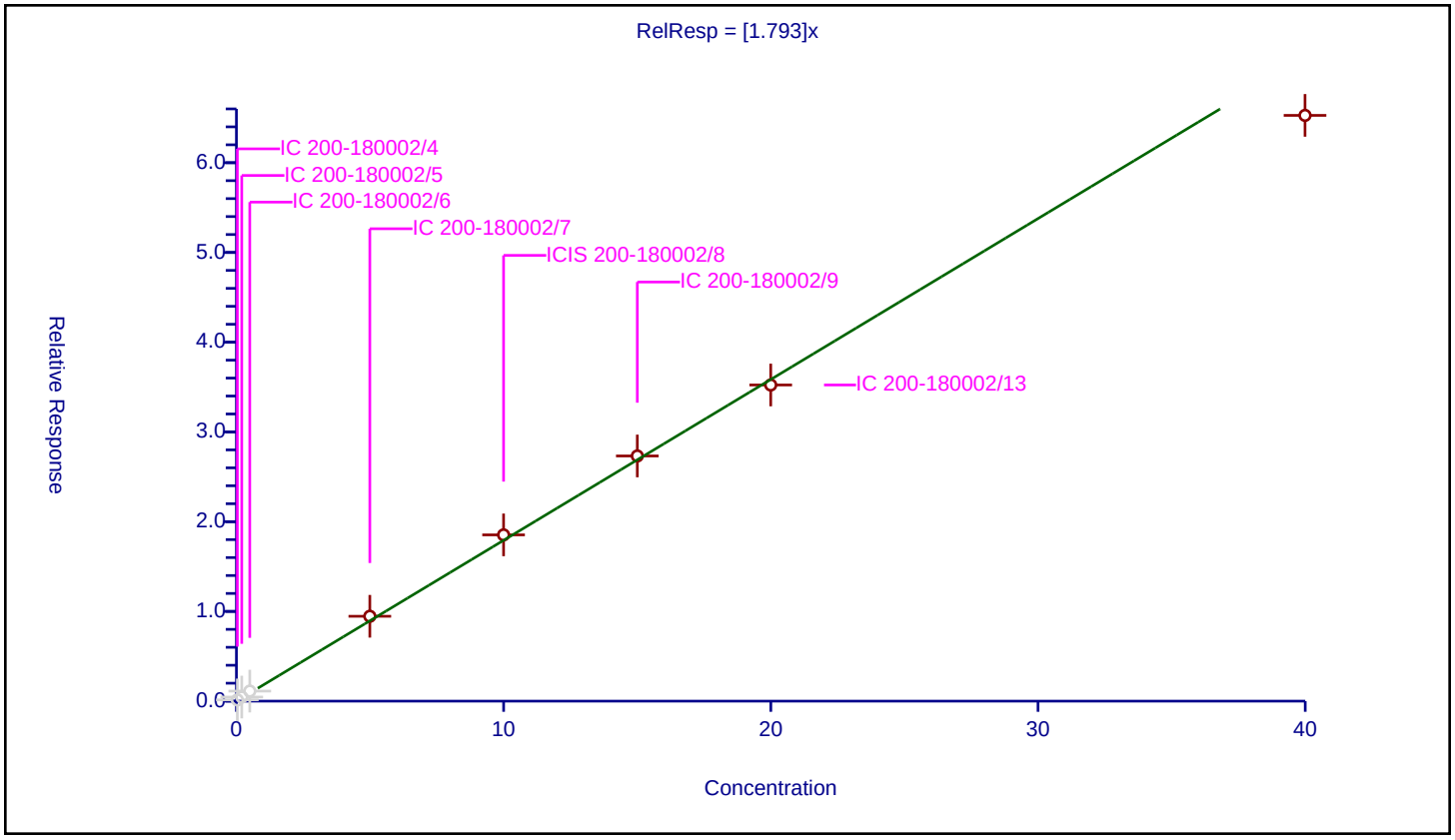
Curve Coefficients

Intercept:	0
Slope:	1.793

Error Coefficients

Standard Error:	569000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.139245	20.0	270315.0	3.969701	N
2	IC 200-180002/5	0.20044	0.454625	20.0	269981.0	2.268137	N
3	IC 200-180002/6	0.500453	1.119174	20.0	268305.0	2.236324	N
4	IC 200-180002/7	4.992563	9.457742	20.0	279037.0	1.894366	Y
5	ICIS 200-180002/8	9.99806	18.526971	20.0	274930.0	1.853057	Y
6	IC 200-180002/9	15.003557	27.322005	20.0	273884.0	1.821035	Y
7	IC 200-180002/13	19.99612	35.233938	20.0	268725.0	1.762039	Y
8	IC 200-180002/14	39.99224	65.276091	20.0	282027.0	1.632219	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

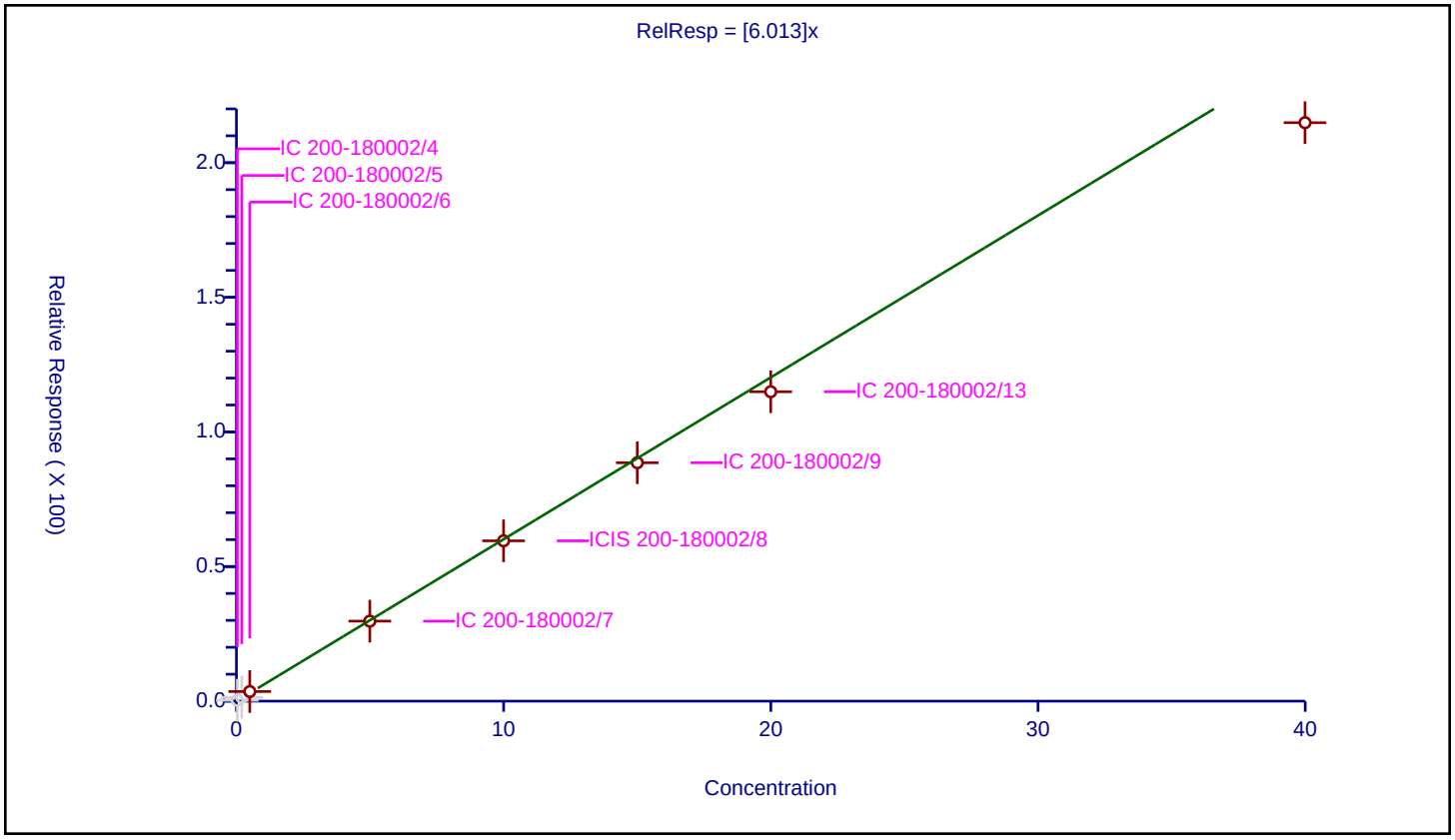
Curve Coefficients

Intercept:	0
Slope:	6.013

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.336644	20.0	270315.0	9.59731	N
2	IC 200-180002/5	0.20044	1.41084	20.0	269981.0	7.038727	N
3	IC 200-180002/6	0.500453	3.577049	20.0	268305.0	7.147627	Y
4	IC 200-180002/7	4.992563	29.724158	20.0	279037.0	5.953687	Y
5	ICIS 200-180002/8	9.99806	59.551886	20.0	274930.0	5.956344	Y
6	IC 200-180002/9	15.003557	88.560632	20.0	273884.0	5.902642	Y
7	IC 200-180002/13	19.99612	114.927826	20.0	268725.0	5.747506	Y
8	IC 200-180002/14	39.99224	214.878292	20.0	282027.0	5.373	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

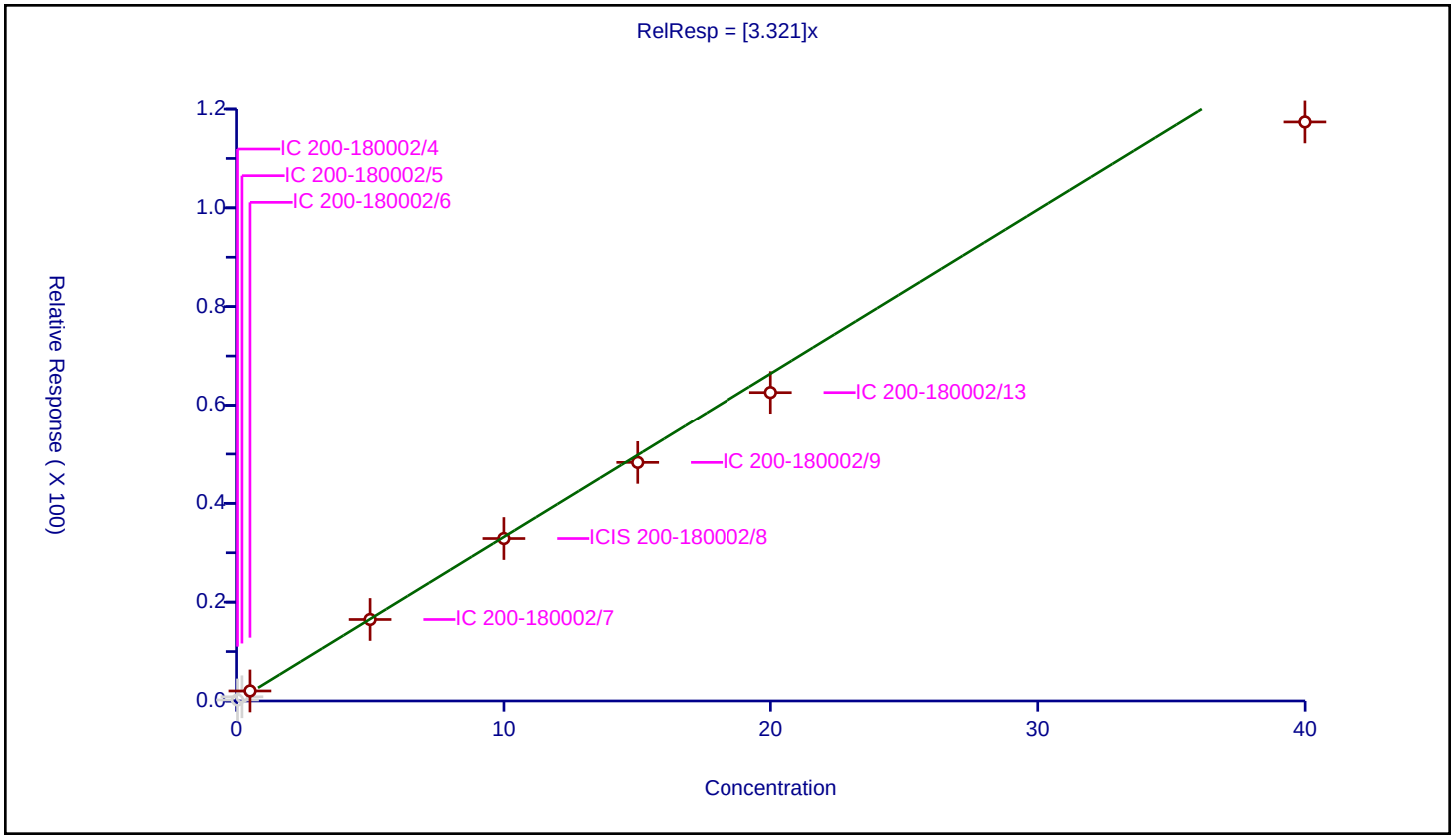
Curve Coefficients

Intercept:	0
Slope:	3.321

Error Coefficients

Standard Error:	910000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.206648	20.0	270315.0	5.891272	N
2	IC 200-180002/5	0.20044	0.852208	20.0	269981.0	4.251694	N
3	IC 200-180002/6	0.500453	2.025754	20.0	268305.0	4.047845	Y
4	IC 200-180002/7	4.992563	16.49602	20.0	279037.0	3.304119	Y
5	ICIS 200-180002/8	9.99806	32.87695	20.0	274930.0	3.288333	Y
6	IC 200-180002/9	15.003557	48.294533	20.0	273884.0	3.218872	Y
7	IC 200-180002/13	19.99612	62.590827	20.0	268725.0	3.130149	Y
8	IC 200-180002/14	39.99224	117.389115	20.0	282027.0	2.935297	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

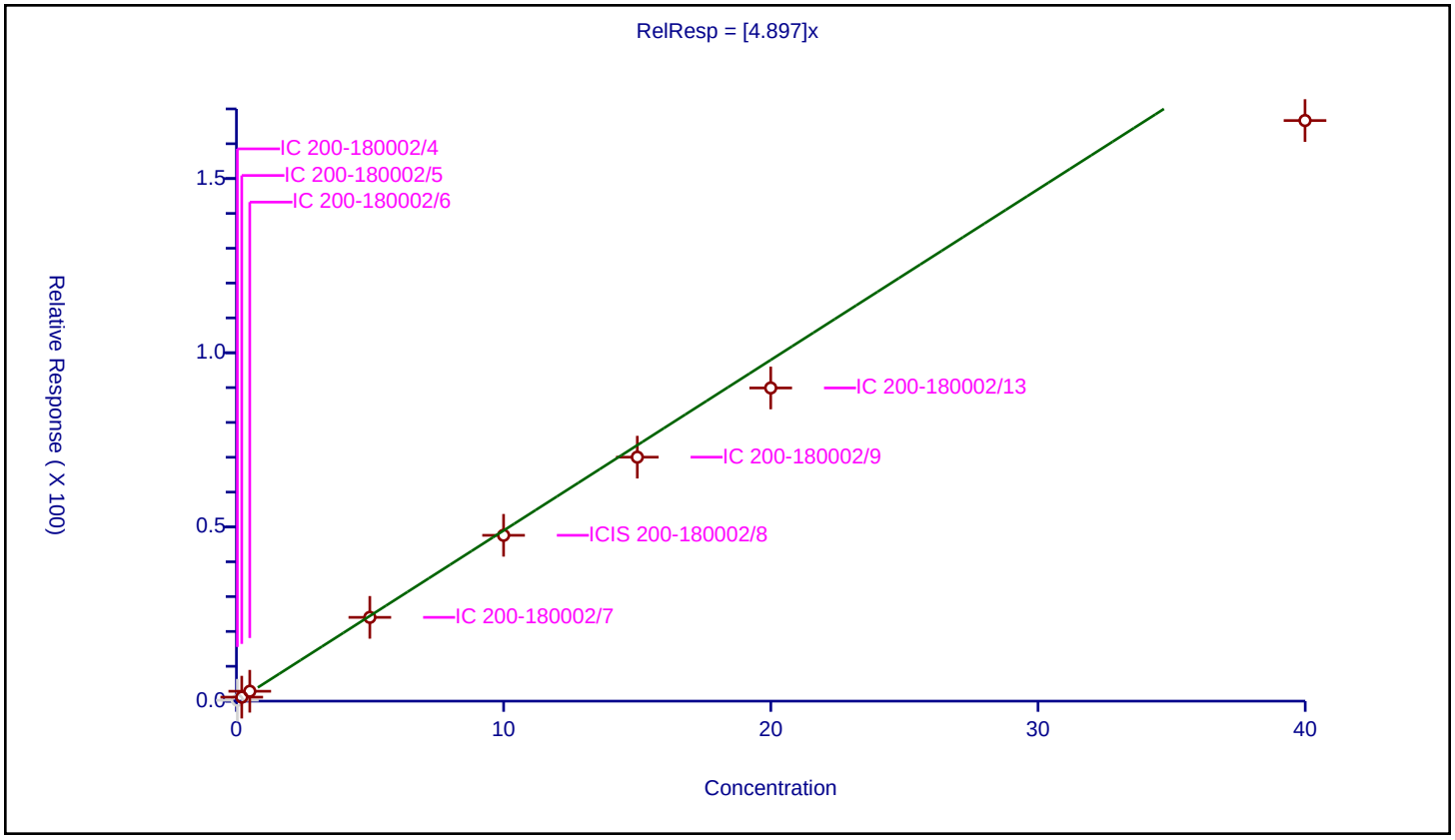
Curve Coefficients

Intercept:	0
Slope:	4.897

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.256146	20.0	270315.0	7.302393	N
2	IC 200-180002/5	0.20044	1.143192	20.0	269981.0	5.70342	Y
3	IC 200-180002/6	0.500453	2.836846	20.0	268305.0	5.668561	Y
4	IC 200-180002/7	4.992563	24.048782	20.0	279037.0	4.816921	Y
5	ICIS 200-180002/8	9.99806	47.603754	20.0	274930.0	4.761299	Y
6	IC 200-180002/9	15.003557	70.032861	20.0	273884.0	4.667751	Y
7	IC 200-180002/13	19.99612	89.895618	20.0	268725.0	4.495653	Y
8	IC 200-180002/14	39.99224	166.660142	20.0	282027.0	4.167312	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

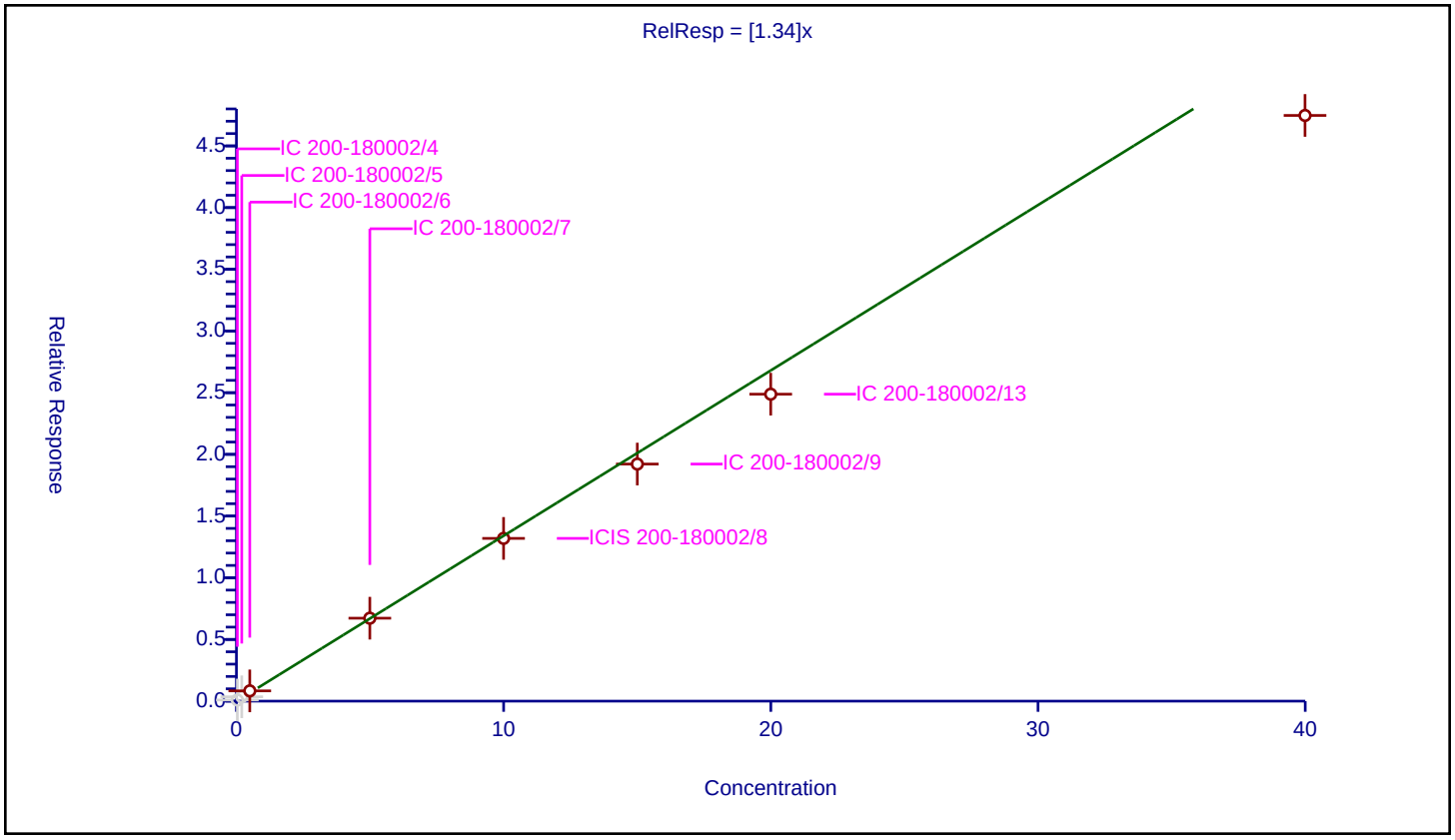
Curve Coefficients

Intercept:	0
Slope:	1.34

Error Coefficients

Standard Error:	366000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.091005	20.0	270315.0	2.594438	N
2	IC 200-180002/5	0.20044	0.352543	20.0	269981.0	1.75885	N
3	IC 200-180002/6	0.500453	0.83256	20.0	268305.0	1.663614	Y
4	IC 200-180002/7	4.992563	6.722191	20.0	279037.0	1.346441	Y
5	ICIS 200-180002/8	9.99806	13.190194	20.0	274930.0	1.319275	Y
6	IC 200-180002/9	15.003557	19.213974	20.0	273884.0	1.280628	Y
7	IC 200-180002/13	19.99612	24.878221	20.0	268725.0	1.244152	Y
8	IC 200-180002/14	39.99224	47.469356	20.0	282027.0	1.186964	Y



Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

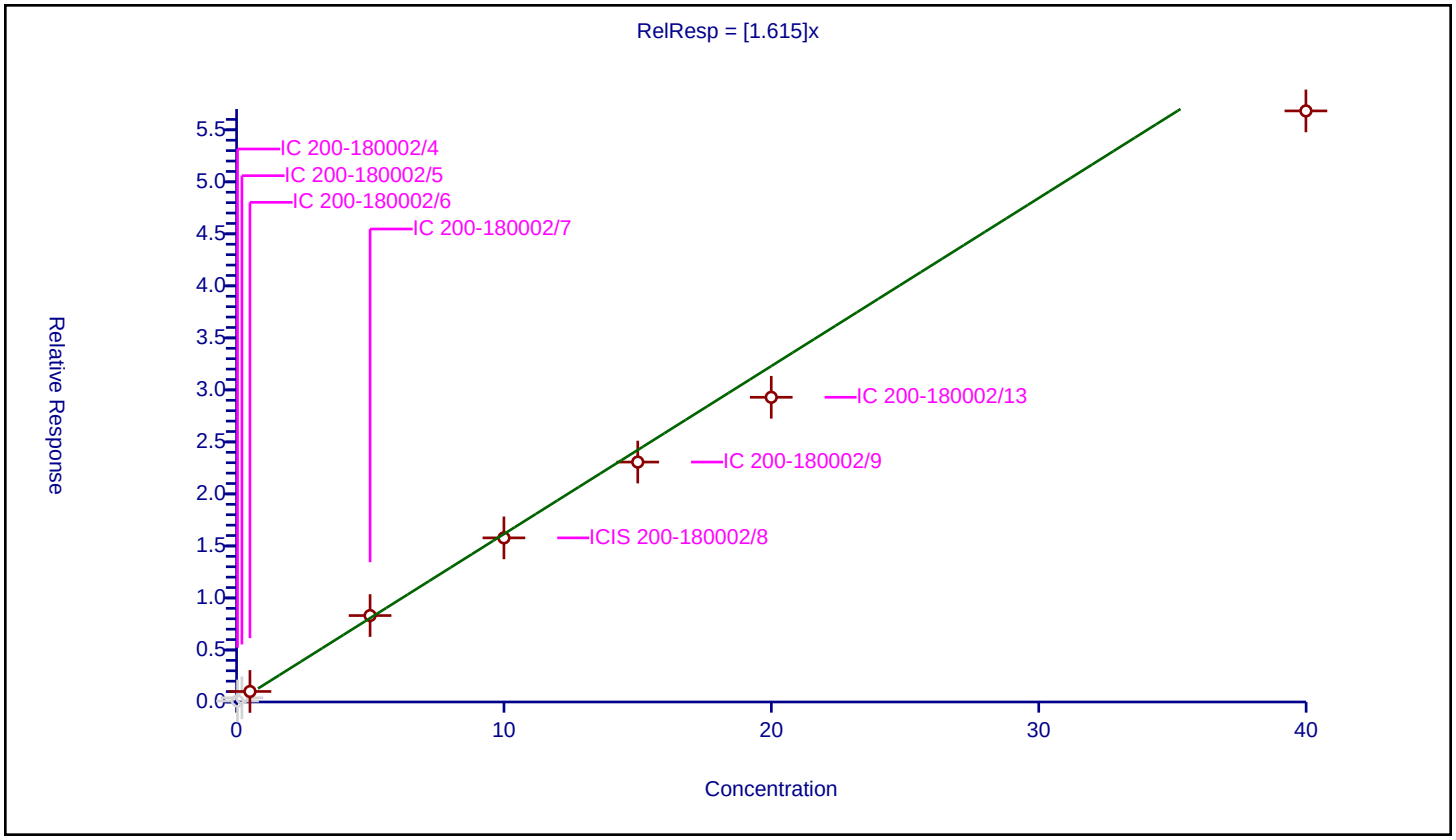
Curve Coefficients

Intercept:	0
Slope:	1.615

Error Coefficients

Standard Error:	438000
Relative Standard Error:	13.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.093816	20.0	270315.0	2.674591	N
2	IC 200-180002/5	0.20044	0.401139	20.0	269981.0	2.001297	N
3	IC 200-180002/6	0.500453	1.01243	20.0	268305.0	2.023029	Y
4	IC 200-180002/7	4.992563	8.308934	20.0	279037.0	1.664262	Y
5	ICIS 200-180002/8	9.99806	15.775579	20.0	274930.0	1.577864	Y
6	IC 200-180002/9	15.003557	23.06356	20.0	273884.0	1.537206	Y
7	IC 200-180002/13	19.99612	29.289273	20.0	268725.0	1.464748	Y
8	IC 200-180002/14	39.99224	56.817184	20.0	282027.0	1.420705	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

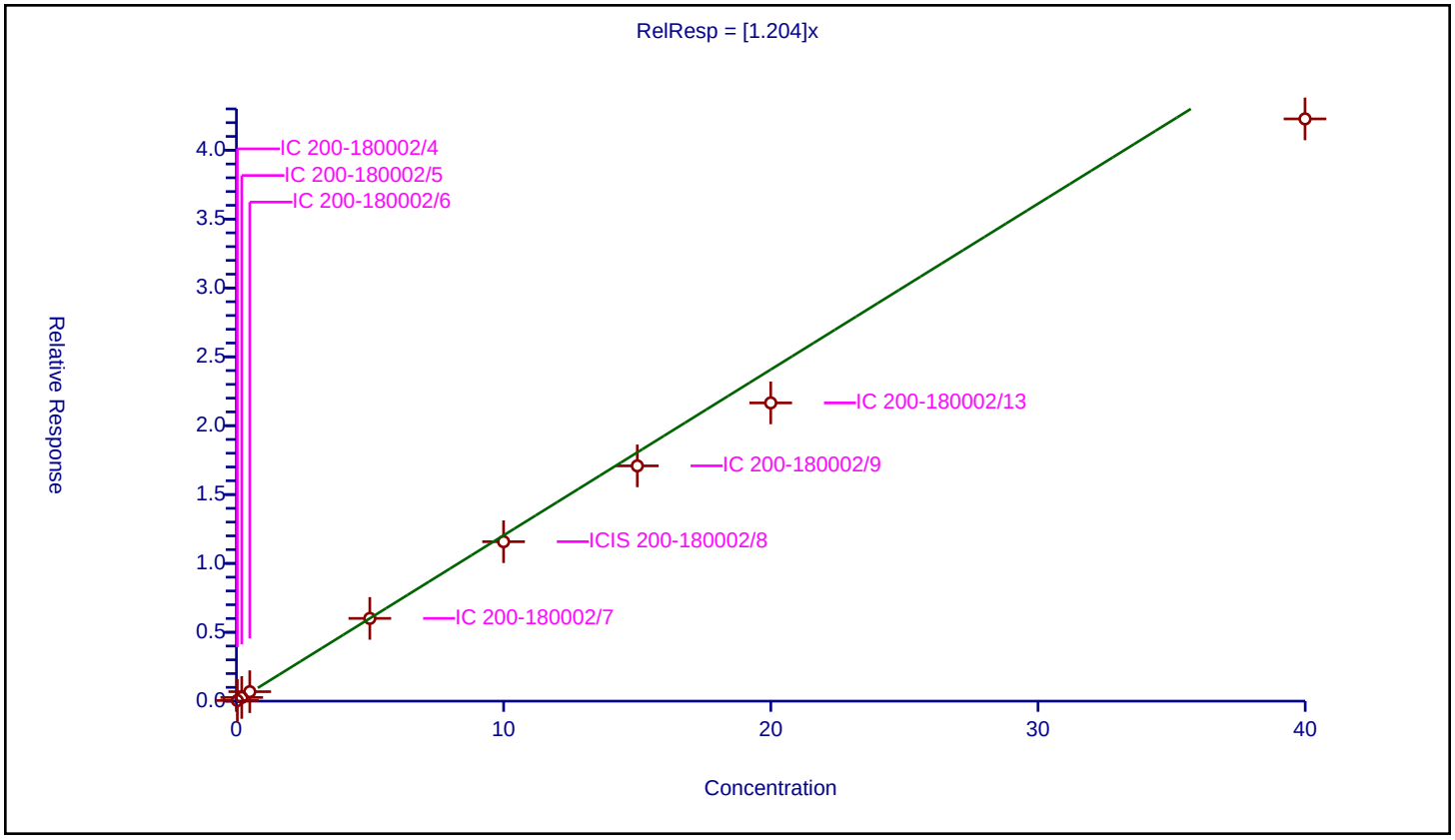
Curve Coefficients

Intercept:	0
Slope:	1.204

Error Coefficients

Standard Error:	274000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.045281	20.0	270315.0	1.290891	Y
2	IC 200-180002/5	0.20044	0.265945	20.0	269981.0	1.326806	Y
3	IC 200-180002/6	0.500453	0.687128	20.0	268305.0	1.373014	Y
4	IC 200-180002/7	4.992563	6.007734	20.0	279037.0	1.203337	Y
5	ICIS 200-180002/8	9.99806	11.576838	20.0	274930.0	1.157908	Y
6	IC 200-180002/9	15.003557	17.082487	20.0	273884.0	1.138563	Y
7	IC 200-180002/13	19.99612	21.653586	20.0	268725.0	1.082889	Y
8	IC 200-180002/14	39.99224	42.273612	20.0	282027.0	1.057045	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

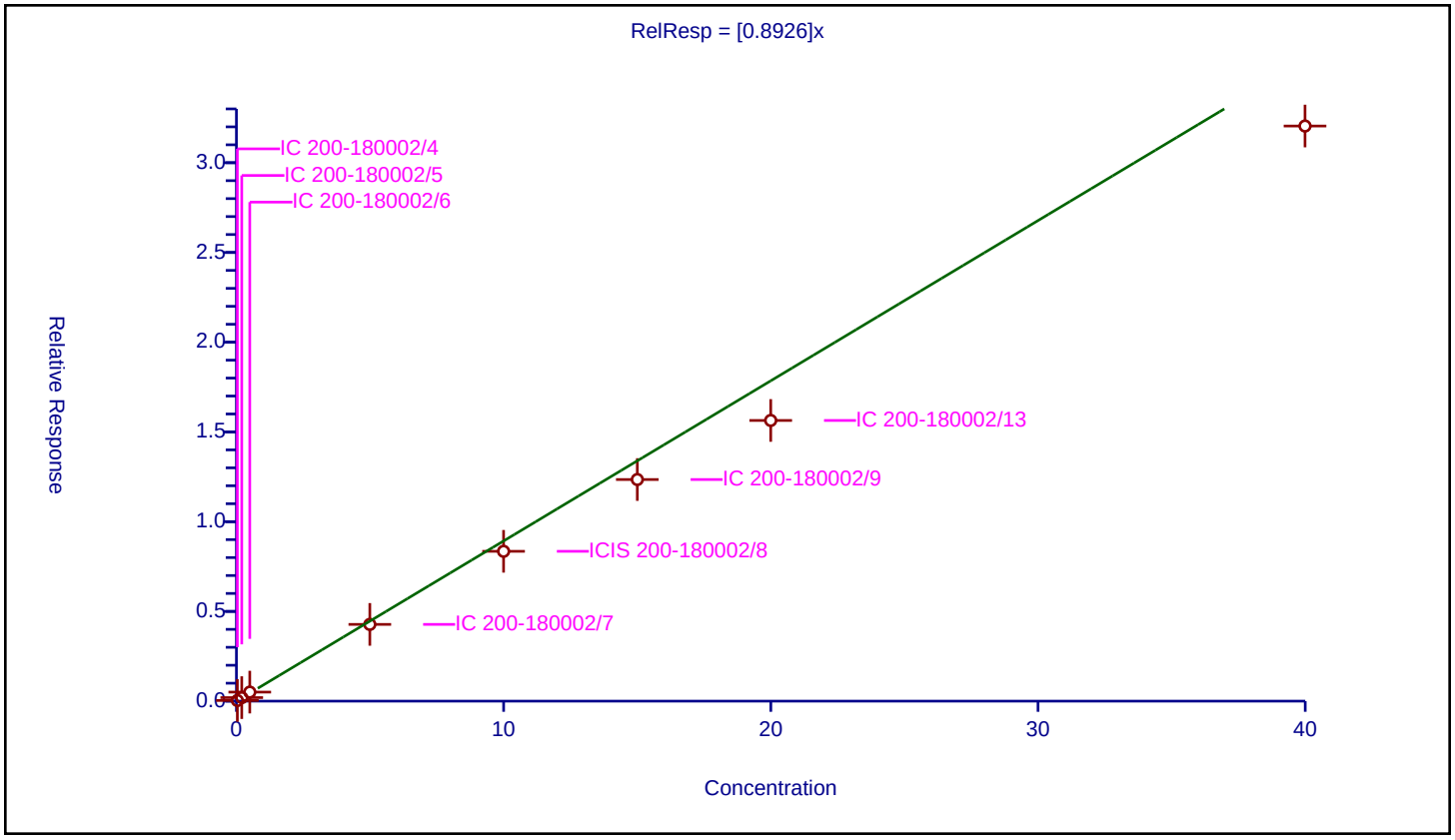
Curve Coefficients

Intercept:	0
Slope:	0.8926

Error Coefficients

Standard Error:	205000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.037068	20.0	270315.0	1.056759	Y
2	IC 200-180002/5	0.20044	0.196088	20.0	269981.0	0.978289	Y
3	IC 200-180002/6	0.500453	0.504351	20.0	268305.0	1.007791	Y
4	IC 200-180002/7	4.992563	4.275777	20.0	279037.0	0.856429	Y
5	ICIS 200-180002/8	9.99806	8.348016	20.0	274930.0	0.834964	Y
6	IC 200-180002/9	15.003557	12.347782	20.0	273884.0	0.82299	Y
7	IC 200-180002/13	19.99612	15.639929	20.0	268725.0	0.782148	Y
8	IC 200-180002/14	39.99224	32.045088	20.0	282027.0	0.801283	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

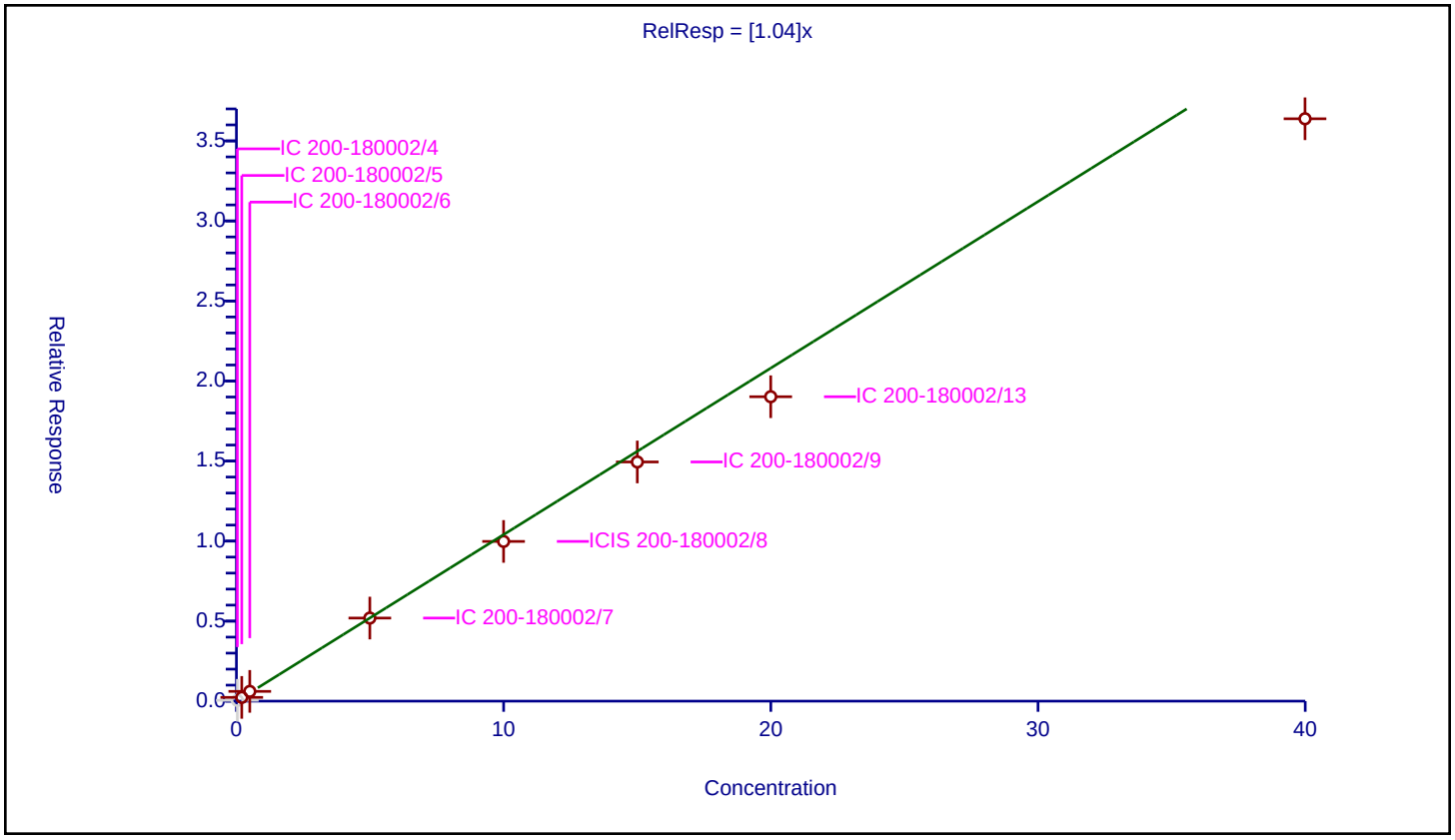
Curve Coefficients

Intercept:	0
Slope:	1.04

Error Coefficients

Standard Error:	256000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.050756	20.0	270315.0	1.446979	N
2	IC 200-180002/5	0.20044	0.234165	20.0	269981.0	1.168255	Y
3	IC 200-180002/6	0.500453	0.610499	20.0	268305.0	1.219894	Y
4	IC 200-180002/7	4.992563	5.190638	20.0	279037.0	1.039674	Y
5	ICIS 200-180002/8	9.99806	9.977813	20.0	274930.0	0.997975	Y
6	IC 200-180002/9	15.003557	14.94253	20.0	273884.0	0.995933	Y
7	IC 200-180002/13	19.99612	19.018402	20.0	268725.0	0.951105	Y
8	IC 200-180002/14	39.99224	36.382332	20.0	282027.0	0.909735	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

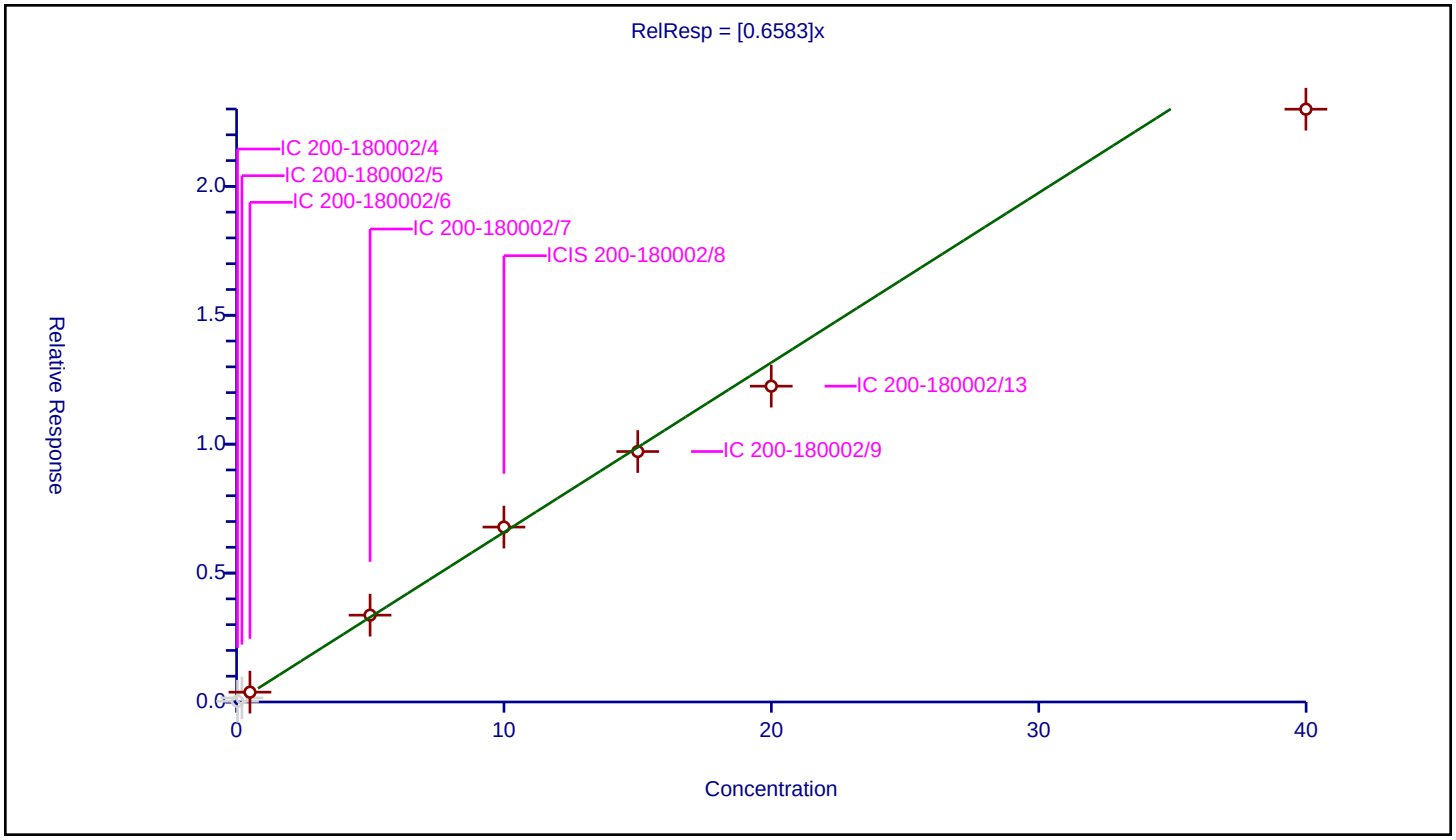
Curve Coefficients

Intercept:	0
Slope:	0.6583

Error Coefficients

Standard Error:	179000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.028189	20.0	270315.0	0.803643	N
2	IC 200-180002/5	0.20044	0.15727	20.0	269981.0	0.784627	N
3	IC 200-180002/6	0.500453	0.381133	20.0	268305.0	0.761577	Y
4	IC 200-180002/7	4.992563	3.368586	20.0	279037.0	0.674721	Y
5	ICIS 200-180002/8	9.99806	6.784272	20.0	274930.0	0.678559	Y
6	IC 200-180002/9	15.003557	9.714989	20.0	273884.0	0.647512	Y
7	IC 200-180002/13	19.99612	12.249995	20.0	268725.0	0.612619	Y
8	IC 200-180002/14	39.99224	22.992409	20.0	282027.0	0.574922	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

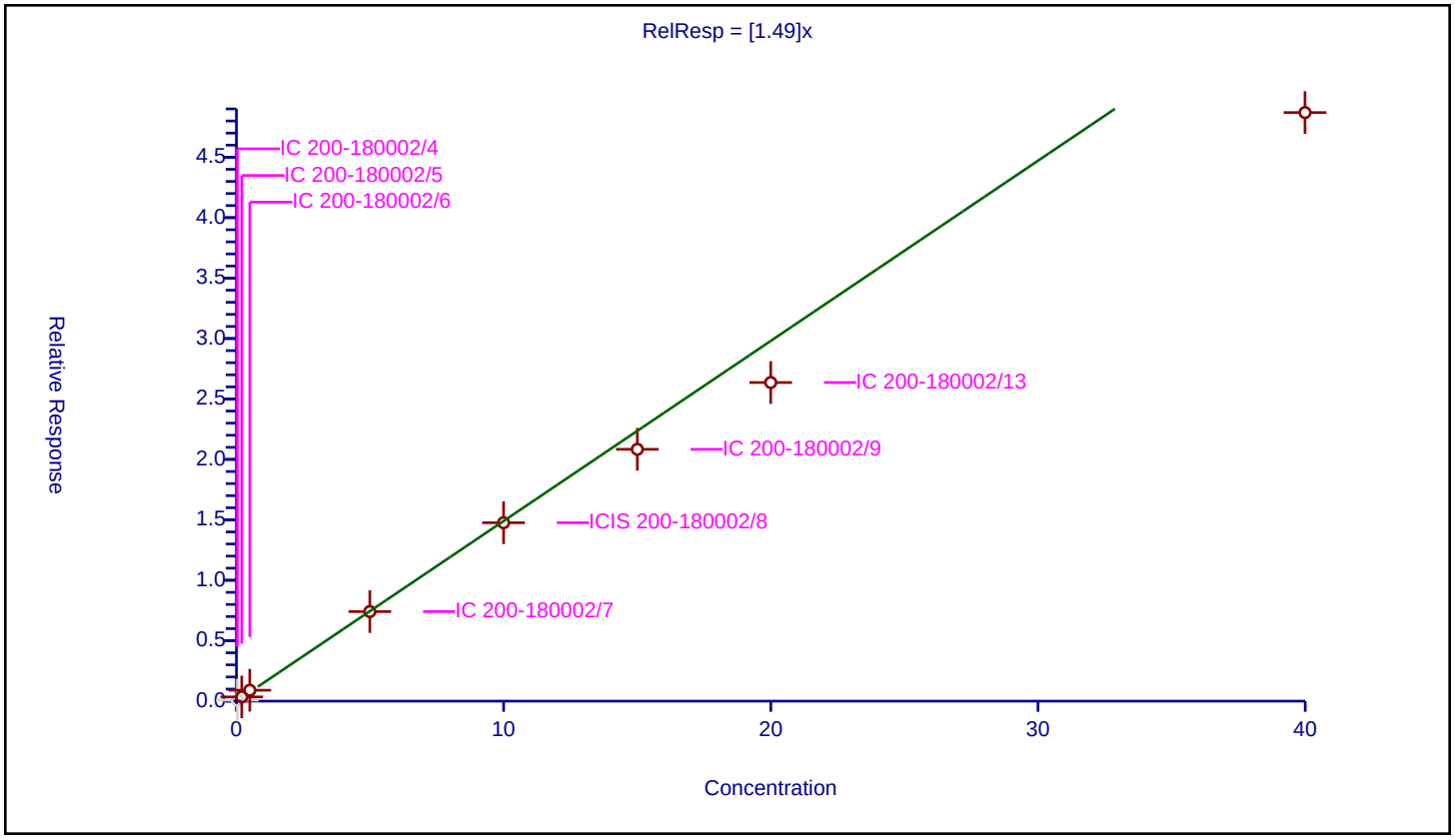
Curve Coefficients

Intercept:	0
Slope:	1.49

Error Coefficients

Standard Error:	349000
Relative Standard Error:	14.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.081091	20.0	270315.0	2.311792	N
2	IC 200-180002/5	0.20044	0.349654	20.0	269981.0	1.744436	Y
3	IC 200-180002/6	0.500453	0.90248	20.0	268305.0	1.803328	Y
4	IC 200-180002/7	4.992563	7.4102	20.0	279037.0	1.484248	Y
5	ICIS 200-180002/8	9.99806	14.76063	20.0	274930.0	1.476349	Y
6	IC 200-180002/9	15.003557	20.835682	20.0	273884.0	1.388716	Y
7	IC 200-180002/13	19.99612	26.359661	20.0	268725.0	1.318239	Y
8	IC 200-180002/14	39.99224	48.695905	20.0	282027.0	1.217634	Y



Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

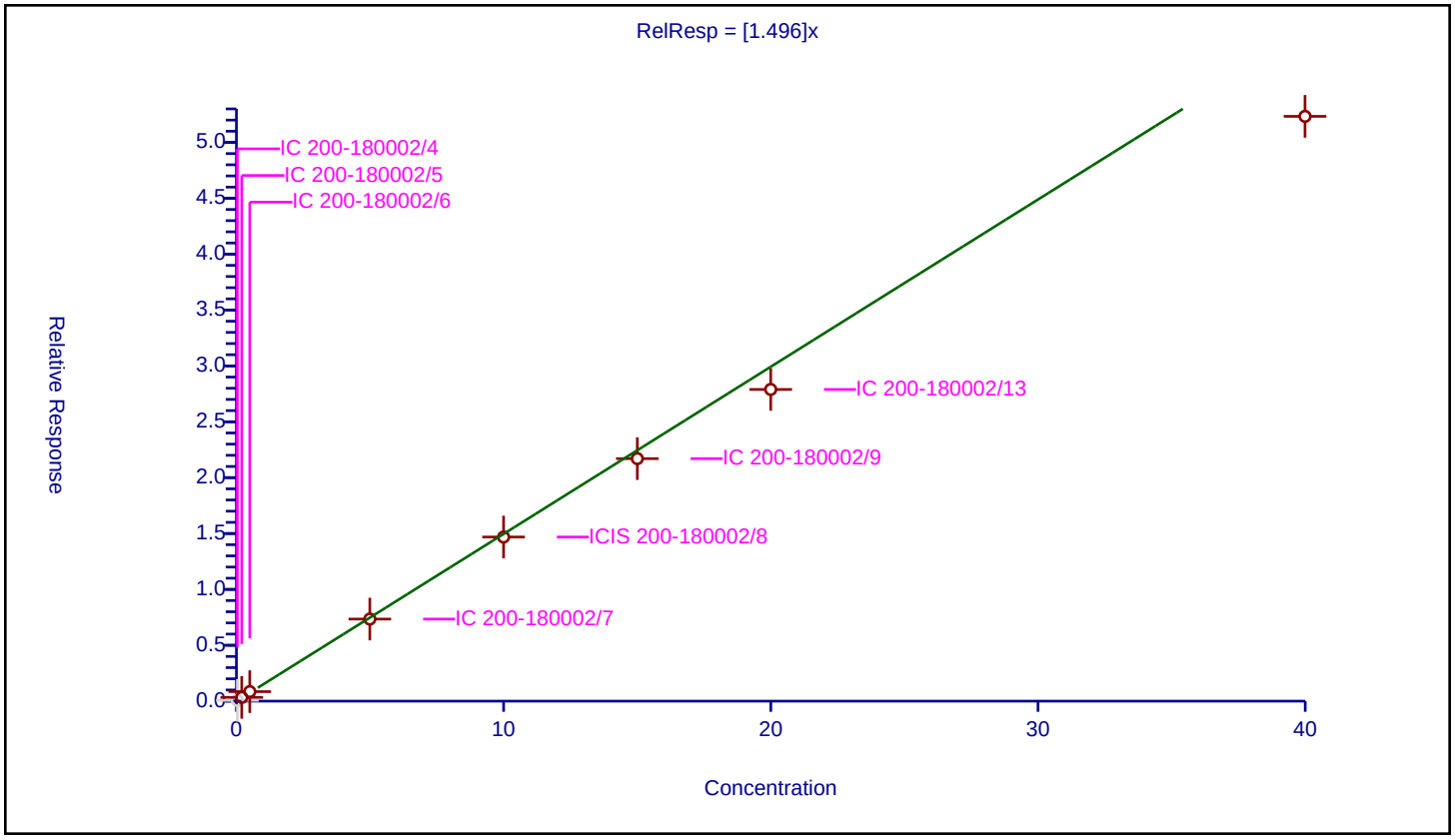
Curve Coefficients

Intercept:	0
Slope:	1.496

Error Coefficients

Standard Error:	371000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.071102	20.0	270315.0	2.027036	N
2	IC 200-180002/5	0.20044	0.336987	20.0	269981.0	1.681237	Y
3	IC 200-180002/6	0.500453	0.852314	20.0	268305.0	1.703086	Y
4	IC 200-180002/7	4.992563	7.345764	20.0	279037.0	1.471341	Y
5	ICIS 200-180002/8	9.99806	14.684538	20.0	274930.0	1.468739	Y
6	IC 200-180002/9	15.003557	21.702034	20.0	273884.0	1.446459	Y
7	IC 200-180002/13	19.99612	27.893348	20.0	268725.0	1.394938	Y
8	IC 200-180002/14	39.99224	52.332649	20.0	282027.0	1.30857	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

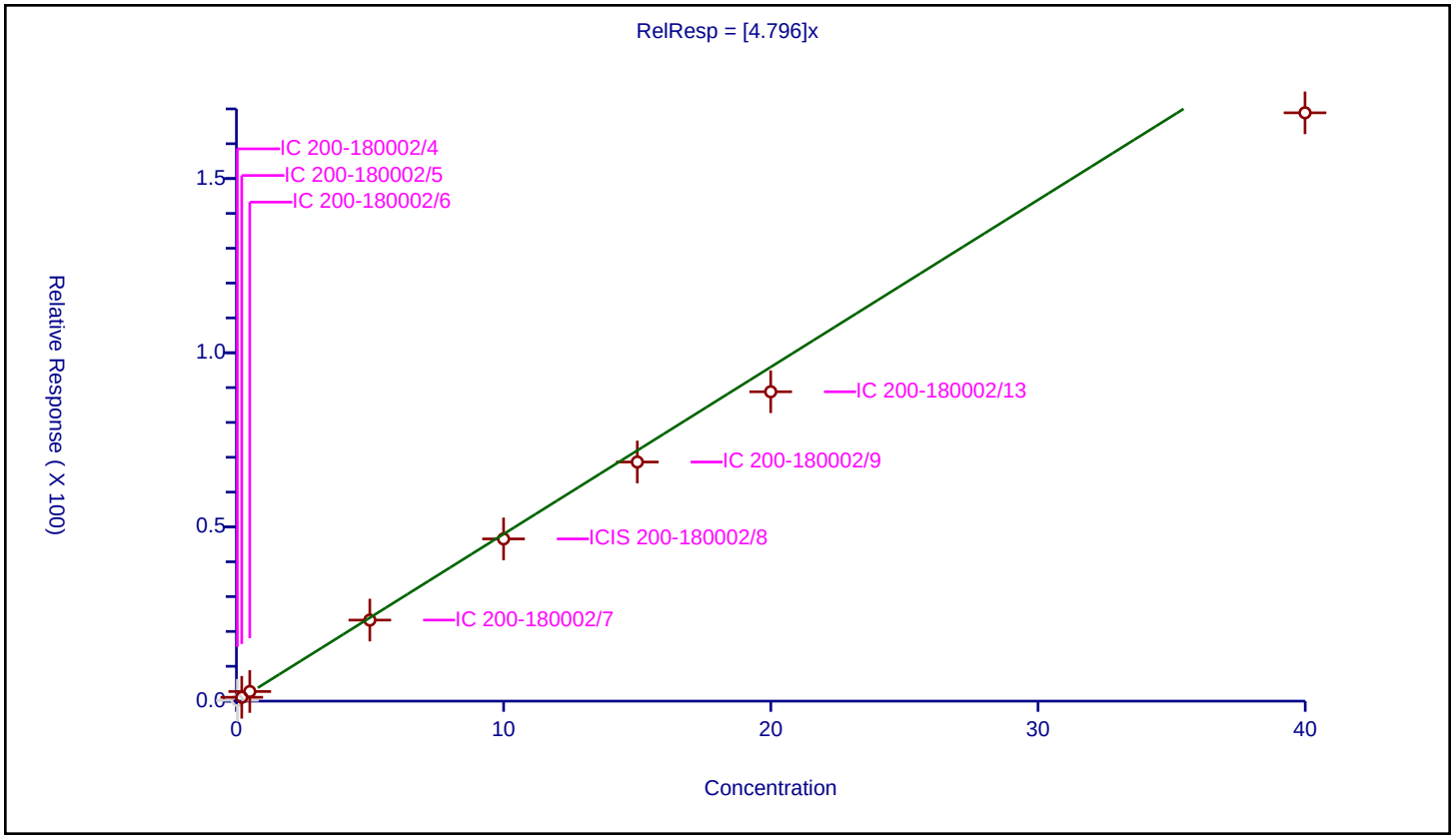
Curve Coefficients

Intercept:	0
Slope:	4.796

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.237871	20.0	270315.0	6.781396	N
2	IC 200-180002/5	0.20044	1.101337	20.0	269981.0	5.494605	Y
3	IC 200-180002/6	0.500453	2.761261	20.0	268305.0	5.517527	Y
4	IC 200-180002/7	4.992563	23.270606	20.0	279037.0	4.661054	Y
5	ICIS 200-180002/8	9.99806	46.569527	20.0	274930.0	4.657856	Y
6	IC 200-180002/9	15.003557	68.640227	20.0	273884.0	4.57493	Y
7	IC 200-180002/13	19.99612	88.812801	20.0	268725.0	4.441502	Y
8	IC 200-180002/14	39.99224	168.879717	20.0	282027.0	4.222812	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

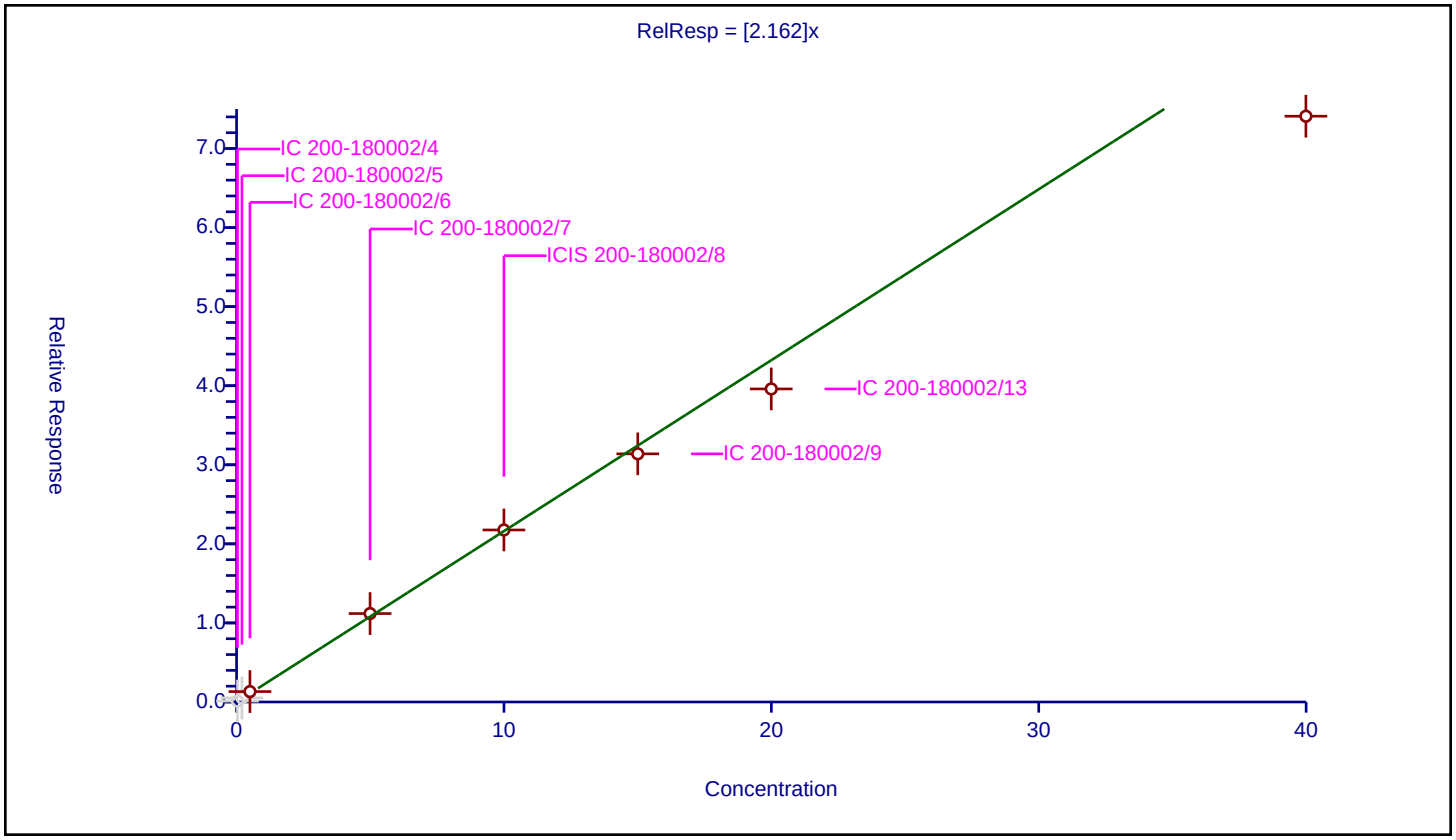
Curve Coefficients

Intercept:	0
Slope:	2.162

Error Coefficients

Standard Error:	578000
Relative Standard Error:	12.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.116161	20.0	270315.0	3.311599	N
2	IC 200-180002/5	0.20044	0.509814	20.0	269981.0	2.543477	N
3	IC 200-180002/6	0.500453	1.315518	20.0	268305.0	2.628656	Y
4	IC 200-180002/7	4.992563	11.186115	20.0	279037.0	2.240556	Y
5	ICIS 200-180002/8	9.99806	21.755647	20.0	274930.0	2.175987	Y
6	IC 200-180002/9	15.003557	31.384747	20.0	273884.0	2.09182	Y
7	IC 200-180002/13	19.99612	39.593785	20.0	268725.0	1.980073	Y
8	IC 200-180002/14	39.99224	74.0878	20.0	282027.0	1.852554	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

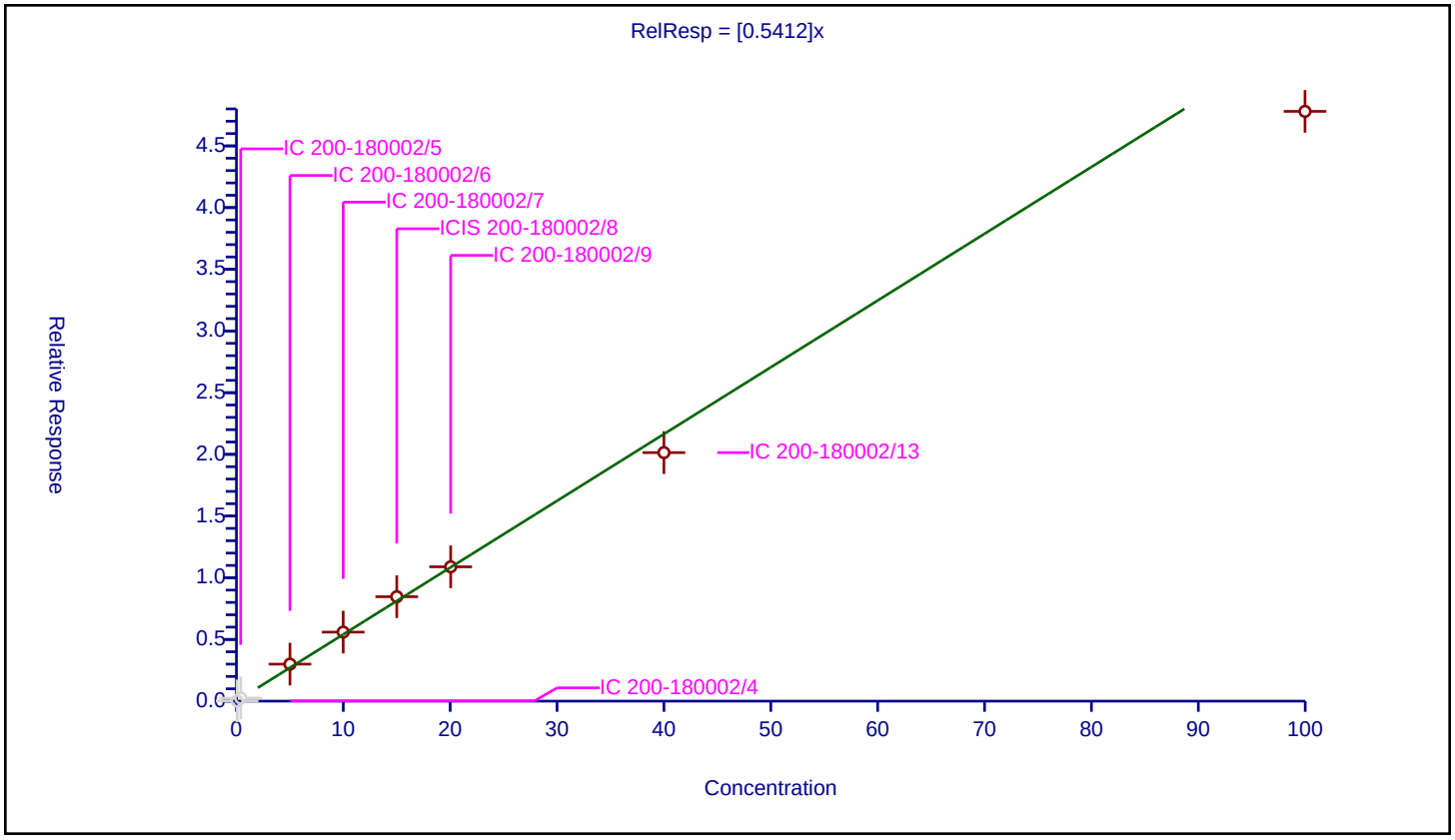
Curve Coefficients

Intercept:	0
Slope:	0.5412

Error Coefficients

Standard Error:	338000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.070165	0.019385	20.0	270315.0	0.276273	N
2	IC 200-180002/5	0.400944	0.249721	20.0	269981.0	0.622833	N
3	IC 200-180002/6	5.010638	2.99905	20.0	268305.0	0.598536	Y
4	IC 200-180002/7	9.991593	5.593308	20.0	279037.0	0.559801	Y
5	ICIS 200-180002/8	15.003557	8.462518	20.0	274930.0	0.564034	Y
6	IC 200-180002/9	20.047856	10.886069	20.0	273884.0	0.543004	Y
7	IC 200-180002/13	39.998707	20.142376	20.0	268725.0	0.503576	Y
8	IC 200-180002/14	99.980599	47.800033	20.0	282027.0	0.478093	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

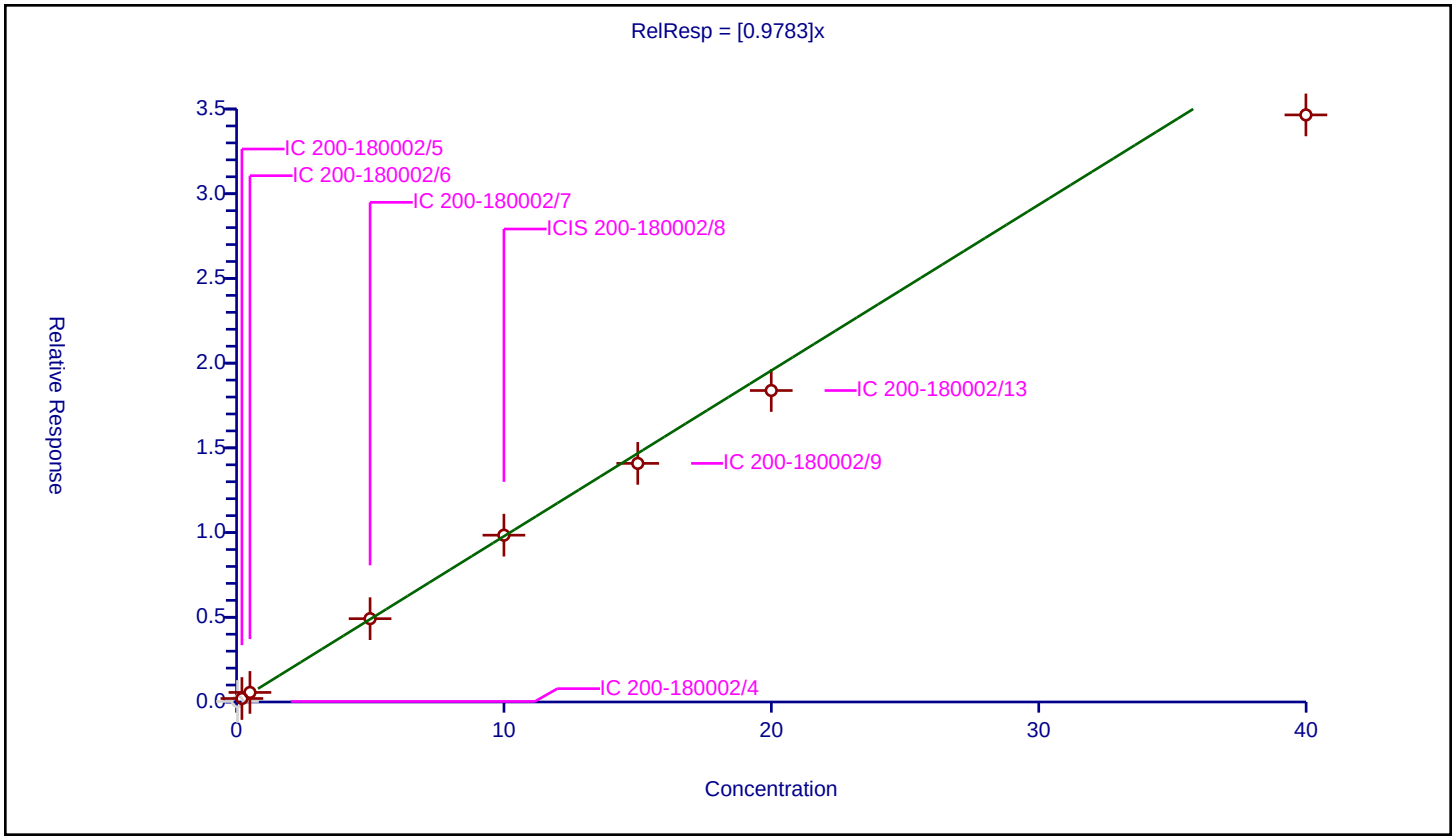
Curve Coefficients

Intercept:	0
Slope:	0.9783

Error Coefficients

Standard Error:	245000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.029891	20.0	270315.0	0.852157	N
2	IC 200-180002/5	0.20044	0.205792	20.0	269981.0	1.026704	Y
3	IC 200-180002/6	0.500453	0.563836	20.0	268305.0	1.126652	Y
4	IC 200-180002/7	4.992563	4.918344	20.0	279037.0	0.985134	Y
5	ICIS 200-180002/8	9.99806	9.846652	20.0	274930.0	0.984856	Y
6	IC 200-180002/9	15.003557	14.082969	20.0	273884.0	0.938642	Y
7	IC 200-180002/13	19.99612	18.384668	20.0	268725.0	0.919412	Y
8	IC 200-180002/14	39.99224	34.652001	20.0	282027.0	0.866468	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

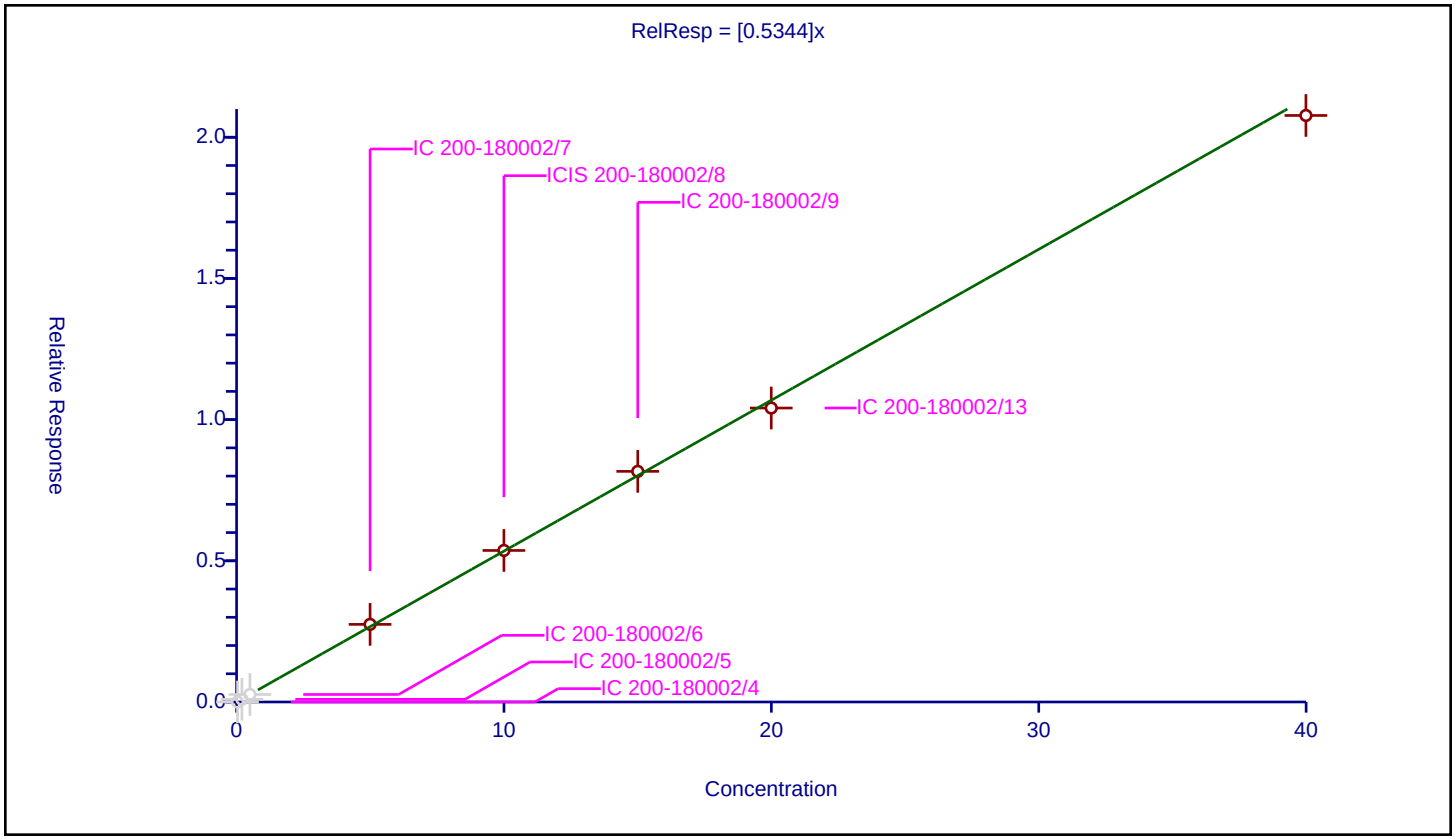
Curve Coefficients

Intercept:	0
Slope:	0.5344

Error Coefficients

Standard Error:	177000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	270315.0	0.0	N
2	IC 200-180002/5	0.20044	0.09371	20.0	269981.0	0.467524	N
3	IC 200-180002/6	0.500453	0.266264	20.0	268305.0	0.532047	N
4	IC 200-180002/7	4.992563	2.749026	20.0	279037.0	0.550624	Y
5	ICIS 200-180002/8	9.99806	5.366893	20.0	274930.0	0.536793	Y
6	IC 200-180002/9	15.003557	8.167911	20.0	273884.0	0.544398	Y
7	IC 200-180002/13	19.99612	10.410717	20.0	268725.0	0.520637	Y
8	IC 200-180002/14	39.99224	20.771416	20.0	282027.0	0.519386	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

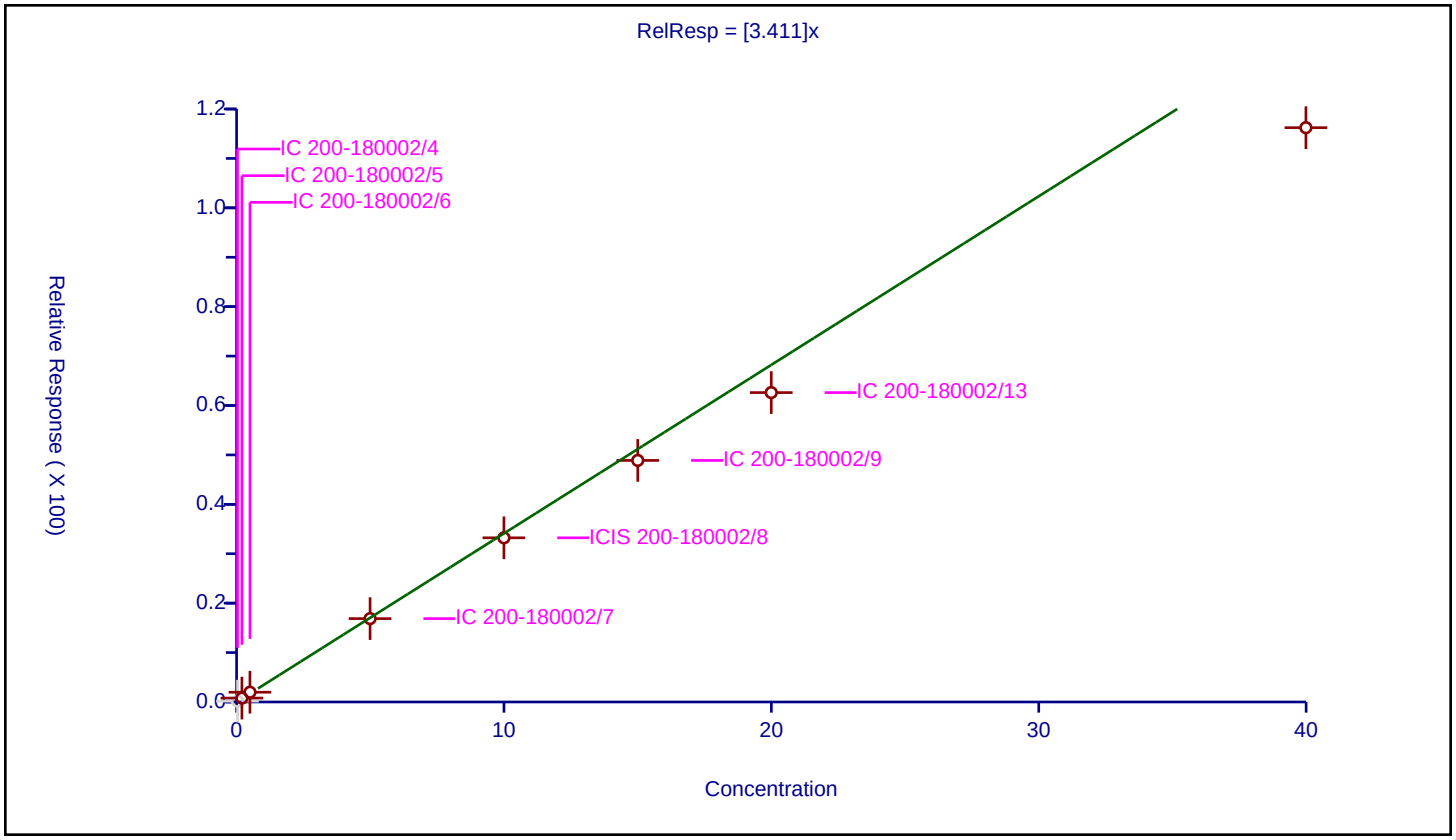
Curve Coefficients

Intercept:	0
Slope:	3.411

Error Coefficients

Standard Error:	827000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.170542	20.0	270315.0	4.861934	N
2	IC 200-180002/5	0.20044	0.788278	20.0	269981.0	3.932743	Y
3	IC 200-180002/6	0.500453	1.97596	20.0	268305.0	3.948346	Y
4	IC 200-180002/7	4.992563	16.870164	20.0	279037.0	3.379059	Y
5	ICIS 200-180002/8	9.99806	33.225476	20.0	274930.0	3.323192	Y
6	IC 200-180002/9	15.003557	48.885879	20.0	273884.0	3.258286	Y
7	IC 200-180002/13	19.99612	62.613229	20.0	268725.0	3.131269	Y
8	IC 200-180002/14	39.99224	116.224475	20.0	282027.0	2.906176	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

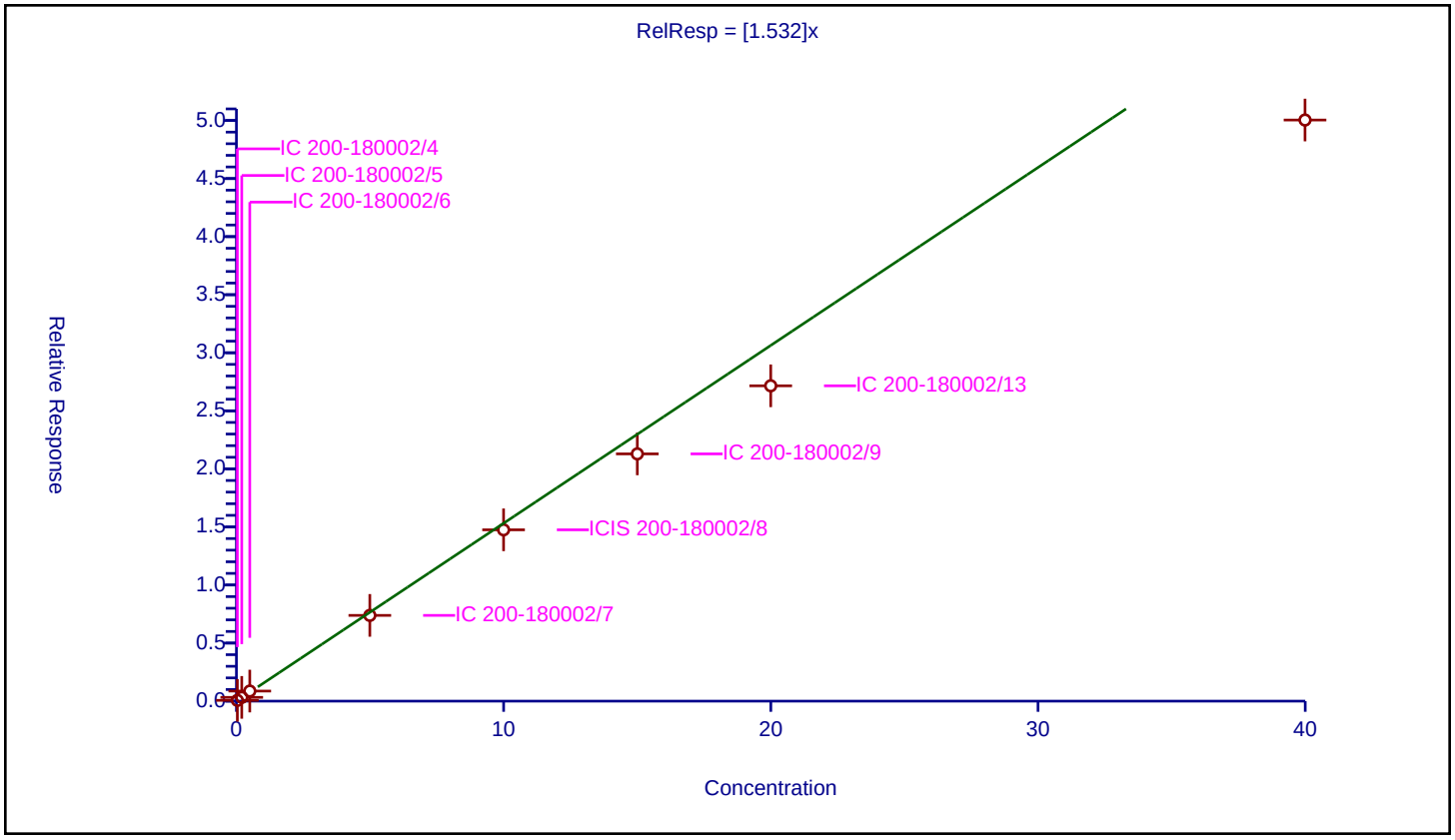
Curve Coefficients

Intercept:	0
Slope:	1.532

Error Coefficients

Standard Error:	331000
Relative Standard Error:	14.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.067181	20.0	270315.0	1.915243	Y
2	IC 200-180002/5	0.20044	0.324764	20.0	269981.0	1.620256	Y
3	IC 200-180002/6	0.500453	0.868787	20.0	268305.0	1.736003	Y
4	IC 200-180002/7	4.992563	7.383895	20.0	279037.0	1.478979	Y
5	ICIS 200-180002/8	9.99806	14.752191	20.0	274930.0	1.475505	Y
6	IC 200-180002/9	15.003557	21.29281	20.0	273884.0	1.419184	Y
7	IC 200-180002/13	19.99612	27.154303	20.0	268725.0	1.357979	Y
8	IC 200-180002/14	39.99224	50.042372	20.0	282027.0	1.251302	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

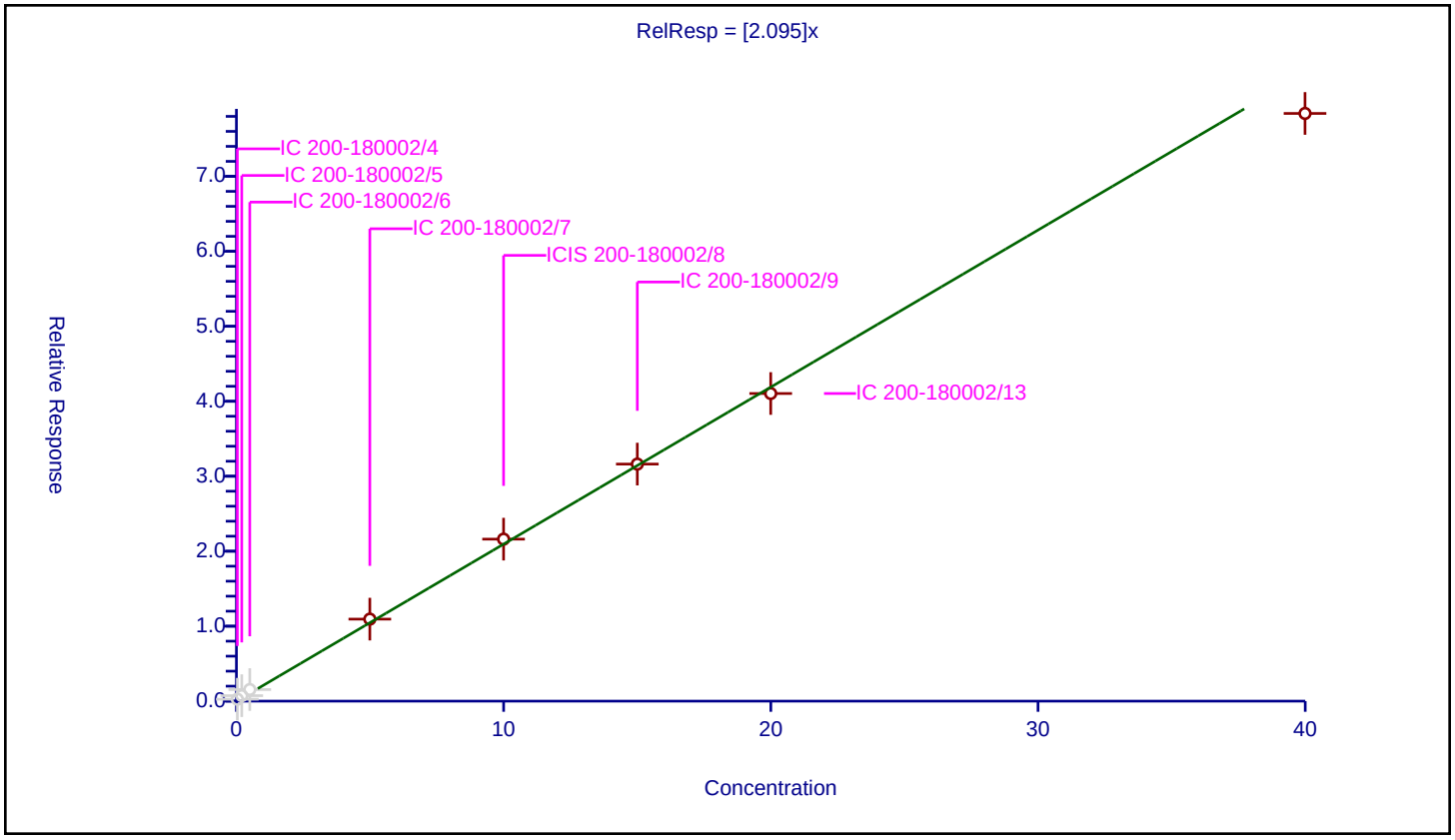
Curve Coefficients

Intercept:	0
Slope:	2.095

Error Coefficients

Standard Error:	675000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.25474	20.0	270315.0	7.262316	N
2	IC 200-180002/5	0.20044	0.728718	20.0	269981.0	3.635597	N
3	IC 200-180002/6	0.500453	1.548611	20.0	268305.0	3.09442	N
4	IC 200-180002/7	4.992563	10.941703	20.0	279037.0	2.1916	Y
5	ICIS 200-180002/8	9.99806	21.608846	20.0	274930.0	2.161304	Y
6	IC 200-180002/9	15.003557	31.620613	20.0	273884.0	2.107541	Y
7	IC 200-180002/13	19.99612	41.034217	20.0	268725.0	2.052109	Y
8	IC 200-180002/14	39.99224	78.392069	20.0	282027.0	1.960182	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

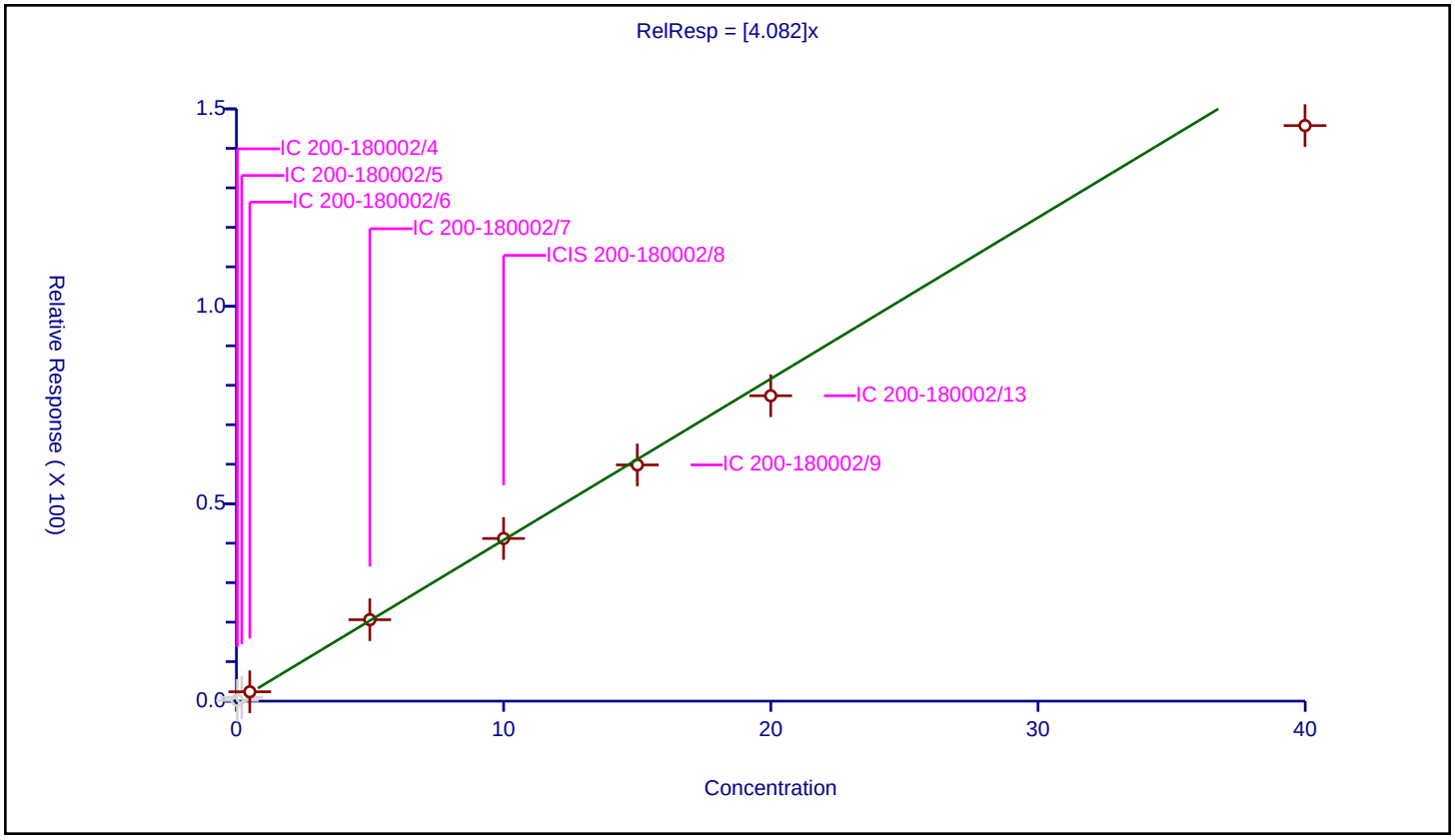
Curve Coefficients

Intercept:	0
Slope:	4.082

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.192294	20.0	270315.0	5.482068	N
2	IC 200-180002/5	0.20044	0.933473	20.0	269981.0	4.657128	N
3	IC 200-180002/6	0.500453	2.372077	20.0	268305.0	4.739863	Y
4	IC 200-180002/7	4.992563	20.62816	20.0	279037.0	4.131778	Y
5	ICIS 200-180002/8	9.99806	41.200378	20.0	274930.0	4.120837	Y
6	IC 200-180002/9	15.003557	59.829709	20.0	273884.0	3.987702	Y
7	IC 200-180002/13	19.99612	77.345911	20.0	268725.0	3.868046	Y
8	IC 200-180002/14	39.99224	145.772001	20.0	282027.0	3.645007	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

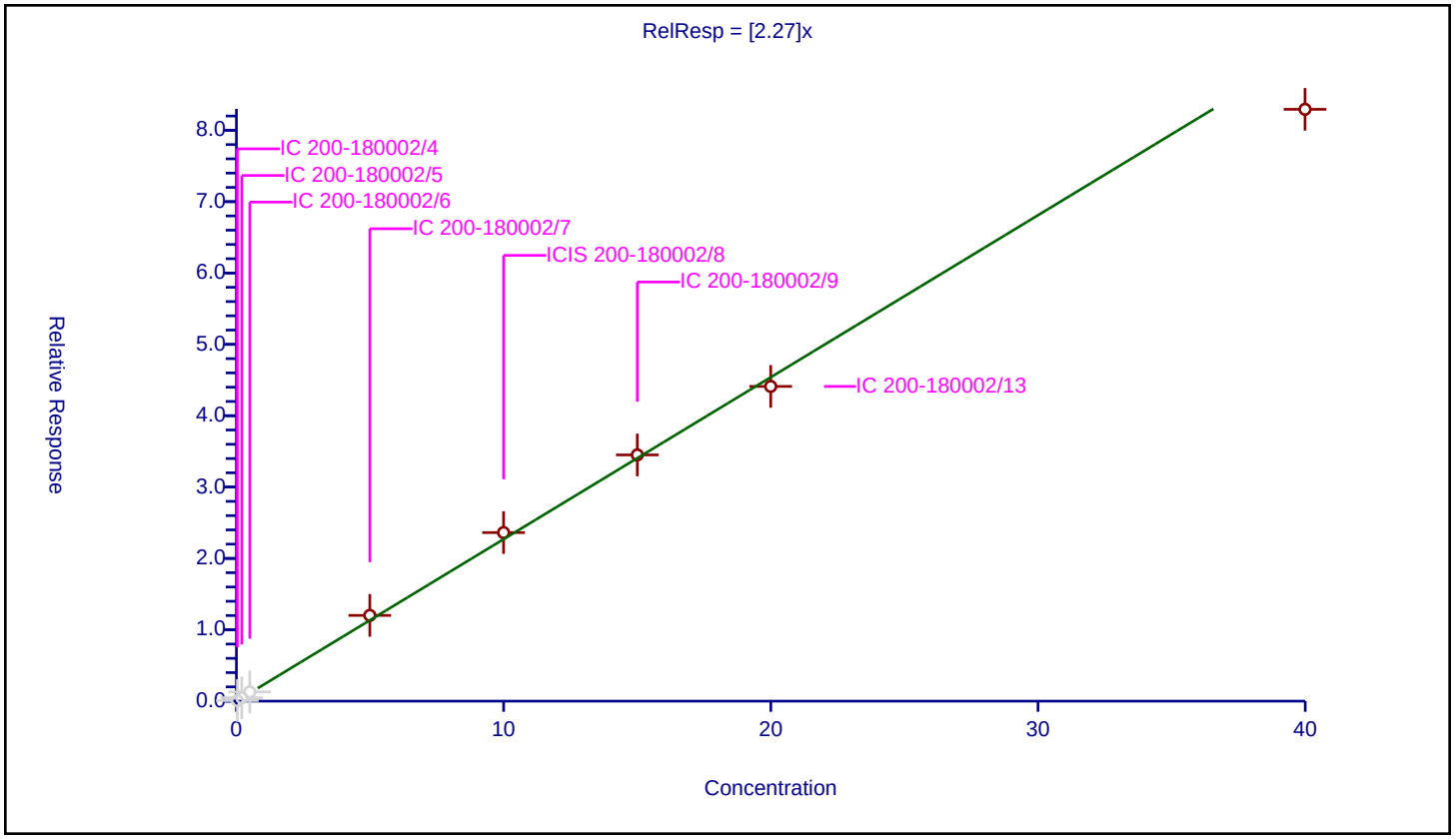
Curve Coefficients

Intercept:	0
Slope:	2.27

Error Coefficients

Standard Error:	720000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.079833	20.0	270315.0	2.275934	N
2	IC 200-180002/5	0.20044	0.479663	20.0	269981.0	2.393056	N
3	IC 200-180002/6	0.500453	1.295019	20.0	268305.0	2.587695	N
4	IC 200-180002/7	4.992563	12.017474	20.0	279037.0	2.407075	Y
5	ICIS 200-180002/8	9.99806	23.624559	20.0	274930.0	2.362914	Y
6	IC 200-180002/9	15.003557	34.506945	20.0	273884.0	2.299918	Y
7	IC 200-180002/13	19.99612	44.105163	20.0	268725.0	2.205686	Y
8	IC 200-180002/14	39.99224	82.942059	20.0	282027.0	2.073954	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

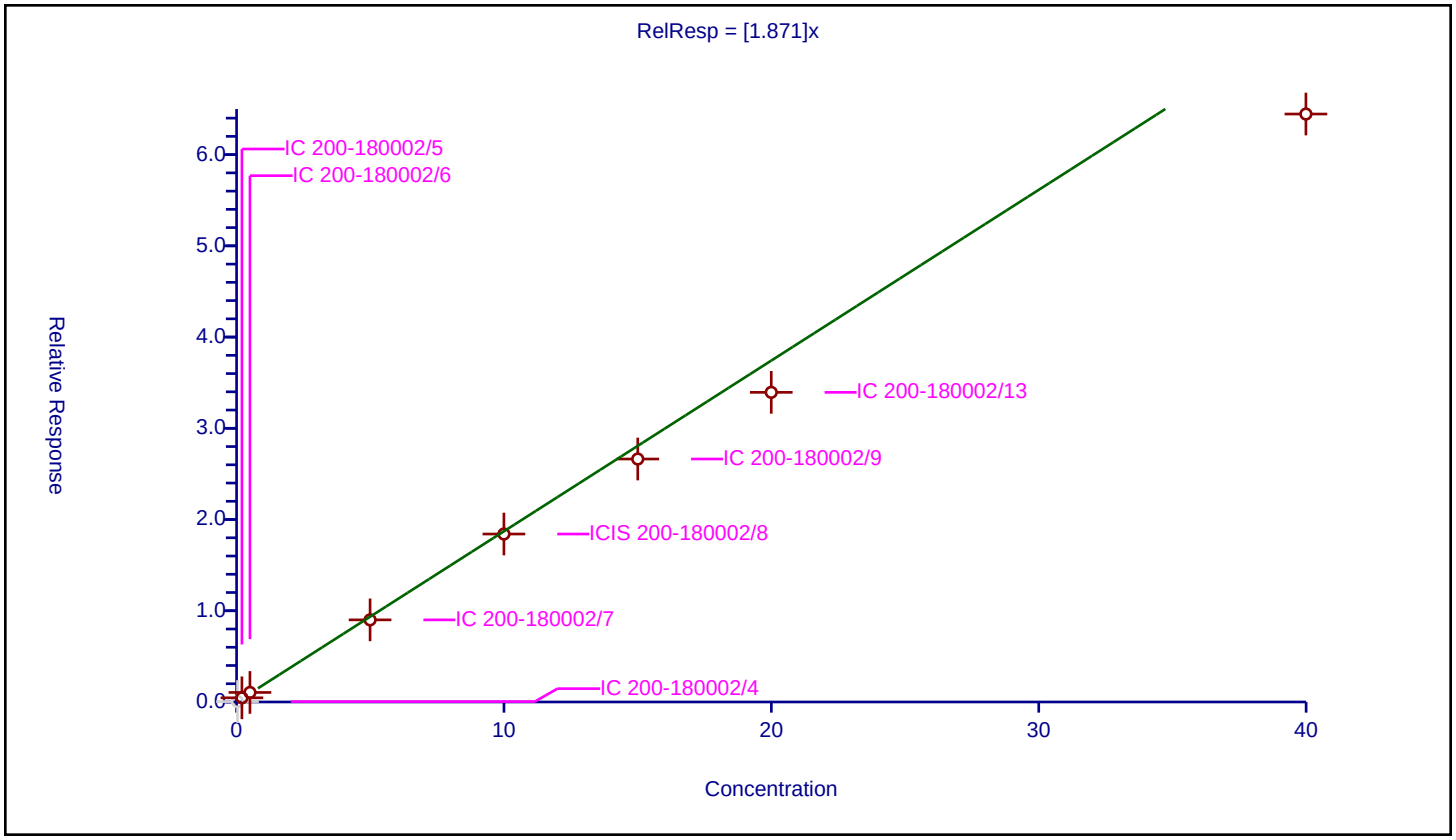
Curve Coefficients

Intercept:	0
Slope:	1.871

Error Coefficients

Standard Error:	456000
Relative Standard Error:	12.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.045281	20.0	270315.0	1.290891	N
2	IC 200-180002/5	0.20044	0.457514	20.0	269981.0	2.282551	Y
3	IC 200-180002/6	0.500453	1.045005	20.0	268305.0	2.088119	Y
4	IC 200-180002/7	4.992563	9.001387	20.0	279037.0	1.802959	Y
5	ICIS 200-180002/8	9.99806	18.412541	20.0	274930.0	1.841611	Y
6	IC 200-180002/9	15.003557	26.632954	20.0	273884.0	1.775109	Y
7	IC 200-180002/13	19.99612	33.941092	20.0	268725.0	1.697384	Y
8	IC 200-180002/14	39.99224	64.44929	20.0	282027.0	1.611545	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

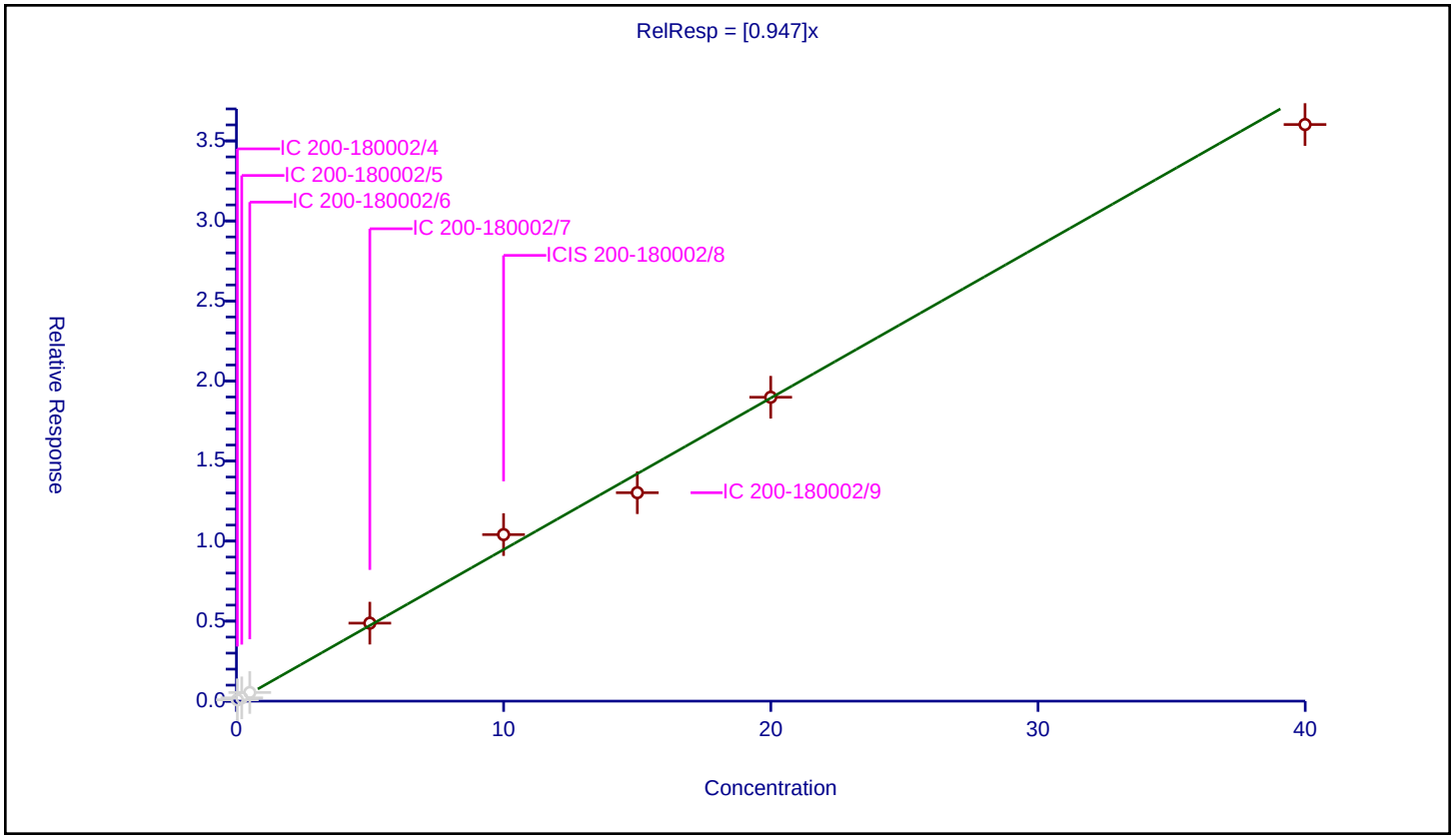
Curve Coefficients

Intercept:	0
Slope:	0.947

Error Coefficients

Standard Error:	308000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.083088	20.0	270315.0	2.368743	N
2	IC 200-180002/5	0.20044	0.205866	20.0	269981.0	1.027074	N
3	IC 200-180002/6	0.500453	0.541026	20.0	268305.0	1.081074	N
4	IC 200-180002/7	4.992563	4.872544	20.0	279037.0	0.97596	Y
5	ICIS 200-180002/8	9.99806	10.405922	20.0	274930.0	1.040794	Y
6	IC 200-180002/9	15.003557	13.023032	20.0	273884.0	0.867996	Y
7	IC 200-180002/13	19.99612	18.985878	20.0	268725.0	0.949478	Y
8	IC 200-180002/14	39.99224	36.023927	20.0	282027.0	0.900773	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

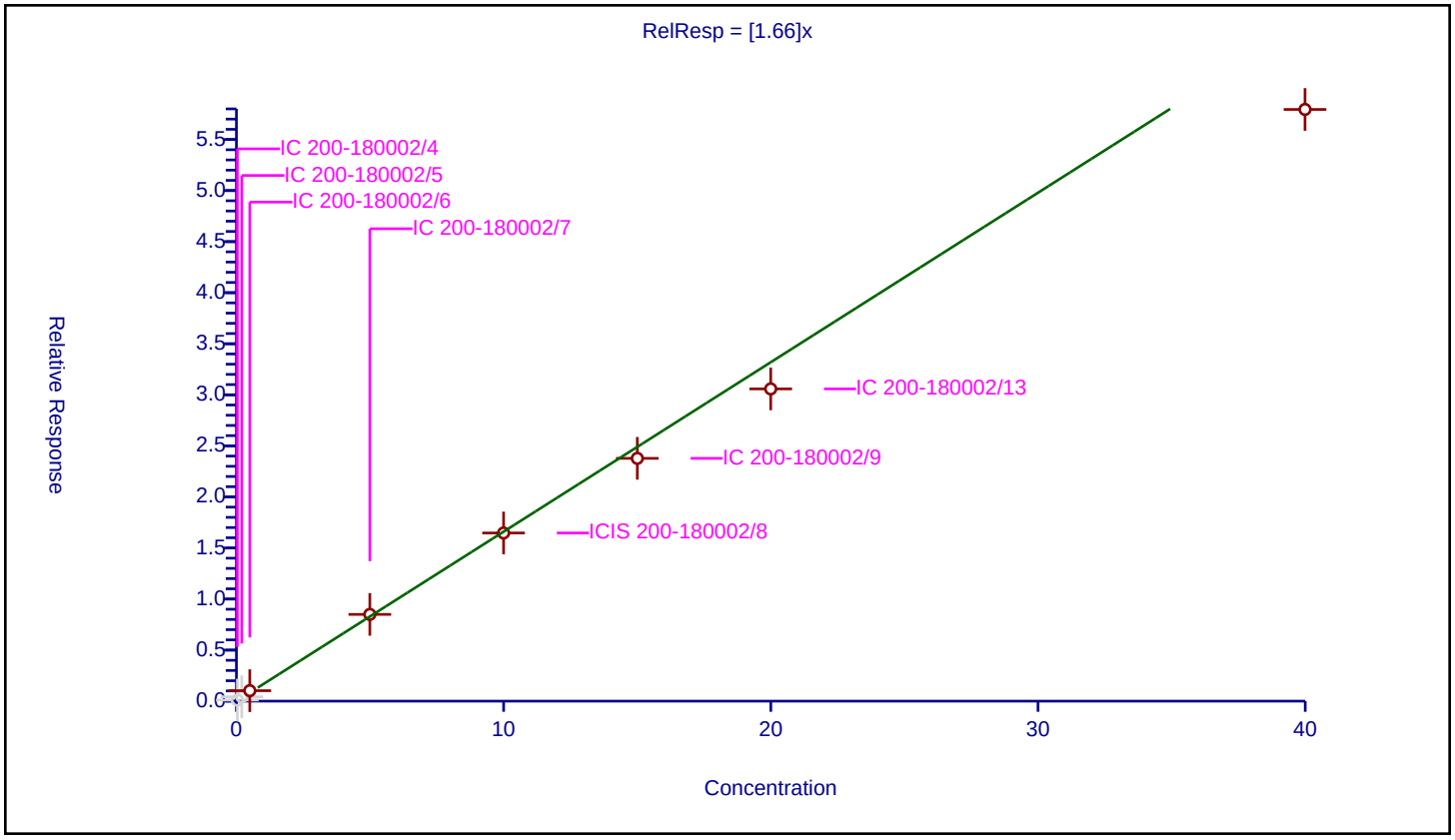
Curve Coefficients

Intercept:	0
Slope:	1.66

Error Coefficients

Standard Error:	449000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.101733	20.0	270315.0	2.900286	N
2	IC 200-180002/5	0.20044	0.426178	20.0	269981.0	2.126217	N
3	IC 200-180002/6	0.500453	1.024282	20.0	268305.0	2.046712	Y
4	IC 200-180002/7	4.992563	8.495146	20.0	279037.0	1.70156	Y
5	ICIS 200-180002/8	9.99806	16.467755	20.0	274930.0	1.647095	Y
6	IC 200-180002/9	15.003557	23.775394	20.0	273884.0	1.584651	Y
7	IC 200-180002/13	19.99612	30.57743	20.0	268725.0	1.529168	Y
8	IC 200-180002/14	39.99224	57.945587	20.0	282027.0	1.448921	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

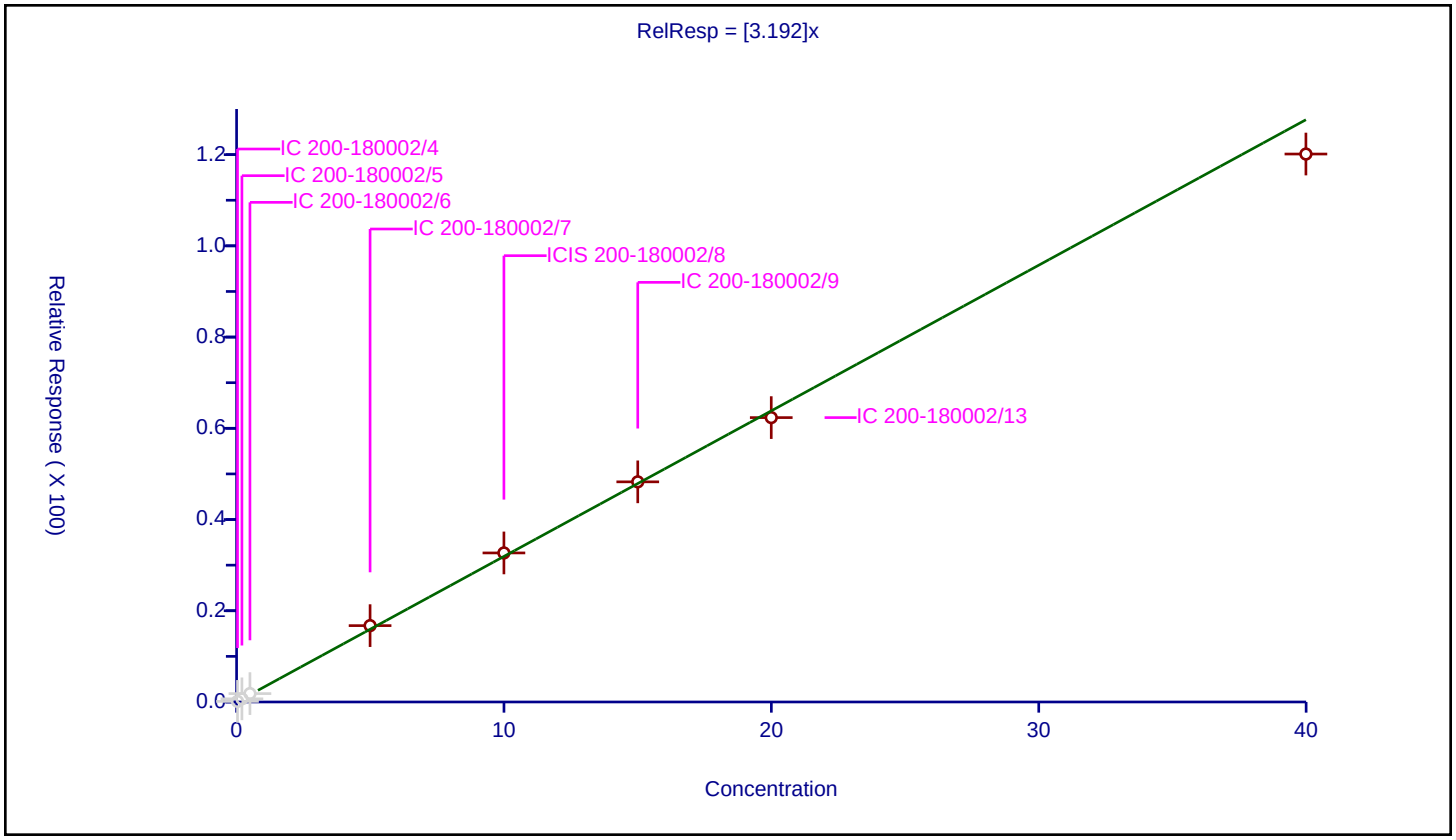
Curve Coefficients

Intercept:	0
Slope:	3.192

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.130366	20.0	270315.0	3.716585	N
2	IC 200-180002/5	0.20044	0.691308	20.0	269981.0	3.448958	N
3	IC 200-180002/6	0.500453	1.839101	20.0	268305.0	3.674876	N
4	IC 200-180002/7	4.992563	16.739142	20.0	279037.0	3.352815	Y
5	ICIS 200-180002/8	9.99806	32.675008	20.0	274930.0	3.268135	Y
6	IC 200-180002/9	15.003557	48.262184	20.0	273884.0	3.216716	Y
7	IC 200-180002/13	19.99612	62.349837	20.0	268725.0	3.118097	Y
8	IC 200-180002/14	39.99224	120.130697	20.0	282027.0	3.00385	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

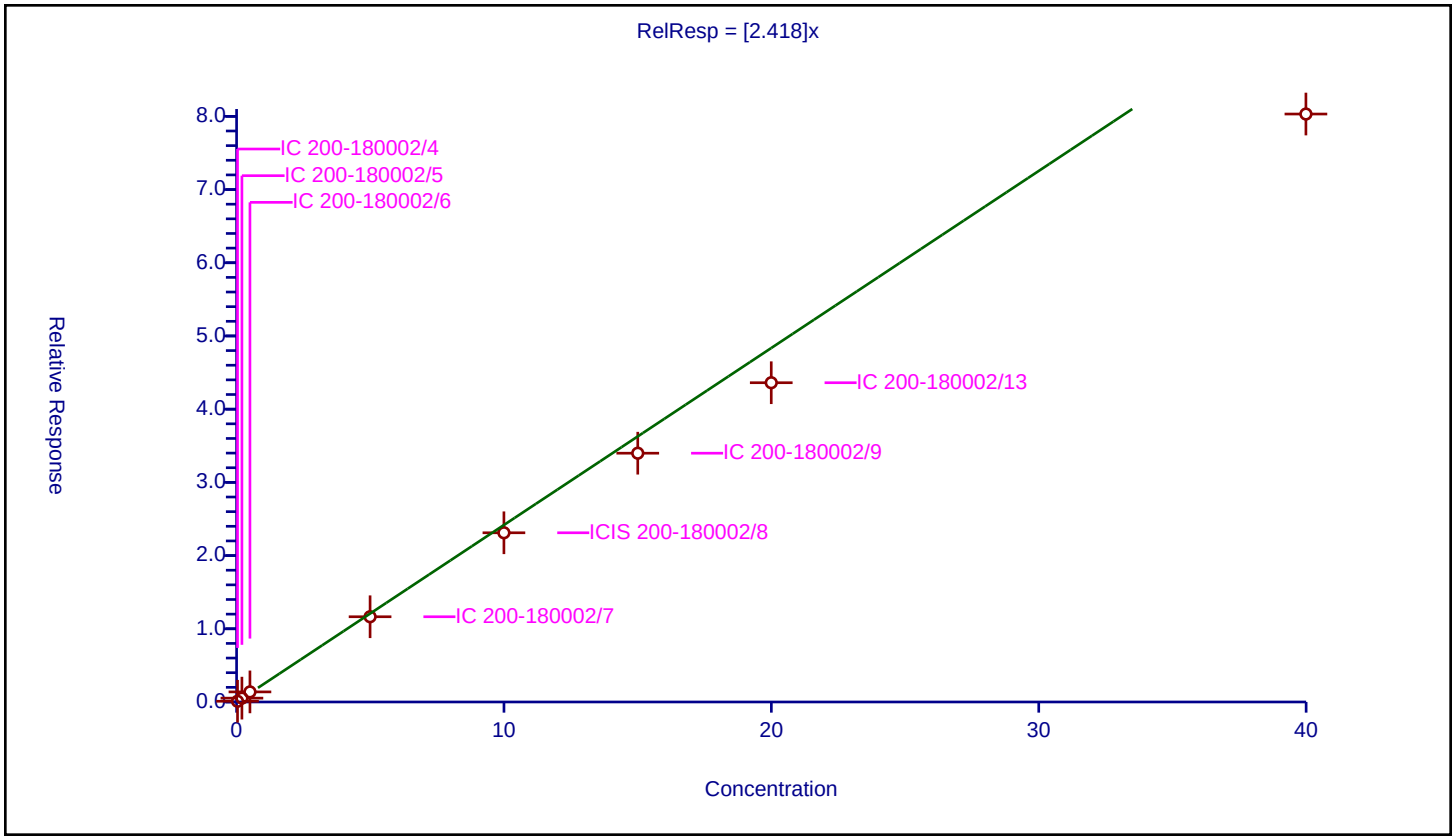
Curve Coefficients

Intercept:	0
Slope:	2.418

Error Coefficients

Standard Error:	531000
Relative Standard Error:	12.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.100253	20.0	270315.0	2.8581	Y
2	IC 200-180002/5	0.20044	0.527519	20.0	269981.0	2.631807	Y
3	IC 200-180002/6	0.500453	1.378804	20.0	268305.0	2.755114	Y
4	IC 200-180002/7	4.992563	11.644764	20.0	279037.0	2.332422	Y
5	ICIS 200-180002/8	9.99806	23.115484	20.0	274930.0	2.311997	Y
6	IC 200-180002/9	15.003557	33.982854	20.0	273884.0	2.264987	Y
7	IC 200-180002/13	19.99612	43.611052	20.0	268725.0	2.180976	Y
8	IC 200-180002/14	39.99224	80.316636	20.0	282027.0	2.008306	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

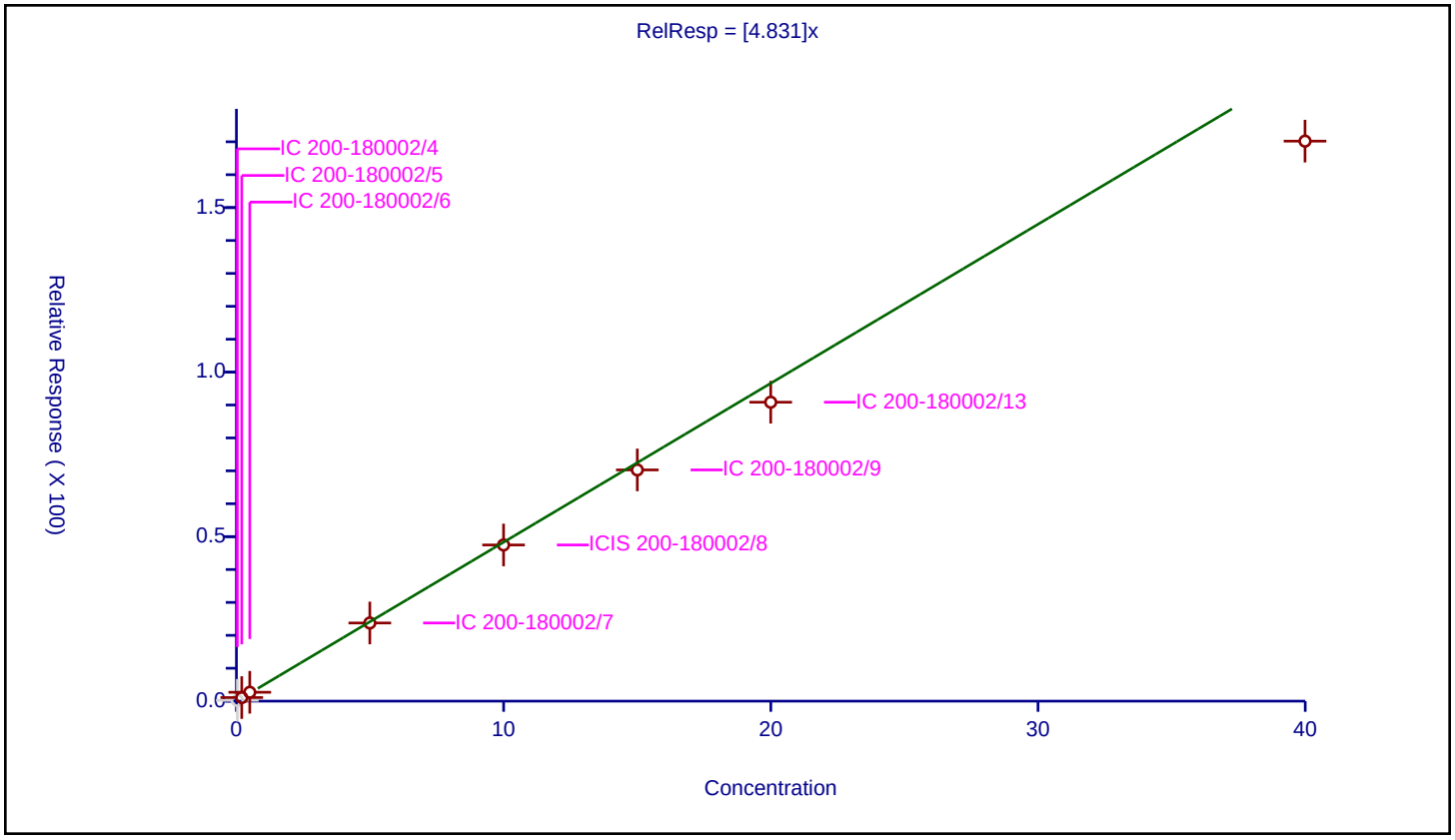
Curve Coefficients

Intercept:	0
Slope:	4.831

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.235799	20.0	270315.0	6.722336	N
2	IC 200-180002/5	0.20044	1.088966	20.0	269981.0	5.432884	Y
3	IC 200-180002/6	0.500453	2.700881	20.0	268305.0	5.396878	Y
4	IC 200-180002/7	4.992563	23.751187	20.0	279037.0	4.757314	Y
5	ICIS 200-180002/8	9.99806	47.46641	20.0	274930.0	4.747562	Y
6	IC 200-180002/9	15.003557	70.272524	20.0	273884.0	4.683724	Y
7	IC 200-180002/13	19.99612	90.850795	20.0	268725.0	4.543421	Y
8	IC 200-180002/14	39.99224	170.199945	20.0	282027.0	4.255824	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

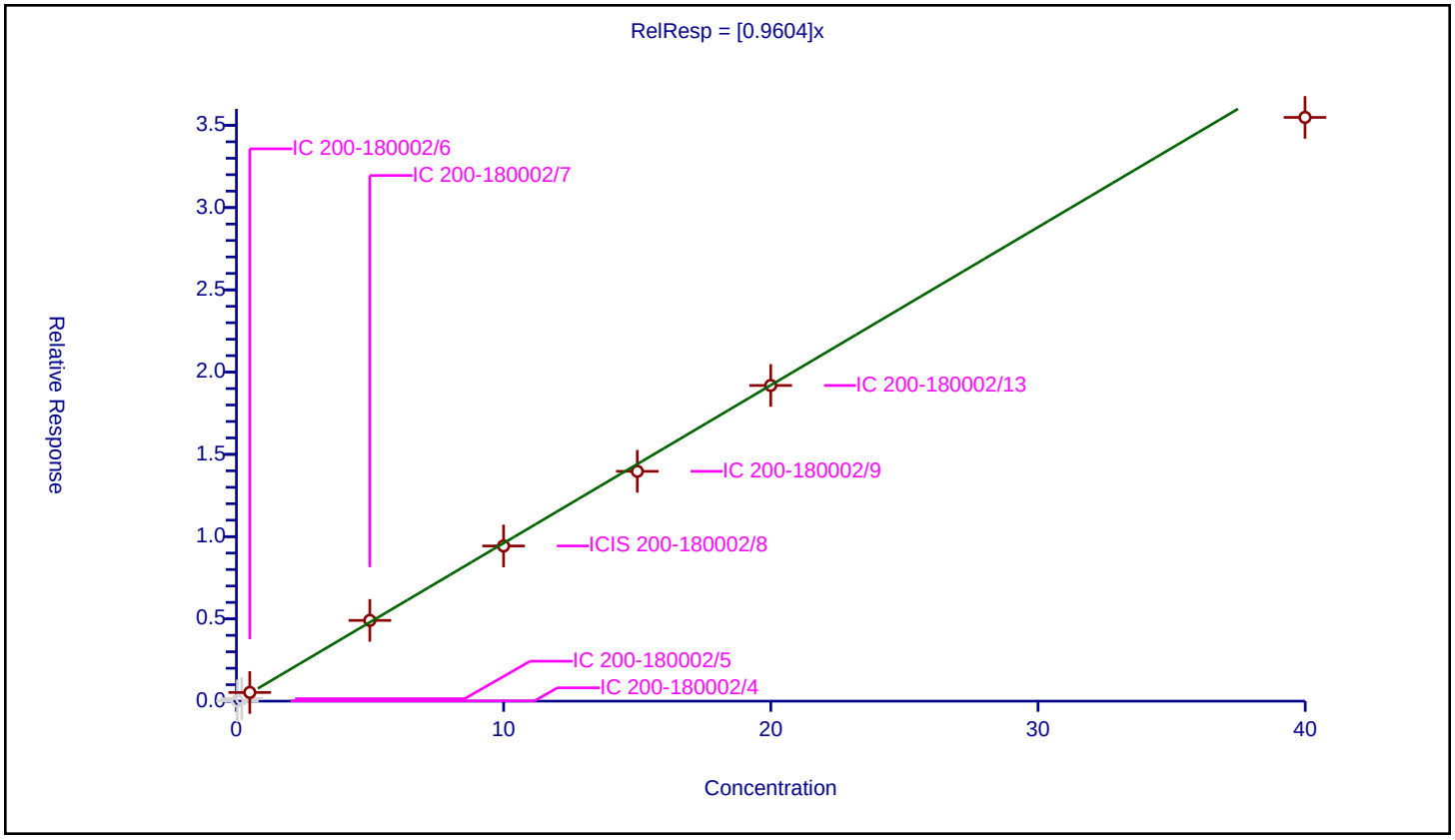
Curve Coefficients

Intercept:	0
Slope:	0.9604

Error Coefficients

Standard Error:	274000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.014872	20.0	270315.0	0.423969	N
2	IC 200-180002/5	0.20044	0.147492	20.0	269981.0	0.735842	N
3	IC 200-180002/6	0.500453	0.529323	20.0	268305.0	1.057689	Y
4	IC 200-180002/7	4.992563	4.908381	20.0	279037.0	0.983139	Y
5	ICIS 200-180002/8	9.99806	9.433165	20.0	274930.0	0.9435	Y
6	IC 200-180002/9	15.003557	13.969418	20.0	273884.0	0.931074	Y
7	IC 200-180002/13	19.99612	19.18839	20.0	268725.0	0.959606	Y
8	IC 200-180002/14	39.99224	35.481709	20.0	282027.0	0.887215	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

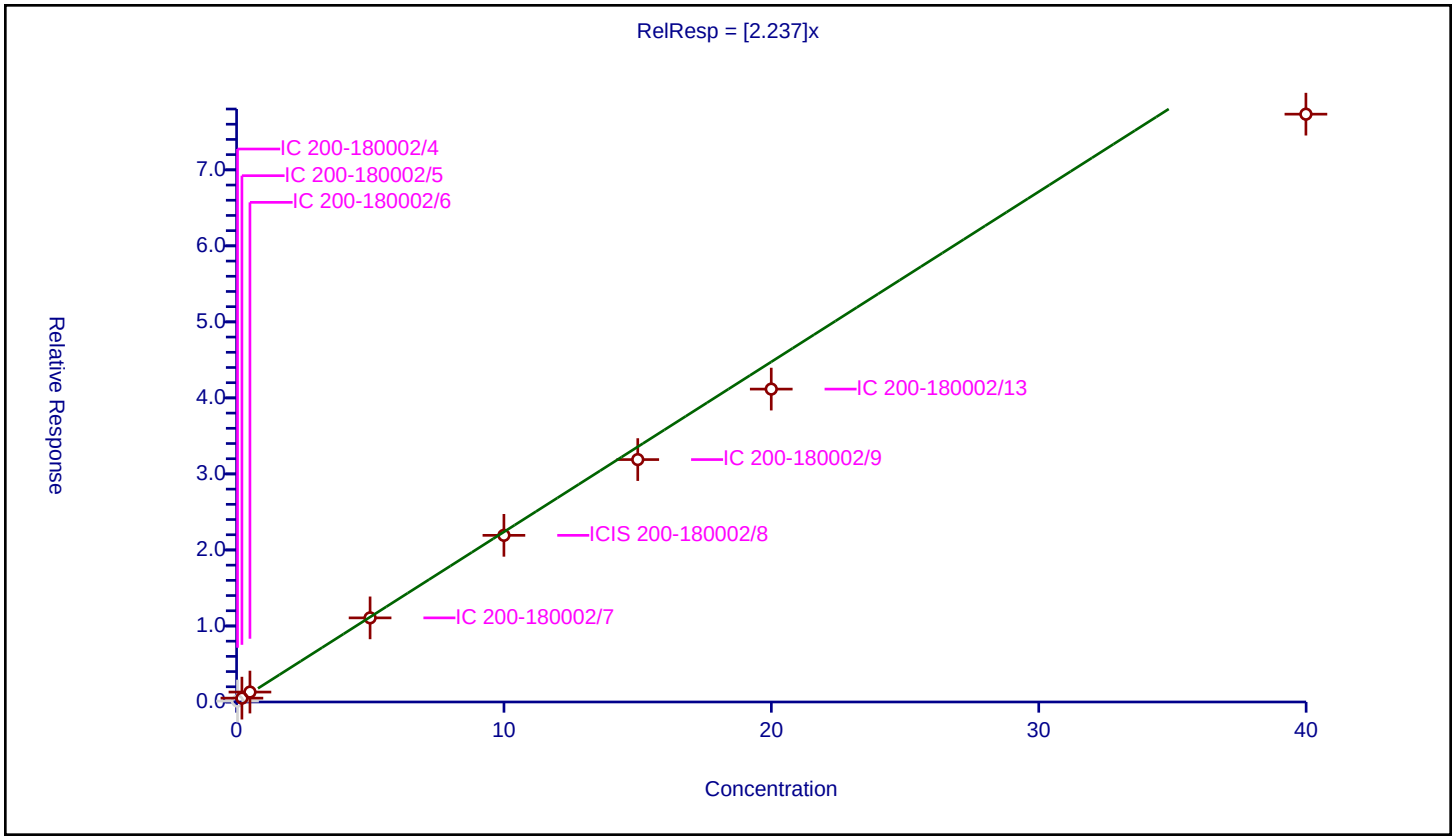
Curve Coefficients

Intercept:	0
Slope:	2.237

Error Coefficients

Standard Error:	548000
Relative Standard Error:	11.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.121414	20.0	270315.0	3.46136	N
2	IC 200-180002/5	0.20044	0.505813	20.0	269981.0	2.523519	Y
3	IC 200-180002/6	0.500453	1.307169	20.0	268305.0	2.611974	Y
4	IC 200-180002/7	4.992563	11.065988	20.0	279037.0	2.216494	Y
5	ICIS 200-180002/8	9.99806	21.923108	20.0	274930.0	2.192736	Y
6	IC 200-180002/9	15.003557	31.886492	20.0	273884.0	2.125262	Y
7	IC 200-180002/13	19.99612	41.157689	20.0	268725.0	2.058284	Y
8	IC 200-180002/14	39.99224	77.321817	20.0	282027.0	1.933421	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

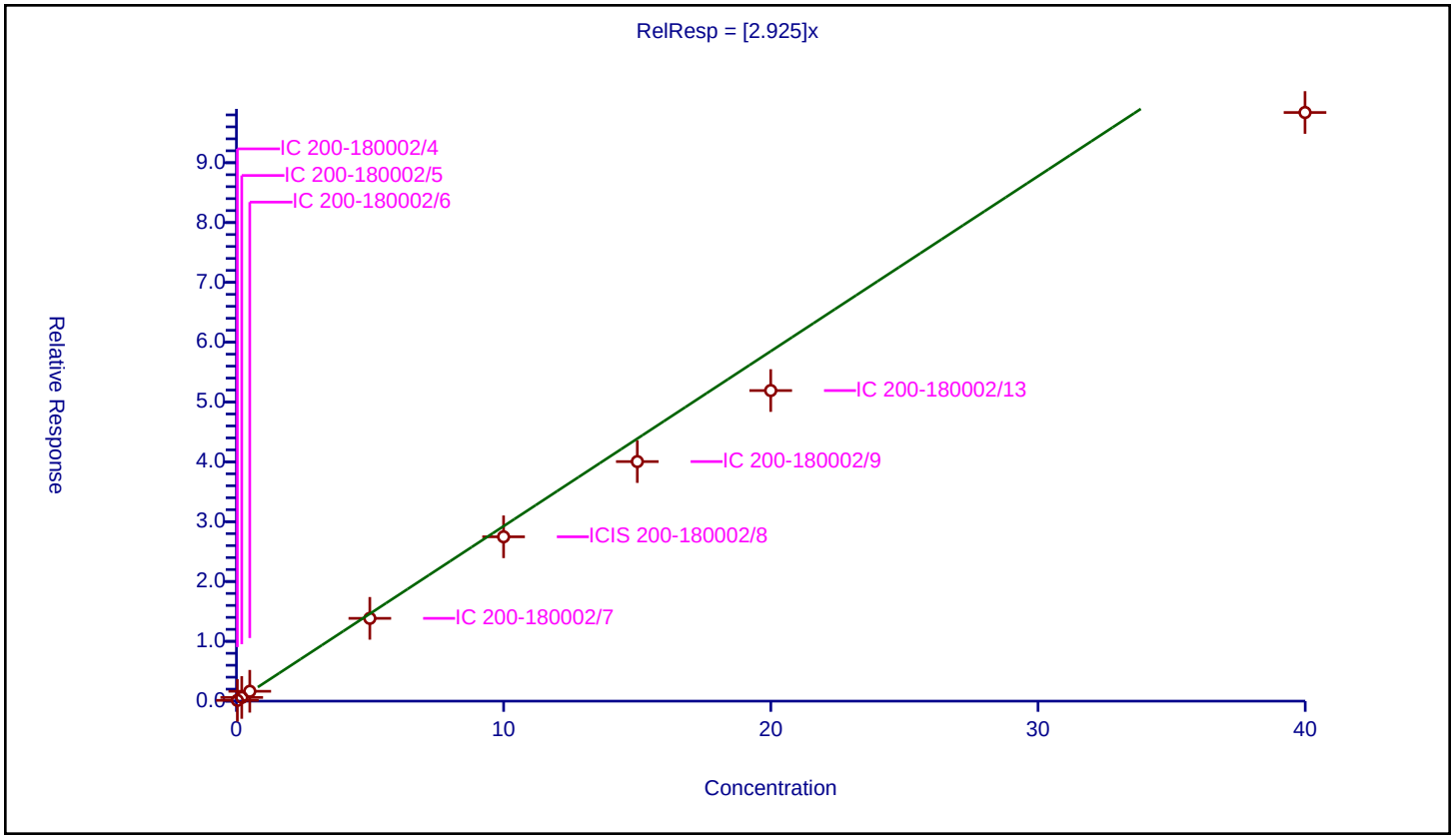
Curve Coefficients

Intercept:	0
Slope:	2.925

Error Coefficients

Standard Error:	643000
Relative Standard Error:	14.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.132512	20.0	270315.0	3.777754	Y
2	IC 200-180002/5	0.20044	0.616636	20.0	269981.0	3.076417	Y
3	IC 200-180002/6	0.500453	1.651479	20.0	268305.0	3.29997	Y
4	IC 200-180002/7	4.992563	13.837376	20.0	279037.0	2.771598	Y
5	ICIS 200-180002/8	9.99806	27.472957	20.0	274930.0	2.747829	Y
6	IC 200-180002/9	15.003557	40.04323	20.0	273884.0	2.668916	Y
7	IC 200-180002/13	19.99612	51.917164	20.0	268725.0	2.596362	Y
8	IC 200-180002/14	39.99224	98.39682	20.0	282027.0	2.460398	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

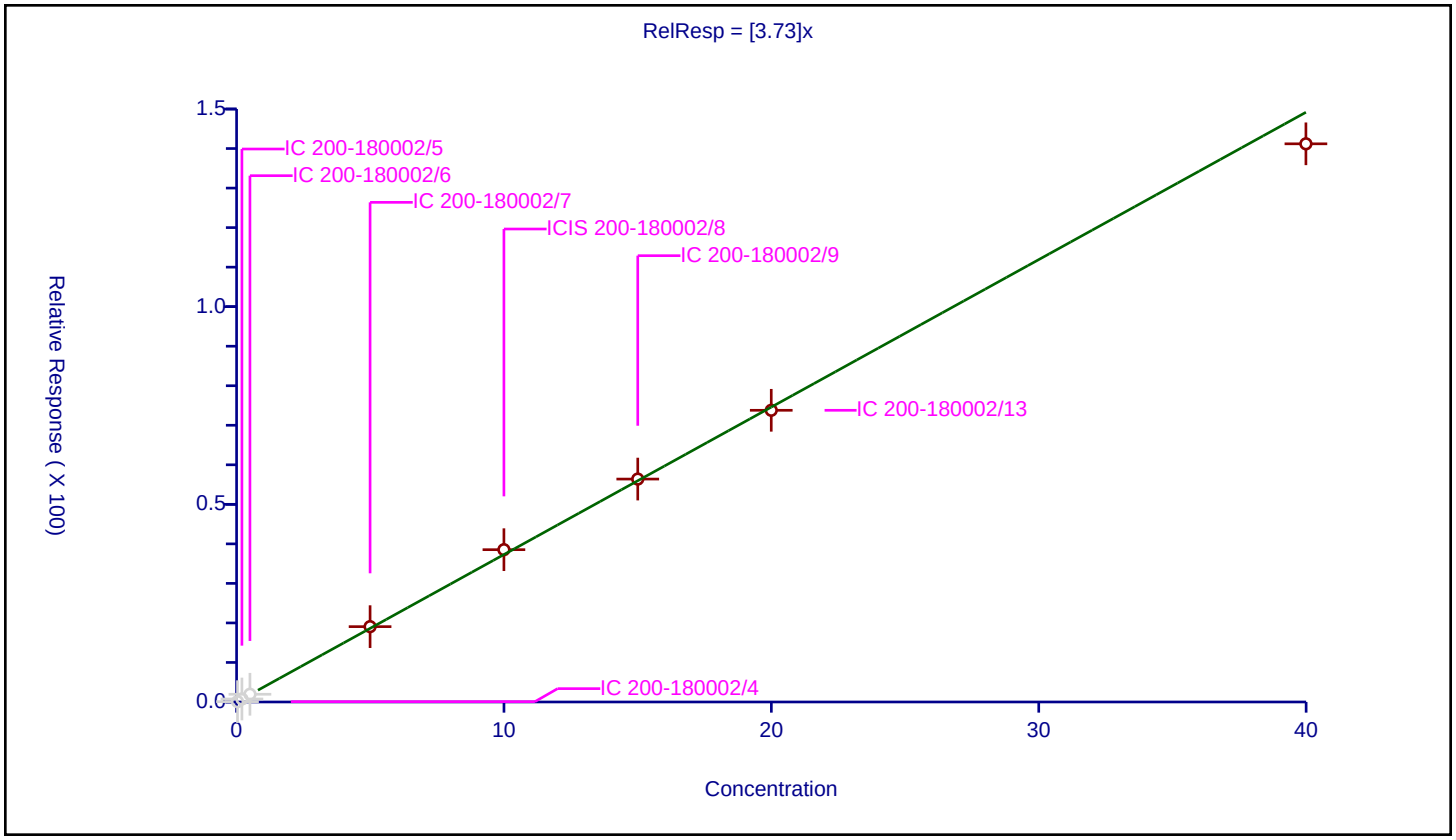
Curve Coefficients

Intercept:	0
Slope:	3.73

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.085752	20.0	270315.0	2.444677	N
2	IC 200-180002/5	0.20044	0.758572	20.0	269981.0	3.78454	N
3	IC 200-180002/6	0.500453	1.953821	20.0	268305.0	3.904109	N
4	IC 200-180002/7	4.992563	19.059336	20.0	279037.0	3.817546	Y
5	ICIS 200-180002/8	9.99806	38.526098	20.0	274930.0	3.853357	Y
6	IC 200-180002/9	15.003557	56.393364	20.0	273884.0	3.758666	Y
7	IC 200-180002/13	19.99612	73.789339	20.0	268725.0	3.690183	Y
8	IC 200-180002/14	39.99224	141.199956	20.0	282027.0	3.530684	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

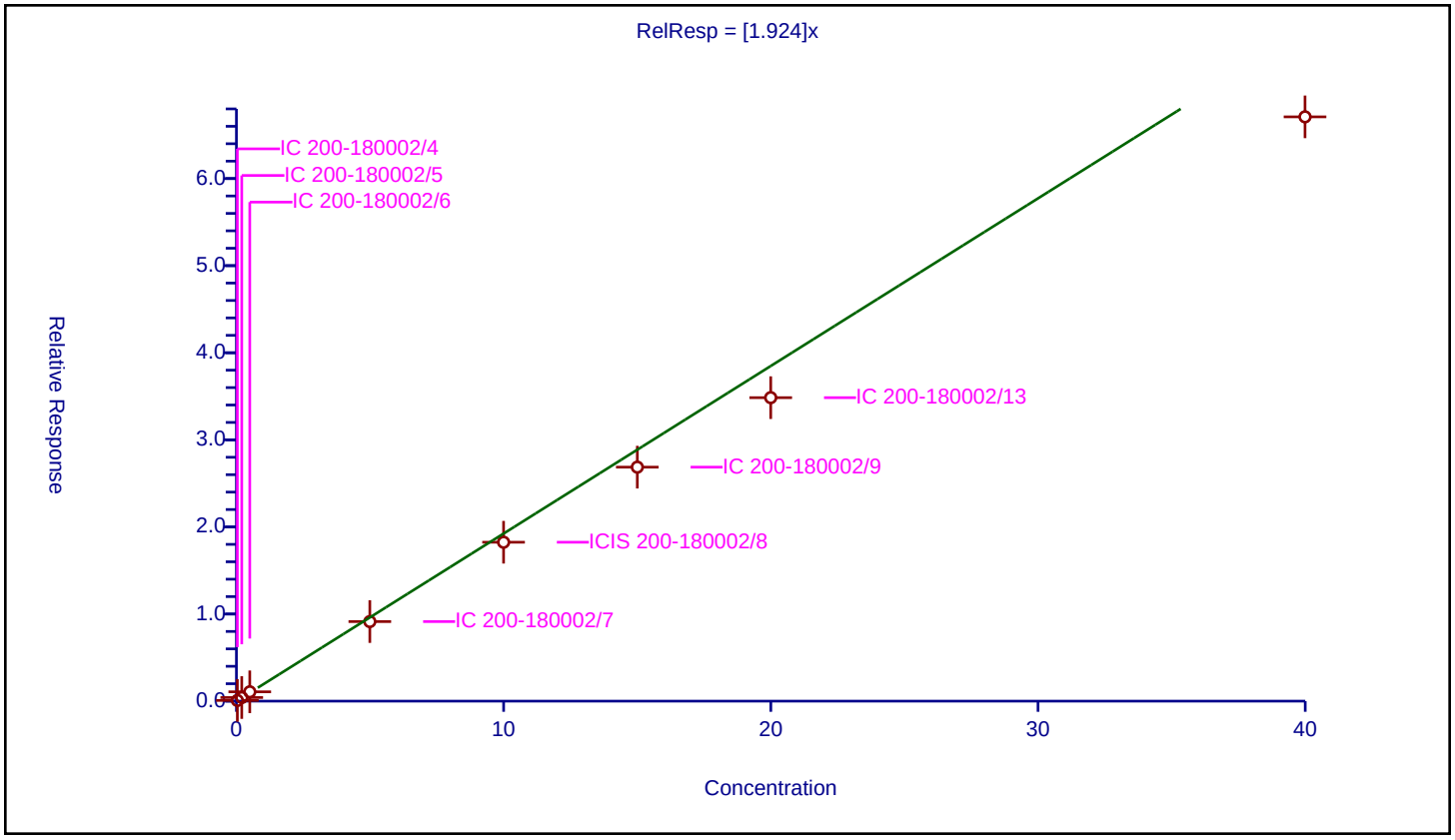
Curve Coefficients

Intercept:	0
Slope:	1.924

Error Coefficients

Standard Error:	436000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.081239	20.0	270315.0	2.31601	Y
2	IC 200-180002/5	0.20044	0.415066	20.0	269981.0	2.070779	Y
3	IC 200-180002/6	0.500453	1.071542	20.0	268305.0	2.141145	Y
4	IC 200-180002/7	4.992563	9.136136	20.0	279037.0	1.829949	Y
5	ICIS 200-180002/8	9.99806	18.246972	20.0	274930.0	1.825051	Y
6	IC 200-180002/9	15.003557	26.86663	20.0	273884.0	1.790684	Y
7	IC 200-180002/13	19.99612	34.845958	20.0	268725.0	1.742636	Y
8	IC 200-180002/14	39.99224	67.086697	20.0	282027.0	1.677493	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

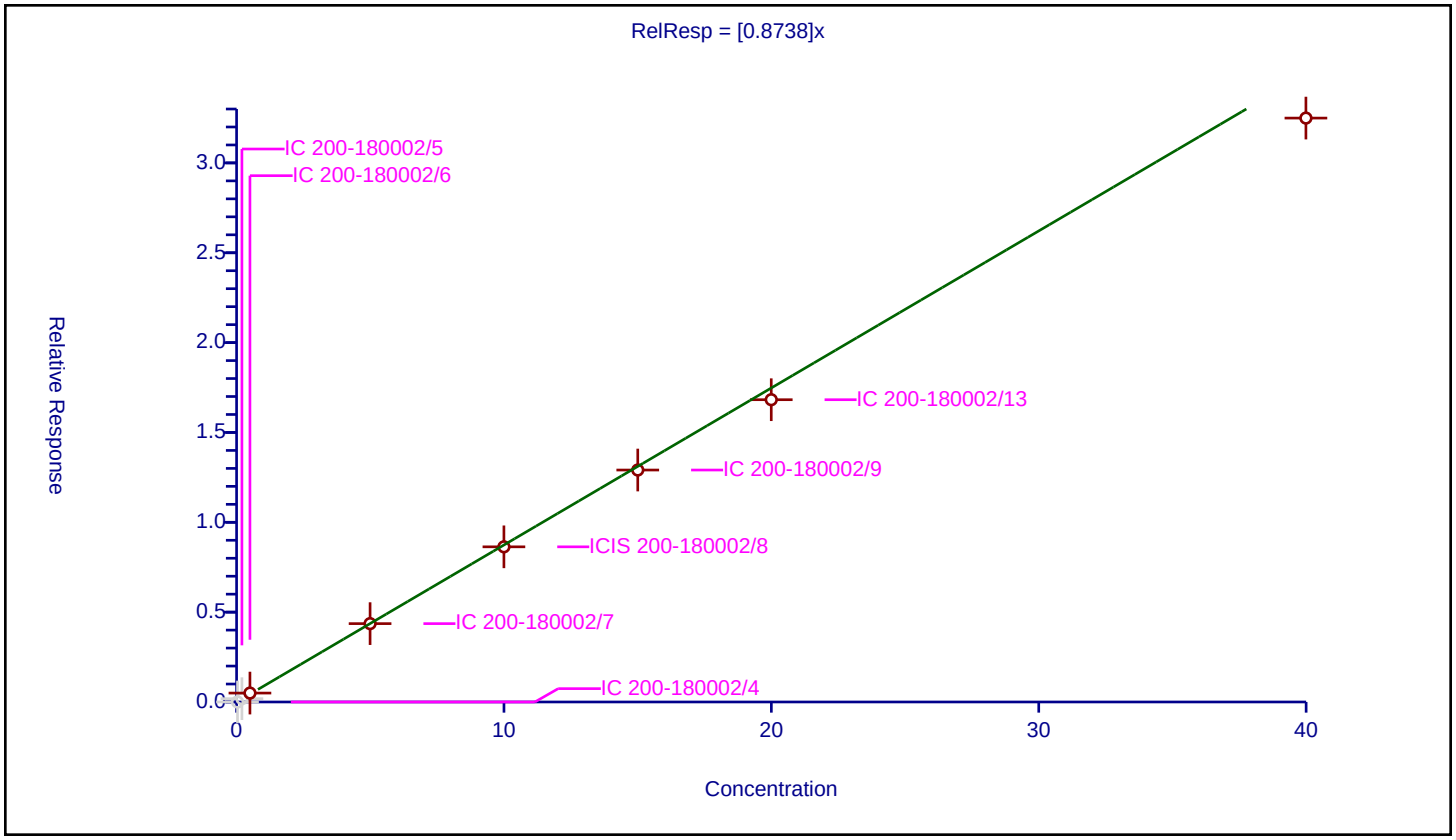
Curve Coefficients

Intercept:	0
Slope:	0.8738

Error Coefficients

Standard Error:	249000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	270315.0	0.0	N
2	IC 200-180002/5	0.20044	0.184087	20.0	269981.0	0.918416	N
3	IC 200-180002/6	0.500453	0.496375	20.0	268305.0	0.991853	Y
4	IC 200-180002/7	4.992563	4.360139	20.0	279037.0	0.873327	Y
5	ICIS 200-180002/8	9.99806	8.634416	20.0	274930.0	0.863609	Y
6	IC 200-180002/9	15.003557	12.909553	20.0	273884.0	0.860433	Y
7	IC 200-180002/13	19.99612	16.8227	20.0	268725.0	0.841298	Y
8	IC 200-180002/14	39.99224	32.496038	20.0	282027.0	0.812559	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

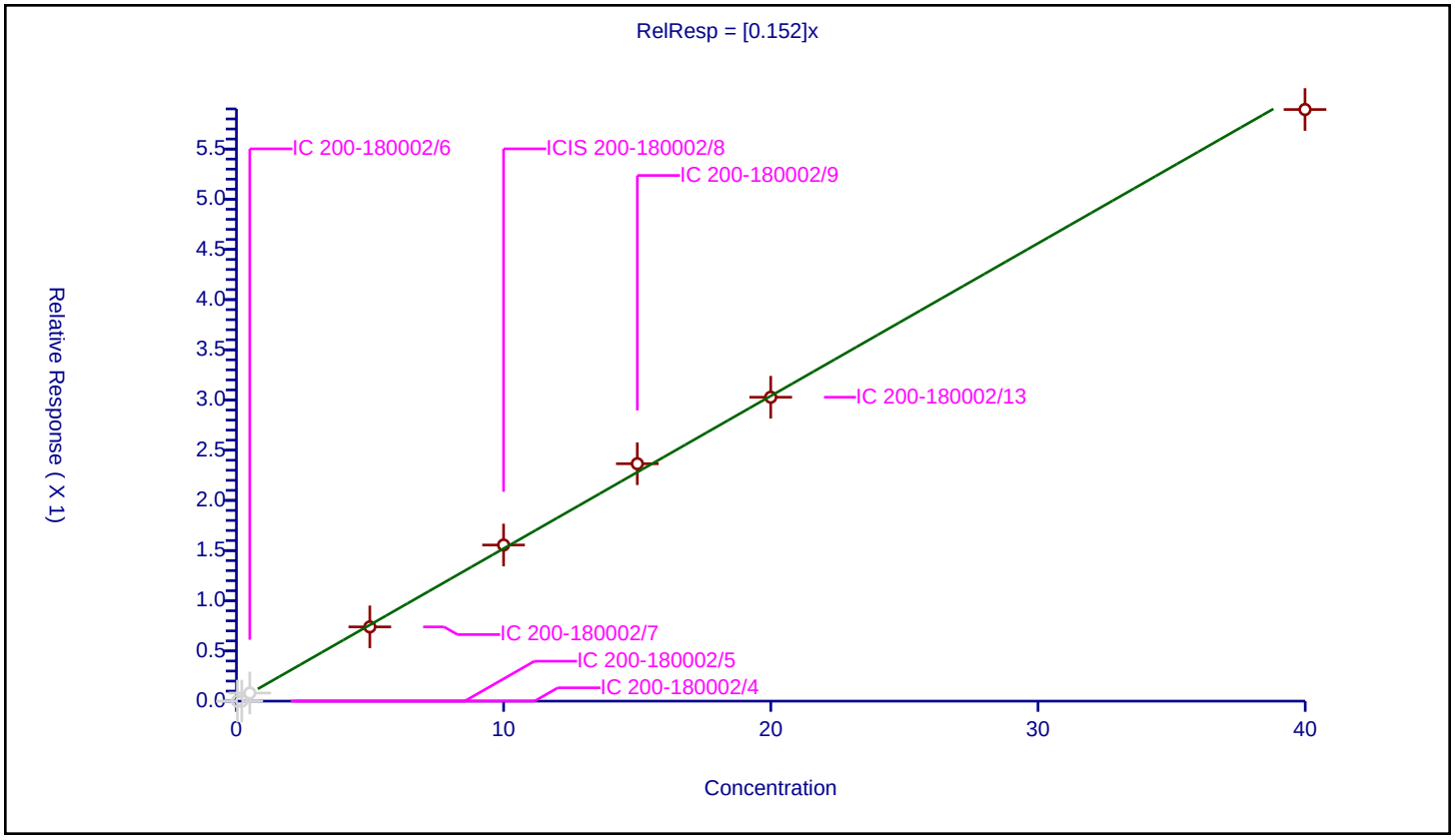
Curve Coefficients

Intercept:	0
Slope:	0.152

Error Coefficients

Standard Error:	50400
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	270315.0	0.0	N
2	IC 200-180002/5	0.20044	0.0	20.0	269981.0	0.0	N
3	IC 200-180002/6	0.500453	0.080878	20.0	268305.0	0.16161	N
4	IC 200-180002/7	4.992563	0.739544	20.0	279037.0	0.148129	Y
5	ICIS 200-180002/8	9.99806	1.555305	20.0	274930.0	0.155561	Y
6	IC 200-180002/9	15.003557	2.365308	20.0	273884.0	0.15765	Y
7	IC 200-180002/13	19.99612	3.02763	20.0	268725.0	0.151411	Y
8	IC 200-180002/14	39.99224	5.893762	20.0	282027.0	0.147373	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

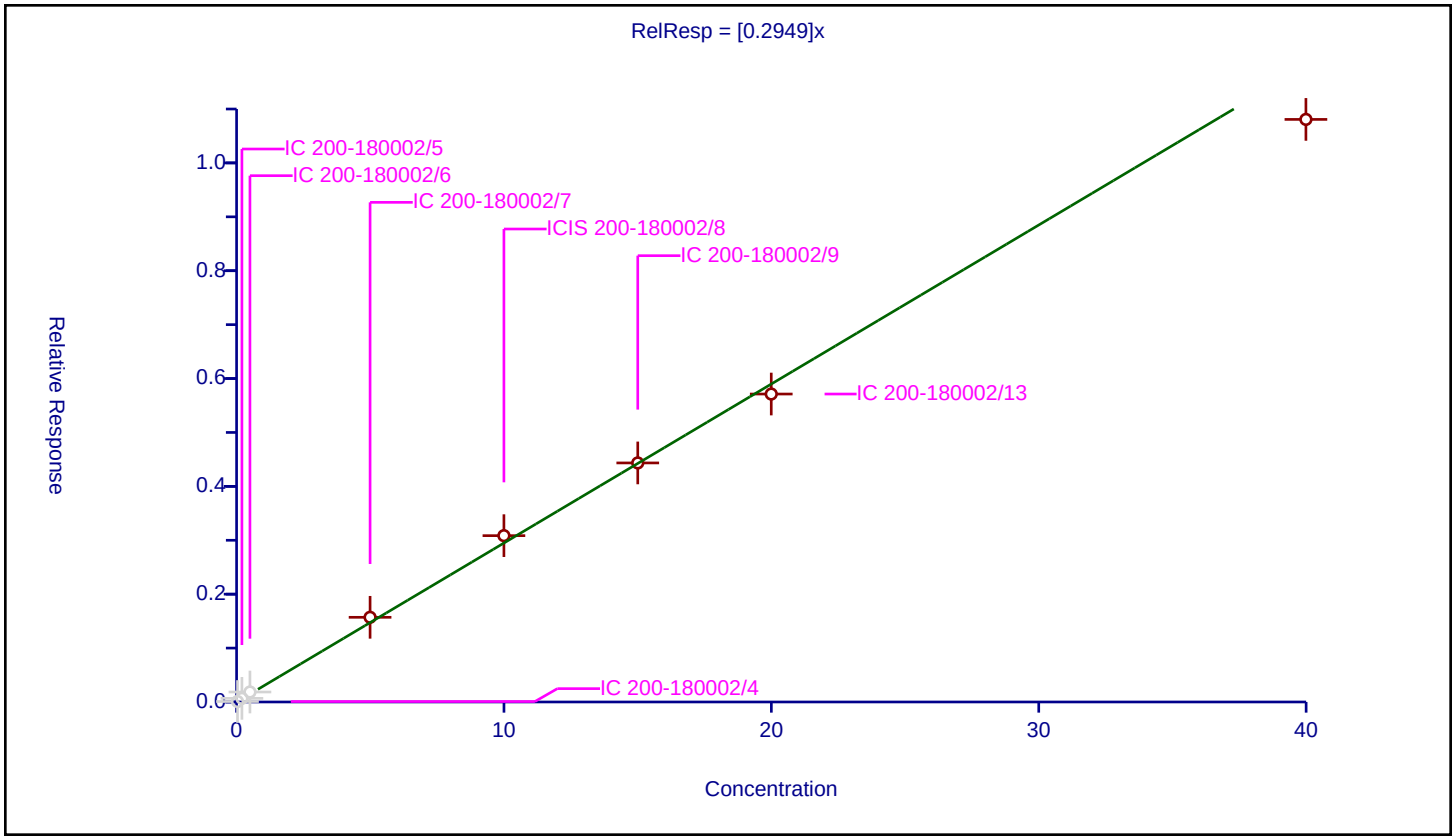
Curve Coefficients

Intercept:	0
Slope:	0.2949

Error Coefficients

Standard Error:	626000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.008677	20.0	1802550.0	0.247359	N
2	IC 200-180002/5	0.20044	0.067477	20.0	1801804.0	0.336644	N
3	IC 200-180002/6	0.500453	0.185437	20.0	1778498.0	0.370539	N
4	IC 200-180002/7	4.992563	1.570637	20.0	1835485.0	0.314595	Y
5	ICIS 200-180002/8	9.99806	3.085377	20.0	1821949.0	0.308598	Y
6	IC 200-180002/9	15.003557	4.434663	20.0	1834516.0	0.295574	Y
7	IC 200-180002/13	19.99612	5.712994	20.0	1809314.0	0.285705	Y
8	IC 200-180002/14	39.99224	10.807003	20.0	1884565.0	0.270228	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

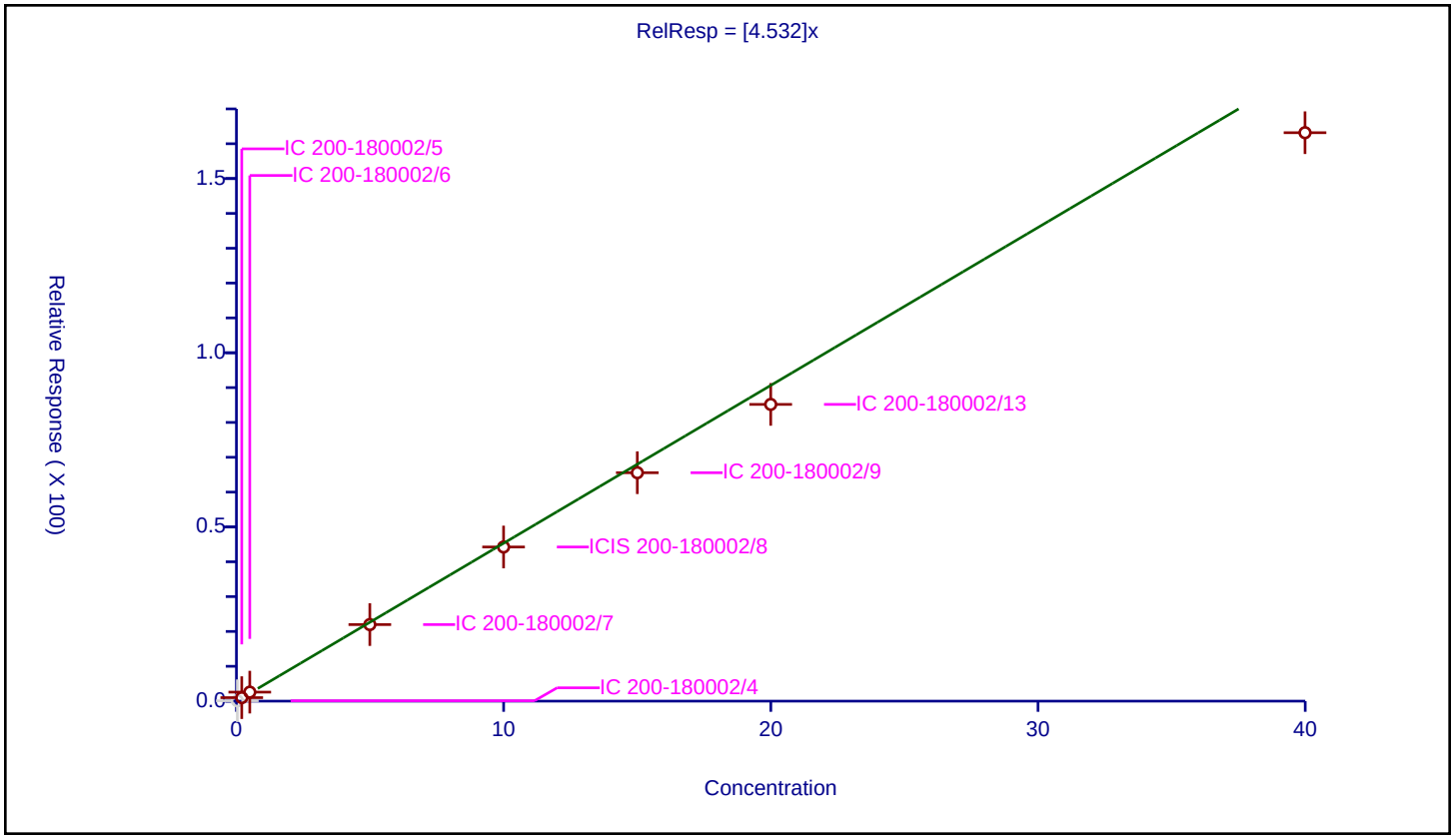
Curve Coefficients

Intercept:	0
Slope:	4.532

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.112979	20.0	270315.0	3.220899	N
2	IC 200-180002/5	0.20044	1.005404	20.0	269981.0	5.015994	Y
3	IC 200-180002/6	0.500453	2.589217	20.0	268305.0	5.173752	Y
4	IC 200-180002/7	4.992563	21.973215	20.0	279037.0	4.401189	Y
5	ICIS 200-180002/8	9.99806	44.245517	20.0	274930.0	4.42541	Y
6	IC 200-180002/9	15.003557	65.570241	20.0	273884.0	4.370313	Y
7	IC 200-180002/13	19.99612	85.17503	20.0	268725.0	4.259578	Y
8	IC 200-180002/14	39.99224	163.168633	20.0	282027.0	4.080007	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

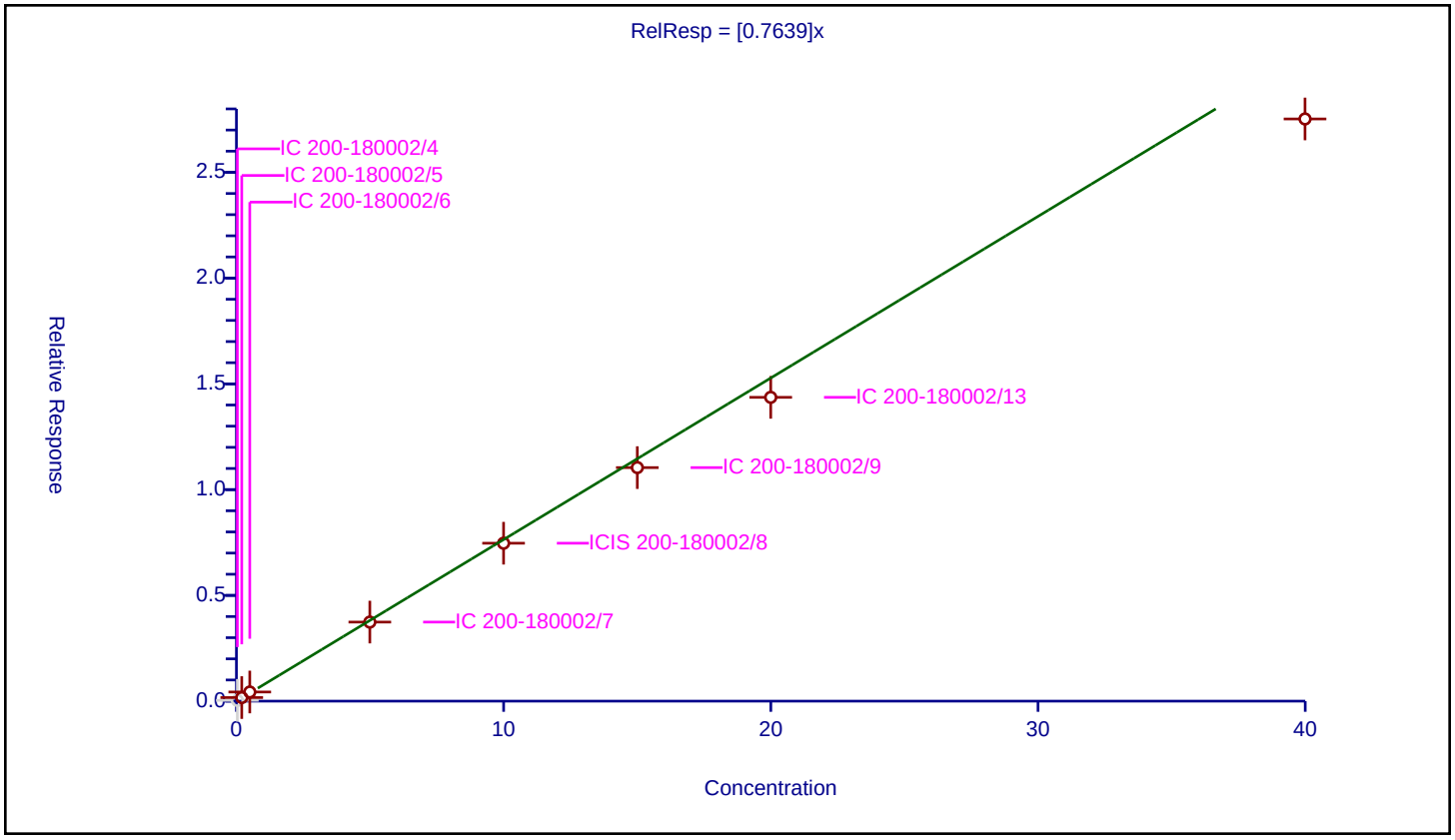
Curve Coefficients

Intercept:	0
Slope:	0.7639

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.037292	20.0	1802550.0	1.063138	N
2	IC 200-180002/5	0.20044	0.169574	20.0	1801804.0	0.846013	Y
3	IC 200-180002/6	0.500453	0.43232	20.0	1778498.0	0.863858	Y
4	IC 200-180002/7	4.992563	3.737377	20.0	1835485.0	0.748589	Y
5	ICIS 200-180002/8	9.99806	7.465785	20.0	1821949.0	0.746723	Y
6	IC 200-180002/9	15.003557	11.041692	20.0	1834516.0	0.735938	Y
7	IC 200-180002/13	19.99612	14.362383	20.0	1809314.0	0.718258	Y
8	IC 200-180002/14	39.99224	27.523996	20.0	1884565.0	0.688233	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

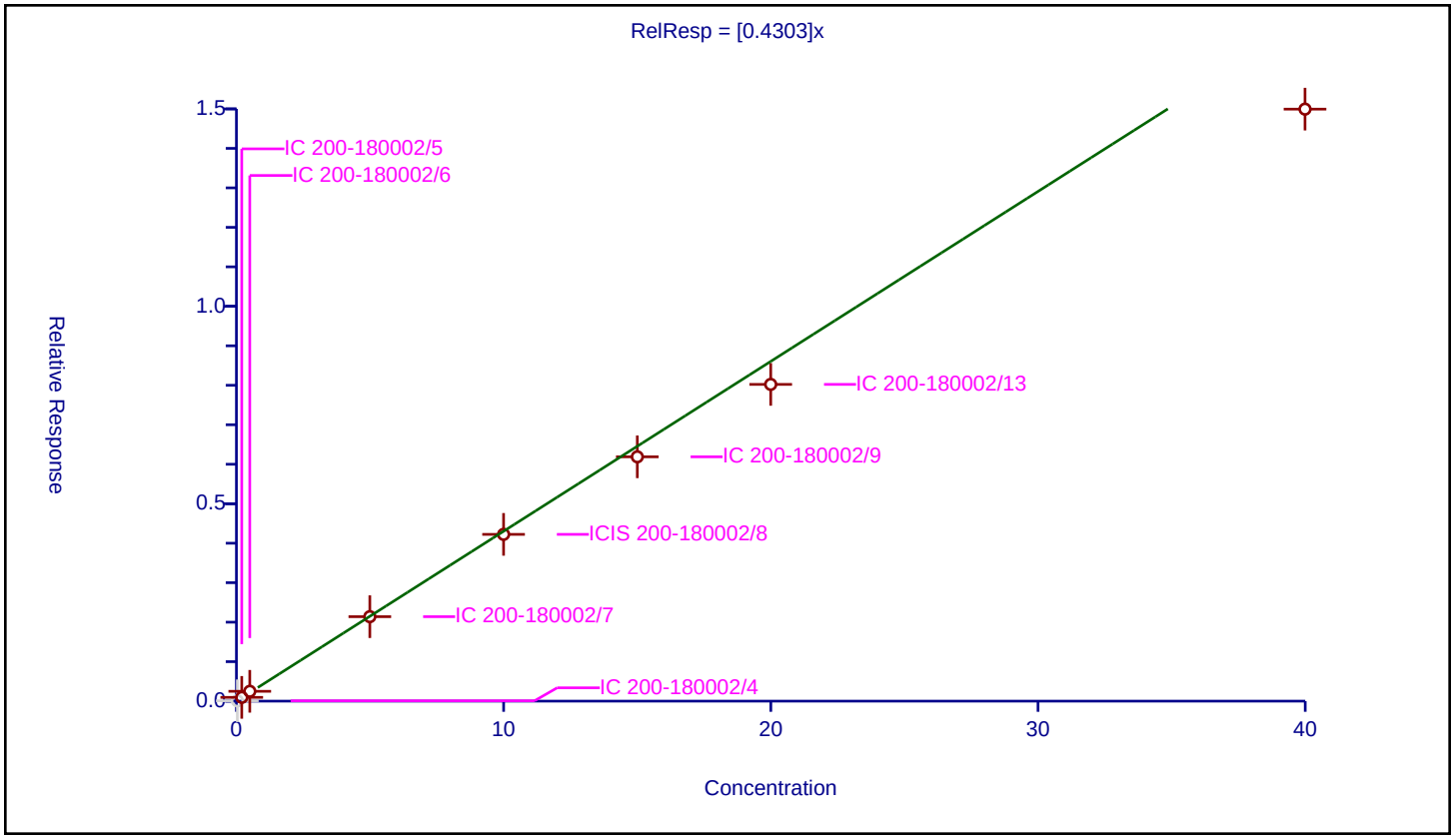
Curve Coefficients

Intercept:	0
Slope:	0.4303

Error Coefficients

Standard Error:	711000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.009231	20.0	1802550.0	0.263175	N
2	IC 200-180002/5	0.20044	0.095216	20.0	1801804.0	0.475034	Y
3	IC 200-180002/6	0.500453	0.249019	20.0	1778498.0	0.497588	Y
4	IC 200-180002/7	4.992563	2.139435	20.0	1835485.0	0.428524	Y
5	ICIS 200-180002/8	9.99806	4.223894	20.0	1821949.0	0.422471	Y
6	IC 200-180002/9	15.003557	6.188455	20.0	1834516.0	0.412466	Y
7	IC 200-180002/13	19.99612	8.022466	20.0	1809314.0	0.401201	Y
8	IC 200-180002/14	39.99224	14.993752	20.0	1884565.0	0.374917	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

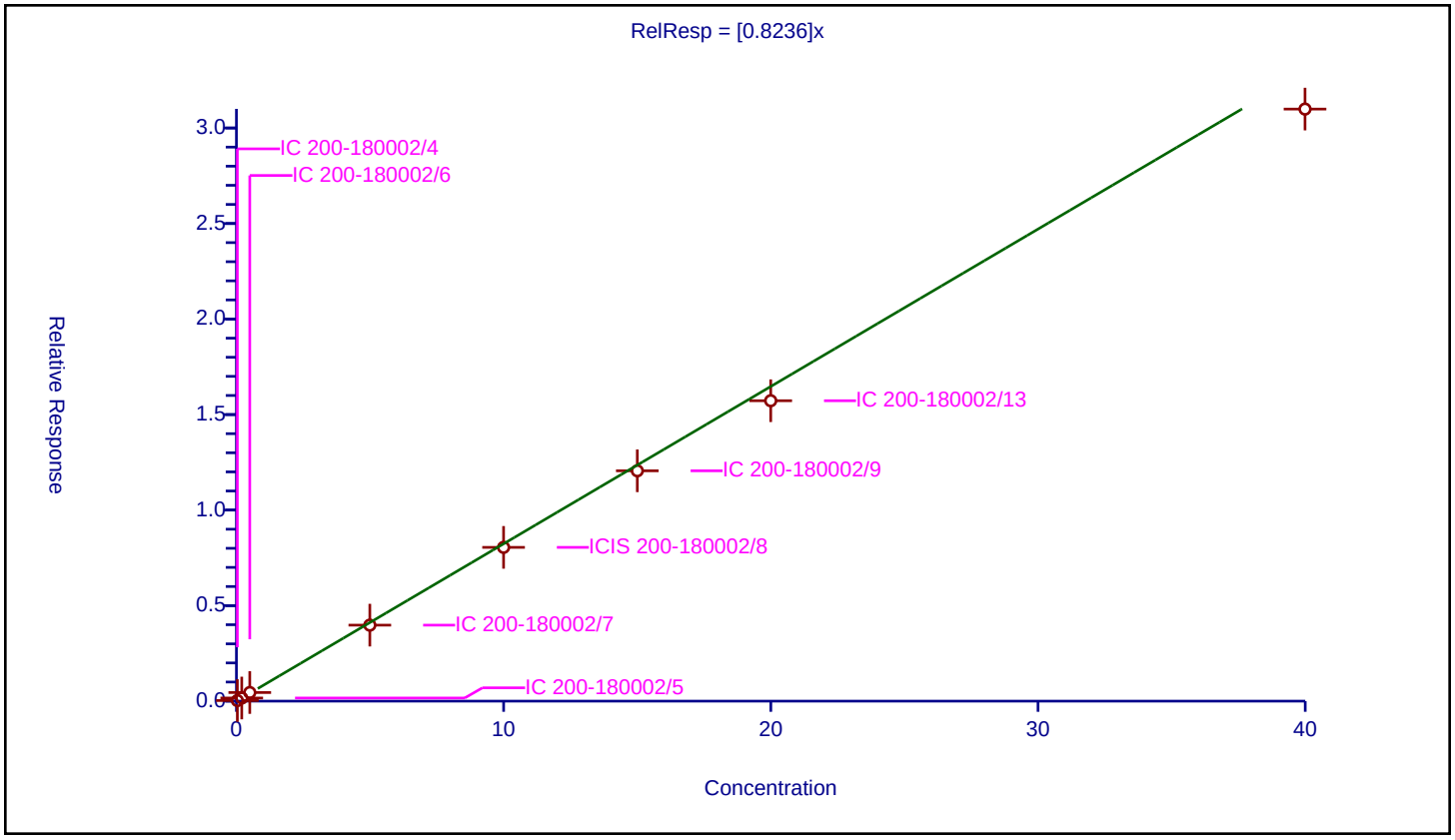
Curve Coefficients

Intercept:	0
Slope:	0.8236

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.031788	20.0	1802550.0	0.906245	Y
2	IC 200-180002/5	0.20044	0.163336	20.0	1801804.0	0.81489	Y
3	IC 200-180002/6	0.500453	0.450931	20.0	1778498.0	0.901047	Y
4	IC 200-180002/7	4.992563	3.978327	20.0	1835485.0	0.796851	Y
5	ICIS 200-180002/8	9.99806	8.048513	20.0	1821949.0	0.805007	Y
6	IC 200-180002/9	15.003557	12.056771	20.0	1834516.0	0.803594	Y
7	IC 200-180002/13	19.99612	15.724269	20.0	1809314.0	0.786366	Y
8	IC 200-180002/14	39.99224	30.98973	20.0	1884565.0	0.774894	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

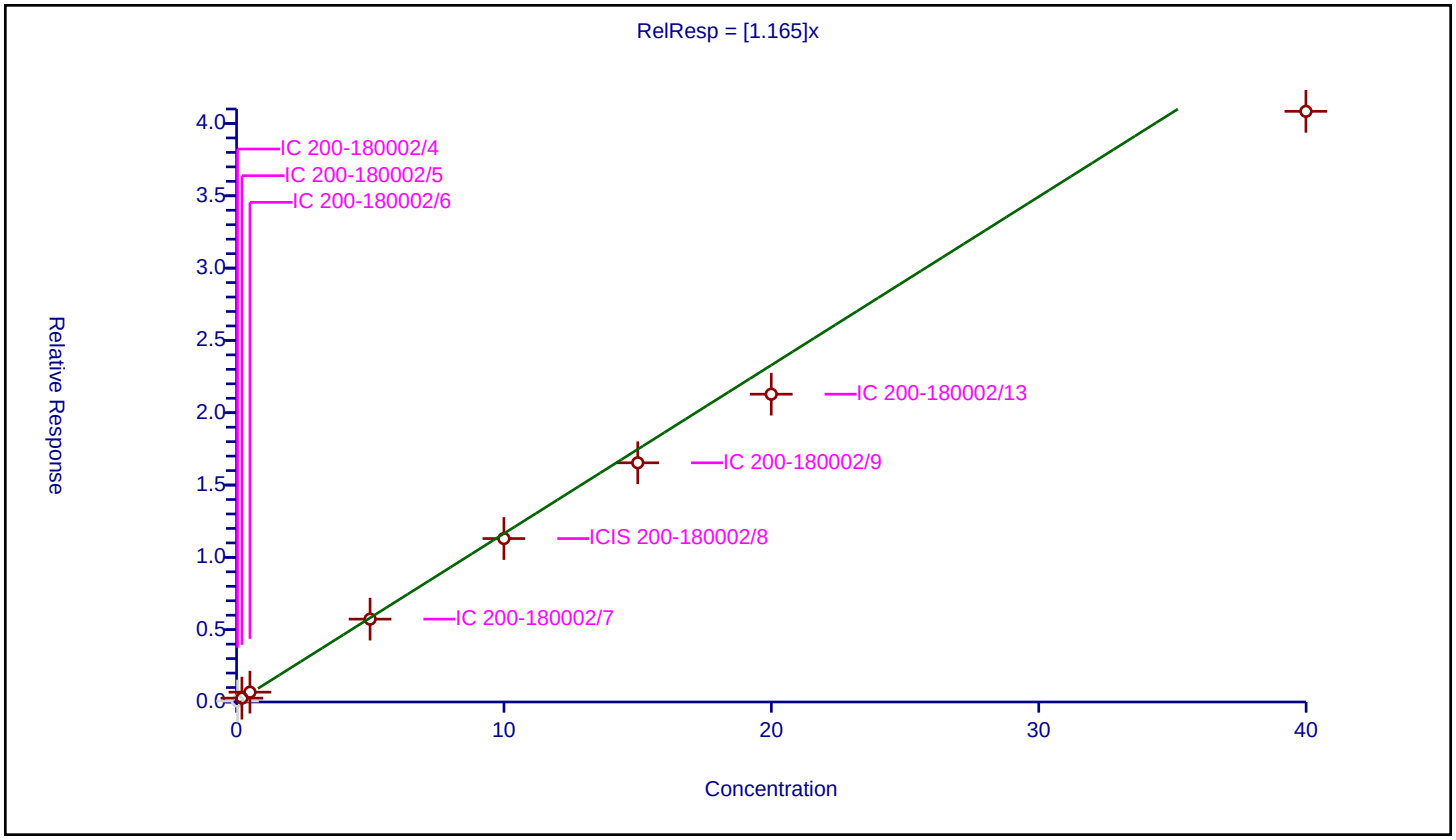
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Standard Error:	1920000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.062889	20.0	1802550.0	1.792878	N
2	IC 200-180002/5	0.20044	0.266266	20.0	1801804.0	1.328412	Y
3	IC 200-180002/6	0.500453	0.67954	20.0	1778498.0	1.35785	Y
4	IC 200-180002/7	4.992563	5.730191	20.0	1835485.0	1.147745	Y
5	ICIS 200-180002/8	9.99806	11.300075	20.0	1821949.0	1.130227	Y
6	IC 200-180002/9	15.003557	16.538607	20.0	1834516.0	1.102312	Y
7	IC 200-180002/13	19.99612	21.283105	20.0	1809314.0	1.064362	Y
8	IC 200-180002/14	39.99224	40.840449	20.0	1884565.0	1.021209	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

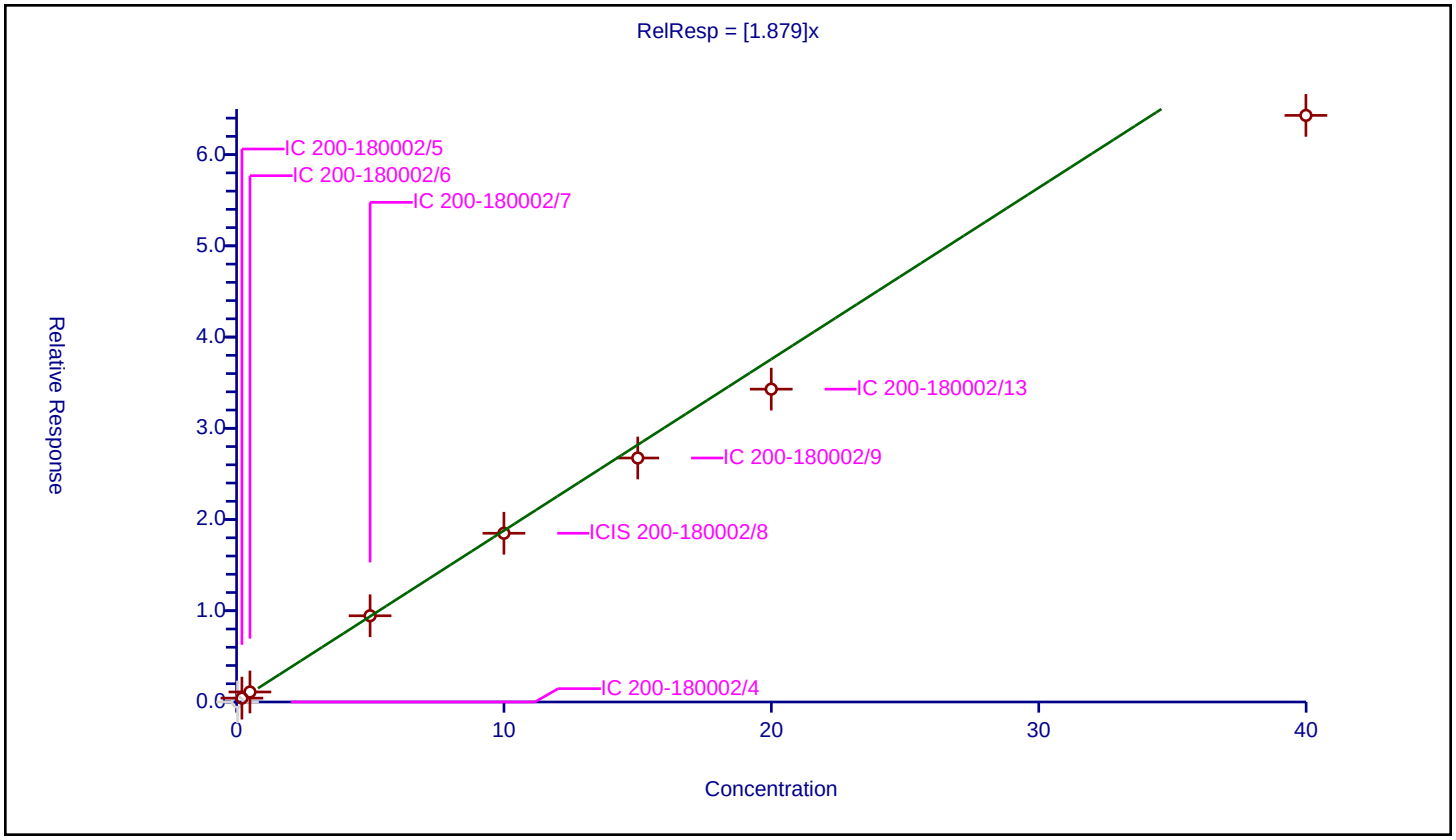
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Standard Error:	3050000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	1802550.0	0.0	N
2	IC 200-180002/5	0.20044	0.423209	20.0	1801804.0	2.111404	Y
3	IC 200-180002/6	0.500453	1.097747	20.0	1778498.0	2.193508	Y
4	IC 200-180002/7	4.992563	9.452673	20.0	1835485.0	1.893351	Y
5	ICIS 200-180002/8	9.99806	18.495666	20.0	1821949.0	1.849925	Y
6	IC 200-180002/9	15.003557	26.746521	20.0	1834516.0	1.782679	Y
7	IC 200-180002/13	19.99612	34.292422	20.0	1809314.0	1.714954	Y
8	IC 200-180002/14	39.99224	64.300451	20.0	1884565.0	1.607823	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

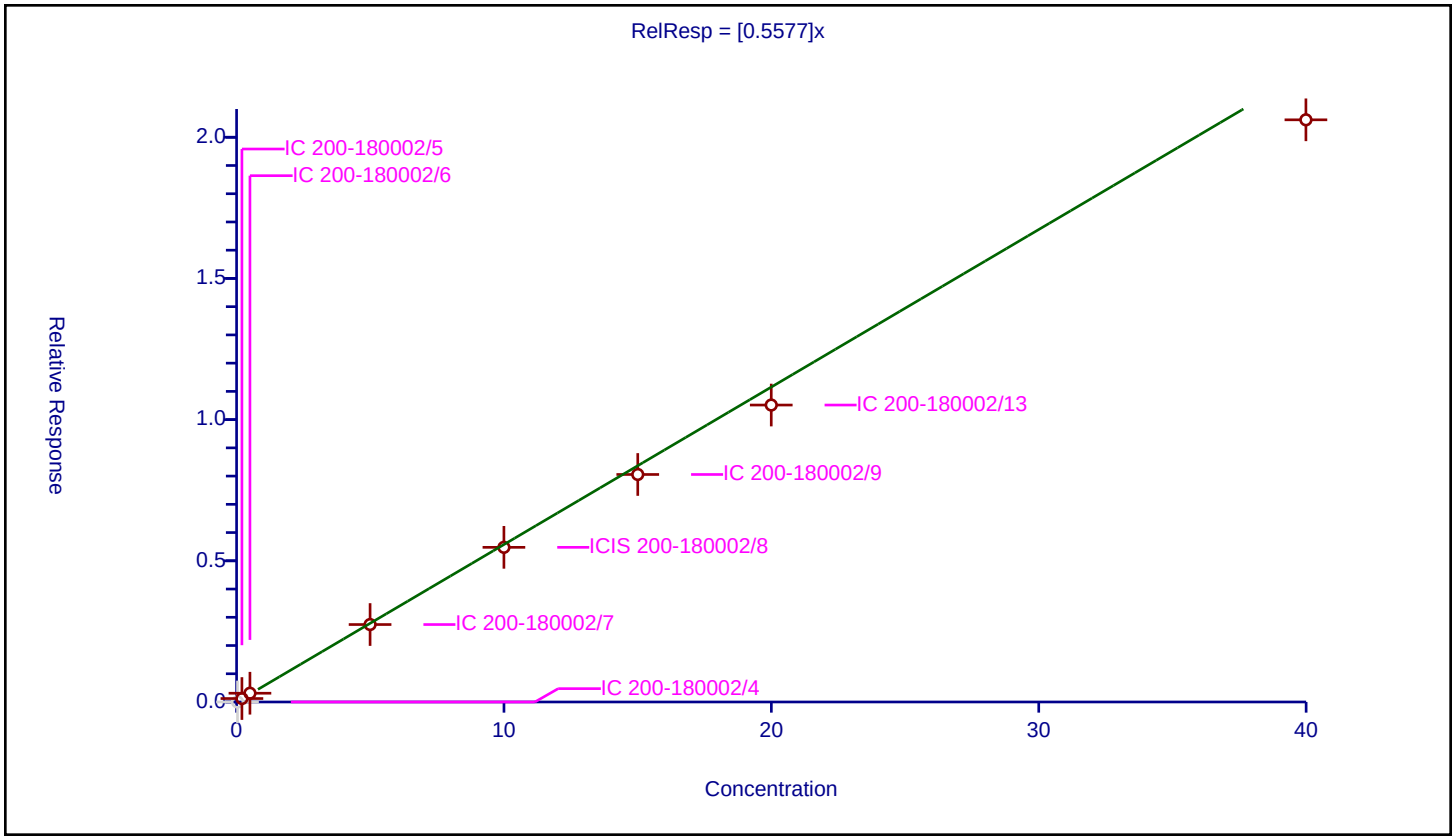
Curve Coefficients

Intercept:	0
Slope:	0.5577

Error Coefficients

Standard Error:	961000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	1802550.0	0.0	N
2	IC 200-180002/5	0.20044	0.122122	20.0	1801804.0	0.609271	Y
3	IC 200-180002/6	0.500453	0.309846	20.0	1778498.0	0.619131	Y
4	IC 200-180002/7	4.992563	2.74285	20.0	1835485.0	0.549387	Y
5	ICIS 200-180002/8	9.99806	5.476597	20.0	1821949.0	0.547766	Y
6	IC 200-180002/9	15.003557	8.057515	20.0	1834516.0	0.53704	Y
7	IC 200-180002/13	19.99612	10.516384	20.0	1809314.0	0.525921	Y
8	IC 200-180002/14	39.99224	20.617968	20.0	1884565.0	0.515549	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

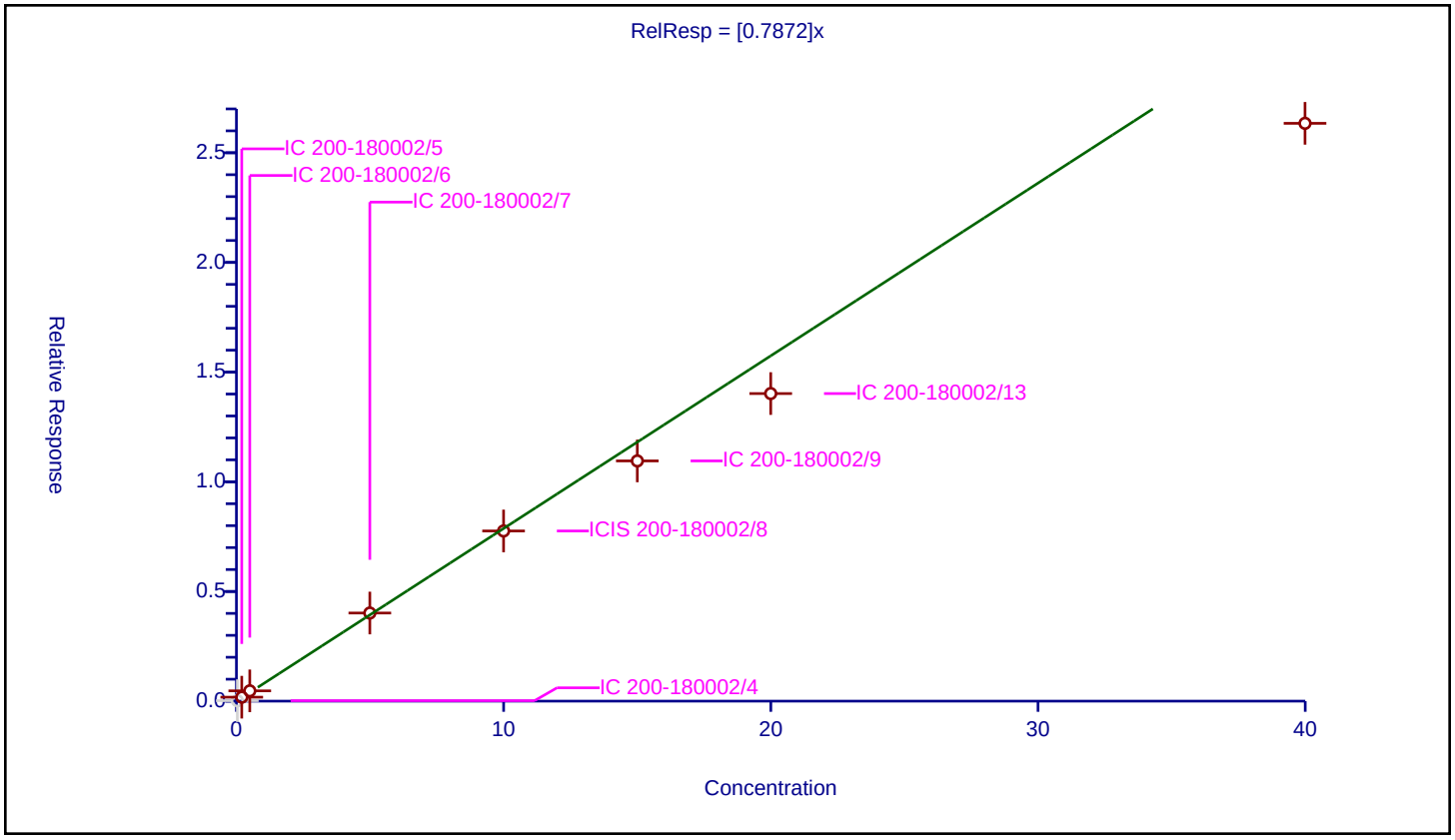
Curve Coefficients

Intercept:	0
Slope:	0.7872

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	13.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.020748	20.0	1802550.0	0.591511	N
2	IC 200-180002/5	0.20044	0.180763	20.0	1801804.0	0.901834	Y
3	IC 200-180002/6	0.500453	0.469565	20.0	1778498.0	0.93828	Y
4	IC 200-180002/7	4.992563	4.016976	20.0	1835485.0	0.804592	Y
5	ICIS 200-180002/8	9.99806	7.757923	20.0	1821949.0	0.775943	Y
6	IC 200-180002/9	15.003557	10.951902	20.0	1834516.0	0.729954	Y
7	IC 200-180002/13	19.99612	14.022232	20.0	1809314.0	0.701248	Y
8	IC 200-180002/14	39.99224	26.341633	20.0	1884565.0	0.658669	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

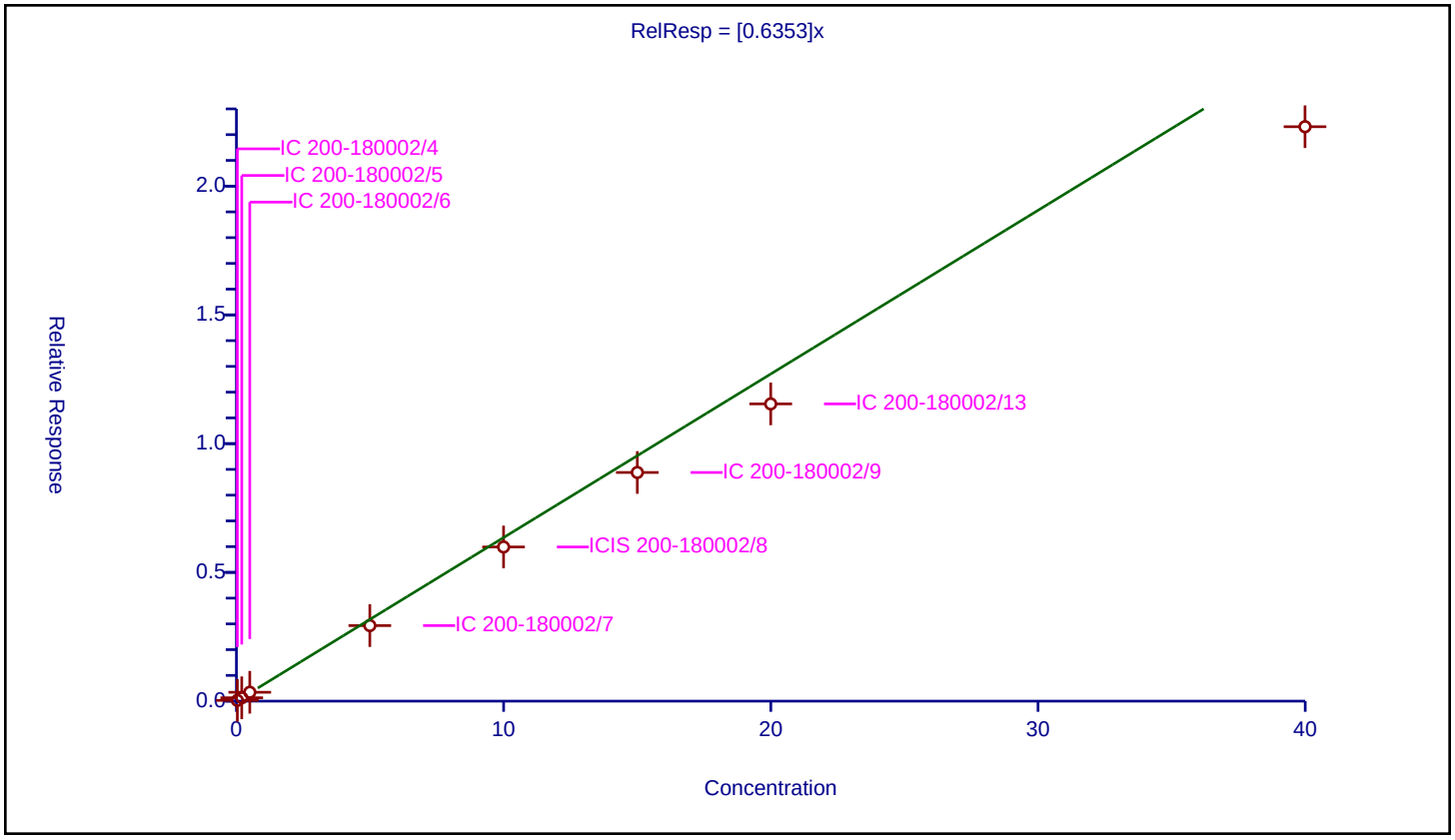
Curve Coefficients

Intercept:	0
Slope:	0.6353

Error Coefficients

Standard Error:	967000
Relative Standard Error:	14.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.029026	20.0	1802550.0	0.827482	Y
2	IC 200-180002/5	0.20044	0.130791	20.0	1801804.0	0.652521	Y
3	IC 200-180002/6	0.500453	0.344965	20.0	1778498.0	0.689307	Y
4	IC 200-180002/7	4.992563	2.934004	20.0	1835485.0	0.587675	Y
5	ICIS 200-180002/8	9.99806	5.987105	20.0	1821949.0	0.598827	Y
6	IC 200-180002/9	15.003557	8.880555	20.0	1834516.0	0.591897	Y
7	IC 200-180002/13	19.99612	11.543259	20.0	1809314.0	0.577275	Y
8	IC 200-180002/14	39.99224	22.307609	20.0	1884565.0	0.557798	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

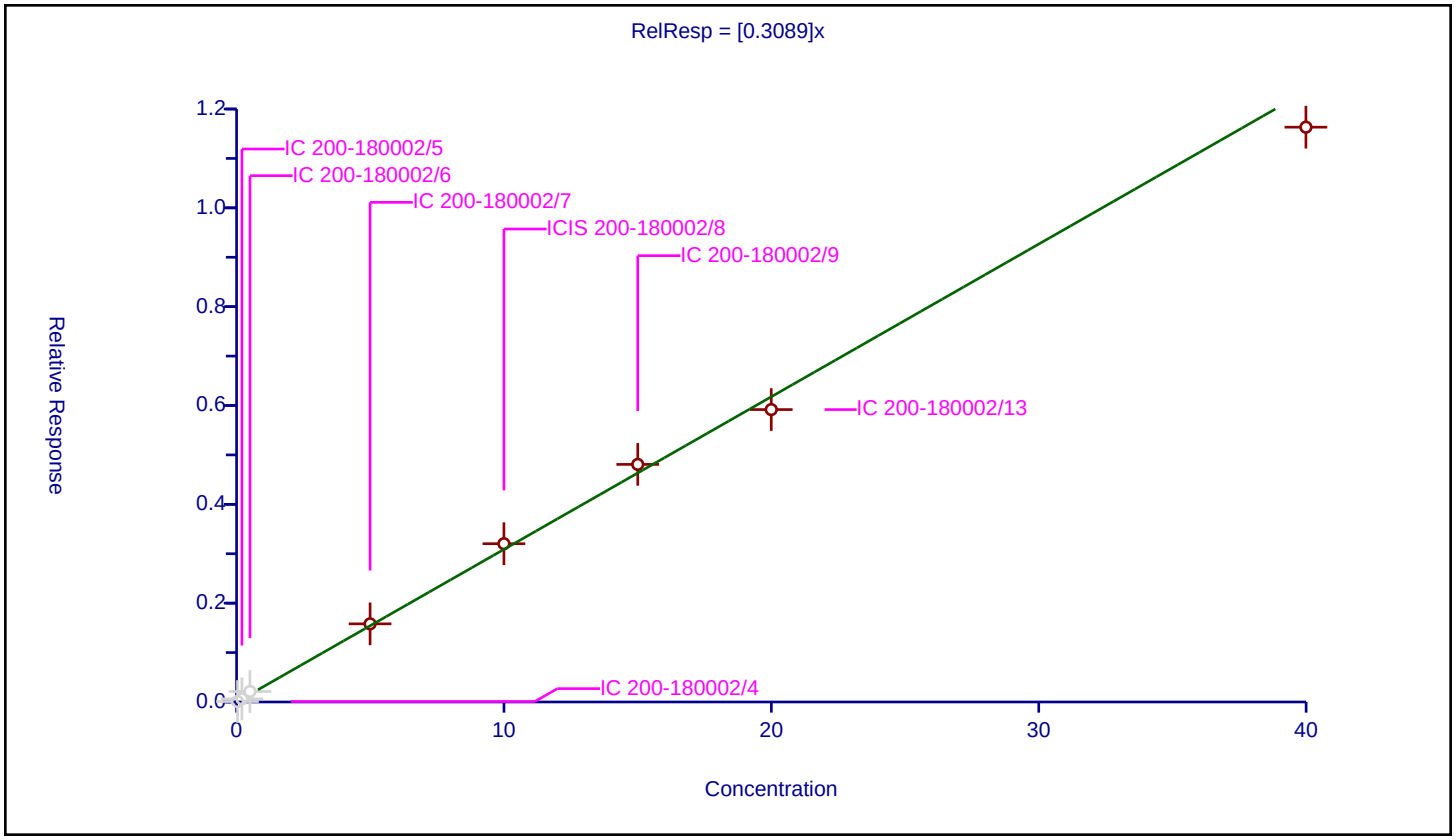
Curve Coefficients

Intercept:	0
Slope:	0.3089

Error Coefficients

Standard Error:	669000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.009453	20.0	1802550.0	0.269501	N
2	IC 200-180002/5	0.20044	0.063392	20.0	1801804.0	0.316265	N
3	IC 200-180002/6	0.500453	0.212708	20.0	1778498.0	0.42503	N
4	IC 200-180002/7	4.992563	1.581533	20.0	1835485.0	0.316778	Y
5	ICIS 200-180002/8	9.99806	3.203295	20.0	1821949.0	0.320392	Y
6	IC 200-180002/9	15.003557	4.808037	20.0	1834516.0	0.32046	Y
7	IC 200-180002/13	19.99612	5.917469	20.0	1809314.0	0.295931	Y
8	IC 200-180002/14	39.99224	11.632743	20.0	1884565.0	0.290875	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

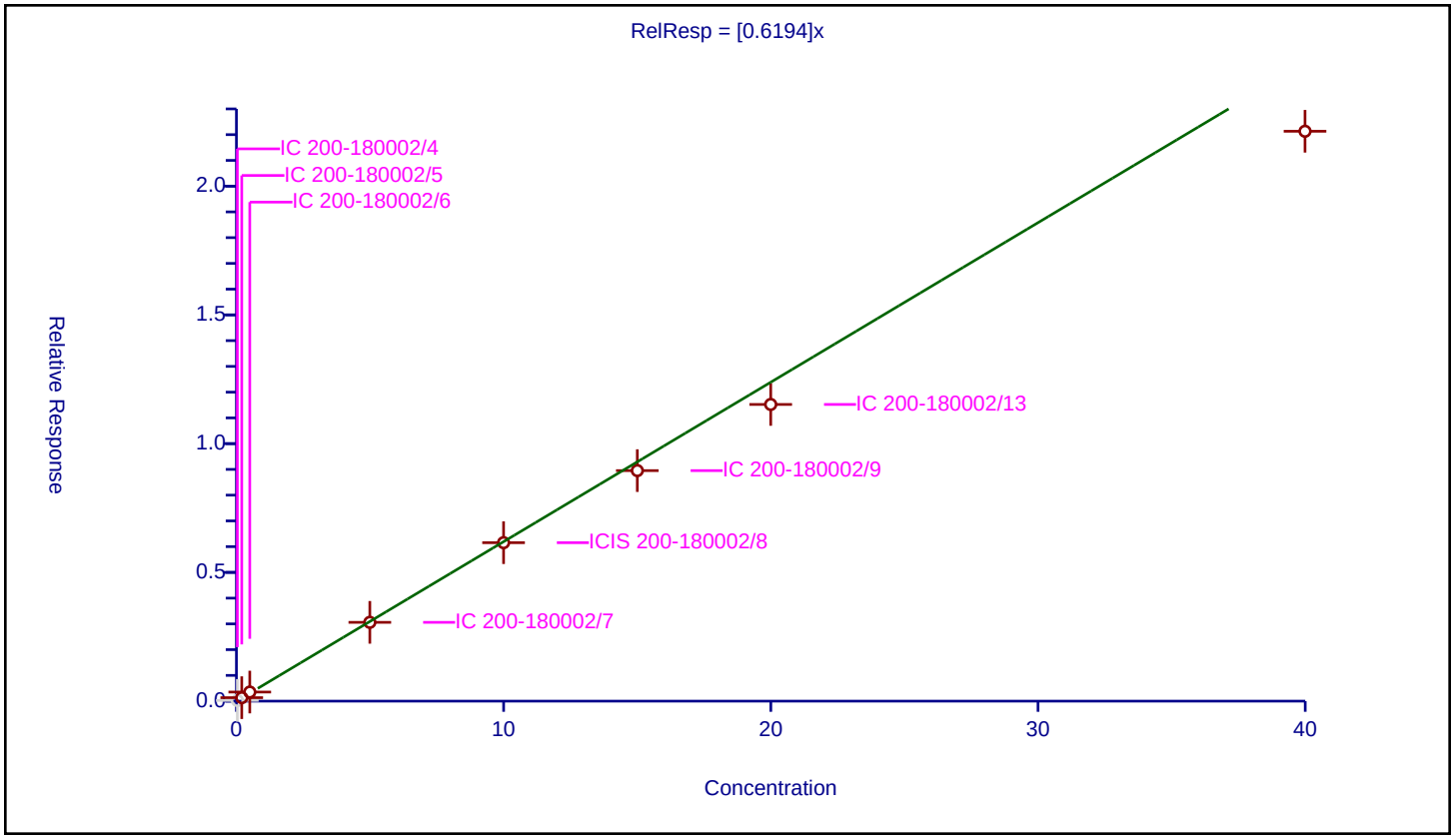
Curve Coefficients

Intercept:	0
Slope:	0.6194

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.027727	20.0	1802550.0	0.790473	N
2	IC 200-180002/5	0.20044	0.135109	20.0	1801804.0	0.674063	Y
3	IC 200-180002/6	0.500453	0.353692	20.0	1778498.0	0.706744	Y
4	IC 200-180002/7	4.992563	3.060455	20.0	1835485.0	0.613003	Y
5	ICIS 200-180002/8	9.99806	6.153751	20.0	1821949.0	0.615494	Y
6	IC 200-180002/9	15.003557	8.952846	20.0	1834516.0	0.596715	Y
7	IC 200-180002/13	19.99612	11.521969	20.0	1809314.0	0.57621	Y
8	IC 200-180002/14	39.99224	22.131219	20.0	1884565.0	0.553388	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

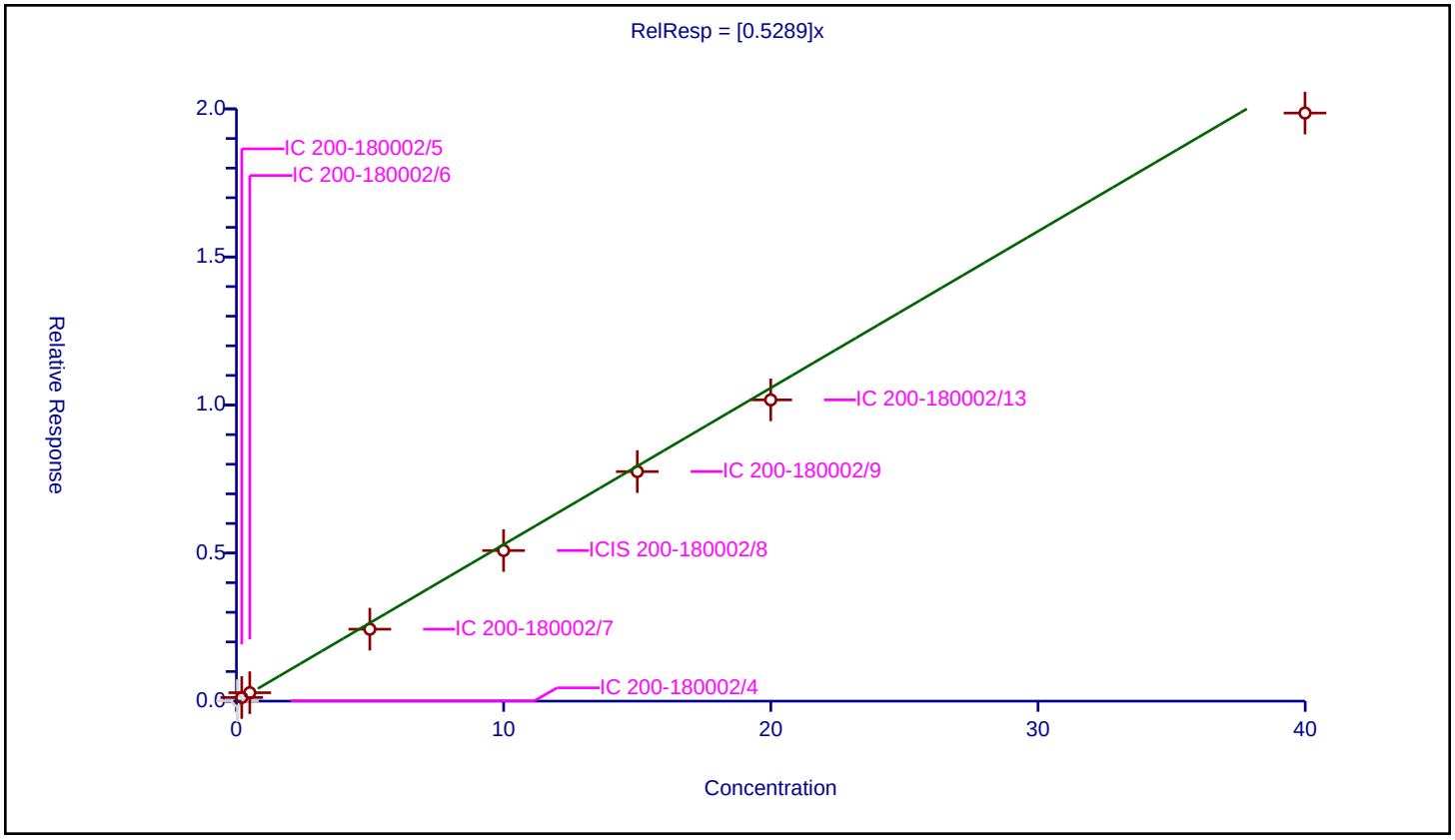
Curve Coefficients

Intercept:	0
Slope:	0.5289

Error Coefficients

Standard Error:	924000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.014169	20.0	1802550.0	0.403935	N
2	IC 200-180002/5	0.20044	0.123043	20.0	1801804.0	0.613867	Y
3	IC 200-180002/6	0.500453	0.285758	20.0	1778498.0	0.570999	Y
4	IC 200-180002/7	4.992563	2.429668	20.0	1835485.0	0.486658	Y
5	ICIS 200-180002/8	9.99806	5.08585	20.0	1821949.0	0.508684	Y
6	IC 200-180002/9	15.003557	7.751887	20.0	1834516.0	0.51667	Y
7	IC 200-180002/13	19.99612	10.173834	20.0	1809314.0	0.50879	Y
8	IC 200-180002/14	39.99224	19.859352	20.0	1884565.0	0.49658	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

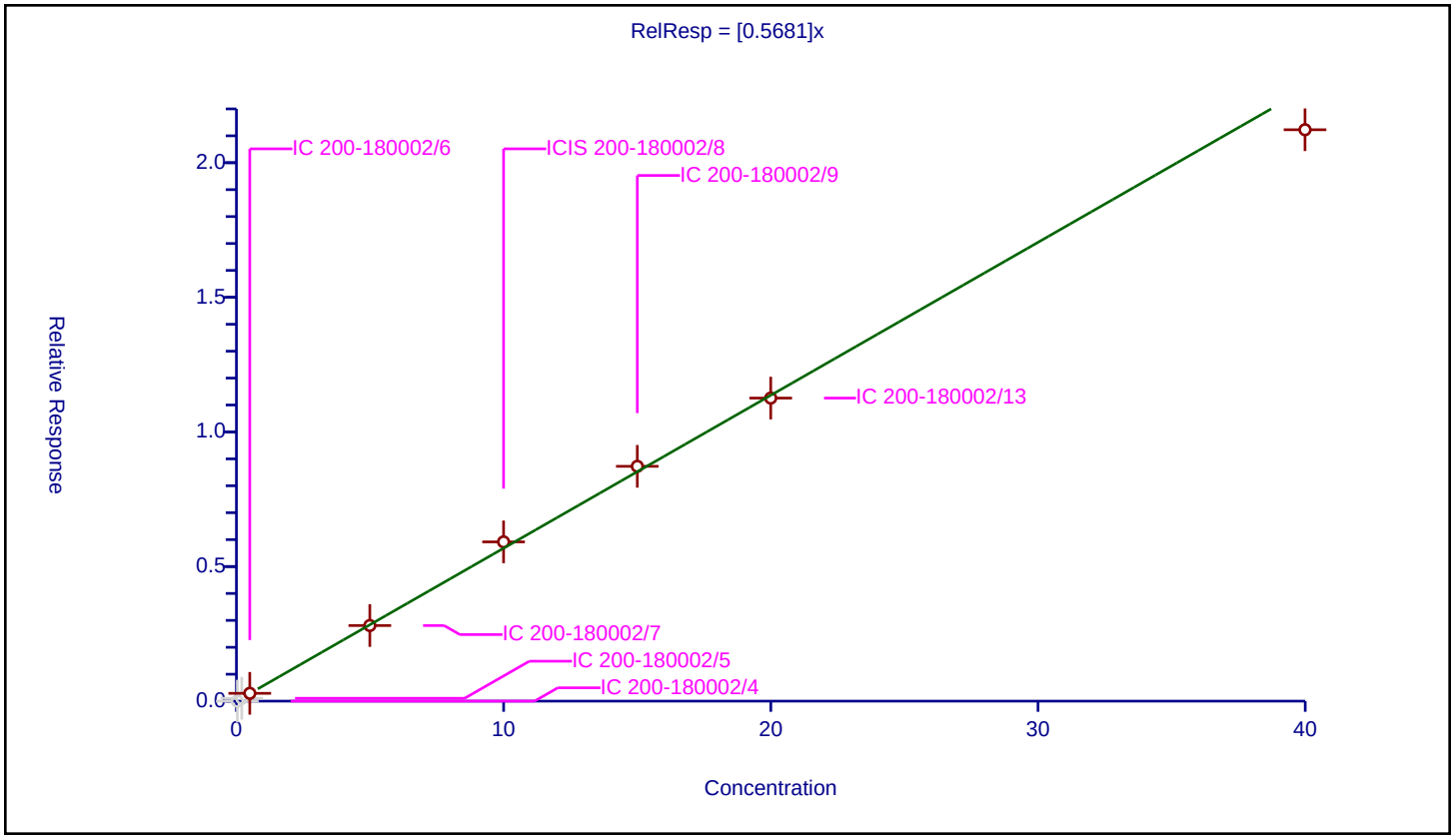
Curve Coefficients

Intercept:	0
Slope:	0.5681

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	1802550.0	0.0	N
2	IC 200-180002/5	0.20044	0.10596	20.0	1801804.0	0.52864	N
3	IC 200-180002/6	0.500453	0.28993	20.0	1778498.0	0.579336	Y
4	IC 200-180002/7	4.992563	2.808446	20.0	1835485.0	0.562526	Y
5	ICIS 200-180002/8	9.99806	5.915742	20.0	1821949.0	0.591689	Y
6	IC 200-180002/9	15.003557	8.722878	20.0	1834516.0	0.581387	Y
7	IC 200-180002/13	19.99612	11.25788	20.0	1809314.0	0.563003	Y
8	IC 200-180002/14	39.99224	21.225726	20.0	1884565.0	0.530746	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

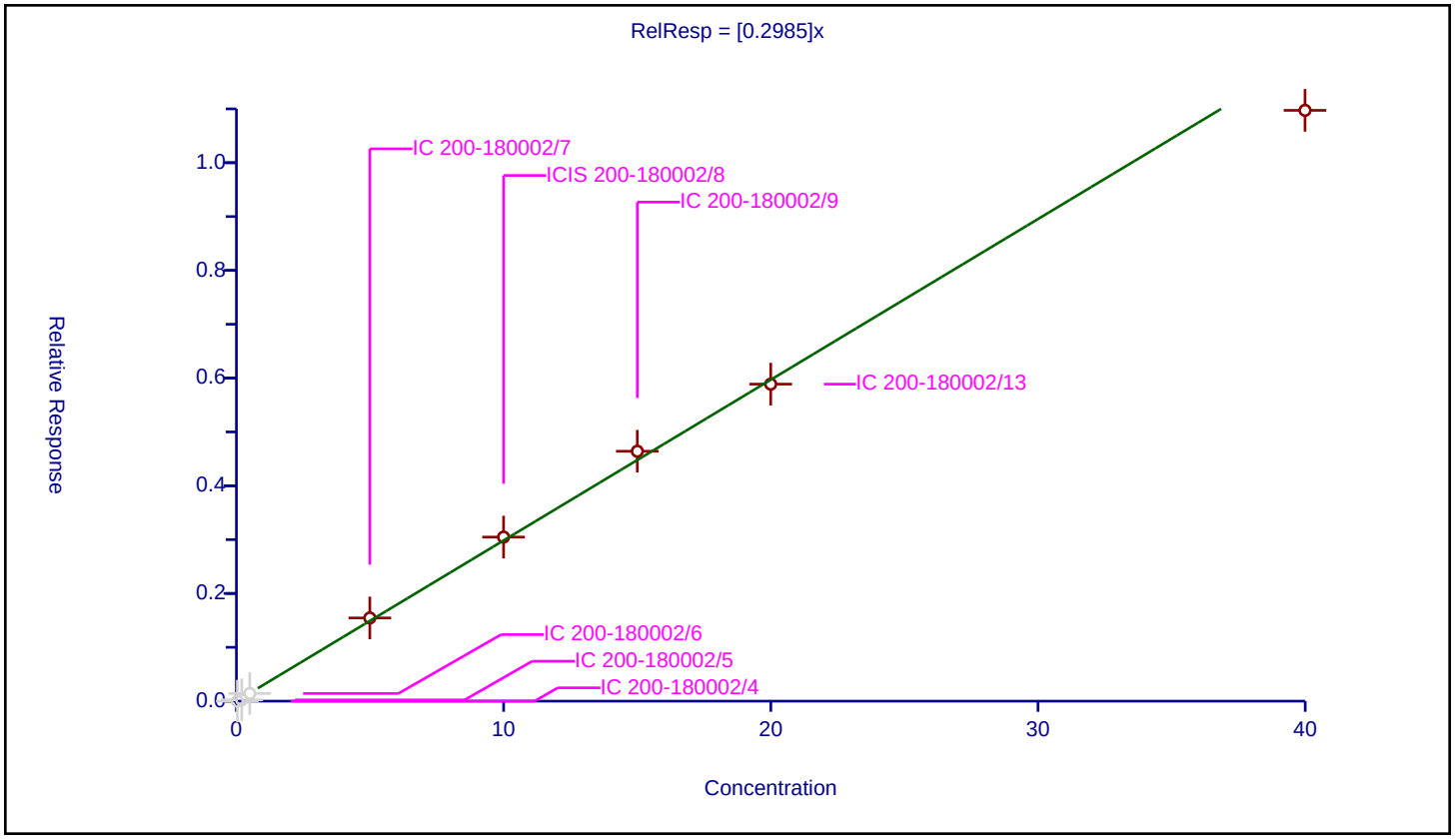
Curve Coefficients

Intercept:	0
Slope:	0.2985

Error Coefficients

Standard Error:	639000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	1802550.0	0.0	N
2	IC 200-180002/5	0.20044	0.023077	20.0	1801804.0	0.115131	N
3	IC 200-180002/6	0.500453	0.142199	20.0	1778498.0	0.28414	N
4	IC 200-180002/7	4.992563	1.545161	20.0	1835485.0	0.309493	Y
5	ICIS 200-180002/8	9.99806	3.047067	20.0	1821949.0	0.304766	Y
6	IC 200-180002/9	15.003557	4.641279	20.0	1834516.0	0.309345	Y
7	IC 200-180002/13	19.99612	5.88779	20.0	1809314.0	0.294447	Y
8	IC 200-180002/14	39.99224	10.972697	20.0	1884565.0	0.274371	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

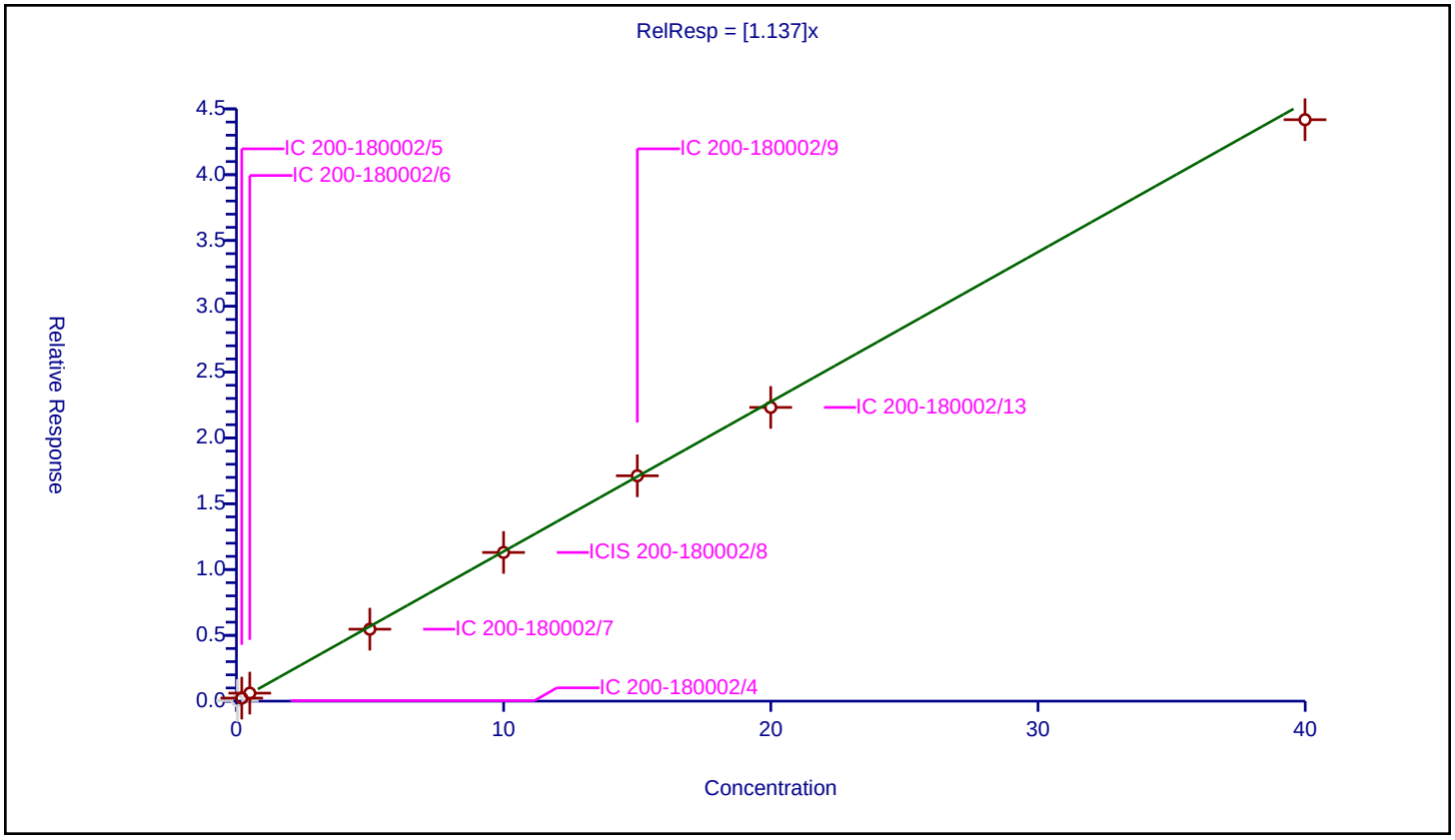
Curve Coefficients

Intercept:	0
Slope:	1.137

Error Coefficients

Standard Error:	2050000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.039888	20.0	1802550.0	1.137155	N
2	IC 200-180002/5	0.20044	0.232511	20.0	1801804.0	1.160007	Y
3	IC 200-180002/6	0.500453	0.608064	20.0	1778498.0	1.215028	Y
4	IC 200-180002/7	4.992563	5.466828	20.0	1835485.0	1.094994	Y
5	ICIS 200-180002/8	9.99806	11.297396	20.0	1821949.0	1.129959	Y
6	IC 200-180002/9	15.003557	17.123699	20.0	1834516.0	1.141309	Y
7	IC 200-180002/13	19.99612	22.317807	20.0	1809314.0	1.116107	Y
8	IC 200-180002/14	39.99224	44.178365	20.0	1884565.0	1.104673	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

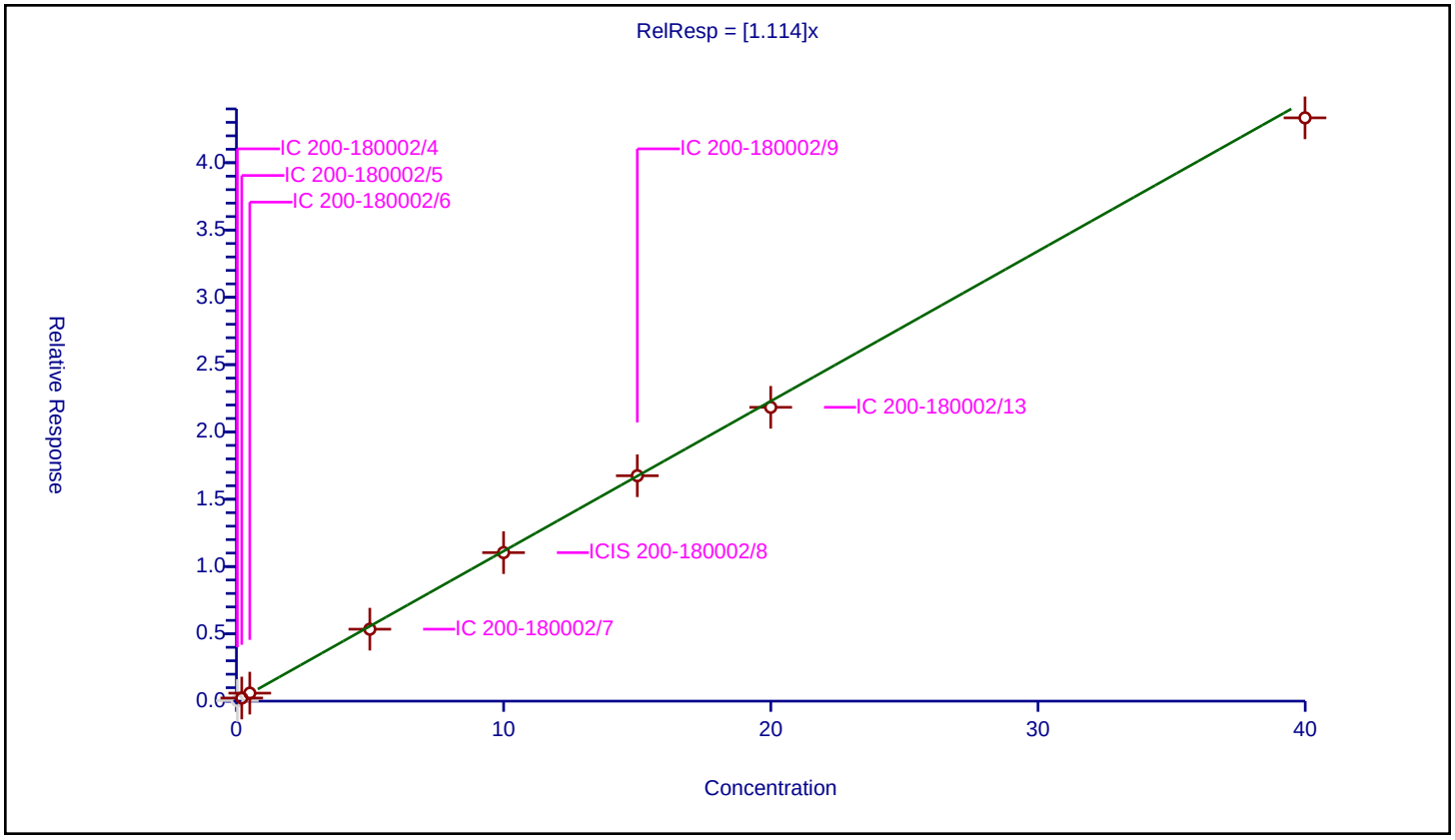
Curve Coefficients

Intercept:	0
Slope:	1.114

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.043039	20.0	1802550.0	1.226989	N
2	IC 200-180002/5	0.20044	0.229814	20.0	1801804.0	1.14655	Y
3	IC 200-180002/6	0.500453	0.595075	20.0	1778498.0	1.189074	Y
4	IC 200-180002/7	4.992563	5.345127	20.0	1835485.0	1.070618	Y
5	ICIS 200-180002/8	9.99806	11.035249	20.0	1821949.0	1.103739	Y
6	IC 200-180002/9	15.003557	16.74675	20.0	1834516.0	1.116185	Y
7	IC 200-180002/13	19.99612	21.829577	20.0	1809314.0	1.091691	Y
8	IC 200-180002/14	39.99224	43.33573	20.0	1884565.0	1.083603	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

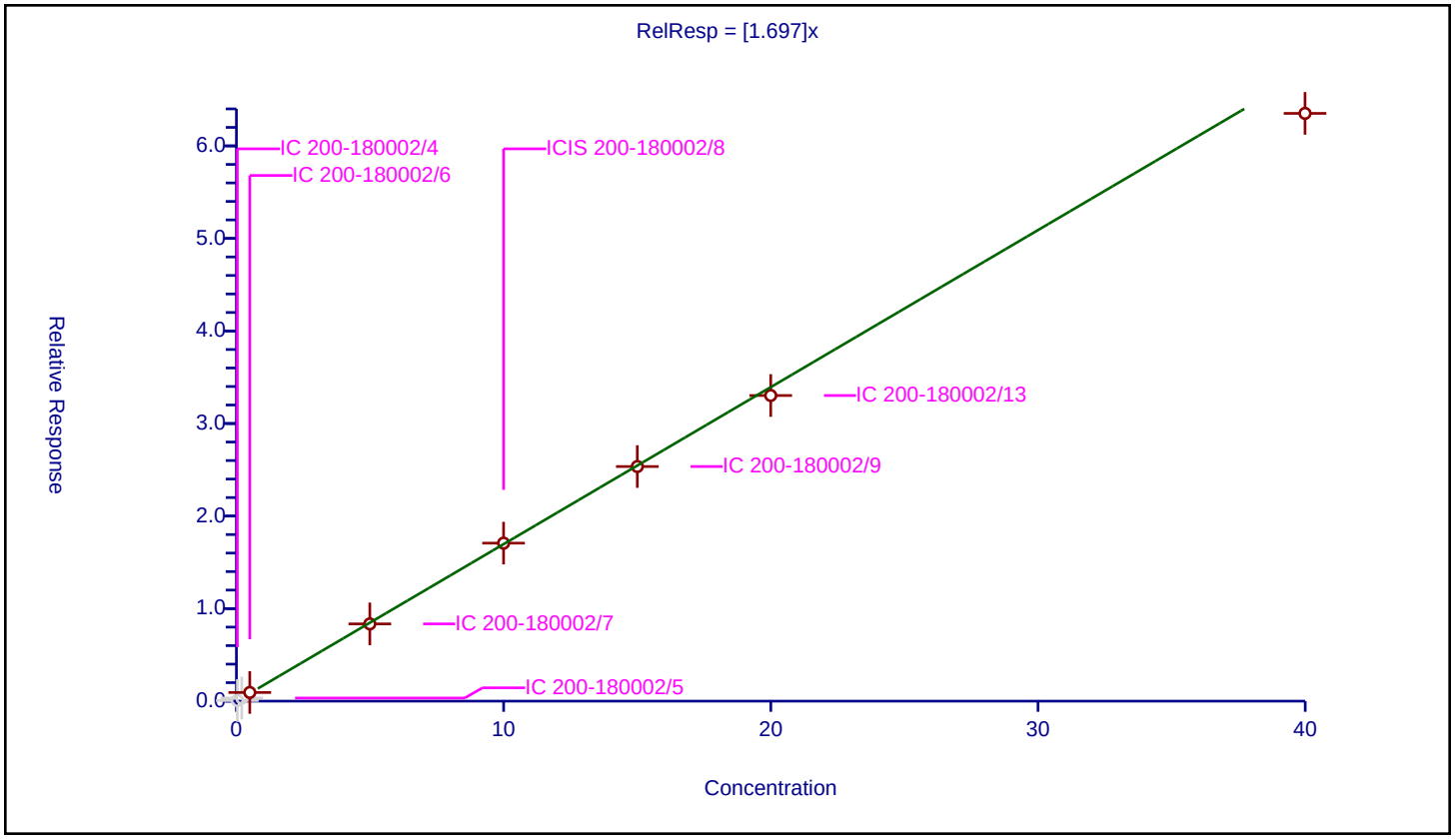
Curve Coefficients

Intercept:	0
Slope:	1.697

Error Coefficients

Standard Error:	3260000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.063521	20.0	1802550.0	1.810908	N
2	IC 200-180002/5	0.20044	0.335175	20.0	1801804.0	1.6722	N
3	IC 200-180002/6	0.500453	0.936419	20.0	1778498.0	1.871145	Y
4	IC 200-180002/7	4.992563	8.348104	20.0	1835485.0	1.672108	Y
5	ICIS 200-180002/8	9.99806	17.074265	20.0	1821949.0	1.707758	Y
6	IC 200-180002/9	15.003557	25.35194	20.0	1834516.0	1.689729	Y
7	IC 200-180002/13	19.99612	33.028065	20.0	1809314.0	1.651724	Y
8	IC 200-180002/14	39.99224	63.514265	20.0	1884565.0	1.588165	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

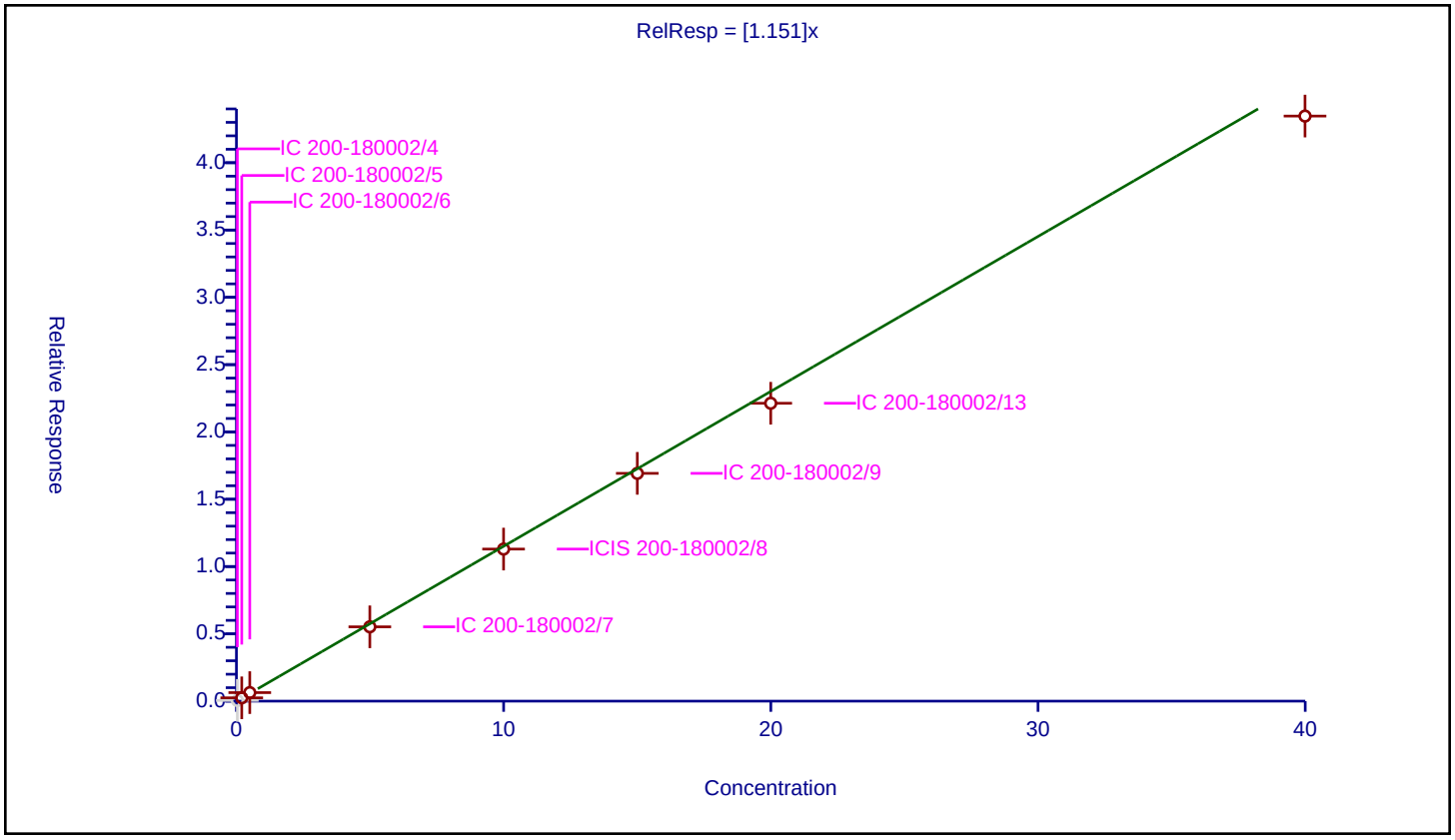
Curve Coefficients

Intercept:	0
Slope:	1.151

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.052664	20.0	1822119.0	1.501384	N
2	IC 200-180002/5	0.20044	0.24658	20.0	1814506.0	1.230193	Y
3	IC 200-180002/6	0.500453	0.634192	20.0	1791414.0	1.267236	Y
4	IC 200-180002/7	4.992563	5.522582	20.0	1846093.0	1.106162	Y
5	ICIS 200-180002/8	9.99806	11.296885	20.0	1857620.0	1.129908	Y
6	IC 200-180002/9	15.003557	16.922719	20.0	1897454.0	1.127914	Y
7	IC 200-180002/13	19.99612	22.131144	20.0	1875650.0	1.106772	Y
8	IC 200-180002/14	39.99224	43.467536	20.0	1974001.0	1.086899	Y



Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

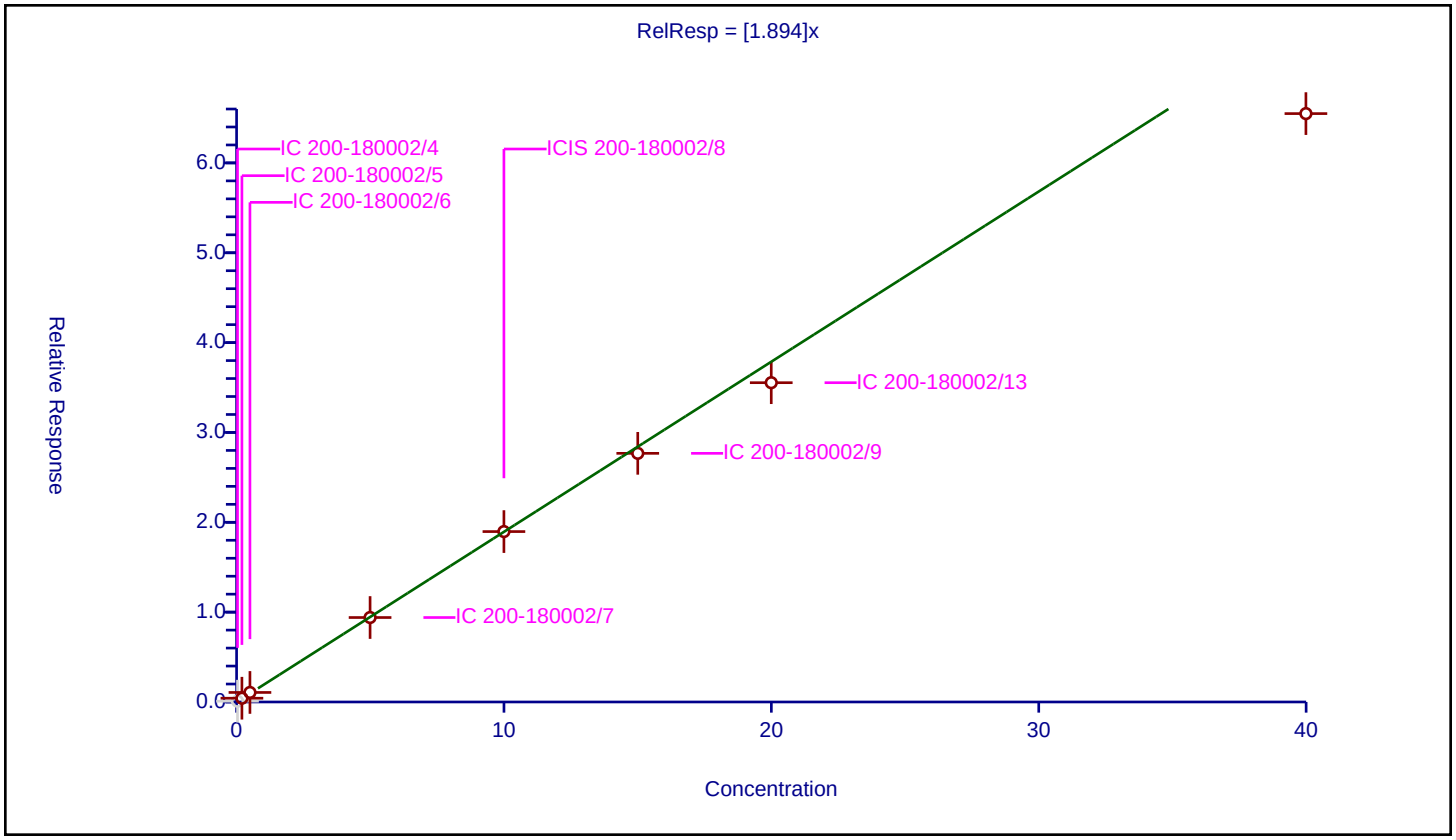
Curve Coefficients

Intercept:	0
Slope:	1.894

Error Coefficients

Standard Error:	3130000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.091282	20.0	1802550.0	2.602331	N
2	IC 200-180002/5	0.20044	0.420157	20.0	1801804.0	2.096175	Y
3	IC 200-180002/6	0.500453	1.061278	20.0	1778498.0	2.120636	Y
4	IC 200-180002/7	4.992563	9.402877	20.0	1835485.0	1.883377	Y
5	ICIS 200-180002/8	9.99806	18.968149	20.0	1821949.0	1.897183	Y
6	IC 200-180002/9	15.003557	27.67518	20.0	1834516.0	1.844575	Y
7	IC 200-180002/13	19.99612	35.539459	20.0	1809314.0	1.777318	Y
8	IC 200-180002/14	39.99224	65.490063	20.0	1884565.0	1.637569	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

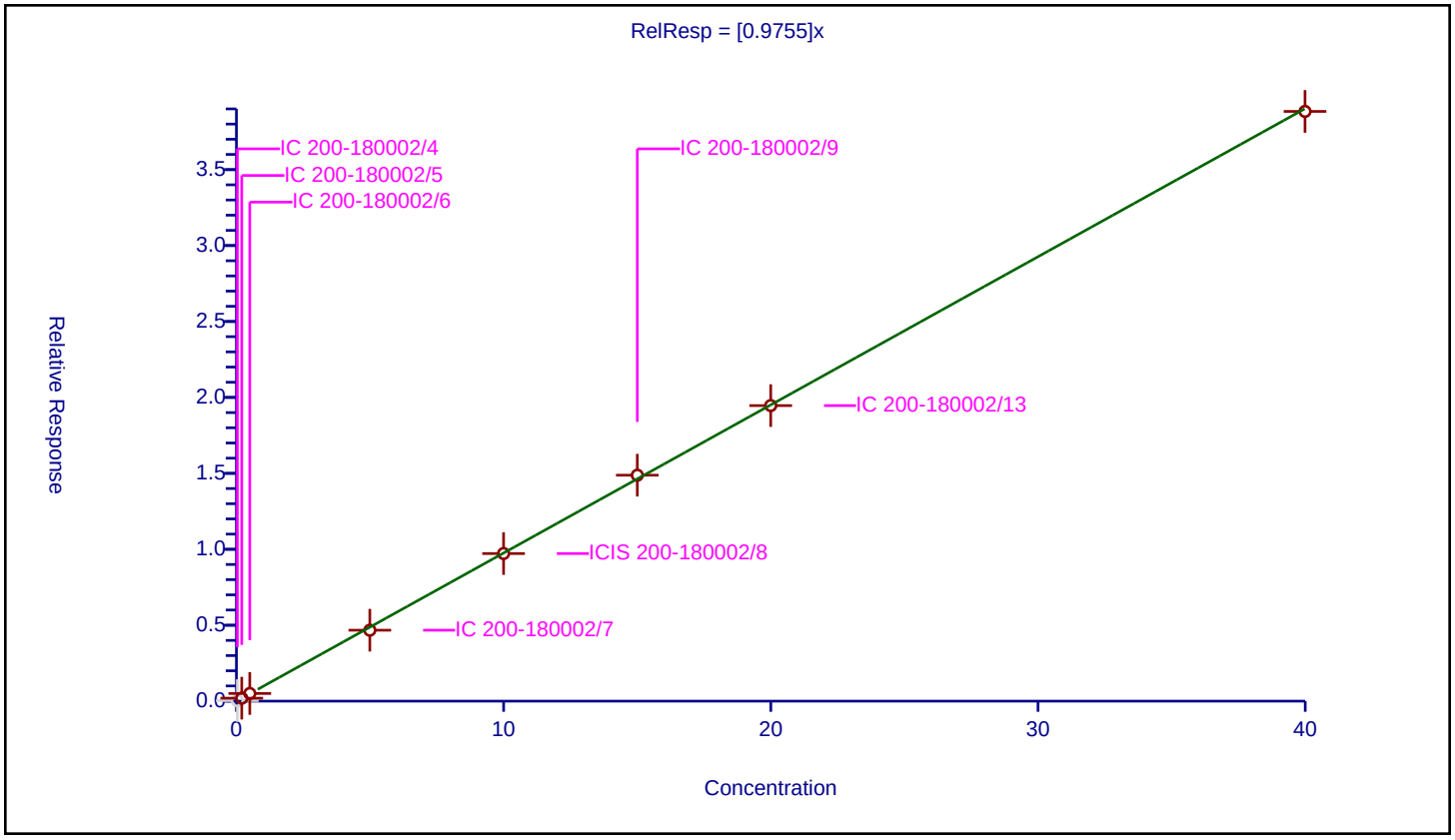
Curve Coefficients

Intercept:	0
Slope:	0.9755

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.036349	20.0	1802550.0	1.036251	N
2	IC 200-180002/5	0.20044	0.196004	20.0	1801804.0	0.977868	Y
3	IC 200-180002/6	0.500453	0.504088	20.0	1778498.0	1.007265	Y
4	IC 200-180002/7	4.992563	4.670689	20.0	1835485.0	0.935529	Y
5	ICIS 200-180002/8	9.99806	9.719646	20.0	1821949.0	0.972153	Y
6	IC 200-180002/9	15.003557	14.87817	20.0	1834516.0	0.991643	Y
7	IC 200-180002/13	19.99612	19.462061	20.0	1809314.0	0.973292	Y
8	IC 200-180002/14	39.99224	38.832526	20.0	1884565.0	0.971002	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

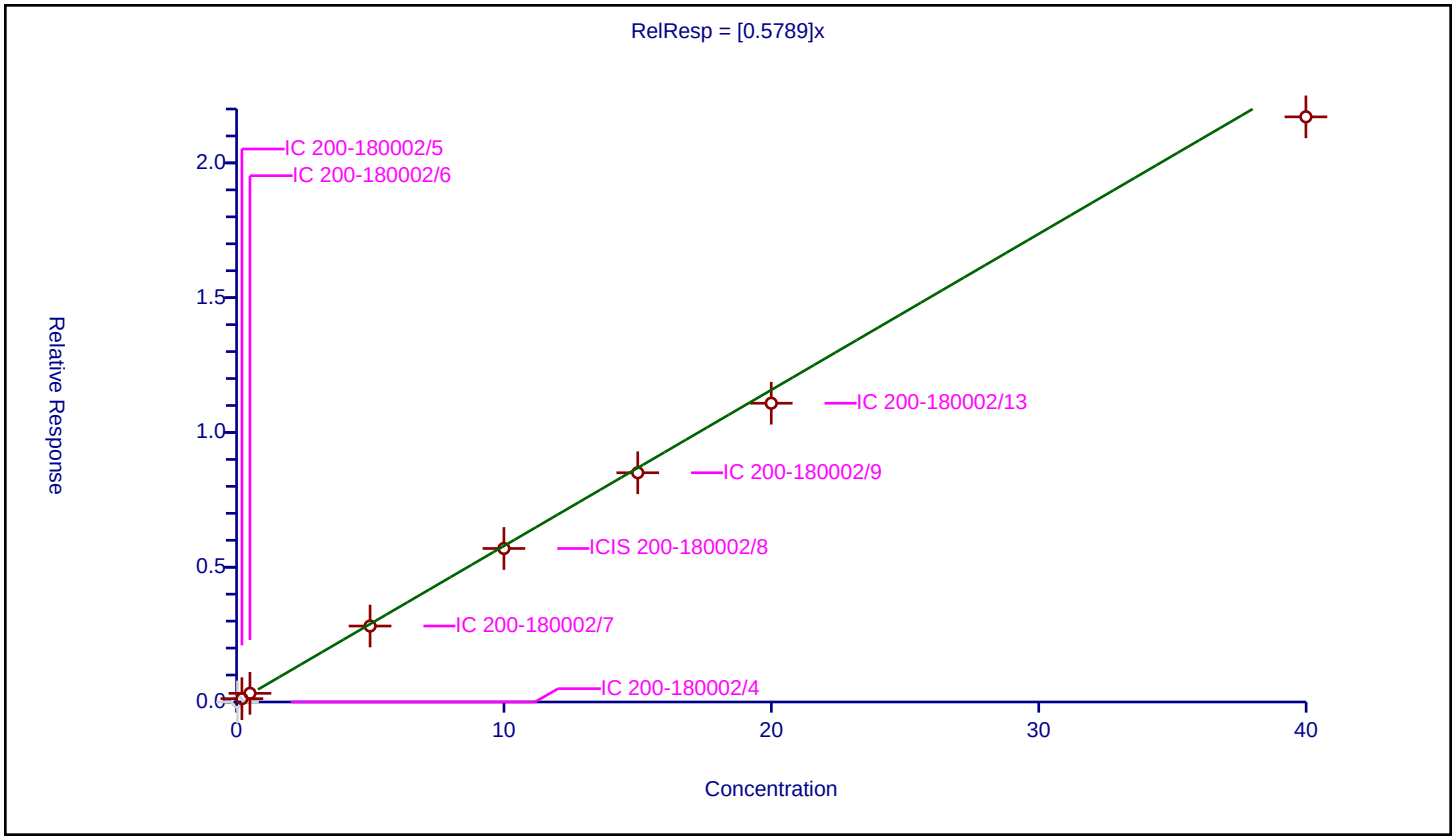
Curve Coefficients

Intercept:	0
Slope:	0.5789

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.0	20.0	1822119.0	0.0	N
2	IC 200-180002/5	0.20044	0.122733	20.0	1814506.0	0.61232	Y
3	IC 200-180002/6	0.500453	0.321288	20.0	1791414.0	0.641995	Y
4	IC 200-180002/7	4.992563	2.817821	20.0	1846093.0	0.564404	Y
5	ICIS 200-180002/8	9.99806	5.695589	20.0	1857620.0	0.569669	Y
6	IC 200-180002/9	15.003557	8.505355	20.0	1897454.0	0.566889	Y
7	IC 200-180002/13	19.99612	11.084211	20.0	1875650.0	0.554318	Y
8	IC 200-180002/14	39.99224	21.709189	20.0	1974001.0	0.542835	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

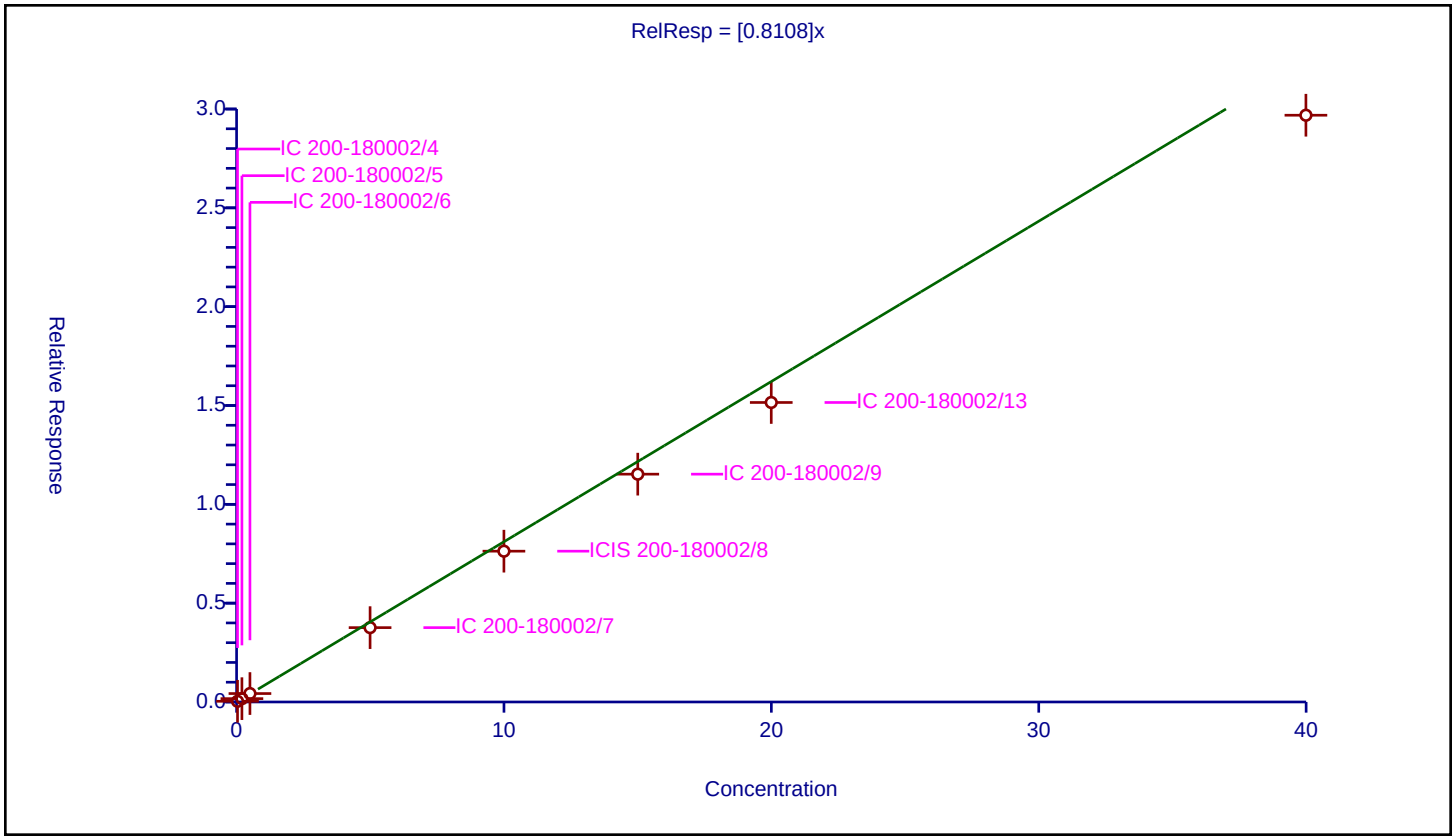
Curve Coefficients

Intercept:	0
Slope:	0.8108

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.035289	20.0	1822119.0	1.006034	Y
2	IC 200-180002/5	0.20044	0.16863	20.0	1814506.0	0.8413	Y
3	IC 200-180002/6	0.500453	0.427216	20.0	1791414.0	0.853658	Y
4	IC 200-180002/7	4.992563	3.762107	20.0	1846093.0	0.753542	Y
5	ICIS 200-180002/8	9.99806	7.629483	20.0	1857620.0	0.763096	Y
6	IC 200-180002/9	15.003557	11.526962	20.0	1897454.0	0.768282	Y
7	IC 200-180002/13	19.99612	15.153296	20.0	1875650.0	0.757812	Y
8	IC 200-180002/14	39.99224	29.685679	20.0	1974001.0	0.742286	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

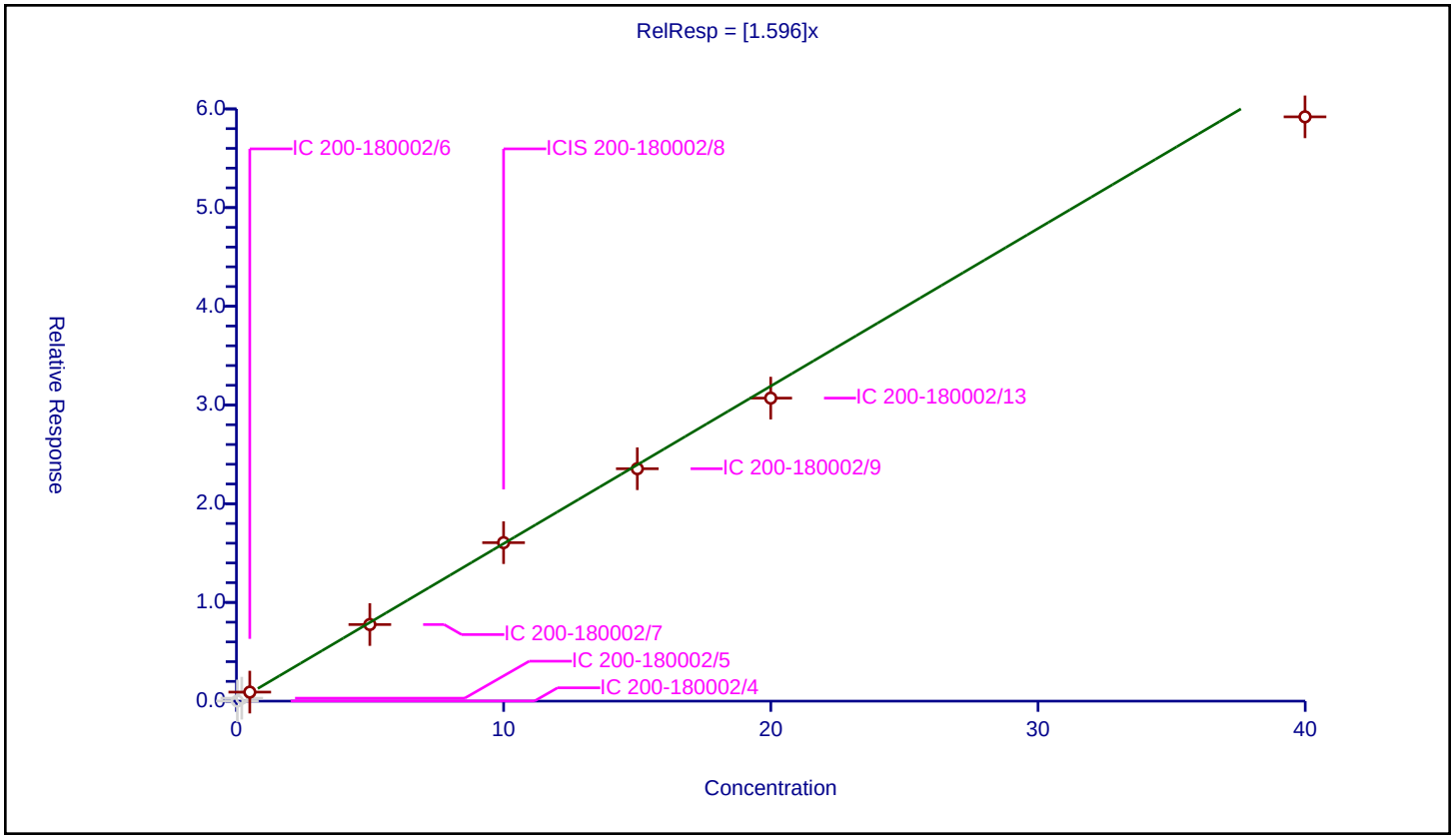
Curve Coefficients

Intercept:	0
Slope:	1.596

Error Coefficients

Standard Error:	3170000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.013918	20.0	1822119.0	0.396781	N
2	IC 200-180002/5	0.20044	0.29845	20.0	1814506.0	1.488979	N
3	IC 200-180002/6	0.500453	0.916103	20.0	1791414.0	1.830549	Y
4	IC 200-180002/7	4.992563	7.761732	20.0	1846093.0	1.554659	Y
5	ICIS 200-180002/8	9.99806	16.056298	20.0	1857620.0	1.605941	Y
6	IC 200-180002/9	15.003557	23.545224	20.0	1897454.0	1.569309	Y
7	IC 200-180002/13	19.99612	30.699	20.0	1875650.0	1.535248	Y
8	IC 200-180002/14	39.99224	59.195938	20.0	1974001.0	1.480186	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

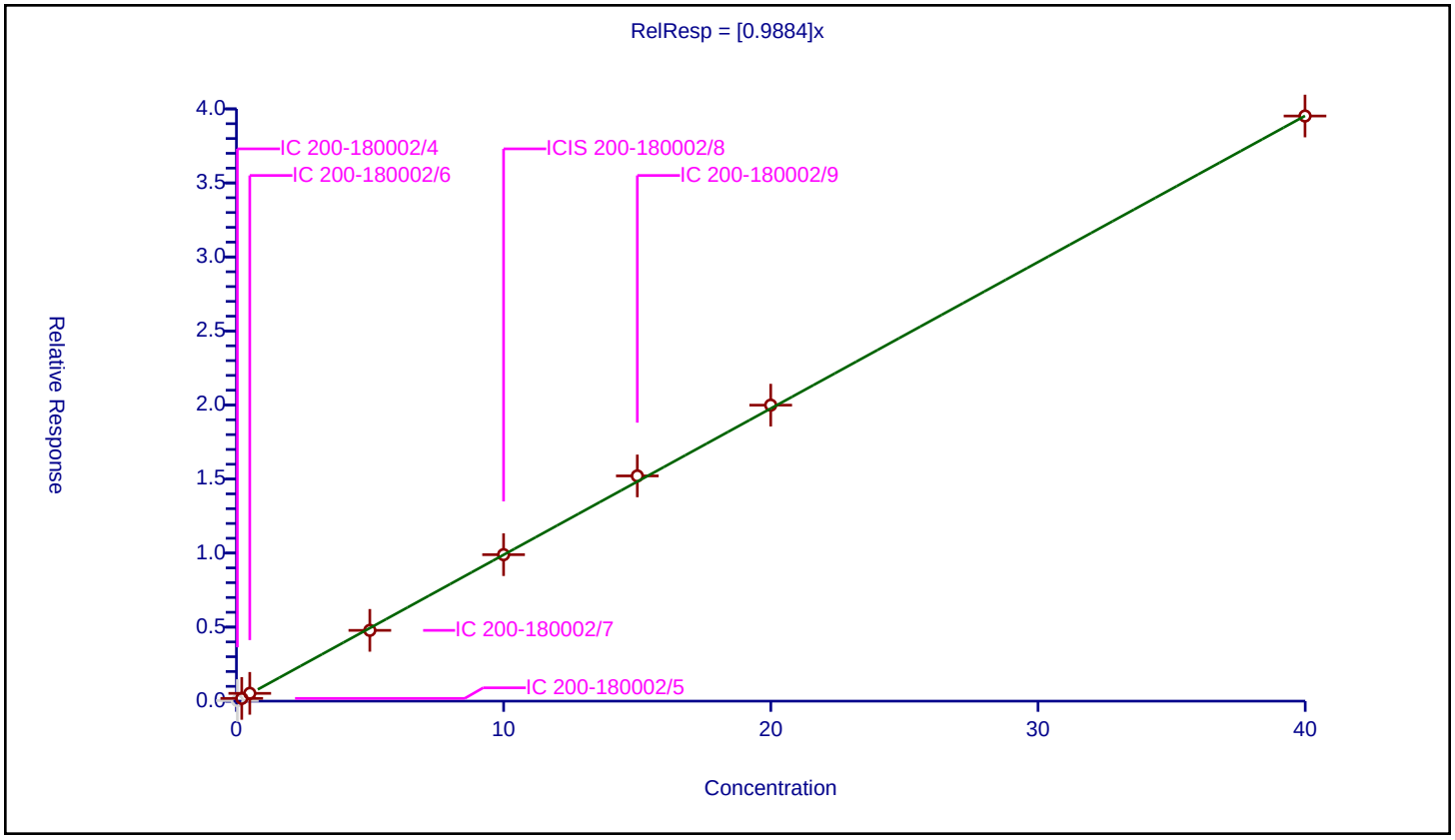
Curve Coefficients

Intercept:	0
Slope:	0.9884

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.038197	20.0	1822119.0	1.088957	N
2	IC 200-180002/5	0.20044	0.184348	20.0	1814506.0	0.919717	Y
3	IC 200-180002/6	0.500453	0.525551	20.0	1791414.0	1.050152	Y
4	IC 200-180002/7	4.992563	4.781211	20.0	1846093.0	0.957667	Y
5	ICIS 200-180002/8	9.99806	9.892561	20.0	1857620.0	0.989448	Y
6	IC 200-180002/9	15.003557	15.212806	20.0	1897454.0	1.013947	Y
7	IC 200-180002/13	19.99612	19.992184	20.0	1875650.0	0.999803	Y
8	IC 200-180002/14	39.99224	39.519565	20.0	1974001.0	0.988181	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

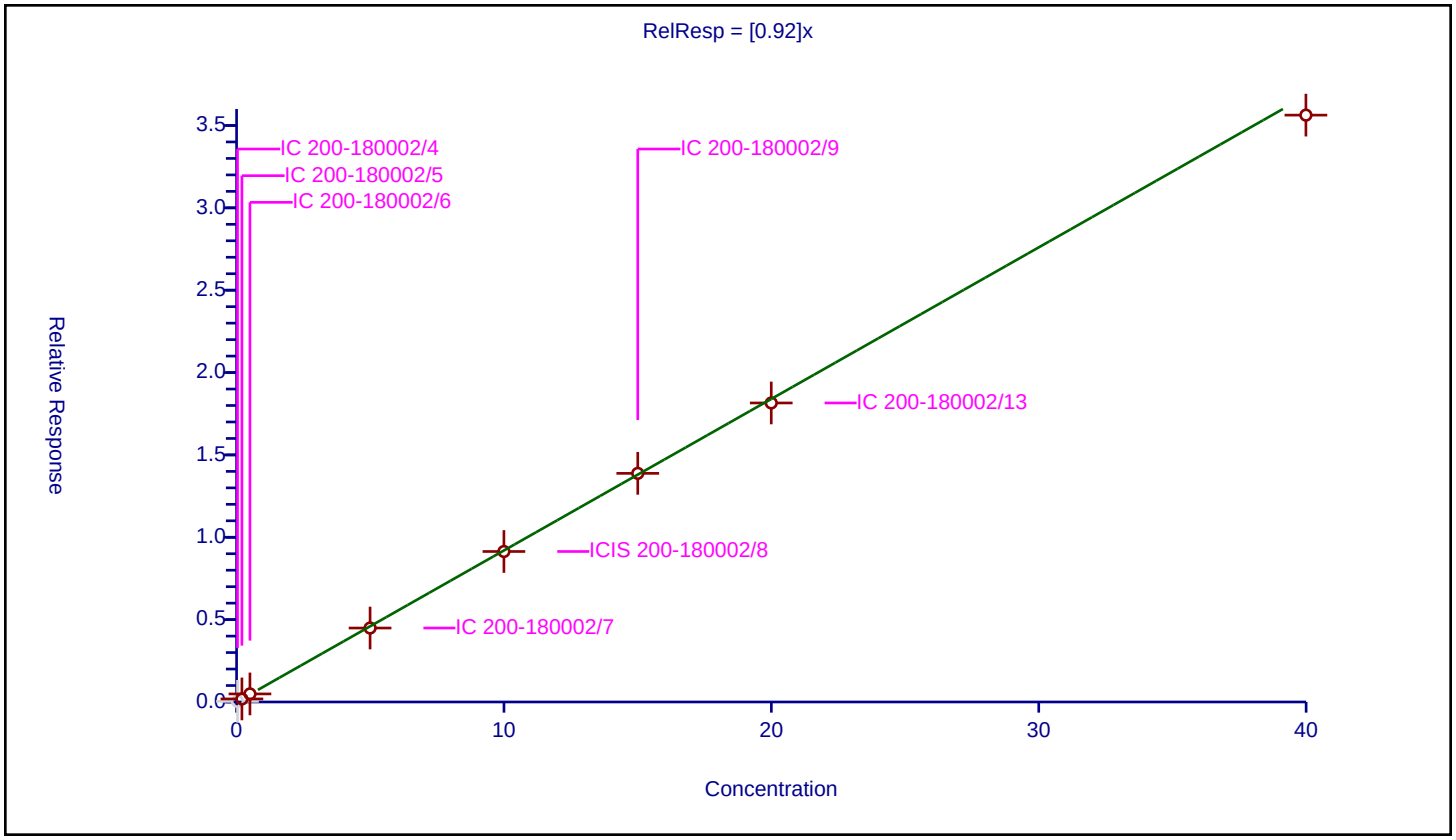
Curve Coefficients

Intercept:	0
Slope:	0.92

Error Coefficients

Standard Error:	1730000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.038077	20.0	1822119.0	1.085515	N
2	IC 200-180002/5	0.20044	0.185174	20.0	1814506.0	0.923841	Y
3	IC 200-180002/6	0.500453	0.489915	20.0	1791414.0	0.978943	Y
4	IC 200-180002/7	4.992563	4.490272	20.0	1846093.0	0.899392	Y
5	ICIS 200-180002/8	9.99806	9.135959	20.0	1857620.0	0.913773	Y
6	IC 200-180002/9	15.003557	13.880326	20.0	1897454.0	0.925136	Y
7	IC 200-180002/13	19.99612	18.153909	20.0	1875650.0	0.907872	Y
8	IC 200-180002/14	39.99224	35.628624	20.0	1974001.0	0.890888	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

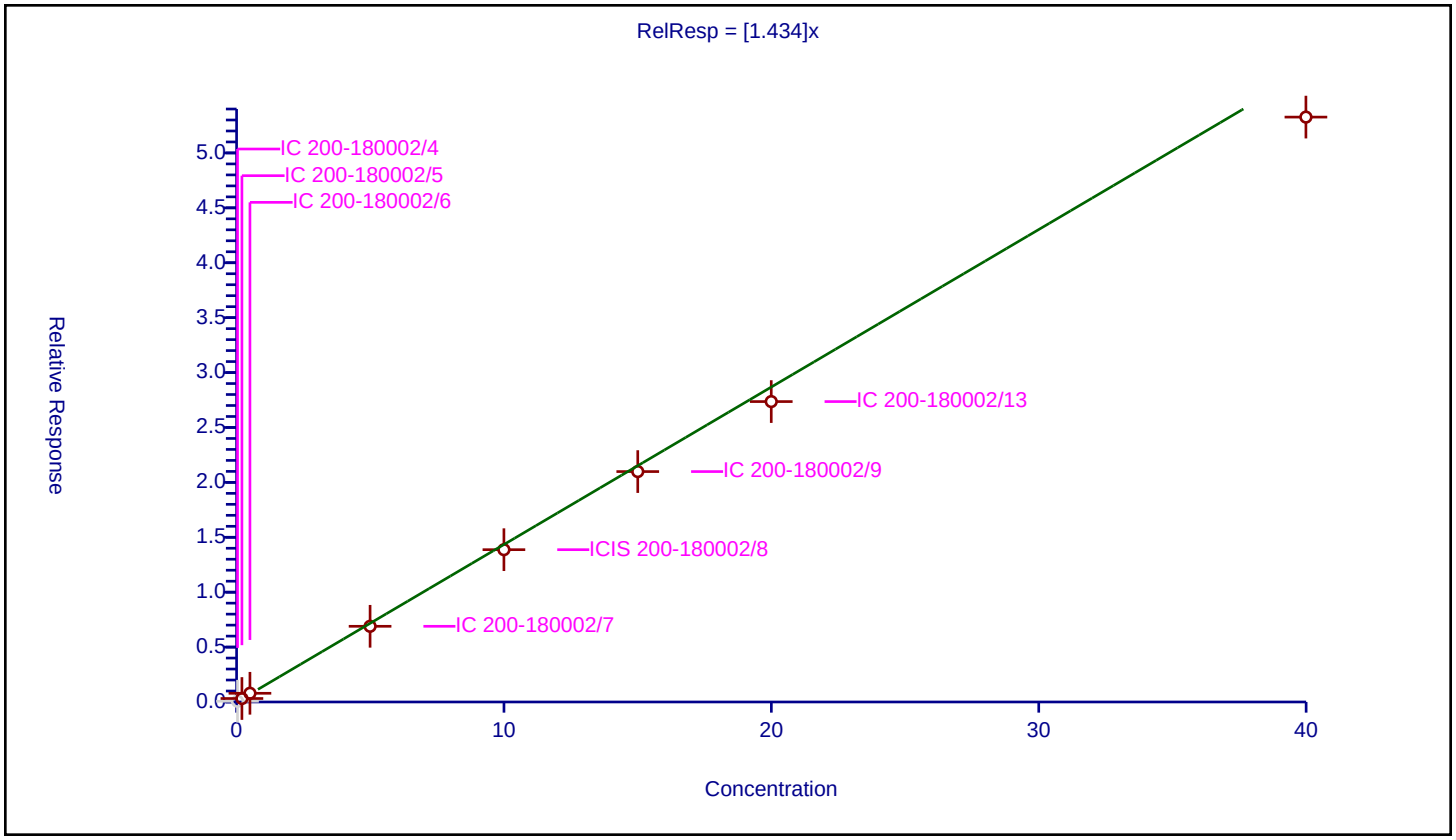
Curve Coefficients

Intercept:	0
Slope:	1.434

Error Coefficients

Standard Error:	2590000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.069073	20.0	1822119.0	1.969197	N
2	IC 200-180002/5	0.20044	0.318037	20.0	1814506.0	1.586697	Y
3	IC 200-180002/6	0.500453	0.793641	20.0	1791414.0	1.585847	Y
4	IC 200-180002/7	4.992563	6.893824	20.0	1846093.0	1.380819	Y
5	ICIS 200-180002/8	9.99806	13.869952	20.0	1857620.0	1.387264	Y
6	IC 200-180002/9	15.003557	20.982917	20.0	1897454.0	1.39853	Y
7	IC 200-180002/13	19.99612	27.357588	20.0	1875650.0	1.368145	Y
8	IC 200-180002/14	39.99224	53.263631	20.0	1974001.0	1.331849	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

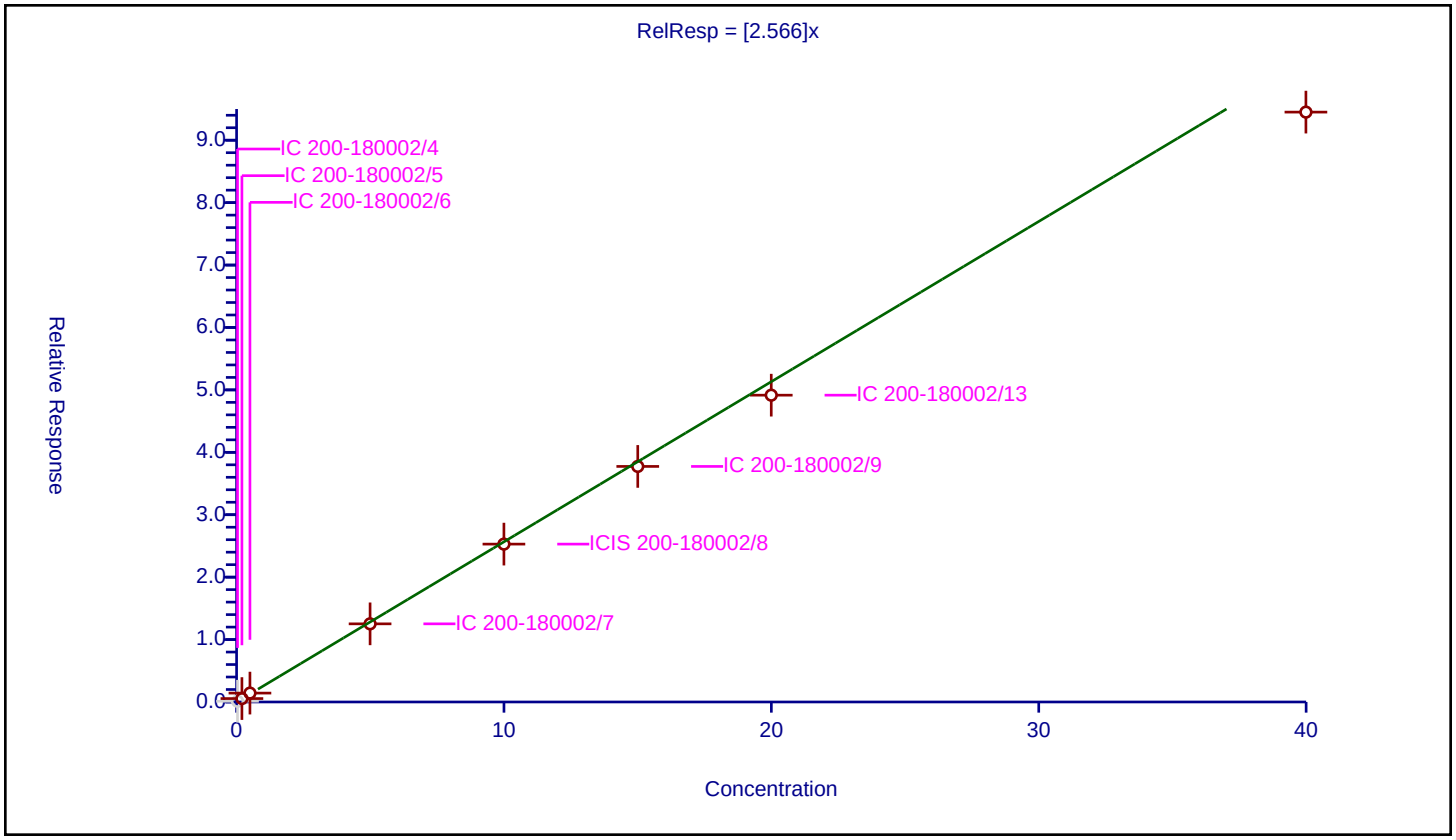
Curve Coefficients

Intercept:	0
Slope:	2.566

Error Coefficients

Standard Error:	4620000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.12368	20.0	1822119.0	3.525968	N
2	IC 200-180002/5	0.20044	0.54902	20.0	1814506.0	2.739078	Y
3	IC 200-180002/6	0.500453	1.425656	20.0	1791414.0	2.848733	Y
4	IC 200-180002/7	4.992563	12.520593	20.0	1846093.0	2.507849	Y
5	ICIS 200-180002/8	9.99806	25.295152	20.0	1857620.0	2.530006	Y
6	IC 200-180002/9	15.003557	37.737062	20.0	1897454.0	2.515208	Y
7	IC 200-180002/13	19.99612	49.154757	20.0	1875650.0	2.458215	Y
8	IC 200-180002/14	39.99224	94.502789	20.0	1974001.0	2.363028	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

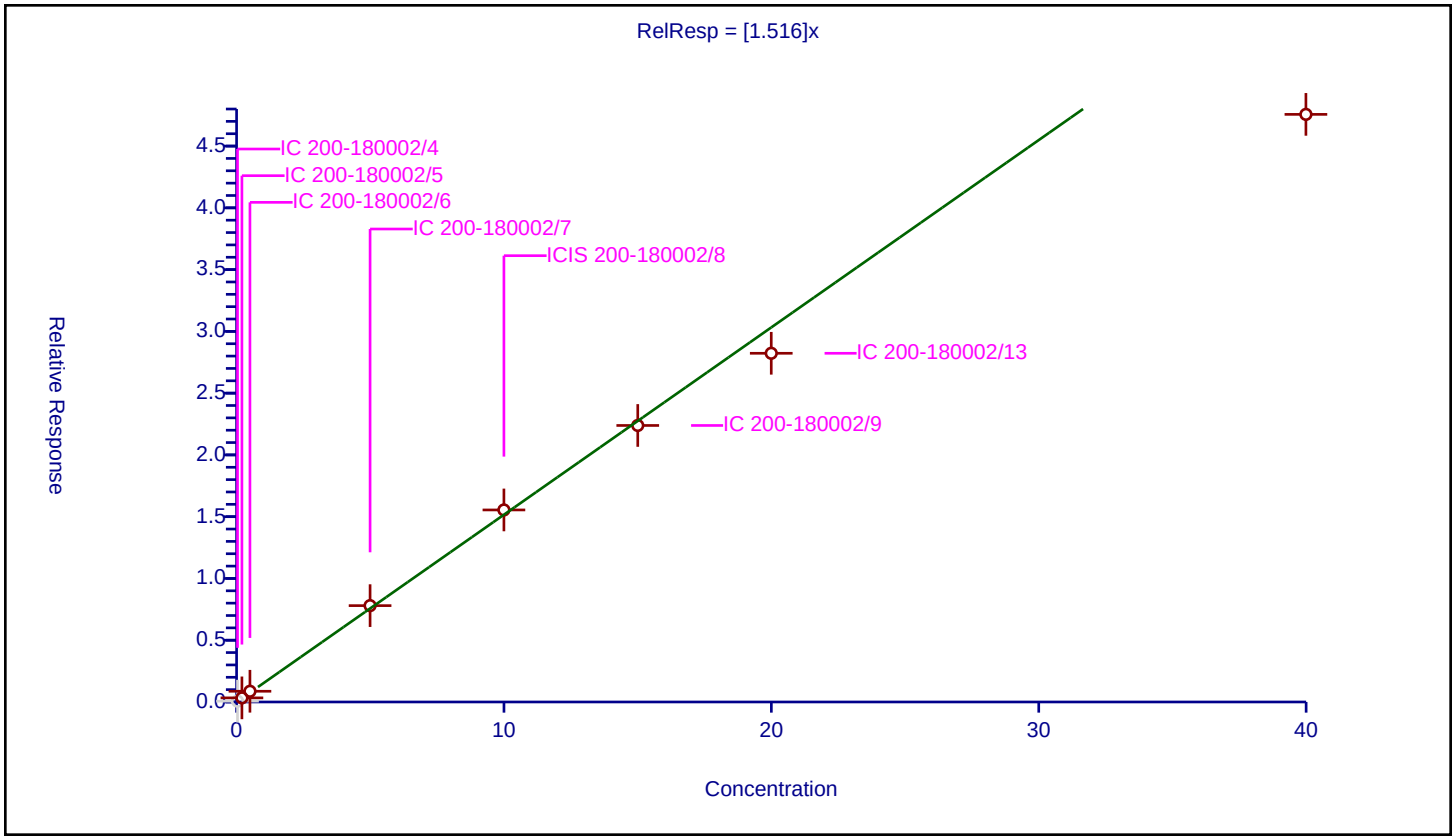
Curve Coefficients

Intercept:	0
Slope:	1.516

Error Coefficients

Standard Error:	2460000
Relative Standard Error:	11.8
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.067317	20.0	1822119.0	1.91913	N
2	IC 200-180002/5	0.20044	0.33435	20.0	1814506.0	1.668083	Y
3	IC 200-180002/6	0.500453	0.86842	20.0	1791414.0	1.73527	Y
4	IC 200-180002/7	4.992563	7.799824	20.0	1846093.0	1.562289	Y
5	ICIS 200-180002/8	9.99806	15.545225	20.0	1857620.0	1.554824	Y
6	IC 200-180002/9	15.003557	22.384089	20.0	1897454.0	1.491919	Y
7	IC 200-180002/13	19.99612	28.226513	20.0	1875650.0	1.4116	Y
8	IC 200-180002/14	39.99224	47.565508	20.0	1974001.0	1.189368	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

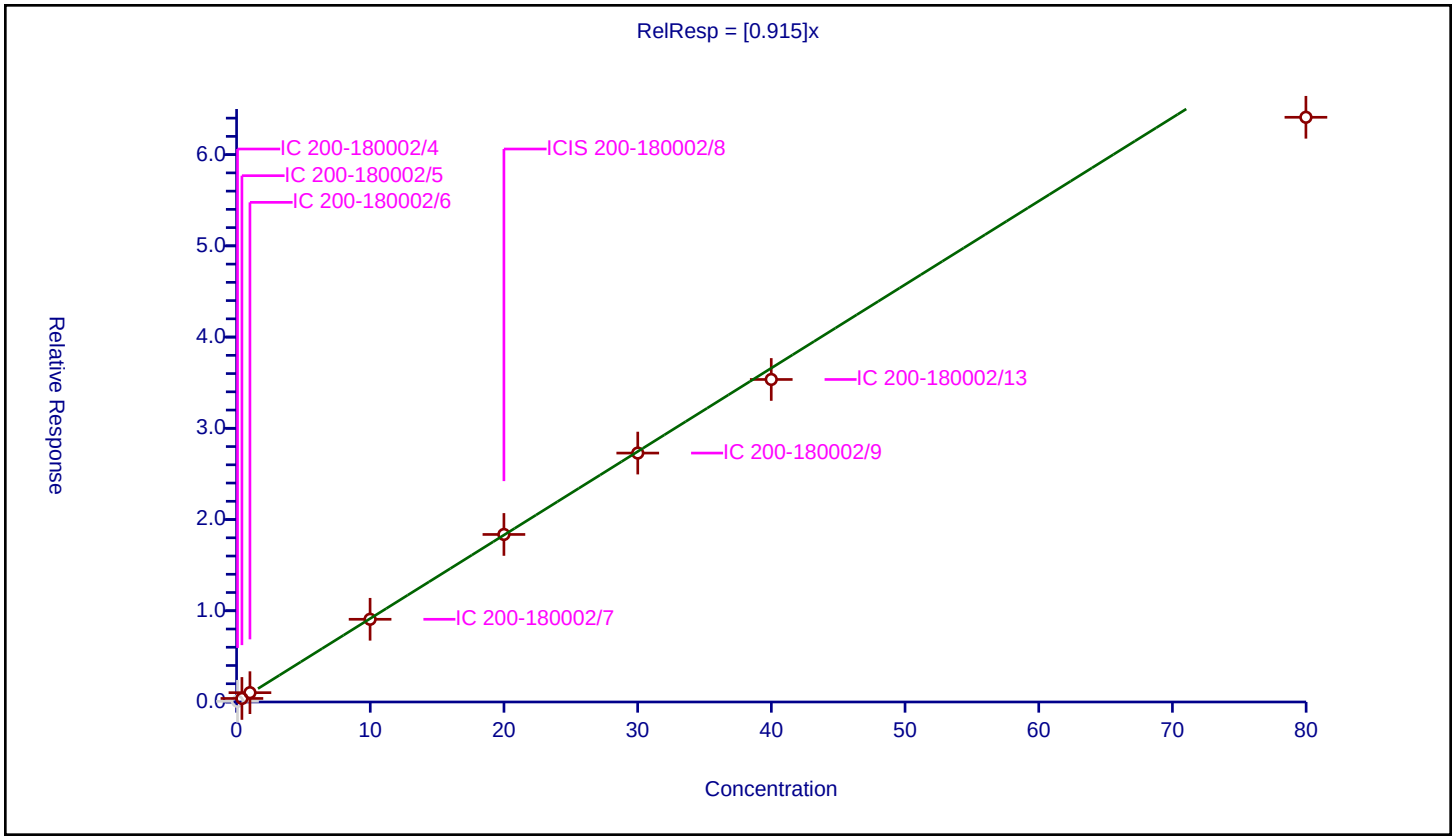
Curve Coefficients

Intercept:	0
Slope:	0.915

Error Coefficients

Standard Error:	3200000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.070154	0.077865	20.0	1822119.0	1.109923	N
2	IC 200-180002/5	0.400879	0.386011	20.0	1814506.0	0.962912	Y
3	IC 200-180002/6	1.000905	1.022477	20.0	1791414.0	1.021553	Y
4	IC 200-180002/7	9.985126	9.064614	20.0	1846093.0	0.907812	Y
5	ICIS 200-180002/8	19.99612	18.364563	20.0	1857620.0	0.918406	Y
6	IC 200-180002/9	30.007114	27.284772	20.0	1897454.0	0.909277	Y
7	IC 200-180002/13	39.99224	35.354144	20.0	1875650.0	0.884025	Y
8	IC 200-180002/14	79.984479	64.094314	20.0	1974001.0	0.801334	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

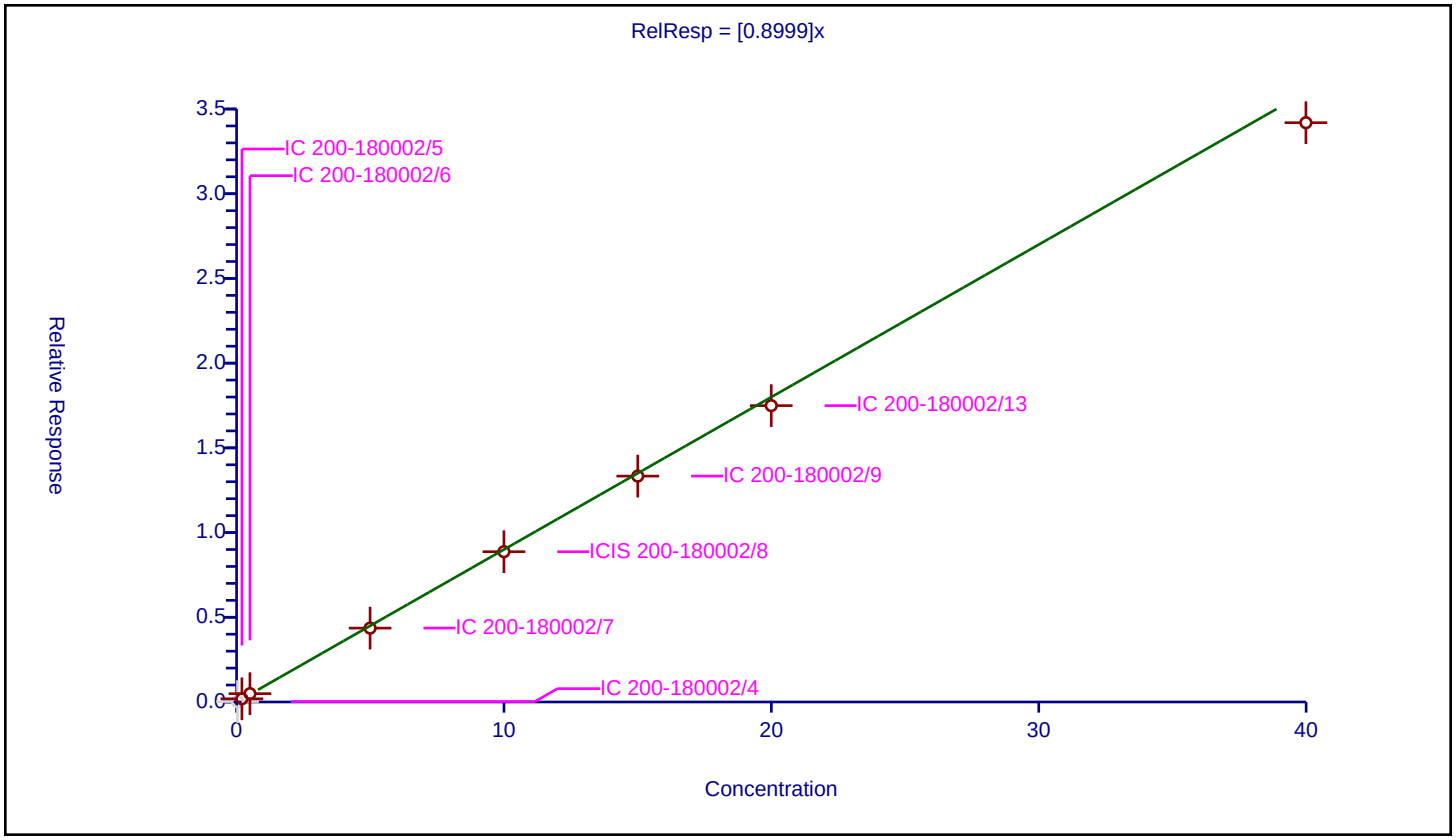
Curve Coefficients

Intercept:	0
Slope:	0.8999

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.024312	20.0	1822119.0	0.693115	N
2	IC 200-180002/5	0.20044	0.188139	20.0	1814506.0	0.938633	Y
3	IC 200-180002/6	0.500453	0.49131	20.0	1791414.0	0.981732	Y
4	IC 200-180002/7	4.992563	4.360604	20.0	1846093.0	0.87342	Y
5	ICIS 200-180002/8	9.99806	8.86978	20.0	1857620.0	0.88715	Y
6	IC 200-180002/9	15.003557	13.331928	20.0	1897454.0	0.888584	Y
7	IC 200-180002/13	19.99612	17.492677	20.0	1875650.0	0.874804	Y
8	IC 200-180002/14	39.99224	34.191958	20.0	1974001.0	0.854965	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

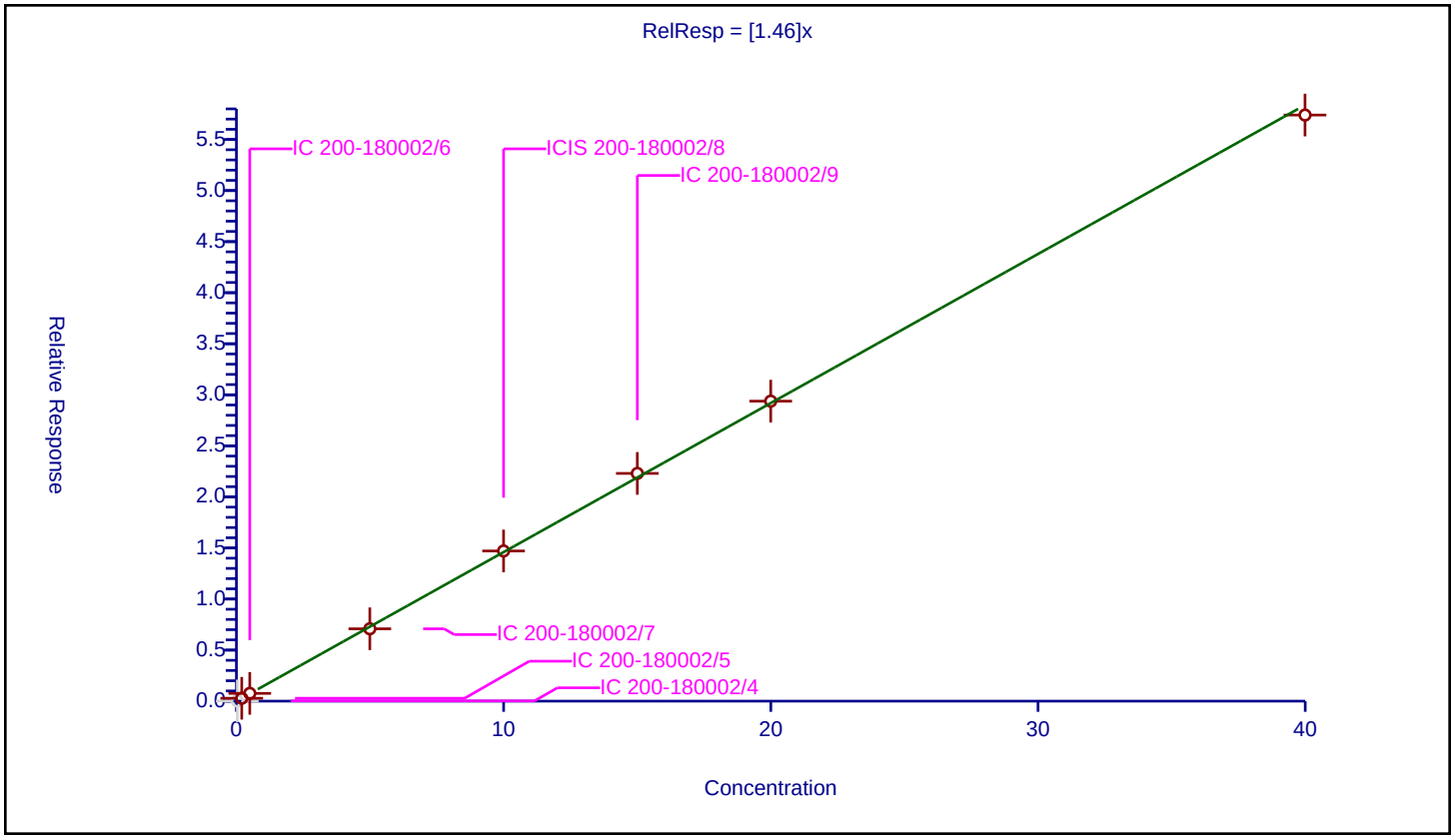
Curve Coefficients

Intercept:	0
Slope:	1.46

Error Coefficients

Standard Error:	2780000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.022545	20.0	1822119.0	0.642735	N
2	IC 200-180002/5	0.20044	0.283835	20.0	1814506.0	1.416061	Y
3	IC 200-180002/6	0.500453	0.760796	20.0	1791414.0	1.520215	Y
4	IC 200-180002/7	4.992563	7.086512	20.0	1846093.0	1.419414	Y
5	ICIS 200-180002/8	9.99806	14.706388	20.0	1857620.0	1.470924	Y
6	IC 200-180002/9	15.003557	22.302759	20.0	1897454.0	1.486498	Y
7	IC 200-180002/13	19.99612	29.37836	20.0	1875650.0	1.469203	Y
8	IC 200-180002/14	39.99224	57.396911	20.0	1974001.0	1.435201	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

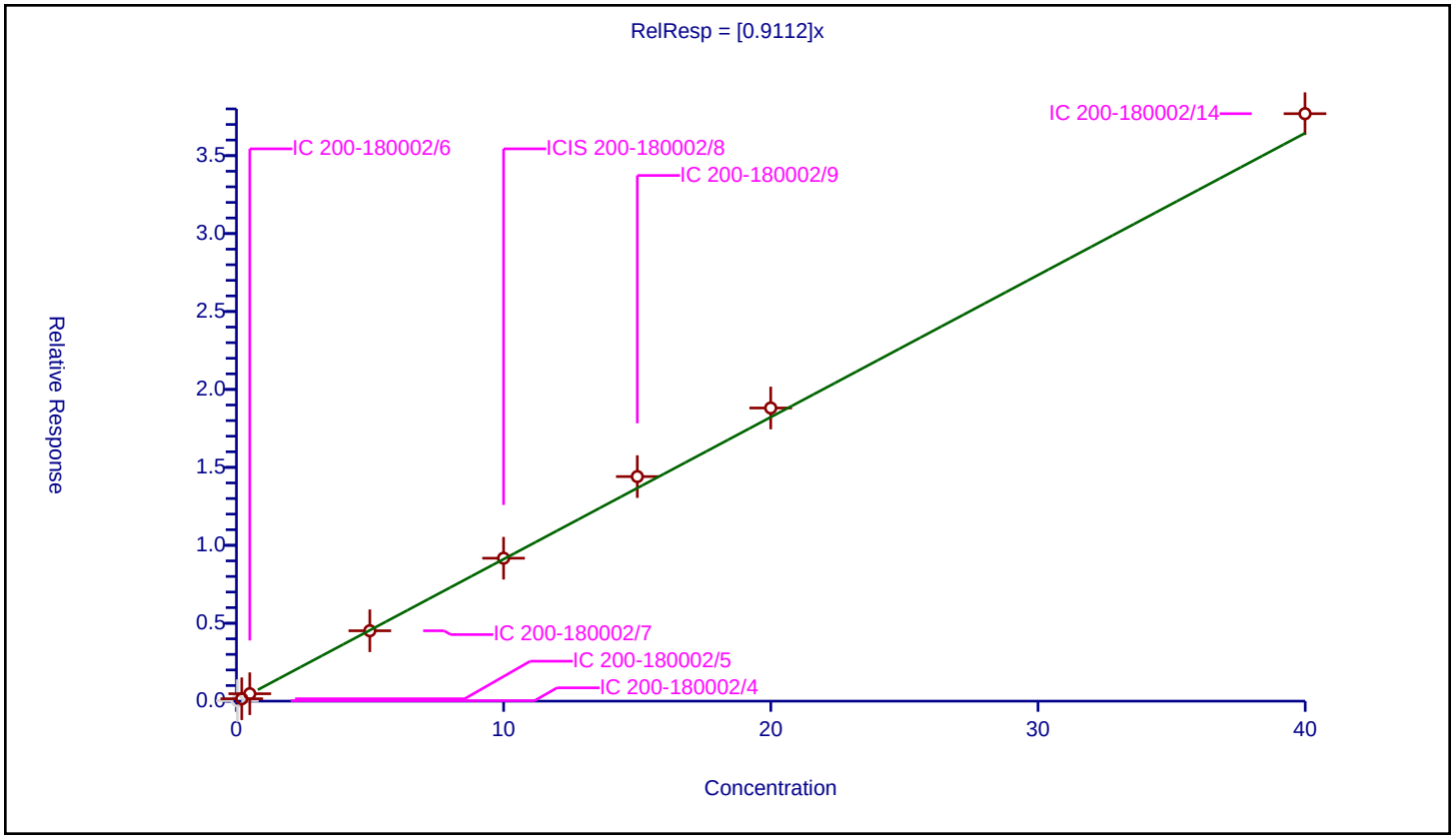
Curve Coefficients

Intercept:	0
Slope:	0.9112

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.02946	20.0	1822119.0	0.839874	N
2	IC 200-180002/5	0.20044	0.152648	20.0	1814506.0	0.761564	Y
3	IC 200-180002/6	0.500453	0.476439	20.0	1791414.0	0.952017	Y
4	IC 200-180002/7	4.992563	4.514962	20.0	1846093.0	0.904338	Y
5	ICIS 200-180002/8	9.99806	9.170024	20.0	1857620.0	0.91718	Y
6	IC 200-180002/9	15.003557	14.408634	20.0	1897454.0	0.960348	Y
7	IC 200-180002/13	19.99612	18.809159	20.0	1875650.0	0.94064	Y
8	IC 200-180002/14	39.99224	37.691713	20.0	1974001.0	0.942476	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

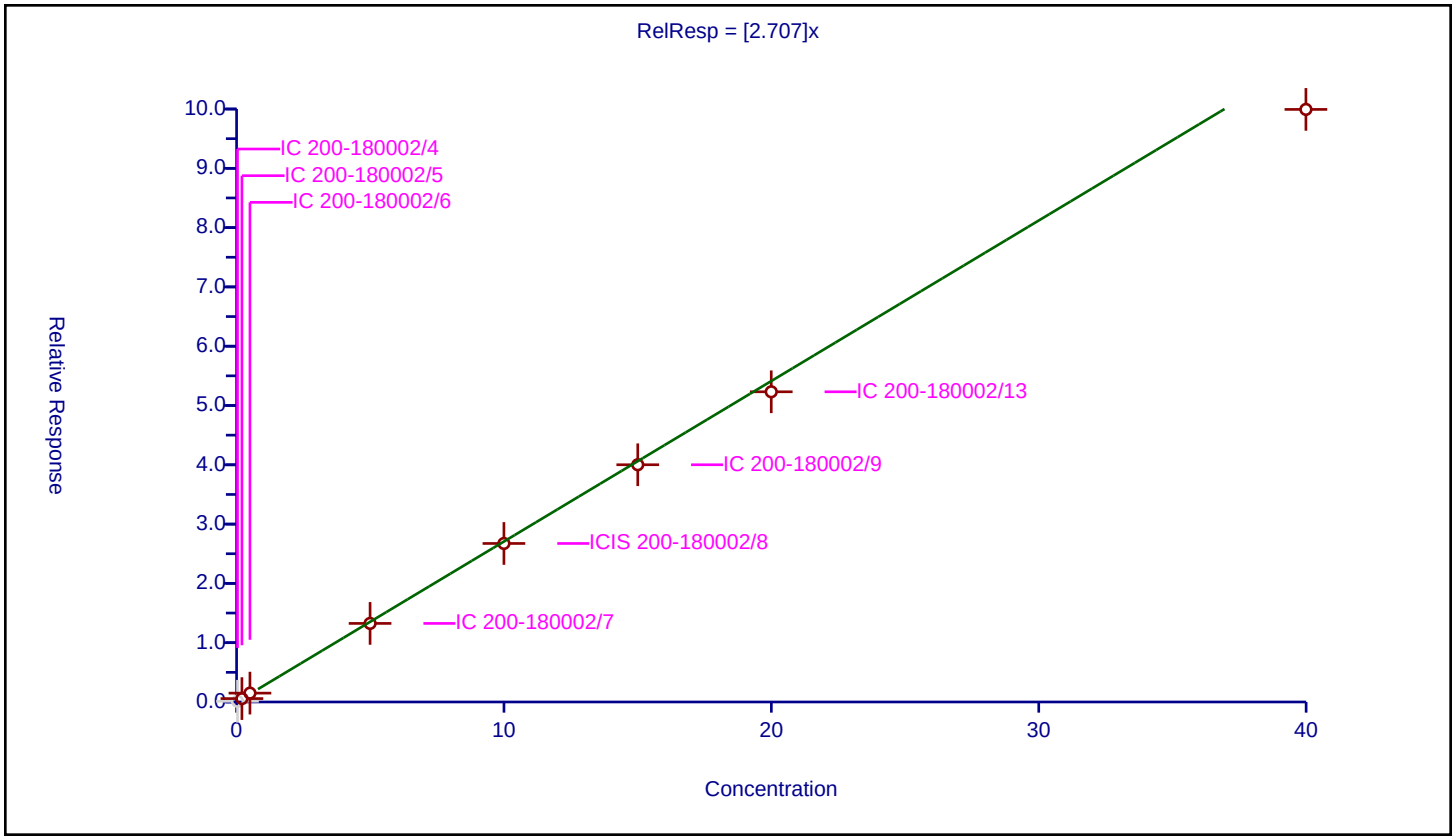
Curve Coefficients

Intercept:	0
Slope:	2.707

Error Coefficients

Standard Error:	4890000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.124888	20.0	1822119.0	3.560389	N
2	IC 200-180002/5	0.20044	0.571373	20.0	1814506.0	2.850599	Y
3	IC 200-180002/6	0.500453	1.49416	20.0	1791414.0	2.985618	Y
4	IC 200-180002/7	4.992563	13.252474	20.0	1846093.0	2.654443	Y
5	ICIS 200-180002/8	9.99806	26.73142	20.0	1857620.0	2.673661	Y
6	IC 200-180002/9	15.003557	40.010498	20.0	1897454.0	2.666734	Y
7	IC 200-180002/13	19.99612	52.310762	20.0	1875650.0	2.616046	Y
8	IC 200-180002/14	39.99224	99.93074	20.0	1974001.0	2.498753	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

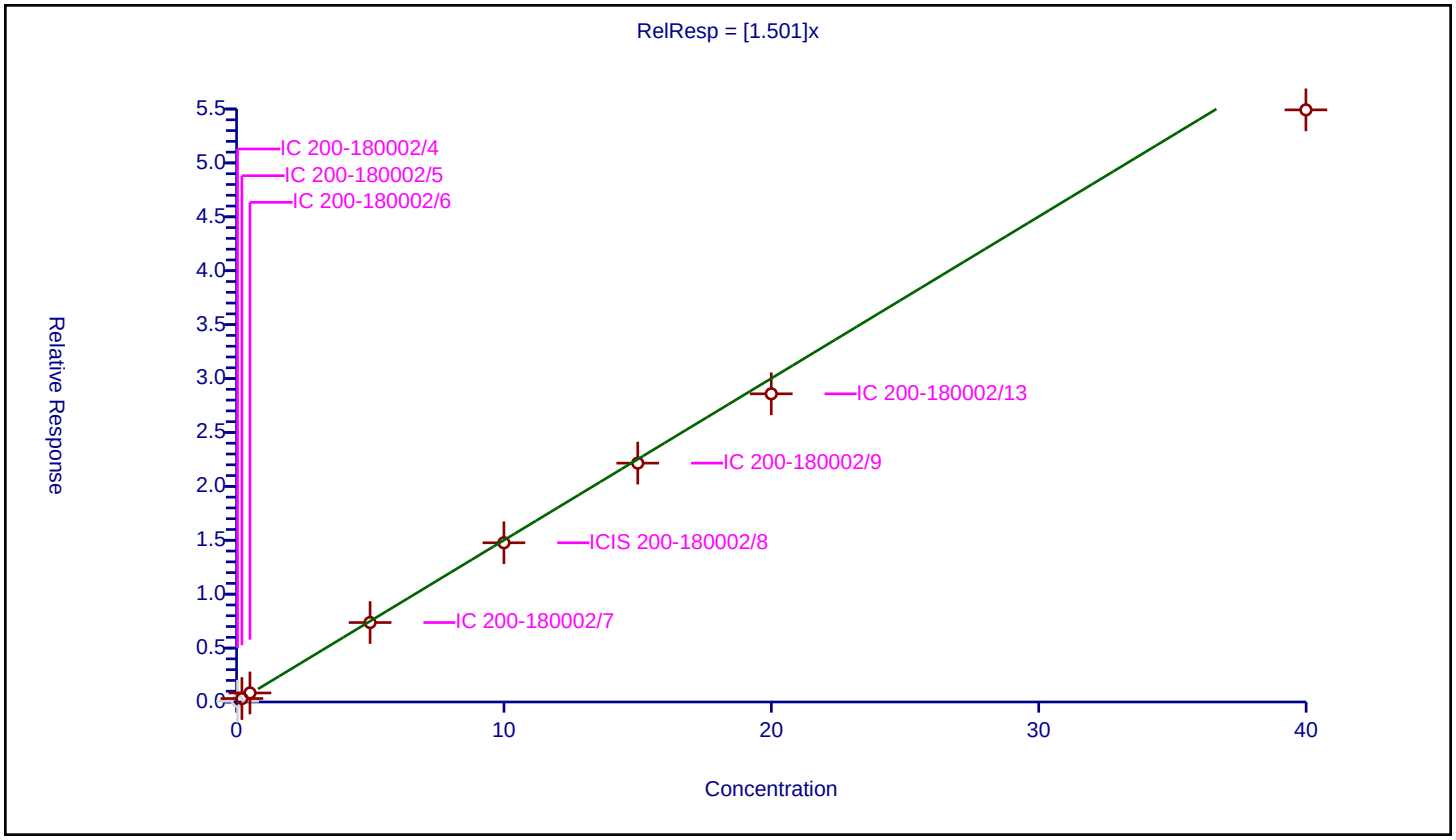
Curve Coefficients

Intercept:	0
Slope:	1.501

Error Coefficients

Standard Error:	2690000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.066977	20.0	1822119.0	1.90943	N
2	IC 200-180002/5	0.20044	0.321189	20.0	1814506.0	1.602424	Y
3	IC 200-180002/6	0.500453	0.836122	20.0	1791414.0	1.670731	Y
4	IC 200-180002/7	4.992563	7.37069	20.0	1846093.0	1.476334	Y
5	ICIS 200-180002/8	9.99806	14.76752	20.0	1857620.0	1.477039	Y
6	IC 200-180002/9	15.003557	22.155889	20.0	1897454.0	1.476709	Y
7	IC 200-180002/13	19.99612	28.583073	20.0	1875650.0	1.429431	Y
8	IC 200-180002/14	39.99224	54.920854	20.0	1974001.0	1.373288	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

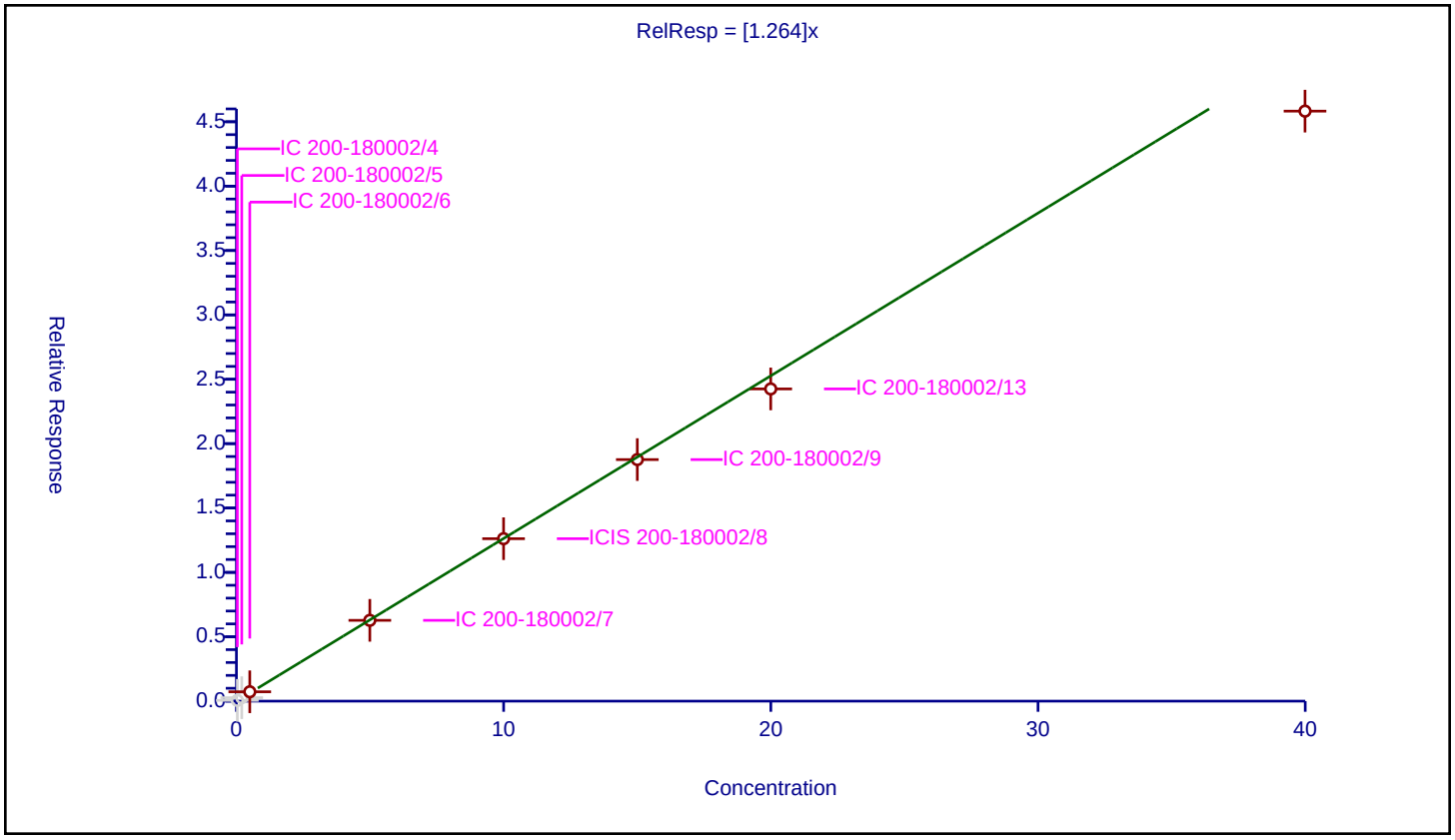
Curve Coefficients

Intercept:	0
Slope:	1.264

Error Coefficients

Standard Error:	2470000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.058855	20.0	1822119.0	1.67787	N
2	IC 200-180002/5	0.20044	0.268878	20.0	1814506.0	1.341439	N
3	IC 200-180002/6	0.500453	0.727303	20.0	1791414.0	1.45329	Y
4	IC 200-180002/7	4.992563	6.275892	20.0	1846093.0	1.257048	Y
5	ICIS 200-180002/8	9.99806	12.617532	20.0	1857620.0	1.261998	Y
6	IC 200-180002/9	15.003557	18.760887	20.0	1897454.0	1.250429	Y
7	IC 200-180002/13	19.99612	24.24898	20.0	1875650.0	1.212684	Y
8	IC 200-180002/14	39.99224	45.826461	20.0	1974001.0	1.145884	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

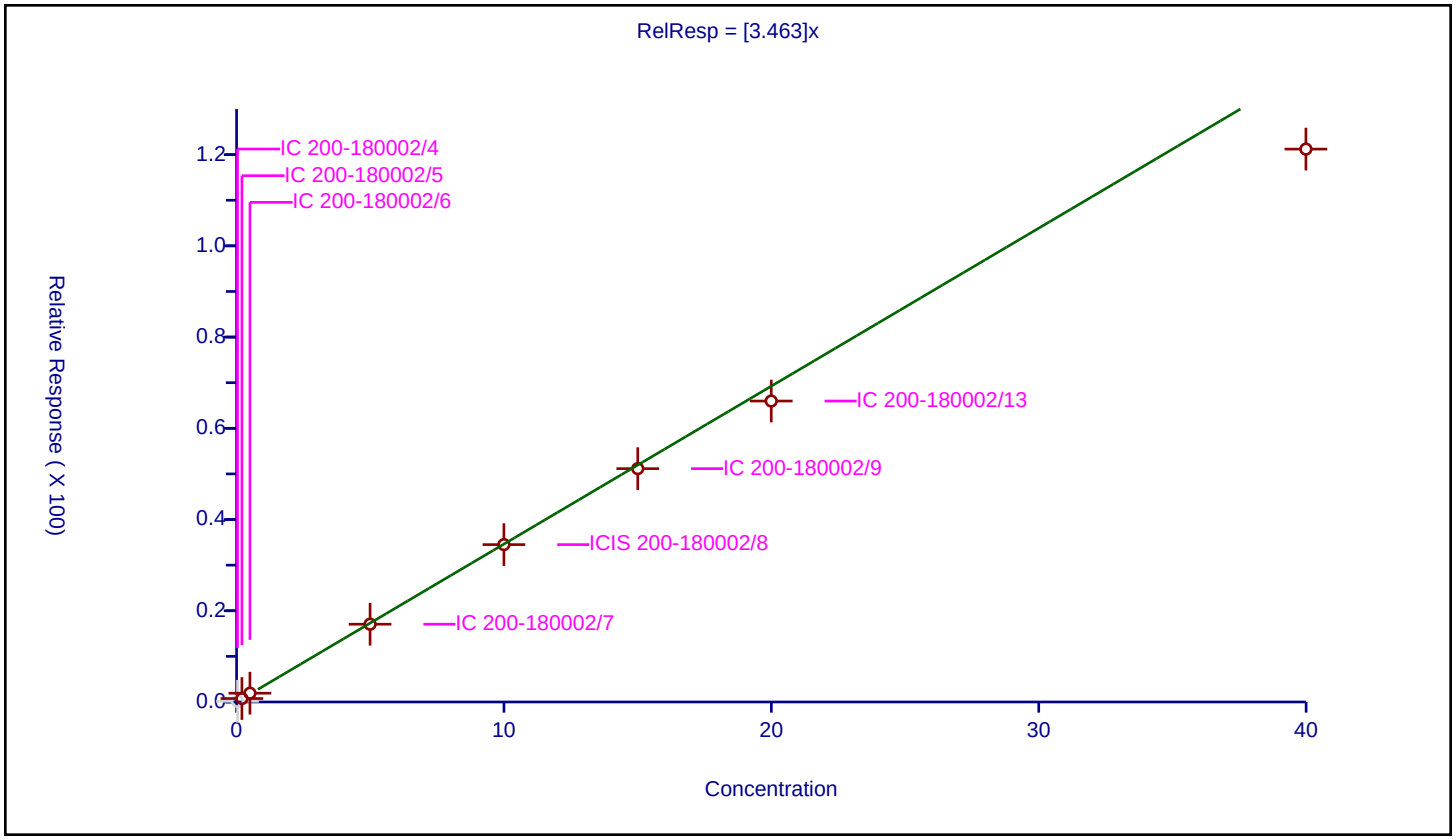
Curve Coefficients

Intercept:	0
Slope:	3.463

Error Coefficients

Standard Error:	6020000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.157202	20.0	1822119.0	4.481622	N
2	IC 200-180002/5	0.20044	0.757275	20.0	1814506.0	3.778069	Y
3	IC 200-180002/6	0.500453	1.928477	20.0	1791414.0	3.853465	Y
4	IC 200-180002/7	4.992563	17.051275	20.0	1846093.0	3.415335	Y
5	ICIS 200-180002/8	9.99806	34.504107	20.0	1857620.0	3.45108	Y
6	IC 200-180002/9	15.003557	51.159396	20.0	1897454.0	3.409818	Y
7	IC 200-180002/13	19.99612	65.976563	20.0	1875650.0	3.299468	Y
8	IC 200-180002/14	39.99224	121.21082	20.0	1974001.0	3.030859	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

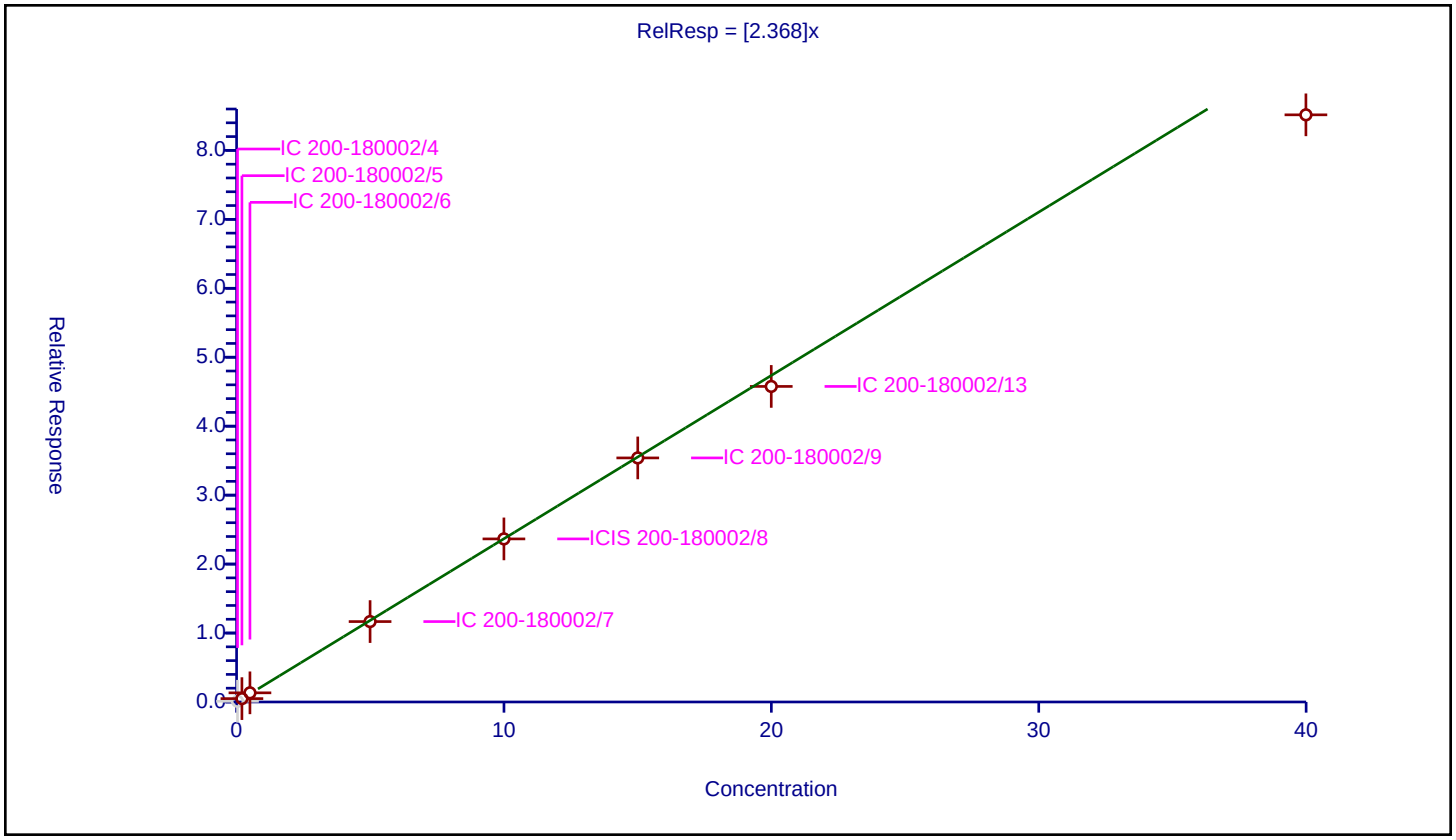
Curve Coefficients

Intercept:	0
Slope:	2.368

Error Coefficients

Standard Error:	4210000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.10468	20.0	1822119.0	2.984306	N
2	IC 200-180002/5	0.20044	0.489929	20.0	1814506.0	2.444274	Y
3	IC 200-180002/6	0.500453	1.327979	20.0	1791414.0	2.653556	Y
4	IC 200-180002/7	4.992563	11.662793	20.0	1846093.0	2.336033	Y
5	ICIS 200-180002/8	9.99806	23.652932	20.0	1857620.0	2.365752	Y
6	IC 200-180002/9	15.003557	35.398444	20.0	1897454.0	2.359337	Y
7	IC 200-180002/13	19.99612	45.765436	20.0	1875650.0	2.288716	Y
8	IC 200-180002/14	39.99224	85.15636	20.0	1974001.0	2.129322	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

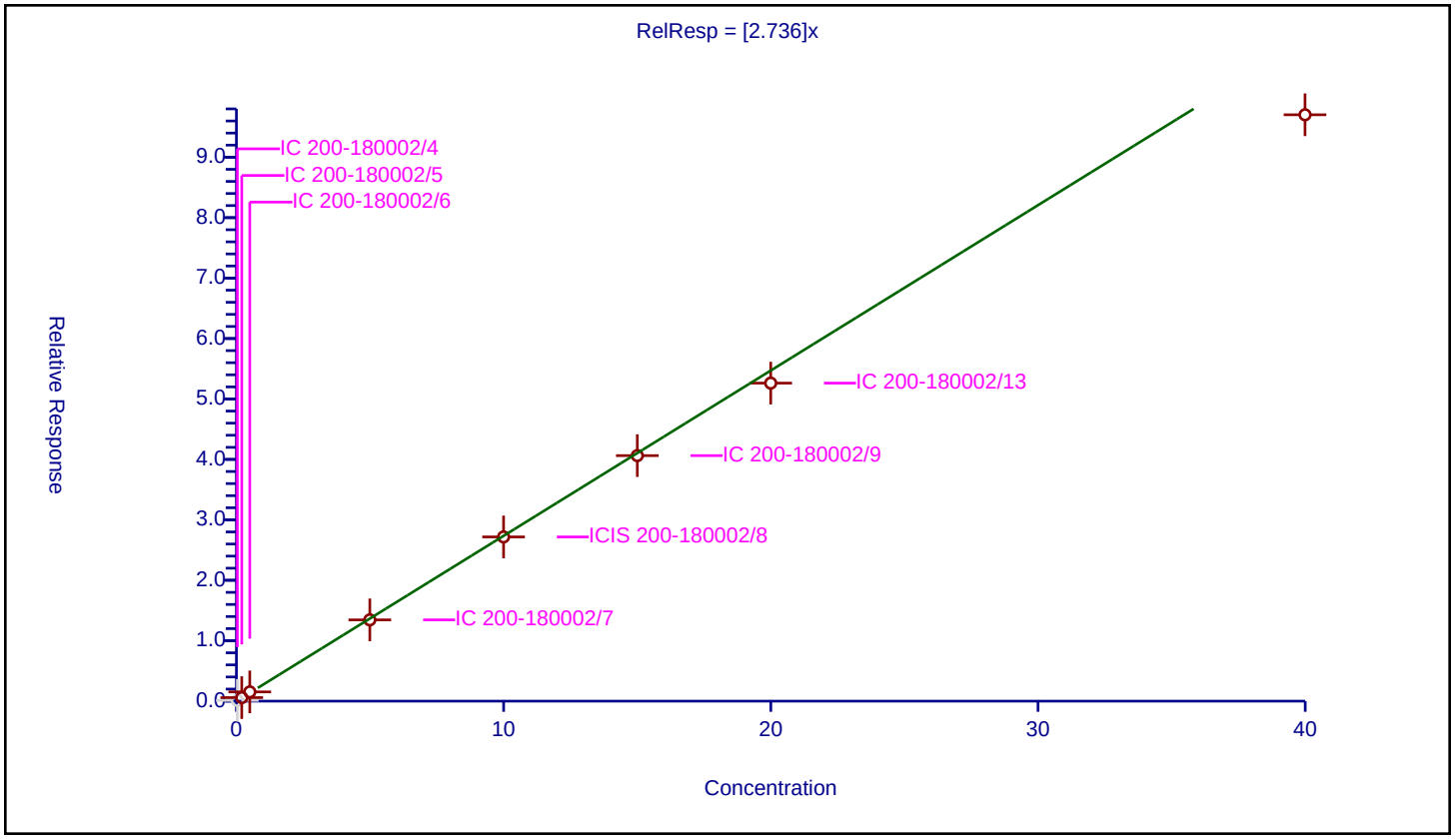
Curve Coefficients

Intercept:	0
Slope:	2.736

Error Coefficients

Standard Error:	4810000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.126633	20.0	1822119.0	3.610143	N
2	IC 200-180002/5	0.20044	0.583509	20.0	1814506.0	2.911144	Y
3	IC 200-180002/6	0.500453	1.531974	20.0	1791414.0	3.061177	Y
4	IC 200-180002/7	4.992563	13.449192	20.0	1846093.0	2.693845	Y
5	ICIS 200-180002/8	9.99806	27.171521	20.0	1857620.0	2.717679	Y
6	IC 200-180002/9	15.003557	40.626998	20.0	1897454.0	2.707824	Y
7	IC 200-180002/13	19.99612	52.623315	20.0	1875650.0	2.631676	Y
8	IC 200-180002/14	39.99224	97.023973	20.0	1974001.0	2.42607	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

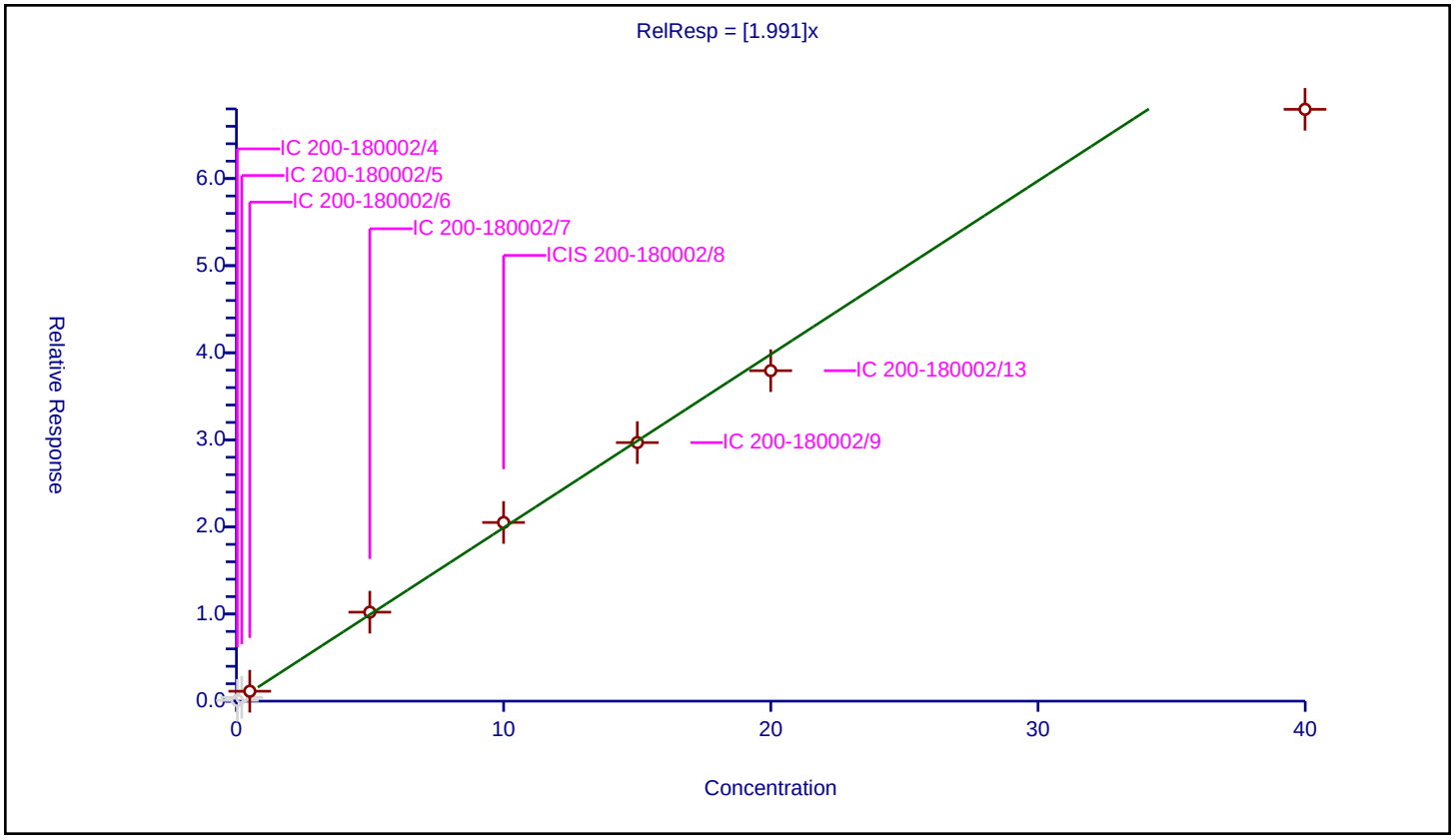
Curve Coefficients

Intercept:	0
Slope:	1.991

Error Coefficients

Standard Error:	3740000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.085472	20.0	1822119.0	2.436698	N
2	IC 200-180002/5	0.20044	0.426033	20.0	1814506.0	2.125494	N
3	IC 200-180002/6	0.500453	1.137906	20.0	1791414.0	2.273753	Y
4	IC 200-180002/7	4.992563	10.214892	20.0	1846093.0	2.046022	Y
5	ICIS 200-180002/8	9.99806	20.515735	20.0	1857620.0	2.051972	Y
6	IC 200-180002/9	15.003557	29.684598	20.0	1897454.0	1.978504	Y
7	IC 200-180002/13	19.99612	37.943401	20.0	1875650.0	1.897538	Y
8	IC 200-180002/14	39.99224	67.952286	20.0	1974001.0	1.699137	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

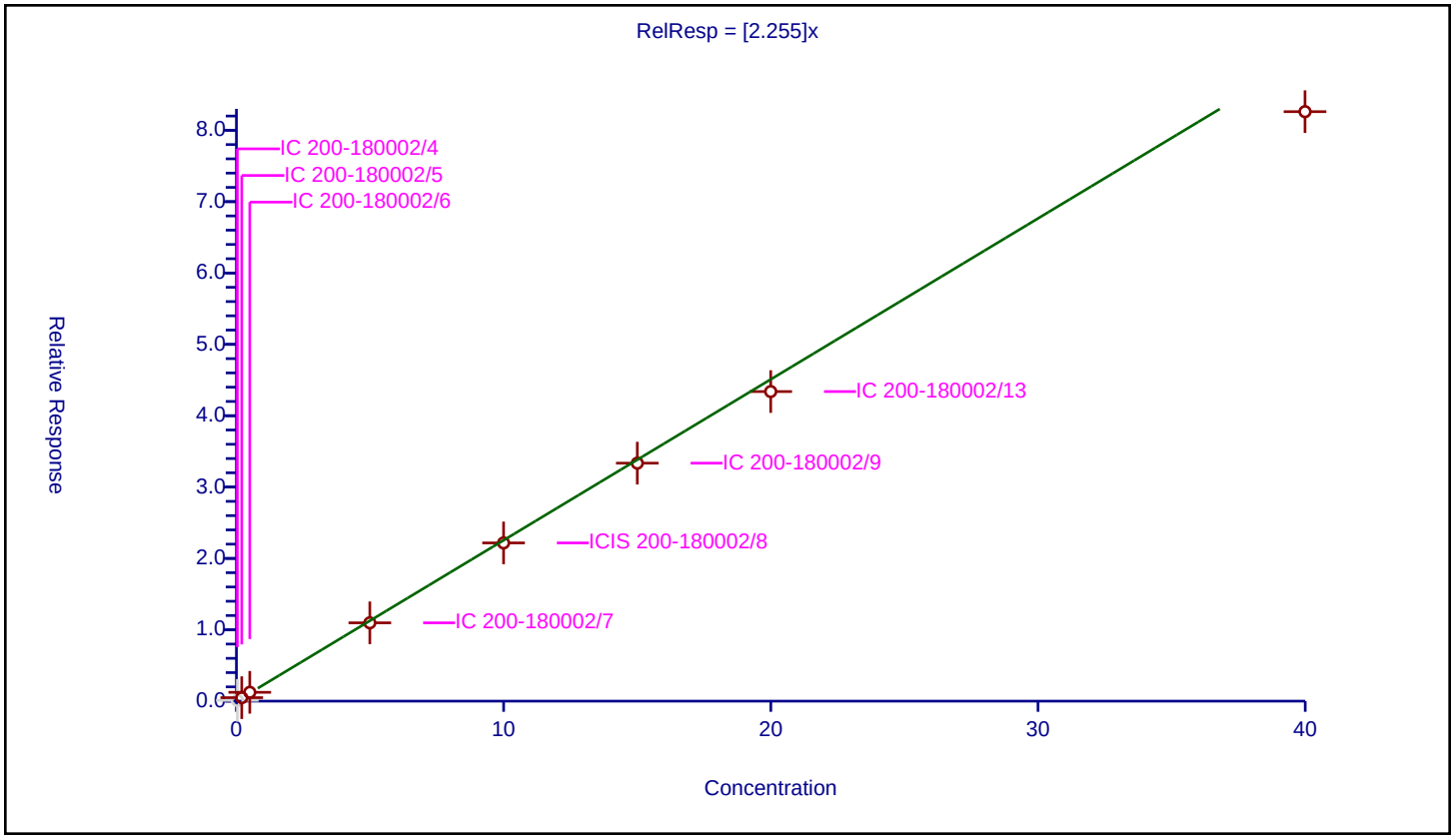
Curve Coefficients

Intercept:	0
Slope:	2.255

Error Coefficients

Standard Error:	4050000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.107567	20.0	1822119.0	3.066603	N
2	IC 200-180002/5	0.20044	0.488133	20.0	1814506.0	2.435311	Y
3	IC 200-180002/6	0.500453	1.238764	20.0	1791414.0	2.475288	Y
4	IC 200-180002/7	4.992563	10.975828	20.0	1846093.0	2.198436	Y
5	ICIS 200-180002/8	9.99806	22.171833	20.0	1857620.0	2.217614	Y
6	IC 200-180002/9	15.003557	33.352218	20.0	1897454.0	2.222954	Y
7	IC 200-180002/13	19.99612	43.385834	20.0	1875650.0	2.169713	Y
8	IC 200-180002/14	39.99224	82.612076	20.0	1974001.0	2.065703	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

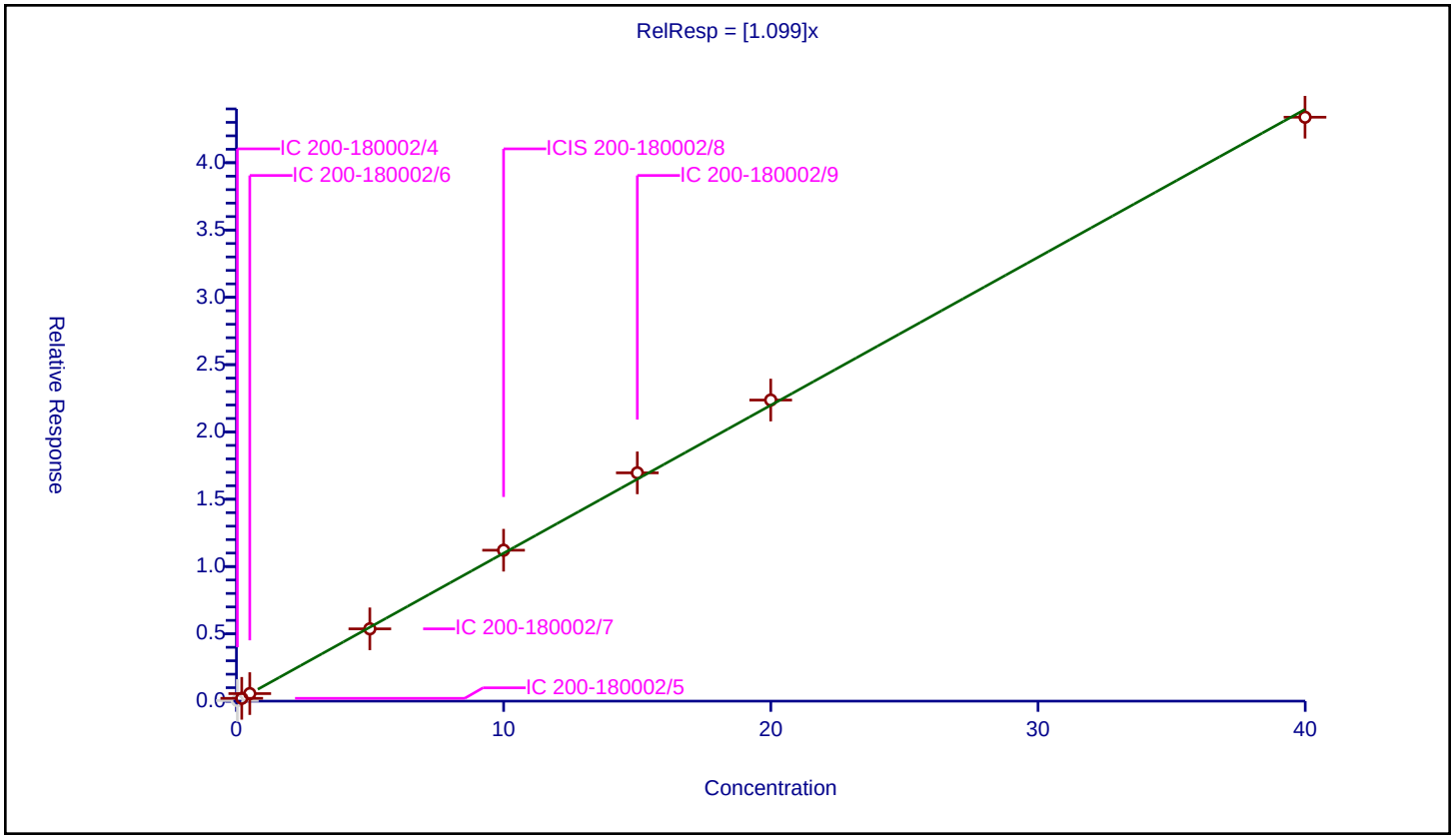
Curve Coefficients

Intercept:	0
Slope:	1.099

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.044157	20.0	1822119.0	1.258872	N
2	IC 200-180002/5	0.20044	0.209093	20.0	1814506.0	1.04317	Y
3	IC 200-180002/6	0.500453	0.560775	20.0	1791414.0	1.120536	Y
4	IC 200-180002/7	4.992563	5.370878	20.0	1846093.0	1.075776	Y
5	ICIS 200-180002/8	9.99806	11.211529	20.0	1857620.0	1.12137	Y
6	IC 200-180002/9	15.003557	16.960748	20.0	1897454.0	1.130449	Y
7	IC 200-180002/13	19.99612	22.368598	20.0	1875650.0	1.118647	Y
8	IC 200-180002/14	39.99224	43.382308	20.0	1974001.0	1.084768	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

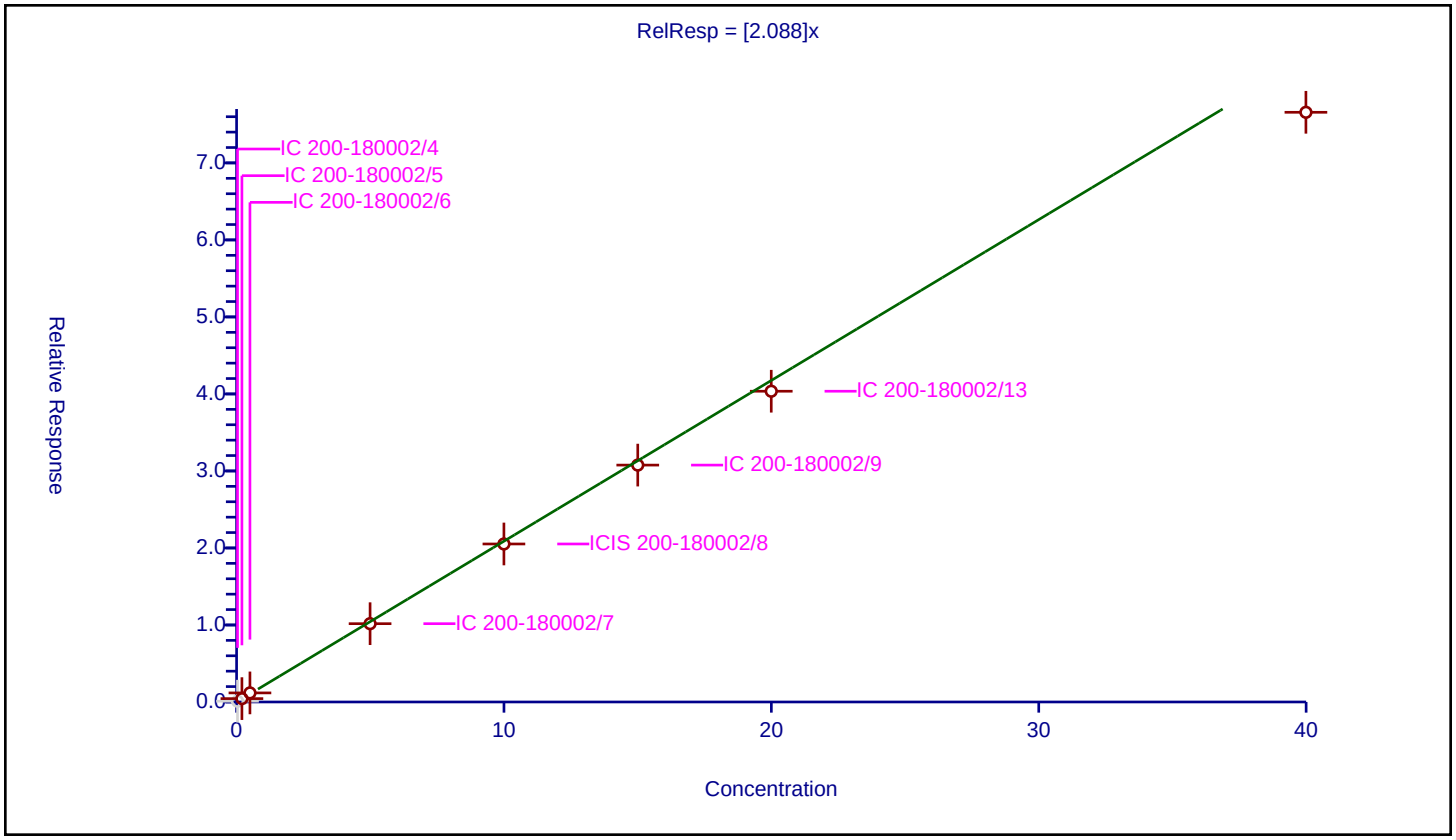
Curve Coefficients

Intercept:	0
Slope:	2.088

Error Coefficients

Standard Error:	3750000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.104603	20.0	1822119.0	2.982115	N
2	IC 200-180002/5	0.20044	0.437871	20.0	1814506.0	2.184554	Y
3	IC 200-180002/6	0.500453	1.180598	20.0	1791414.0	2.359061	Y
4	IC 200-180002/7	4.992563	10.166714	20.0	1846093.0	2.036372	Y
5	ICIS 200-180002/8	9.99806	20.519503	20.0	1857620.0	2.052349	Y
6	IC 200-180002/9	15.003557	30.760198	20.0	1897454.0	2.050194	Y
7	IC 200-180002/13	19.99612	40.352475	20.0	1875650.0	2.018015	Y
8	IC 200-180002/14	39.99224	76.573376	20.0	1974001.0	1.914706	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

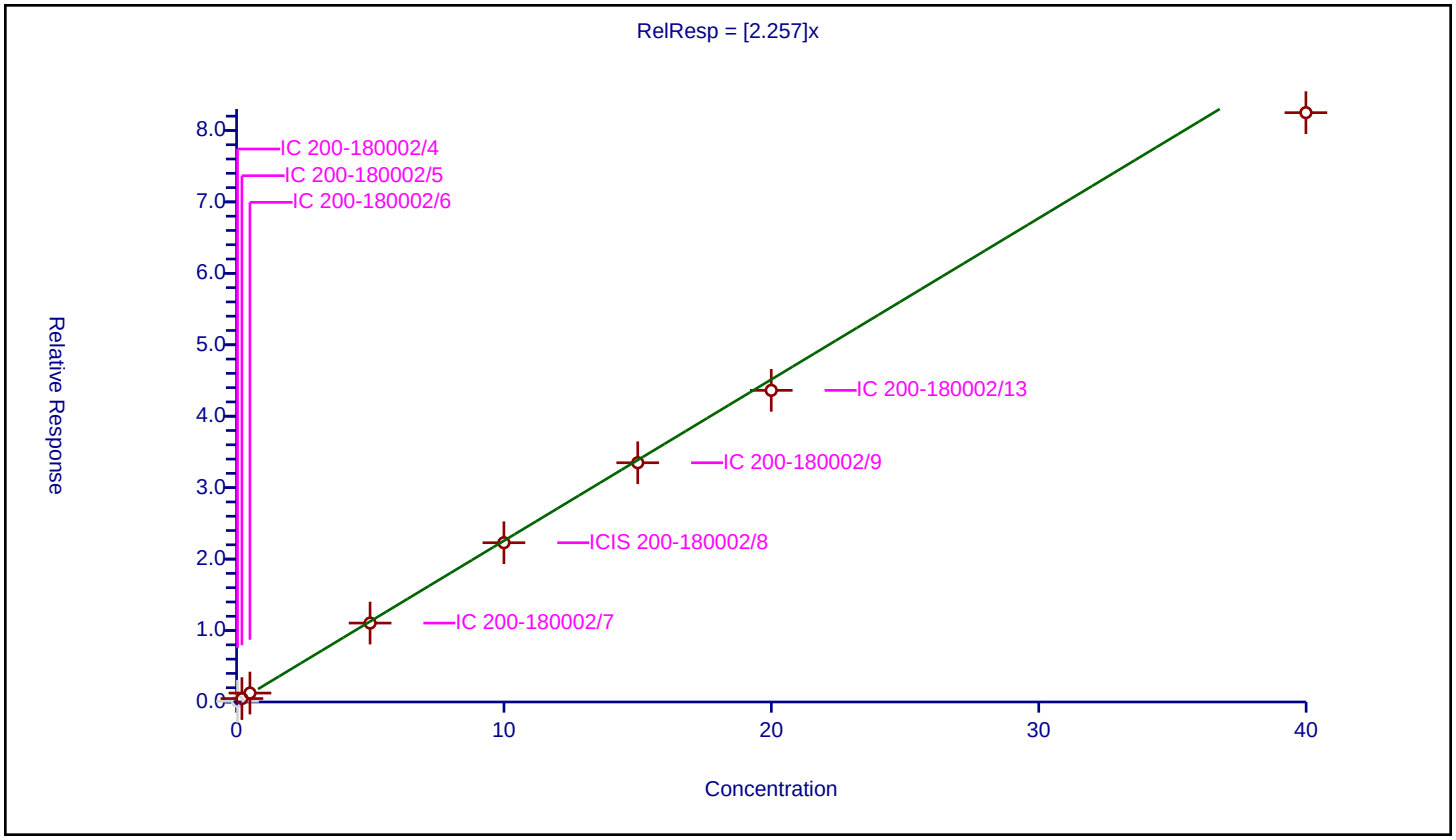
Curve Coefficients

Intercept:	0
Slope:	2.257

Error Coefficients

Standard Error:	4050000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.103396	20.0	1822119.0	2.947694	N
2	IC 200-180002/5	0.20044	0.4784	20.0	1814506.0	2.386754	Y
3	IC 200-180002/6	0.500453	1.248902	20.0	1791414.0	2.495545	Y
4	IC 200-180002/7	4.992563	11.046442	20.0	1846093.0	2.21258	Y
5	ICIS 200-180002/8	9.99806	22.293731	20.0	1857620.0	2.229806	Y
6	IC 200-180002/9	15.003557	33.488127	20.0	1897454.0	2.232013	Y
7	IC 200-180002/13	19.99612	43.620281	20.0	1875650.0	2.181437	Y
8	IC 200-180002/14	39.99224	82.489381	20.0	1974001.0	2.062635	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

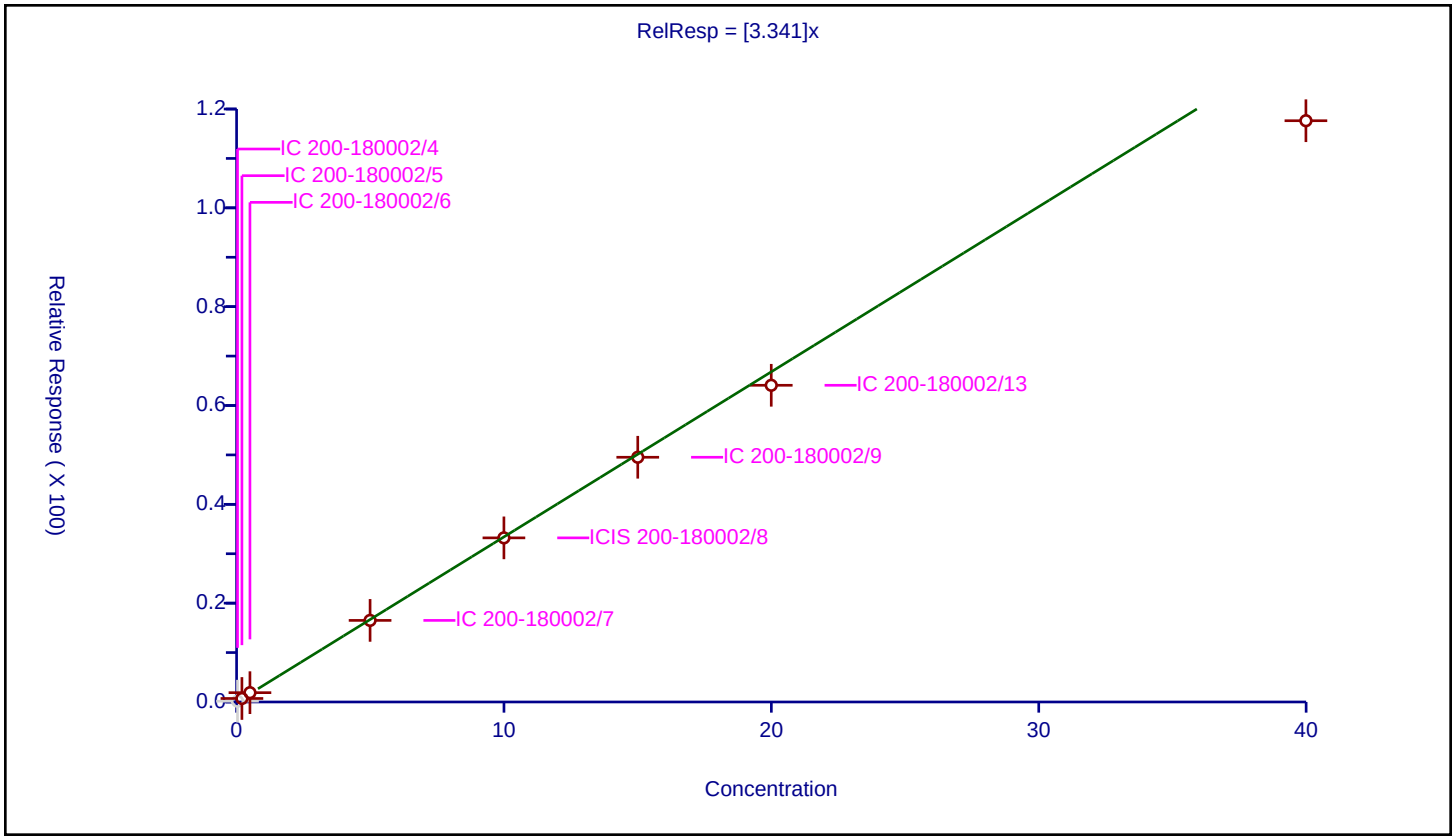
Curve Coefficients

Intercept:	0
Slope:	3.341

Error Coefficients

Standard Error:	5840000
Relative Standard Error:	7.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.165609	20.0	1822119.0	4.721318	N
2	IC 200-180002/5	0.20044	0.71107	20.0	1814506.0	3.547549	Y
3	IC 200-180002/6	0.500453	1.884221	20.0	1791414.0	3.765034	Y
4	IC 200-180002/7	4.992563	16.513068	20.0	1846093.0	3.307533	Y
5	ICIS 200-180002/8	9.99806	33.210614	20.0	1857620.0	3.321706	Y
6	IC 200-180002/9	15.003557	49.528105	20.0	1897454.0	3.301091	Y
7	IC 200-180002/13	19.99612	64.090305	20.0	1875650.0	3.205137	Y
8	IC 200-180002/14	39.99224	117.629484	20.0	1974001.0	2.941308	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

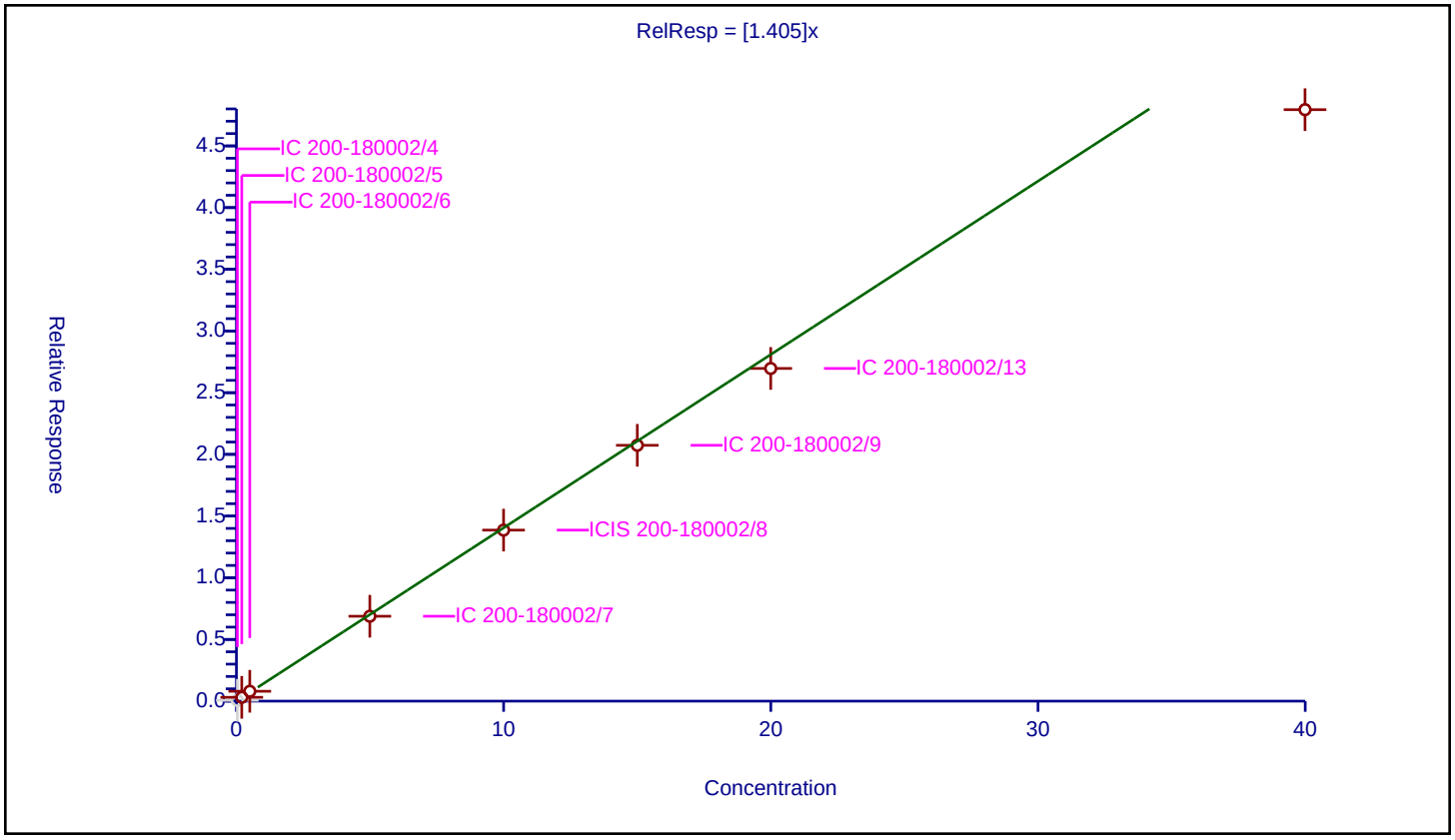
Curve Coefficients

Intercept:	0
Slope:	1.405

Error Coefficients

Standard Error:	2410000
Relative Standard Error:	9.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.066296	20.0	1822119.0	1.890029	N
2	IC 200-180002/5	0.20044	0.309252	20.0	1814506.0	1.542869	Y
3	IC 200-180002/6	0.500453	0.799145	20.0	1791414.0	1.596845	Y
4	IC 200-180002/7	4.992563	6.880769	20.0	1846093.0	1.378204	Y
5	ICIS 200-180002/8	9.99806	13.860488	20.0	1857620.0	1.386318	Y
6	IC 200-180002/9	15.003557	20.734827	20.0	1897454.0	1.381994	Y
7	IC 200-180002/13	19.99612	26.963229	20.0	1875650.0	1.348423	Y
8	IC 200-180002/14	39.99224	47.938213	20.0	1974001.0	1.198688	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

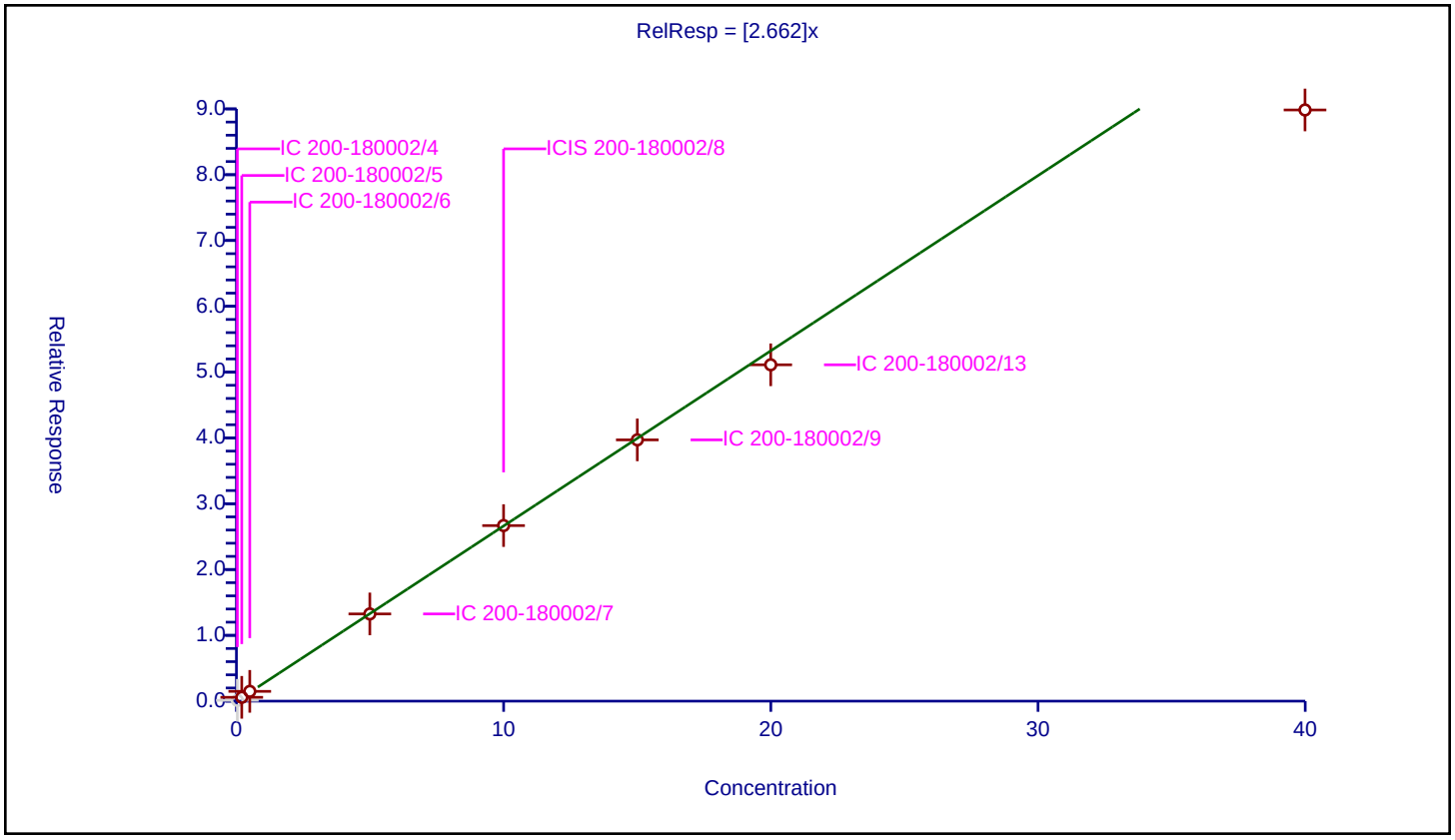
Curve Coefficients

Intercept:	0
Slope:	2.662

Error Coefficients

Standard Error:	4540000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.125327	20.0	1822119.0	3.572906	N
2	IC 200-180002/5	0.20044	0.578979	20.0	1814506.0	2.888543	Y
3	IC 200-180002/6	0.500453	1.488679	20.0	1791414.0	2.974665	Y
4	IC 200-180002/7	4.992563	13.251456	20.0	1846093.0	2.654239	Y
5	ICIS 200-180002/8	9.99806	26.679762	20.0	1857620.0	2.668494	Y
6	IC 200-180002/9	15.003557	39.703044	20.0	1897454.0	2.646242	Y
7	IC 200-180002/13	19.99612	51.113406	20.0	1875650.0	2.556166	Y
8	IC 200-180002/14	39.99224	89.839975	20.0	1974001.0	2.246435	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

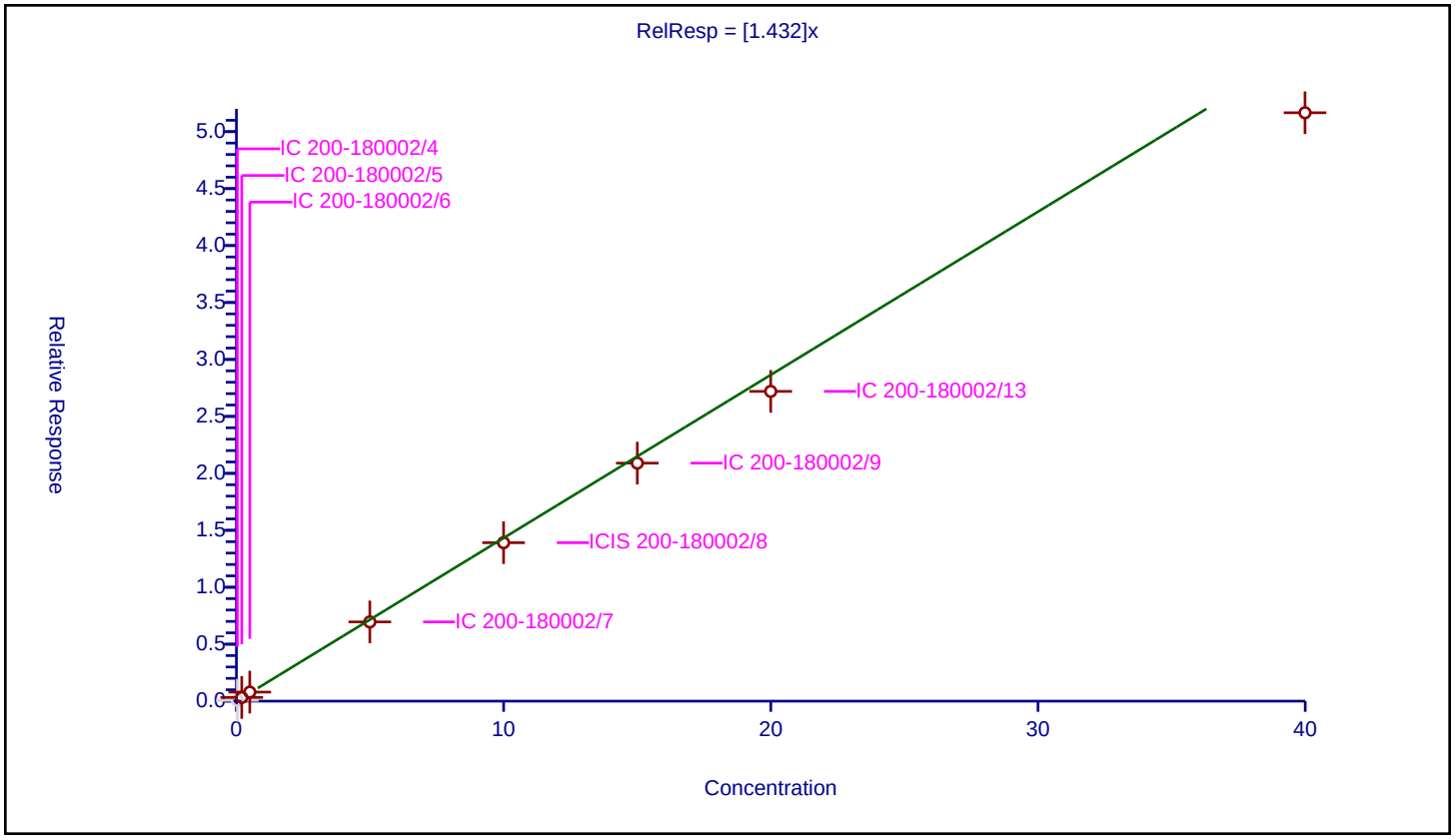
Curve Coefficients

Intercept:	0
Slope:	1.432

Error Coefficients

Standard Error:	2530000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.070259	20.0	1822119.0	2.002993	N
2	IC 200-180002/5	0.20044	0.322721	20.0	1814506.0	1.610068	Y
3	IC 200-180002/6	0.500453	0.794613	20.0	1791414.0	1.587788	Y
4	IC 200-180002/7	4.992563	6.95589	20.0	1846093.0	1.39325	Y
5	ICIS 200-180002/8	9.99806	13.911543	20.0	1857620.0	1.391424	Y
6	IC 200-180002/9	15.003557	20.898267	20.0	1897454.0	1.392888	Y
7	IC 200-180002/13	19.99612	27.197345	20.0	1875650.0	1.360131	Y
8	IC 200-180002/14	39.99224	51.659791	20.0	1974001.0	1.291745	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

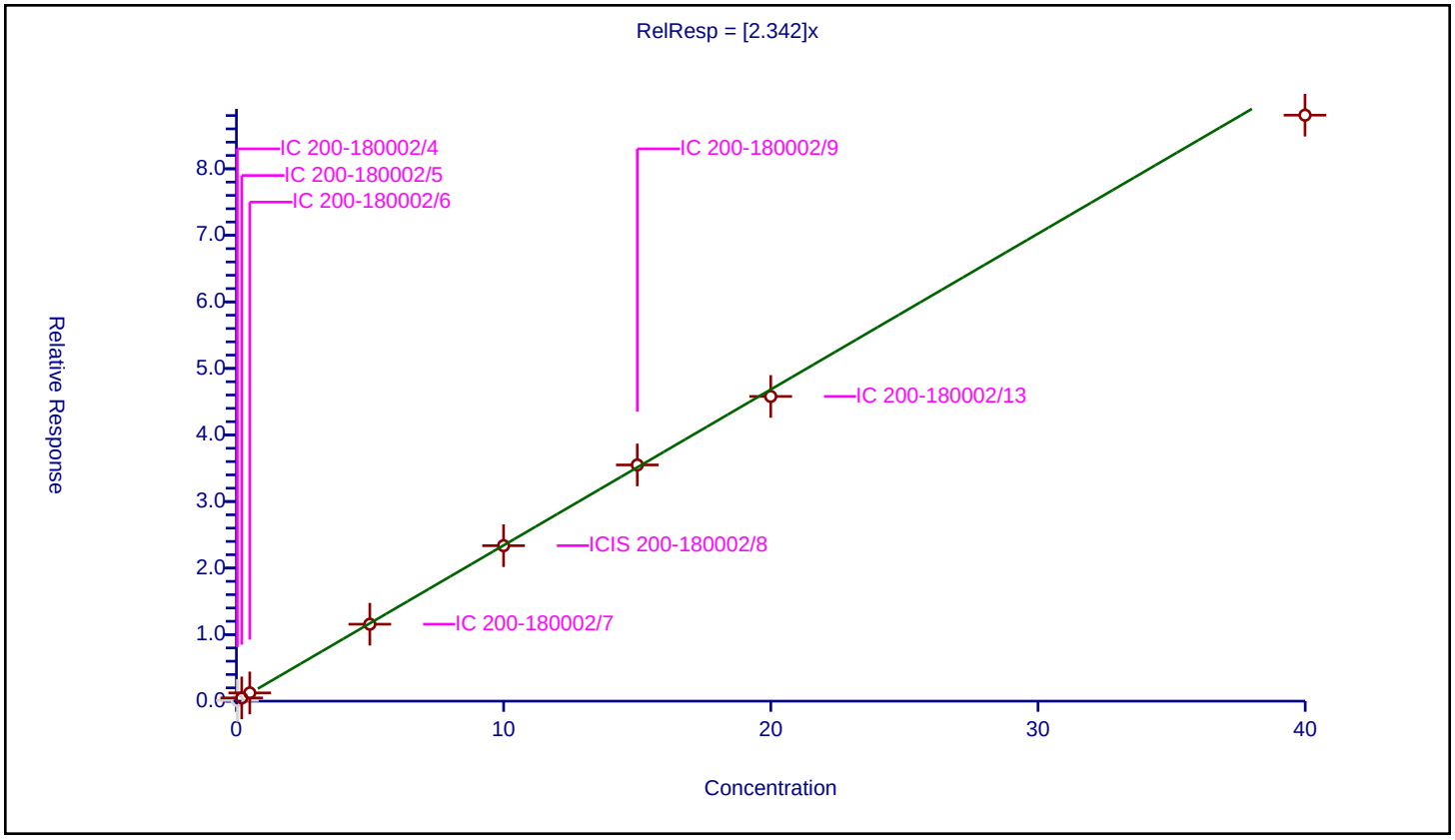
Curve Coefficients

Intercept:	0
Slope:	2.342

Error Coefficients

Standard Error:	4300000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.105547	20.0	1822119.0	3.009026	N
2	IC 200-180002/5	0.20044	0.482027	20.0	1814506.0	2.404846	Y
3	IC 200-180002/6	0.500453	1.239669	20.0	1791414.0	2.477095	Y
4	IC 200-180002/7	4.992563	11.562538	20.0	1846093.0	2.315952	Y
5	ICIS 200-180002/8	9.99806	23.361064	20.0	1857620.0	2.33656	Y
6	IC 200-180002/9	15.003557	35.497114	20.0	1897454.0	2.365913	Y
7	IC 200-180002/13	19.99612	45.787818	20.0	1875650.0	2.289835	Y
8	IC 200-180002/14	39.99224	88.055751	20.0	1974001.0	2.201821	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

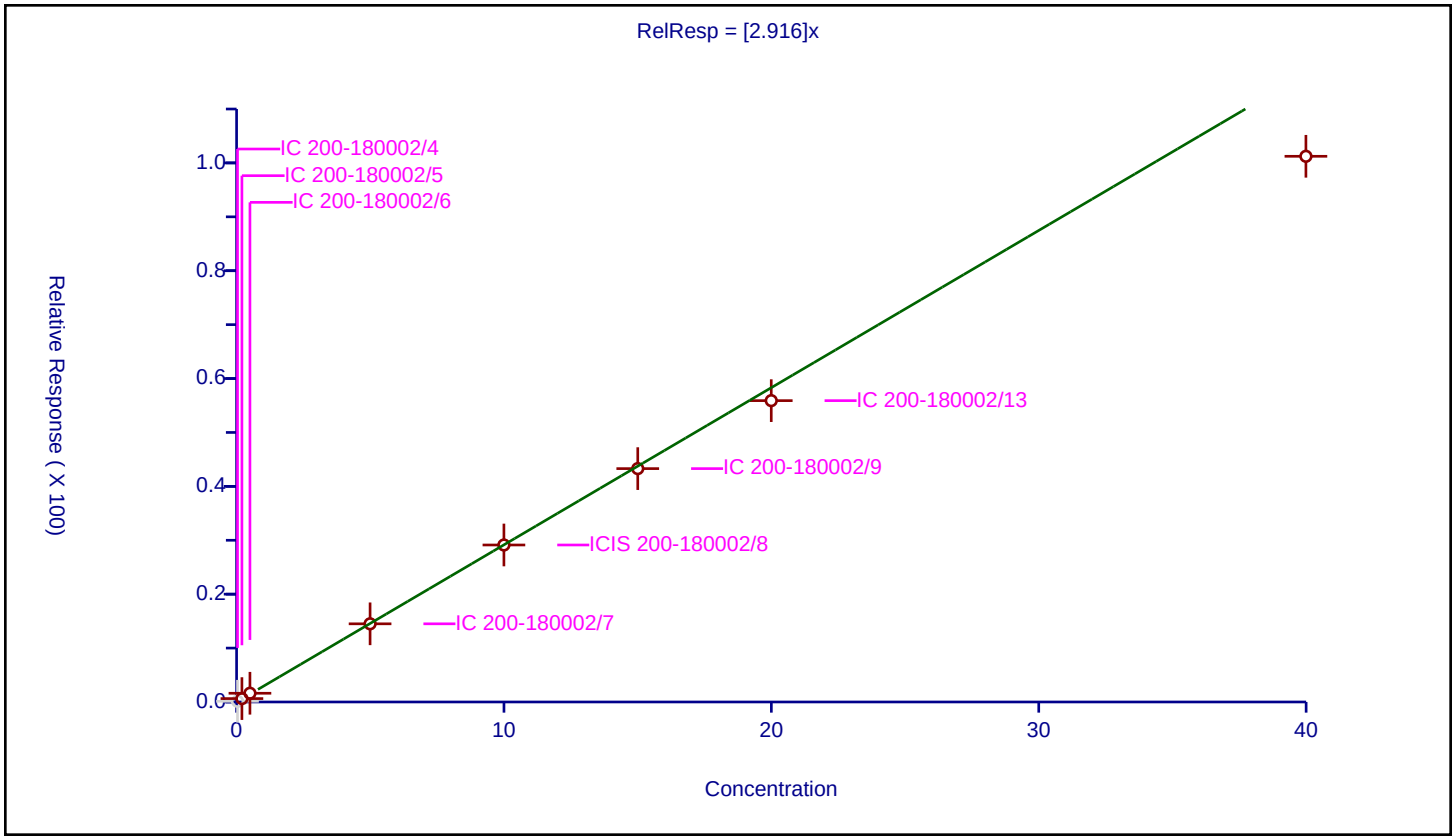
Curve Coefficients

Intercept:	0
Slope:	2.916

Error Coefficients

Standard Error:	5050000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.137455	20.0	1822119.0	3.918681	N
2	IC 200-180002/5	0.20044	0.629042	20.0	1814506.0	3.13831	Y
3	IC 200-180002/6	0.500453	1.621937	20.0	1791414.0	3.24094	Y
4	IC 200-180002/7	4.992563	14.503852	20.0	1846093.0	2.905092	Y
5	ICIS 200-180002/8	9.99806	29.123061	20.0	1857620.0	2.912871	Y
6	IC 200-180002/9	15.003557	43.291358	20.0	1897454.0	2.885406	Y
7	IC 200-180002/13	19.99612	55.900461	20.0	1875650.0	2.795565	Y
8	IC 200-180002/14	39.99224	101.229625	20.0	1974001.0	2.531232	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

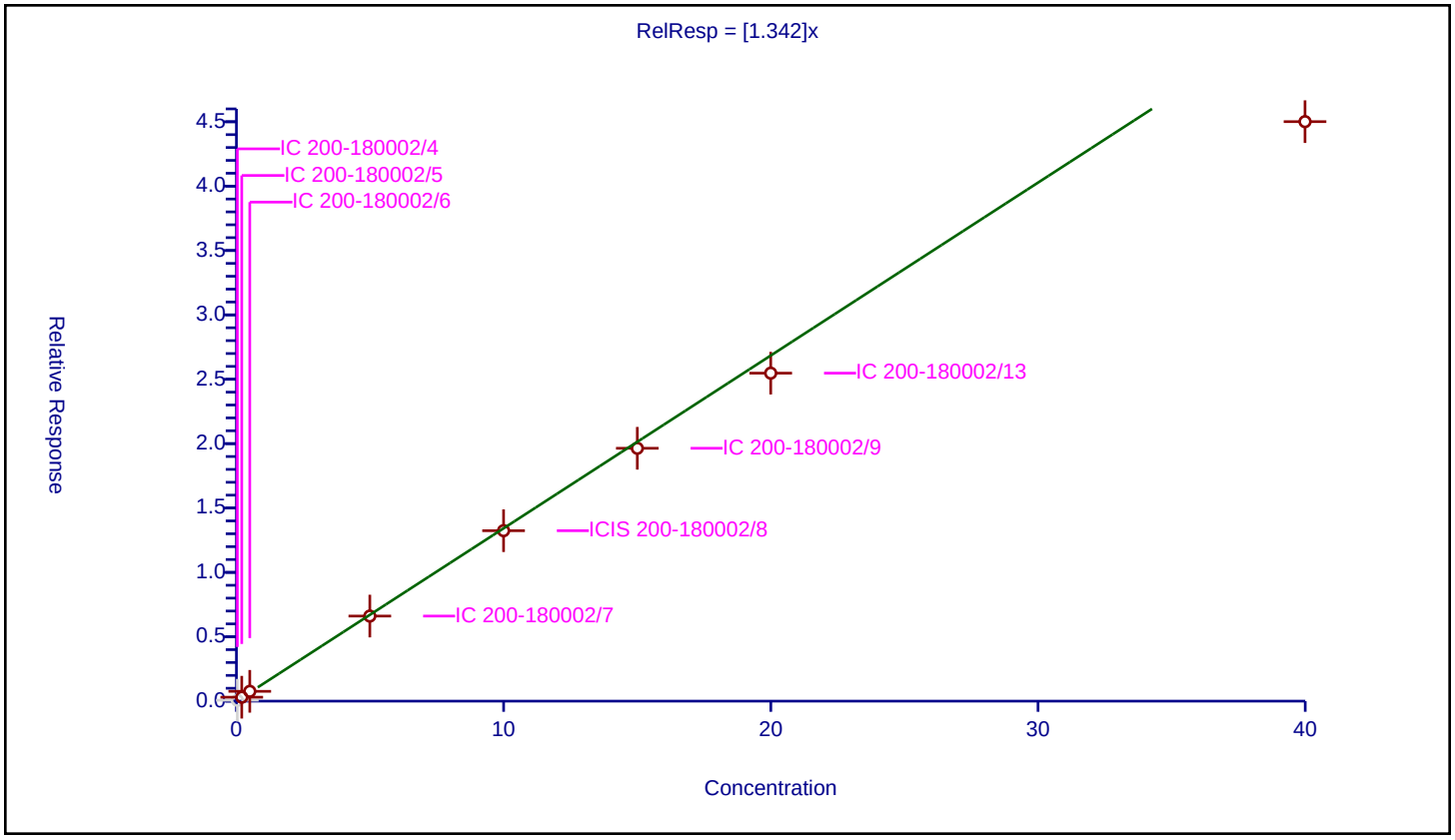
Curve Coefficients

Intercept:	0
Slope:	1.342

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	10.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.069523	20.0	1822119.0	1.982027	N
2	IC 200-180002/5	0.20044	0.304336	20.0	1814506.0	1.518344	Y
3	IC 200-180002/6	0.500453	0.761923	20.0	1791414.0	1.522468	Y
4	IC 200-180002/7	4.992563	6.607619	20.0	1846093.0	1.323492	Y
5	ICIS 200-180002/8	9.99806	13.239145	20.0	1857620.0	1.324171	Y
6	IC 200-180002/9	15.003557	19.639949	20.0	1897454.0	1.30902	Y
7	IC 200-180002/13	19.99612	25.47374	20.0	1875650.0	1.273934	Y
8	IC 200-180002/14	39.99224	45.009329	20.0	1974001.0	1.125452	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

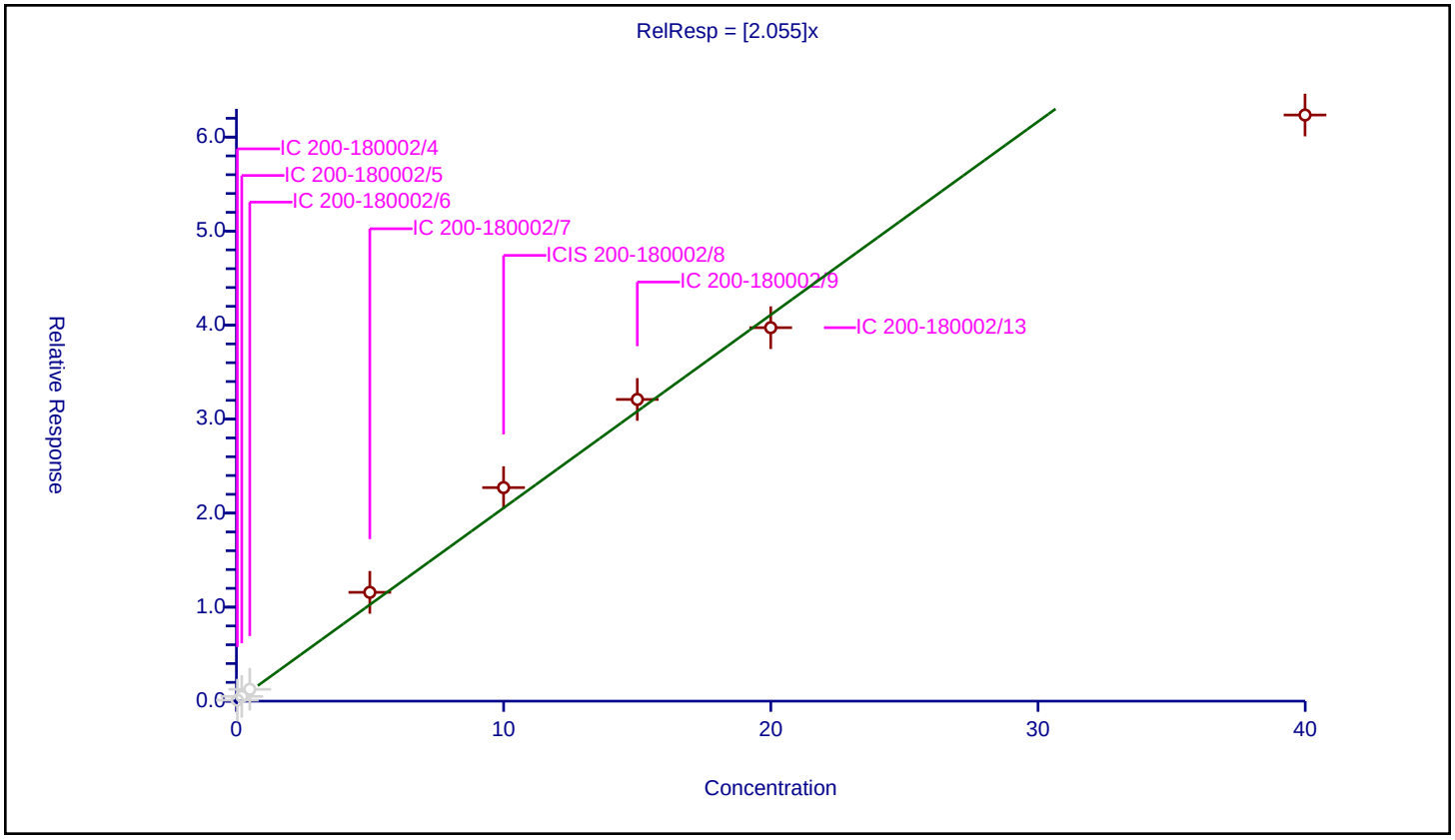
Curve Coefficients

Intercept:	0
Slope:	2.055

Error Coefficients

Standard Error:	4080000
Relative Standard Error:	14.9
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.927

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.103945	20.0	1822119.0	2.96334	N
2	IC 200-180002/5	0.20044	0.50374	20.0	1814506.0	2.513177	N
3	IC 200-180002/6	0.500453	1.263248	20.0	1791414.0	2.524211	N
4	IC 200-180002/7	4.992563	11.57452	20.0	1846093.0	2.318352	Y
5	ICIS 200-180002/8	9.99806	22.714097	20.0	1857620.0	2.27185	Y
6	IC 200-180002/9	15.003557	32.091993	20.0	1897454.0	2.138959	Y
7	IC 200-180002/13	19.99612	39.729438	20.0	1875650.0	1.986857	Y
8	IC 200-180002/14	39.99224	62.349117	20.0	1974001.0	1.55903	Y



Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

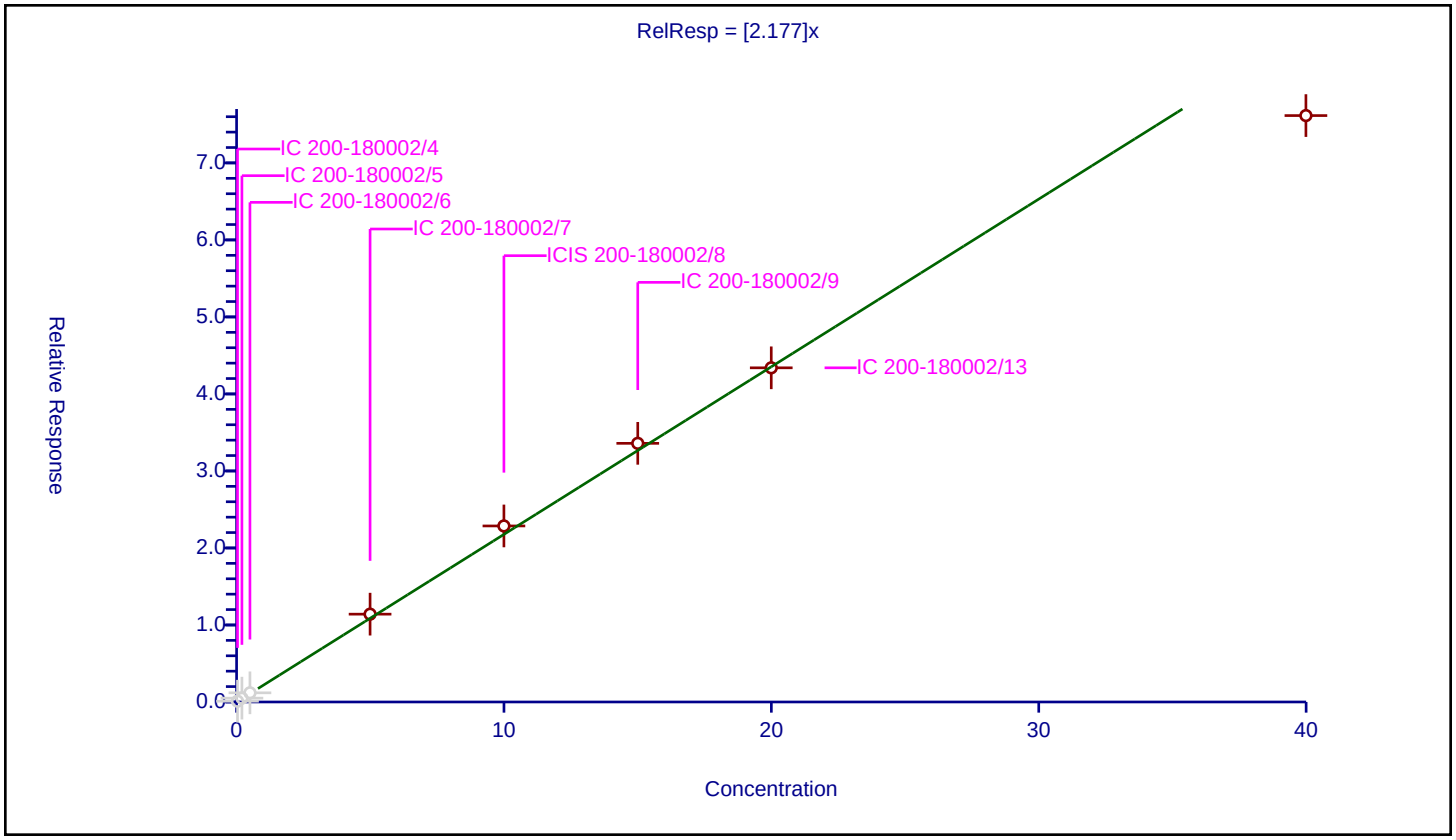
Curve Coefficients

Intercept:	0
Slope:	2.177

Error Coefficients

Standard Error:	4710000
Relative Standard Error:	7.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.100476	20.0	1822119.0	2.864458	N
2	IC 200-180002/5	0.20044	0.499078	20.0	1814506.0	2.489916	N
3	IC 200-180002/6	0.500453	1.190802	20.0	1791414.0	2.379451	N
4	IC 200-180002/7	4.992563	11.404886	20.0	1846093.0	2.284375	Y
5	ICIS 200-180002/8	9.99806	22.85883	20.0	1857620.0	2.286327	Y
6	IC 200-180002/9	15.003557	33.587766	20.0	1897454.0	2.238654	Y
7	IC 200-180002/13	19.99612	43.392243	20.0	1875650.0	2.170033	Y
8	IC 200-180002/14	39.99224	76.149708	20.0	1974001.0	1.904112	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

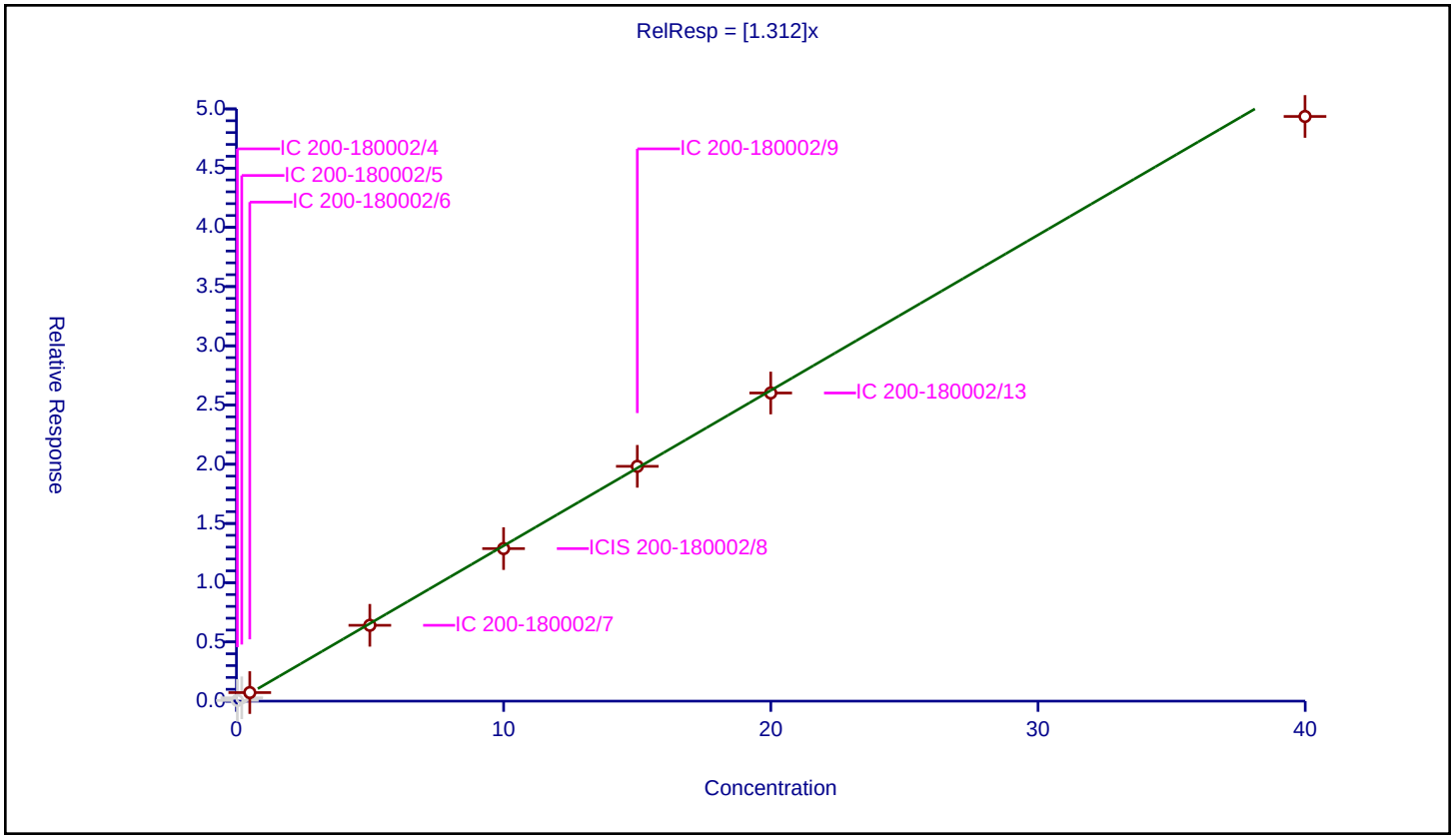
Curve Coefficients

Intercept:	0
Slope:	1.312

Error Coefficients

Standard Error:	2650000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.057735	20.0	1822119.0	1.645952	N
2	IC 200-180002/5	0.20044	0.282148	20.0	1814506.0	1.407648	N
3	IC 200-180002/6	0.500453	0.722212	20.0	1791414.0	1.443117	Y
4	IC 200-180002/7	4.992563	6.403816	20.0	1846093.0	1.282671	Y
5	ICIS 200-180002/8	9.99806	12.877607	20.0	1857620.0	1.288011	Y
6	IC 200-180002/9	15.003557	19.82506	20.0	1897454.0	1.321357	Y
7	IC 200-180002/13	19.99612	26.014128	20.0	1875650.0	1.300959	Y
8	IC 200-180002/14	39.99224	49.361241	20.0	1974001.0	1.23427	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

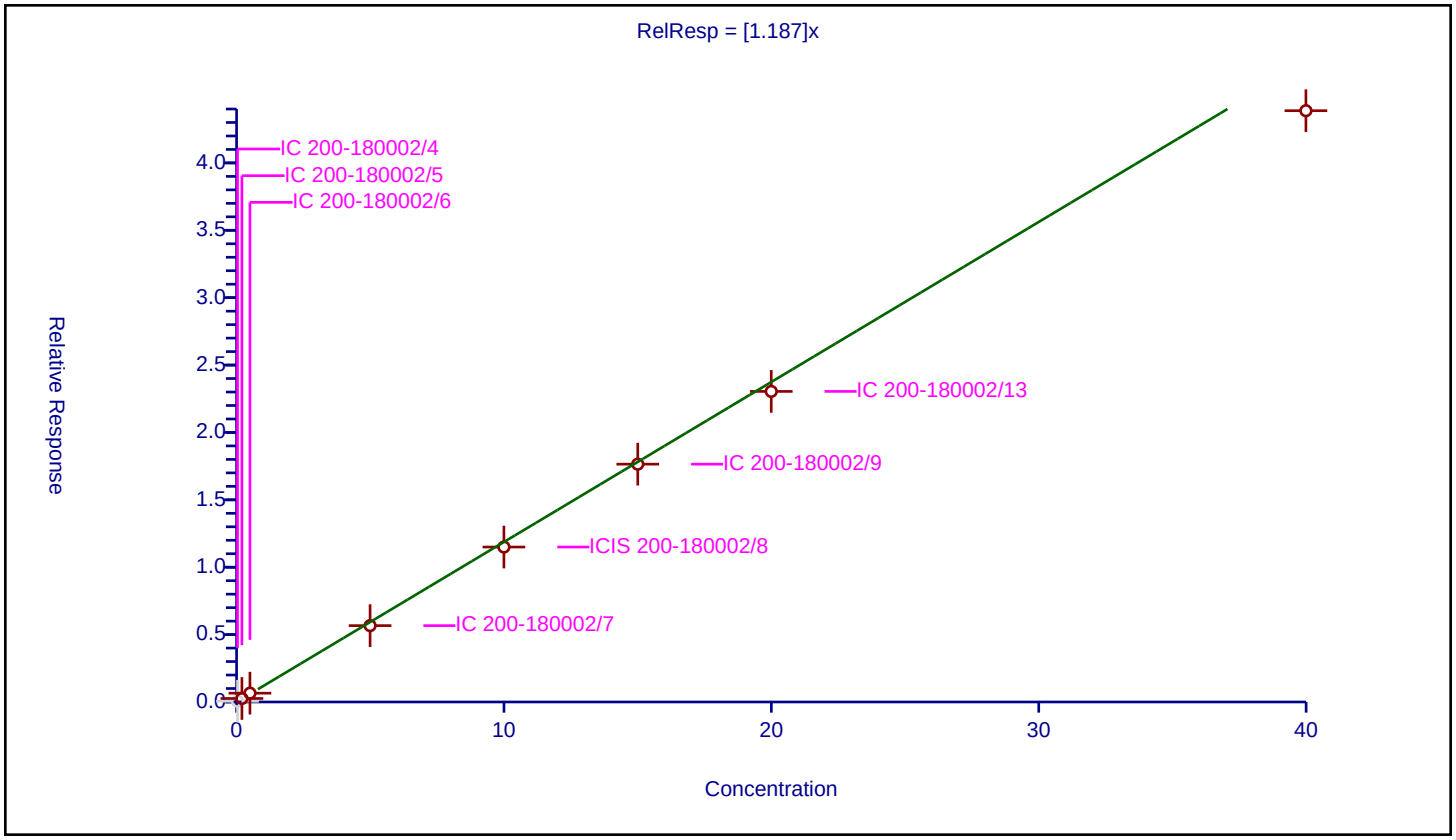
Curve Coefficients

Intercept:	0
Slope:	1.187

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.056561	20.0	1822119.0	1.61247	N
2	IC 200-180002/5	0.20044	0.259244	20.0	1814506.0	1.293377	Y
3	IC 200-180002/6	0.500453	0.654053	20.0	1791414.0	1.306923	Y
4	IC 200-180002/7	4.992563	5.666453	20.0	1846093.0	1.134979	Y
5	ICIS 200-180002/8	9.99806	11.497325	20.0	1857620.0	1.149956	Y
6	IC 200-180002/9	15.003557	17.647722	20.0	1897454.0	1.176236	Y
7	IC 200-180002/13	19.99612	23.044289	20.0	1875650.0	1.152438	Y
8	IC 200-180002/14	39.99224	43.875996	20.0	1974001.0	1.097113	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

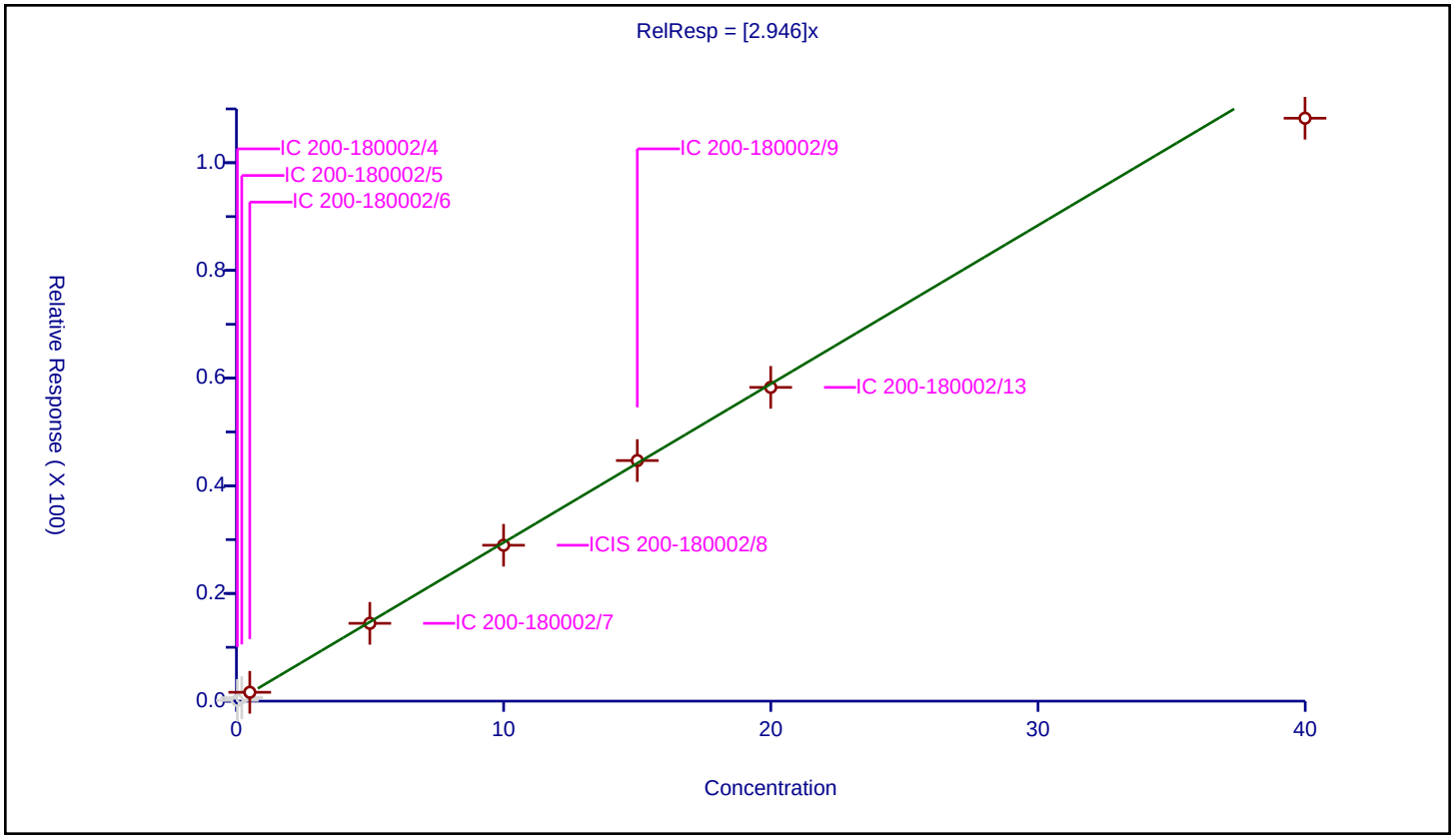
Curve Coefficients

Intercept:	0
Slope:	2.946

Error Coefficients

Standard Error:	5850000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.14009	20.0	1822119.0	3.993782	N
2	IC 200-180002/5	0.20044	0.647416	20.0	1814506.0	3.229979	N
3	IC 200-180002/6	0.500453	1.643205	20.0	1791414.0	3.283437	Y
4	IC 200-180002/7	4.992563	14.451146	20.0	1846093.0	2.894535	Y
5	ICIS 200-180002/8	9.99806	28.955965	20.0	1857620.0	2.896158	Y
6	IC 200-180002/9	15.003557	44.684699	20.0	1897454.0	2.978274	Y
7	IC 200-180002/13	19.99612	58.276544	20.0	1875650.0	2.914393	Y
8	IC 200-180002/14	39.99224	108.270513	20.0	1974001.0	2.707288	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

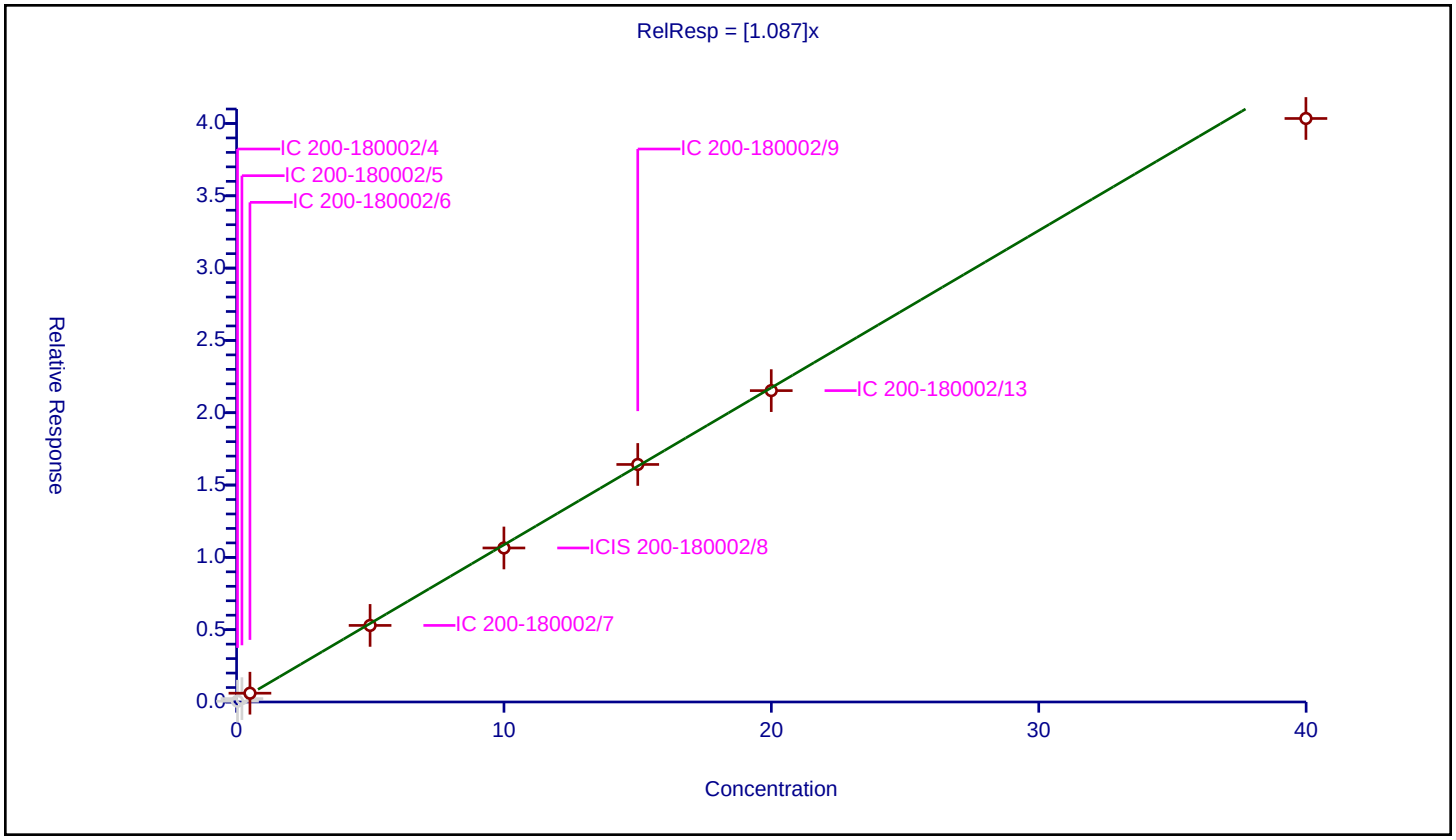
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-180002/4	0.035077	0.053542	20.0	1822119.0	1.526417	N
2	IC 200-180002/5	0.20044	0.234102	20.0	1814506.0	1.167944	N
3	IC 200-180002/6	0.500453	0.607397	20.0	1791414.0	1.213696	Y
4	IC 200-180002/7	4.992563	5.29359	20.0	1846093.0	1.060295	Y
5	ICIS 200-180002/8	9.99806	10.648852	20.0	1857620.0	1.065092	Y
6	IC 200-180002/9	15.003557	16.423154	20.0	1897454.0	1.094617	Y
7	IC 200-180002/13	19.99612	21.529411	20.0	1875650.0	1.076679	Y
8	IC 200-180002/14	39.99224	40.345998	20.0	1974001.0	1.008846	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab Sample ID: ICV 200-180002/18 Calibration Date: 05/20/2022 04:37

Instrument ID: CHC.i Calib Start Date: 05/19/2022 15:56

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/20/2022 01:00

Lab File ID: 50922-18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.793	1.847		10.3	10.0	3.0	30.0
Dichlorodifluoromethane	Ave	6.013	6.123		10.2	10.0	1.8	30.0
Chlorodifluoromethane	Ave	3.321	3.277		9.86	10.0	-1.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.897	4.776		9.75	10.0	-2.5	30.0
Chloromethane	Ave	1.340	1.290		9.63	10.0	-3.7	30.0
n-Butane	Ave	1.615	1.532		9.49	10.0	-5.1	30.0
Vinyl chloride	Ave	1.204	1.128		9.37	10.0	-6.3	30.0
1,3-Butadiene	Ave	0.8926	0.8070		9.04	10.0	-9.6	30.0
Bromomethane	Ave	1.040	0.998		9.59	10.0	-4.1	30.0
Chloroethane	Ave	0.6583	0.6255		9.50	10.0	-5.0	30.0
Isopentane	Ave	1.490	1.373		9.21	10.0	-7.9	30.0
Bromoethene(Vinyl Bromide)	Ave	1.496	1.435		9.59	10.0	-4.1	30.0
Trichlorofluoromethane	Ave	4.796	4.636		9.66	10.0	-3.3	30.0
n-Pentane	Ave	2.162	2.044		9.46	10.0	-5.4	30.0
Ethanol	Ave	0.5412	0.5470		14.8	14.7	1.1	30.0
Ethyl ether	Ave	0.9783	0.9397		9.60	10.0	-3.9	30.0
Acrolein	Ave	0.5344	0.4998		9.35	10.0	-6.5	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.411	3.270		9.58	10.0	-4.1	30.0
1,1-Dichloroethene	Ave	1.532	1.437		9.38	10.0	-6.2	30.0
Acetone	Ave	2.095	2.103		10.0	10.0	0.4	30.0
Carbon disulfide	Ave	4.082	3.980		9.75	10.0	-2.5	30.0
Isopropyl alcohol	Ave	2.270	2.308		10.2	10.0	1.7	30.0
3-Chloropropene	Ave	1.871	1.725		9.22	10.0	-7.8	30.0
Acetonitrile	Ave	0.9470	0.8696		9.18	10.0	-8.2	30.0
Methylene Chloride	Ave	1.660	1.581		9.52	10.0	-4.7	30.0
tert-Butyl alcohol	Ave	3.192	3.228		10.1	10.0	1.1	30.0
trans-1,2-Dichloroethene	Ave	2.418	2.270		9.39	10.0	-6.1	30.0
Methyl tert-butyl ether	Ave	4.831	4.691		9.71	10.0	-2.9	30.0
Acrylonitrile	Ave	0.9604	0.9624		10.0	10.0	0.2	30.0
n-Hexane	Ave	2.237	2.112		9.44	10.0	-5.6	30.0
1,1-Dichloroethane	Ave	2.925	2.671		9.13	10.0	-8.7	30.0
Vinyl acetate	Ave	3.730	3.722		9.98	10.0	-0.2	30.0
cis-1,2-Dichloroethene	Ave	1.924	1.823		9.47	10.0	-5.3	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.8738	0.8485		9.71	10.0	-2.9	30.0
Ethyl acetate	Ave	0.1520	0.1566		10.3	10.0	3.0	30.0
Tetrahydrofuran	Ave	0.2949	0.2887		9.79	10.0	-2.1	30.0
Chloroform	Ave	4.532	4.419		9.75	10.0	-2.5	30.0
1,1,1-Trichloroethane	Ave	0.7639	0.7413		9.70	10.0	-3.0	30.0
Cyclohexane	Ave	0.4303	0.4115		9.56	10.0	-4.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab Sample ID: ICV 200-180002/18 Calibration Date: 05/20/2022 04:37

Instrument ID: CHC.i Calib Start Date: 05/19/2022 15:56

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/20/2022 01:00

Lab File ID: 50922-18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.8236	0.8060		9.78	10.0	-2.1	30.0
Benzene	Ave	1.165	1.097		9.42	10.0	-5.8	30.0
2,2,4-Trimethylpentane	Ave	1.879	1.771		9.42	10.0	-5.8	30.0
1,2-Dichloroethane	Ave	0.5577	0.5329		9.55	10.0	-4.5	30.0
n-Heptane	Ave	0.7872	0.7193		9.14	10.0	-8.6	30.0
Trichloroethene	Ave	0.6353	0.5969		9.39	10.0	-6.0	30.0
n-Butanol	Ave	0.3089	0.3086		9.99	10.0	-0.0	30.0
1,2-Dichloropropane	Ave	0.6194	0.5957		9.62	10.0	-3.8	30.0
Dibromomethane	Ave	0.5289	0.5351		10.1	10.0	1.2	30.0
Methyl methacrylate	Ave	0.5681	0.5814		10.2	10.0	2.3	30.0
1,4-Dioxane	Ave	0.2985	0.3208		10.7	10.0	7.5	30.0
Bromodichloromethane	Ave	1.137	1.148		10.1	10.0	0.9	30.0
cis-1,3-Dichloropropene	Ave	1.114	1.128		10.1	10.0	1.2	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	1.697	1.680		9.90	10.0	-1.0	30.0
Toluene	Ave	1.151	1.137		9.88	10.0	-1.2	30.0
n-Octane	Ave	1.894	1.854		9.79	10.0	-2.1	30.0
trans-1,3-Dichloropropene	Ave	0.9755	0.999		10.2	10.0	2.4	30.0
1,1,2-Trichloroethane	Ave	0.5789	0.5754		9.94	10.0	-0.6	30.0
Tetrachloroethene	Ave	0.8108	0.7817		9.64	10.0	-3.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.596	1.543		9.67	10.0	-3.3	30.0
Dibromochloromethane	Ave	0.9884	1.012		10.2	10.0	2.4	30.0
1,2-Dibromoethane	Ave	0.9200	0.9299		10.1	10.0	1.1	30.0
Chlorobenzene	Ave	1.434	1.426		9.94	10.0	-0.6	30.0
Ethylbenzene	Ave	2.566	2.556		9.96	10.0	-0.4	30.0
n-Nonane	Ave	1.516	1.518		10.0	10.0	0.1	30.0
m,p-Xylene	Ave	0.9150	0.9300		20.3	20.0	1.6	30.0
o-Xylene	Ave	0.8999	0.9040		10.0	10.0	0.5	30.0
Styrene	Ave	1.460	1.501		10.3	10.0	2.9	30.0
Bromoform	Ave	0.9112	0.9385		10.3	10.0	3.0	30.0
Cumene	Ave	2.707	2.726		10.1	10.0	0.7	30.0
1,1,2,2-Tetrachloroethane	Ave	1.501	1.492		9.94	10.0	-0.6	30.0
1,2,3-Trichloropropane	Ave	1.264	1.273		10.1	10.0	0.7	30.0
n-Propylbenzene	Ave	3.463	3.495		10.1	10.0	0.9	30.0
2-Chlorotoluene	Ave	2.368	2.408		10.2	10.0	1.7	30.0
4-Ethyltoluene	Ave	2.736	2.778		10.2	10.0	1.5	30.0
n-Decane	Ave	1.991	2.013		10.1	10.0	1.1	30.0
1,3,5-Trimethylbenzene	Ave	2.255	2.275		10.1	10.0	0.9	30.0
Alpha Methyl Styrene	Ave	1.099	1.152		10.5	10.0	4.8	30.0
tert-Butylbenzene	Ave	2.088	2.116		10.1	10.0	1.4	30.0
1,2,4-Trimethylbenzene	Ave	2.257	2.294		10.2	10.0	1.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab Sample ID: ICV 200-180002/18 Calibration Date: 05/20/2022 04:37

Instrument ID: CHC.i Calib Start Date: 05/19/2022 15:56

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/20/2022 01:00

Lab File ID: 50922-18.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	3.341	3.407		10.2	10.0	2.0	30.0
1,3-Dichlorobenzene	Ave	1.405	1.427		10.2	10.0	1.6	30.0
4-Isopropyltoluene	Ave	2.662	2.729		10.2	10.0	2.5	30.0
1,4-Dichlorobenzene	Ave	1.432	1.435		10.0	10.0	0.2	30.0
Benzyl chloride	Ave	2.342	2.378		10.2	10.0	1.5	30.0
n-Butylbenzene	Ave	2.916	2.967		10.2	10.0	1.8	30.0
1,2-Dichlorobenzene	Ave	1.342	1.362		10.1	10.0	1.4	30.0
n-Undecane	Ave	2.055	2.231		10.9	10.0	8.6	30.0
n-Dodecane	Ave	2.177	2.231		10.2	10.0	2.5	30.0
1,2,4-Trichlorobenzene	Ave	1.312	1.326		10.1	10.0	1.1	30.0
Hexachlorobutadiene	Ave	1.187	1.181		9.95	10.0	-0.5	30.0
Naphthalene	Ave	2.946	2.984		10.1	10.0	1.3	30.0
1,2,3-Trichlorobenzene	Ave	1.087	1.097		10.1	10.0	1.0	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-18.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 20-May-2022 04:37:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050922-018
Operator ID: vtp Instrument ID: CHC.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 20-May-2022 09:20:44 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: phamvu Date: 20-May-2022 09:20:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.810	2.810	0.000	97	241780	10.0	10.3	
2 Dichlorodifluoromethane	85	2.874	2.869	0.005	99	801683	10.0	10.2	
3 Chlorodifluoromethane	51	2.911	2.906	0.005	97	428965	10.0	9.86	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.104	3.098	0.006	92	625319	10.0	9.75	
5 Chloromethane	50	3.210	3.205	0.005	99	168924	10.0	9.63	
6 Butane	43	3.397	3.397	0.000	95	200611	10.0	9.49	
7 Vinyl chloride	62	3.418	3.418	0.000	100	147681	10.0	9.37	
8 Butadiene	54	3.493	3.488	0.005	95	105648	10.0	9.04	
9 Bromomethane	94	4.075	4.075	0.000	98	130686	10.0	9.59	
10 Chloroethane	64	4.294	4.288	0.006	99	81888	10.0	9.50	
11 2-Methylbutane	43	4.395	4.395	0.000	89	179762	10.0	9.21	
12 BFB									
13 Vinyl bromide	106	4.657	4.651	0.006	98	187815	10.0	9.59	
14 Trichlorofluoromethane	101	4.774	4.769	0.005	99	606905	10.0	9.66	
15 Pentane	43	4.923	4.918	0.005	92	267642	10.0	9.46	
16 Ethanol	45	5.340	5.340	0.000	96	105154	14.7	14.8	
17 Ethyl ether	59	5.430	5.425	0.005	92	123028	10.0	9.60	
18 Acrolein	56	5.713	5.713	0.000	97	65431	10.0	9.35	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.809	0.000	97	428149	10.0	9.58	
20 1,1-Dichloroethene	96	5.815	5.815	0.000	96	188196	10.0	9.38	
21 Acetone	43	6.028	6.028	0.000	99	275321	10.0	10.0	
22 Carbon disulfide	76	6.178	6.178	0.000	100	521049	10.0	9.75	
23 Isopropyl alcohol	45	6.407	6.402	0.005	100	302213	10.0	10.2	
24 3-Chloro-1-propene	41	6.557	6.557	0.000	97	225889	10.0	9.22	
25 Acetonitrile	41	6.610	6.610	0.000	97	113841	10.0	9.18	
26 Methylene Chloride	49	6.834	6.829	0.005	92	206965	10.0	9.52	
28 2-Methyl-2-propanol	59	7.181	7.176	0.005	99	422591	10.0	10.1	
29 trans-1,2-Dichloroethene	61	7.293	7.293	0.000	97	297163	10.0	9.39	
30 Methyl tert-butyl ether	73	7.320	7.314	0.006	96	614100	10.0	9.71	
31 Acrylonitrile	53	7.362	7.362	0.000	93	125990	10.0	10.0	
32 Hexane	57	7.736	7.731	0.005	89	276436	10.0	9.44	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.120	8.115	0.005	100	349749	10.0	9.13	
34 Vinyl acetate	43	8.227	8.227	0.000	99	487338	10.0	9.98	
35 cis-1,2-Dichloroethene	96	9.198	9.198	0.000	95	238641	10.0	9.47	
36 2-Butanone (MEK)	72	9.262	9.257	0.005	99	111085	10.0	9.71	
37 Ethyl acetate	88	9.353	9.353	0.000	100	20502	10.0	10.3	
* 38 Chlorobromomethane	128	9.636	9.636	0.000	86	261889	20.0	20.0	
39 Tetrahydrofuran	42	9.721	9.716	0.005	88	256620	10.0	9.79	
40 Chloroform	83	9.791	9.791	0.000	96	578555	10.0	9.75	
41 1,1,1-Trichloroethane	97	10.063	10.063	0.000	98	658933	10.0	9.70	
42 Cyclohexane	84	10.079	10.079	0.000	97	365782	10.0	9.56	
S 43 1,2-Dichloroethene, Total	61				0		20.0	18.9	
44 Carbon tetrachloride	117	10.335	10.330	0.005	98	716463	10.0	9.78	
45 Benzene	78	10.751	10.751	0.000	96	975255	10.0	9.42	
46 Isooctane	57	10.815	10.815	0.000	98	1574054	10.0	9.42	
47 1,2-Dichloroethane	62	10.901	10.901	0.000	92	473695	10.0	9.55	
48 n-Heptane	43	11.221	11.221	0.000	93	639365	10.0	9.14	
* 49 1,4-Difluorobenzene	114	11.600	11.600	0.000	95	1778146	20.0	20.0	
50 Trichloroethene	95	12.070	12.070	0.000	96	530603	10.0	9.39	
51 n-Butanol	56	12.112	12.107	0.005	90	274323	10.0	9.99	
53 1,2-Dichloropropane	63	12.561	12.561	0.000	90	529501	10.0	9.62	
A 54 GRO	1	12.600	(4.385-20.811)		0	181736584	649.9	0	
56 Dibromomethane	174	12.817	12.811	0.006	95	475686	10.0	10.1	
55 Methyl methacrylate	69	12.817	12.811	0.006	94	516821	10.0	10.2	
57 1,4-Dioxane	88	12.870	12.870	0.000	98	285125	10.0	10.7	
58 Dichlorobromomethane	83	13.137	13.142	-0.005	98	1020085	10.0	10.1	
59 cis-1,3-Dichloropropene	75	14.103	14.103	0.000	96	1002362	10.0	10.1	
A 60 TVOC as Toluene	1	14.287	(2.800-25.774)		0	303071540	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	14.439	14.434	0.005	96	1493040	10.0	9.90	
62 Toluene	92	14.717	14.722	-0.005	93	1053315	10.0	9.88	
A 63 Toluene Range	1	14.722	(14.682-14.762)		0	4458261	NC	NC	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	5616291	NC	NC	
64 n-Octane	43	14.898	14.898	0.000	97	1648461	10.0	9.79	
66 trans-1,3-Dichloropropene	75	15.309	15.309	0.000	98	887697	10.0	10.2	
67 1,1,2-Trichloroethane	83	15.677	15.672	0.005	97	532855	10.0	9.94	
68 Tetrachloroethene	166	15.848	15.848	0.000	95	723857	10.0	9.64	
69 2-Hexanone	43	16.195	16.195	0.000	92	1428772	10.0	9.67	
70 Chlorodibromomethane	129	16.446	16.446	0.000	97	937511	10.0	10.2	
71 Ethylene Dibromide	107	16.691	16.691	0.000	98	861064	10.0	10.1	
* 72 Chlorobenzene-d5	117	17.631	17.631	0.000	90	1852383	20.0	20.0	
73 Chlorobenzene	112	17.689	17.689	0.000	90	1320246	10.0	9.94	
74 Ethylbenzene	91	17.871	17.871	0.000	99	2366502	10.0	9.96	
75 n-Nonane	57	18.106	18.106	0.000	95	1405673	10.0	10.0	
76 m-Xylene & p-Xylene	106	18.127	18.127	0.000	0	1722364	20.0	20.3	
77 o-Xylene	106	18.954	18.954	0.000	98	837158	10.0	10.0	
78 Styrene	104	19.002	19.002	0.000	99	1390317	10.0	10.3	
80 Bromoform	173	19.413	19.413	0.000	95	869090	10.0	10.3	
81 Isopropylbenzene	105	19.707	19.712	-0.005	99	2523877	10.0	10.1	
S 82 Xylenes, Total	106				0		30.0	30.4	
83 1,1,2,2-Tetrachloroethane	83	20.400	20.406	-0.006	98	1381336	10.0	9.94	
84 1,2,3-Trichloropropane	75	20.491	20.486	0.005	98	1178776	10.0	10.1	
85 N-Propylbenzene	91	20.518	20.518	0.000	98	3236701	10.0	10.1	
86 2-Chlorotoluene	91	20.710	20.710	0.000	97	2229724	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	20.726	20.731	-0.005	99	2572457	10.0	10.2	
88 n-Decane	57	20.801	20.801	0.000	88	1864134	10.0	10.1	
89 1,3,5-Trimethylbenzene	105	20.849	20.849	0.000	92	2106991	10.0	10.1	
90 Alpha Methyl Styrene	118	21.238	21.238	0.000	84	1066531	10.0	10.5	
91 tert-Butylbenzene	119	21.372	21.372	0.000	91	1959788	10.0	10.1	
92 1,2,4-Trimethylbenzene	105	21.473	21.473	0.000	98	2124097	10.0	10.2	
93 sec-Butylbenzene	105	21.724	21.724	0.000	98	3155062	10.0	10.2	
95 1,3-Dichlorobenzene	146	21.943	21.943	0.000	73	1321366	10.0	10.2	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	97	2527164	10.0	10.2	
96 1,4-Dichlorobenzene	146	22.087	22.087	0.000	91	1328545	10.0	10.0	
97 Benzyl chloride	91	22.279	22.279	0.000	97	2201975	10.0	10.2	
98 n-Butylbenzene	91	22.530	22.530	0.000	98	2747397	10.0	10.2	
100 1,2-Dichlorobenzene	146	22.615	22.615	0.000	91	1260998	10.0	10.1	
99 Undecane	57	22.621	22.621	0.000	97	2065945	10.0	10.9	
101 Dodecane	57	24.104	24.104	0.000	94	2065984	10.0	10.2	
102 1,2,4-Trichlorobenzene	180	24.926	24.926	0.000	94	1228287	10.0	10.1	
103 Hexachlorobutadiene	225	25.134	25.134	0.000	98	1093746	10.0	9.95	
104 Naphthalene	128	25.326	25.332	-0.006	98	2763108	10.0	10.1	
105 1,2,3-Trichlorobenzene	180	25.764	25.764	0.000	94	1015791	10.0	10.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00841	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

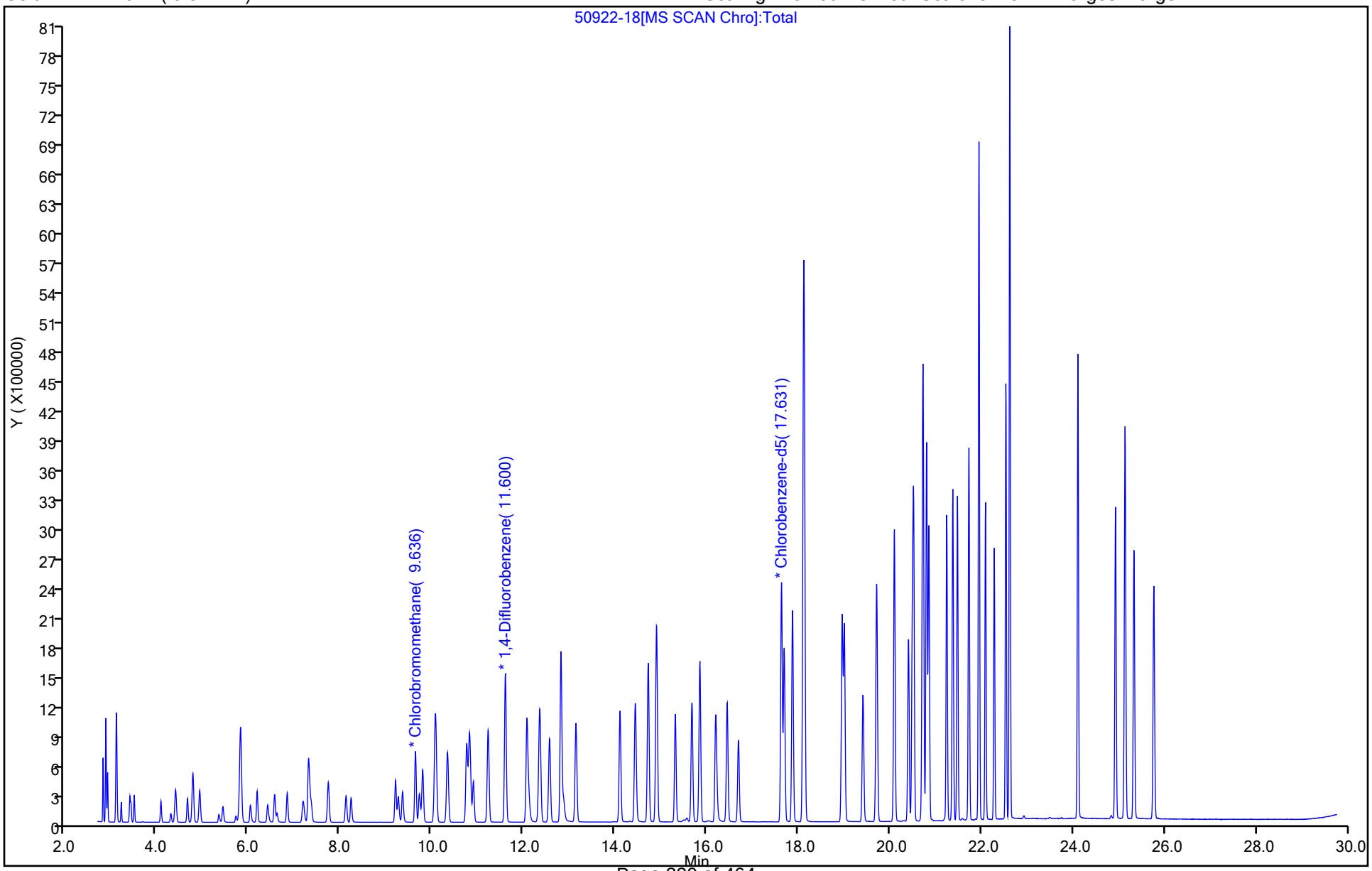
Report Date: 20-May-2022 09:20:45 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-18.D

Injection Date:	20-May-2022 04:37:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	icv			Worklist Smp#:	18
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab Sample ID: CCVIS 200-180174/2 Calibration Date: 05/25/2022 08:07

Instrument ID: CHC.i Calib Start Date: 05/19/2022 15:56

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/20/2022 01:00

Lab File ID: 50993-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.793	2.000		11.2	10.0	11.6	30.0
Dichlorodifluoromethane	Ave	6.013	6.308		10.5	10.0	4.9	30.0
Chlorodifluoromethane	Ave	3.321	3.484		10.5	10.0	4.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.897	4.833		9.87	10.0	-1.3	30.0
Chloromethane	Ave	1.340	1.348		10.1	10.0	0.6	30.0
n-Butane	Ave	1.615	1.641		10.2	10.0	1.6	30.0
Vinyl chloride	Ave	1.204	1.157		9.61	10.0	-3.9	30.0
1,3-Butadiene	Ave	0.8926	0.8311		9.31	10.0	-6.9	30.0
Bromomethane	Ave	1.040	0.9705		9.33	10.0	-6.7	30.0
Chloroethane	Ave	0.6583	0.6121		9.30	10.0	-7.0	30.0
Isopentane	Ave	1.490	1.413		9.48	10.0	-5.2	30.0
Bromoethene(Vinyl Bromide)	Ave	1.496	1.370		9.15	10.0	-8.4	30.0
Trichlorofluoromethane	Ave	4.796	4.652		9.70	10.0	-3.0	30.0
n-Pentane	Ave	2.162	2.144		9.92	10.0	-0.8	30.0
Ethanol	Ave	0.5412	0.5590		15.5	15.0	3.3	30.0
Ethyl ether	Ave	0.9783	0.9392		9.60	10.0	-4.0	30.0
Acrolein	Ave	0.5344	0.5139		9.62	10.0	-3.8	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.411	3.223		9.45	10.0	-5.5	30.0
1,1-Dichloroethene	Ave	1.532	1.372		8.95	10.0	-10.5	30.0
Acetone	Ave	2.095	2.232		10.7	10.0	6.6	30.0
Carbon disulfide	Ave	4.082	3.898		9.55	10.0	-4.5	30.0
Isopropyl alcohol	Ave	2.270	2.396		10.6	10.0	5.6	30.0
3-Chloropropene	Ave	1.871	1.874		10.0	10.0	0.1	30.0
Acetonitrile	Ave	0.9470	1.011		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	1.660	1.634		9.85	10.0	-1.5	30.0
tert-Butyl alcohol	Ave	3.192	3.314		10.4	10.0	3.8	30.0
trans-1,2-Dichloroethene	Ave	2.418	2.303		9.52	10.0	-4.7	30.0
Methyl tert-butyl ether	Ave	4.831	4.732		9.79	10.0	-2.0	30.0
Acrylonitrile	Ave	0.9604	0.9551		9.94	10.0	-0.6	30.0
n-Hexane	Ave	2.237	2.140		9.56	10.0	-4.3	30.0
1,1-Dichloroethane	Ave	2.925	2.693		9.20	10.0	-7.9	30.0
Vinyl acetate	Ave	3.730	3.943		10.6	10.0	5.7	30.0
cis-1,2-Dichloroethene	Ave	1.924	1.747		9.08	10.0	-9.2	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.8738	0.8381		9.59	10.0	-4.1	30.0
Ethyl acetate	Ave	0.1520	0.1500		9.87	10.0	-1.3	30.0
Tetrahydrofuran	Ave	0.2949	0.3036		10.3	10.0	3.0	30.0
Chloroform	Ave	4.532	4.467		9.85	10.0	-1.4	30.0
1,1,1-Trichloroethane	Ave	0.7639	0.7447		9.75	10.0	-2.5	30.0
Cyclohexane	Ave	0.4303	0.4019		9.34	10.0	-6.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab Sample ID: CCVIS 200-180174/2 Calibration Date: 05/25/2022 08:07

Instrument ID: CHC.i Calib Start Date: 05/19/2022 15:56

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/20/2022 01:00

Lab File ID: 50993-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.8236	0.8140		9.88	10.0	-1.2	30.0
Benzene	Ave	1.165	1.074		9.22	10.0	-7.7	30.0
2,2,4-Trimethylpentane	Ave	1.879	1.797		9.56	10.0	-4.4	30.0
1,2-Dichloroethane	Ave	0.5577	0.5676		10.2	10.0	1.8	30.0
n-Heptane	Ave	0.7872	0.7646		9.71	10.0	-2.9	30.0
Trichloroethene	Ave	0.6353	0.5787		9.11	10.0	-8.9	30.0
n-Butanol	Ave	0.3089	0.3163		10.2	10.0	2.4	30.0
1,2-Dichloropropane	Ave	0.6194	0.5911		9.54	10.0	-4.6	30.0
Dibromomethane	Ave	0.5289	0.4890		9.24	10.0	-7.5	30.0
Methyl methacrylate	Ave	0.5681	0.5727		10.1	10.0	0.8	30.0
1,4-Dioxane	Ave	0.2985	0.3068		10.3	10.0	2.8	30.0
Bromodichloromethane	Ave	1.137	1.145		10.1	10.0	0.7	30.0
cis-1,3-Dichloropropene	Ave	1.114	1.120		10.0	10.0	0.5	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	1.697	1.756		10.3	10.0	3.5	30.0
Toluene	Ave	1.151	1.101		9.57	10.0	-4.3	30.0
n-Octane	Ave	1.894	1.935		10.2	10.0	2.2	30.0
trans-1,3-Dichloropropene	Ave	0.9755	1.004		10.3	10.0	3.0	30.0
1,1,2-Trichloroethane	Ave	0.5789	0.5551		9.59	10.0	-4.1	30.0
Tetrachloroethene	Ave	0.8108	0.7263		8.96	10.0	-10.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.596	1.622		10.2	10.0	1.6	30.0
Dibromochloromethane	Ave	0.9884	0.9786		9.90	10.0	-1.0	30.0
1,2-Dibromoethane	Ave	0.9200	0.8933		9.71	10.0	-2.9	30.0
Chlorobenzene	Ave	1.434	1.352		9.43	10.0	-5.7	30.0
Ethylbenzene	Ave	2.566	2.497		9.73	10.0	-2.7	30.0
n-Nonane	Ave	1.516	1.526		10.1	10.0	0.6	30.0
m,p-Xylene	Ave	0.9150	0.8804		19.2	20.0	-3.8	30.0
o-Xylene	Ave	0.8999	0.8600		9.56	10.0	-4.4	30.0
Styrene	Ave	1.460	1.426		9.77	10.0	-2.3	30.0
Bromoform	Ave	0.9112	0.8890		9.75	10.0	-2.4	30.0
Cumene	Ave	2.707	2.630		9.72	10.0	-2.8	30.0
1,1,2,2-Tetrachloroethane	Ave	1.501	1.454		9.69	10.0	-3.1	30.0
1,2,3-Trichloropropane	Ave	1.264	1.265		10.0	10.0	0.1	30.0
n-Propylbenzene	Ave	3.463	3.403		9.82	10.0	-1.7	30.0
2-Chlorotoluene	Ave	2.368	2.357		9.95	10.0	-0.5	30.0
4-Ethyltoluene	Ave	2.736	2.668		9.75	10.0	-2.5	30.0
n-Decane	Ave	1.991	2.041		10.3	10.0	2.5	30.0
1,3,5-Trimethylbenzene	Ave	2.255	2.196		9.73	10.0	-2.6	30.0
Alpha Methyl Styrene	Ave	1.099	1.085		9.87	10.0	-1.3	30.0
tert-Butylbenzene	Ave	2.088	2.030		9.72	10.0	-2.8	30.0
1,2,4-Trimethylbenzene	Ave	2.257	2.227		9.86	10.0	-1.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Lab Sample ID: CCVIS 200-180174/2 Calibration Date: 05/25/2022 08:07

Instrument ID: CHC.i Calib Start Date: 05/19/2022 15:56

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 05/20/2022 01:00

Lab File ID: 50993-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	3.341	3.277		9.81	10.0	-1.9	30.0
1,3-Dichlorobenzene	Ave	1.405	1.315		9.36	10.0	-6.4	30.0
4-Isopropyltoluene	Ave	2.662	2.611		9.81	10.0	-1.9	30.0
1,4-Dichlorobenzene	Ave	1.432	1.328		9.27	10.0	-7.3	30.0
Benzyl chloride	Ave	2.342	2.384		10.2	10.0	1.8	30.0
n-Butylbenzene	Ave	2.916	2.908		9.97	10.0	-0.3	30.0
1,2-Dichlorobenzene	Ave	1.342	1.258		9.37	10.0	-6.3	30.0
n-Undecane	Ave	2.055	2.270		11.0	10.0	10.5	30.0
n-Dodecane	Ave	2.177	2.237		10.3	10.0	2.8	30.0
1,2,4-Trichlorobenzene	Ave	1.312	1.183		9.02	10.0	-9.8	30.0
Hexachlorobutadiene	Ave	1.187	1.078		9.08	10.0	-9.2	30.0
Naphthalene	Ave	2.946	2.695		9.15	10.0	-8.5	30.0
1,2,3-Trichlorobenzene	Ave	1.087	0.9496		8.74	10.0	-12.6	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-02.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 25-May-2022 08:07:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050993-002
Operator ID: vtp Instrument ID: CHC.i
Sublist: chrom-TO15_MasterMethod_(v1)_CHC.i*sub10

Method: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 26-May-2022 09:08:29 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: puangmaleek Date: 26-May-2022 09:08:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.810	2.810	0.000	97	233321	10.0	11.2	
2 Dichlorodifluoromethane	85	2.874	2.874	0.000	99	735943	10.0	10.5	
3 Chlorodifluoromethane	51	2.912	2.912	0.000	97	406514	10.0	10.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.104	3.104	0.000	93	563857	10.0	9.87	
5 Chloromethane	50	3.210	3.210	0.000	99	157263	10.0	10.1	
6 Butane	43	3.397	3.397	0.000	95	191392	10.0	10.2	
7 Vinyl chloride	62	3.419	3.419	0.000	100	135031	10.0	9.61	
8 Butadiene	54	3.493	3.493	0.000	97	96959	10.0	9.31	
9 Bromomethane	94	4.075	4.075	0.000	97	113227	10.0	9.33	
10 Chloroethane	64	4.294	4.294	0.000	98	71405	10.0	9.30	
11 2-Methylbutane	43	4.395	4.395	0.000	90	164903	10.0	9.48	
12 BFB									
13 Vinyl bromide	106	4.657	4.657	0.000	97	159847	10.0	9.15	
14 Trichlorofluoromethane	101	4.769	4.769	0.000	99	542763	10.0	9.70	
15 Pentane	43	4.918	4.918	0.000	92	250093	10.0	9.92	
16 Ethanol	45	5.340	5.340	0.000	96	97859	15.0	15.5	
17 Ethyl ether	59	5.425	5.425	0.000	94	109565	10.0	9.60	
18 Acrolein	56	5.708	5.708	0.000	98	59953	10.0	9.62	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.804	5.804	0.000	96	376044	10.0	9.45	
20 1,1-Dichloroethene	96	5.815	5.815	0.000	95	160010	10.0	8.95	
21 Acetone	43	6.028	6.028	0.000	99	260419	10.0	10.7	
22 Carbon disulfide	76	6.178	6.178	0.000	100	454806	10.0	9.55	
23 Isopropyl alcohol	45	6.407	6.407	0.000	99	279561	10.0	10.6	
24 3-Chloro-1-propene	41	6.557	6.557	0.000	95	218586	10.0	10.0	
25 Acetonitrile	41	6.610	6.610	0.000	97	117982	10.0	10.7	
26 Methylene Chloride	49	6.829	6.829	0.000	94	190674	10.0	9.85	
28 2-Methyl-2-propanol	59	7.181	7.181	0.000	99	386657	10.0	10.4	
29 trans-1,2-Dichloroethene	61	7.293	7.293	0.000	96	268701	10.0	9.52	
30 Methyl tert-butyl ether	73	7.320	7.320	0.000	96	552108	10.0	9.79	
31 Acrylonitrile	53	7.362	7.362	0.000	92	111421	10.0	9.94	
32 Hexane	57	7.731	7.731	0.000	90	249686	10.0	9.56	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	8.115	8.115	0.000	100	314133	10.0	9.20	
34 Vinyl acetate	43	8.227	8.227	0.000	100	459988	10.0	10.6	
35 cis-1,2-Dichloroethene	96	9.198	9.198	0.000	97	203849	10.0	9.08	
36 2-Butanone (MEK)	72	9.257	9.257	0.000	99	97778	10.0	9.59	
37 Ethyl acetate	88	9.353	9.353	0.000	99	17502	10.0	9.87	
* 38 Chlorobromomethane	128	9.631	9.631	0.000	90	233373	20.0	20.0	
39 Tetrahydrofuran	42	9.716	9.716	0.000	89	242720	10.0	10.3	
40 Chloroform	83	9.791	9.791	0.000	97	521176	10.0	9.85	
41 1,1,1-Trichloroethane	97	10.063	10.063	0.000	98	595312	10.0	9.75	
42 Cyclohexane	84	10.079	10.079	0.000	97	321234	10.0	9.34	
S 43 1,2-Dichloroethene, Total	61				0		20.0	18.6	
44 Carbon tetrachloride	117	10.330	10.330	0.000	97	650690	10.0	9.88	
45 Benzene	78	10.746	10.746	0.000	97	858789	10.0	9.22	
46 Isooctane	57	10.815	10.815	0.000	98	1436203	10.0	9.56	
47 1,2-Dichloroethane	62	10.896	10.896	0.000	92	453708	10.0	10.2	
48 n-Heptane	43	11.221	11.221	0.000	95	611164	10.0	9.71	
* 49 1,4-Difluorobenzene	114	11.595	11.595	0.000	96	1599038	20.0	20.0	
50 Trichloroethene	95	12.064	12.064	0.000	94	462620	10.0	9.11	
51 n-Butanol	56	12.107	12.107	0.000	94	252845	10.0	10.2	
53 1,2-Dichloropropane	63	12.561	12.561	0.000	88	472534	10.0	9.54	
A 54 GRO	1	12.595	(4.385-20.805)		0	164481433	649.9	0	
56 Dibromomethane	174	12.811	12.811	0.000	88	390878	10.0	9.24	
55 Methyl methacrylate	69	12.811	12.811	0.000	91	457825	10.0	10.1	
57 1,4-Dioxane	88	12.870	12.870	0.000	99	245248	10.0	10.3	
58 Dichlorobromomethane	83	13.137	13.137	0.000	97	915215	10.0	10.1	
59 cis-1,3-Dichloropropene	75	14.103	14.103	0.000	97	895107	10.0	10.0	
A 60 TVOC as Toluene	1	14.284	(2.800-25.769)		0	271010264	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	14.434	14.434	0.000	96	1403760	10.0	10.3	
A 63 Toluene Range	1	14.717	(14.677-14.757)		0	3960428	NC	NC	
62 Toluene	92	14.717	14.717	0.000	93	911923	10.0	9.57	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	5177778	NC	NC	
64 n-Octane	43	14.898	14.898	0.000	98	1546940	10.0	10.2	
66 trans-1,3-Dichloropropene	75	15.309	15.309	0.000	97	802835	10.0	10.3	
67 1,1,2-Trichloroethane	83	15.672	15.672	0.000	97	459838	10.0	9.59	
68 Tetrachloroethene	166	15.848	15.848	0.000	93	601628	10.0	8.96	
69 2-Hexanone	43	16.195	16.195	0.000	91	1343401	10.0	10.2	
70 Chlorodibromomethane	129	16.441	16.441	0.000	97	810621	10.0	9.90	
71 Ethylene Dibromide	107	16.686	16.686	0.000	98	739913	10.0	9.71	
* 72 Chlorobenzene-d5	117	17.625	17.625	0.000	92	1656980	20.0	20.0	
73 Chlorobenzene	112	17.684	17.684	0.000	89	1119965	10.0	9.43	
74 Ethylbenzene	91	17.866	17.866	0.000	100	2068596	10.0	9.73	
75 n-Nonane	57	18.106	18.106	0.000	96	1263635	10.0	10.1	
76 m-Xylene & p-Xylene	106	18.122	18.122	0.000	0	1458557	20.0	19.2	
77 o-Xylene	106	18.954	18.954	0.000	97	712380	10.0	9.56	
78 Styrene	104	19.002	19.002	0.000	97	1181279	10.0	9.77	
80 Bromoform	173	19.408	19.408	0.000	93	736386	10.0	9.75	
81 Isopropylbenzene	105	19.707	19.707	0.000	98	2178622	10.0	9.72	
S 82 Xylenes, Total	106				0		30.0	28.8	
83 1,1,2,2-Tetrachloroethane	83	20.401	20.401	0.000	98	1204472	10.0	9.69	
84 1,2,3-Trichloropropane	75	20.486	20.486	0.000	97	1047665	10.0	10.0	
85 N-Propylbenzene	91	20.513	20.513	0.000	98	2818469	10.0	9.82	
86 2-Chlorotoluene	91	20.710	20.710	0.000	97	1952290	10.0	9.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	20.726	20.726	0.000	98	2209733	10.0	9.75	
88 n-Decane	57	20.795	20.795	0.000	86	1690973	10.0	10.3	
89 1,3,5-Trimethylbenzene	105	20.844	20.844	0.000	91	1818665	10.0	9.73	
90 Alpha Methyl Styrene	118	21.238	21.238	0.000	83	898634	10.0	9.87	
91 tert-Butylbenzene	119	21.372	21.372	0.000	89	1681729	10.0	9.72	
92 1,2,4-Trimethylbenzene	105	21.468	21.468	0.000	99	1844281	10.0	9.86	
93 sec-Butylbenzene	105	21.719	21.719	0.000	98	2714666	10.0	9.81	
95 1,3-Dichlorobenzene	146	21.938	21.938	0.000	73	1089131	10.0	9.36	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	96	2162975	10.0	9.81	
96 1,4-Dichlorobenzene	146	22.082	22.082	0.000	90	1100163	10.0	9.27	
97 Benzyl chloride	91	22.274	22.274	0.000	97	1975029	10.0	10.2	
98 n-Butylbenzene	91	22.530	22.530	0.000	98	2408514	10.0	9.97	
100 1,2-Dichlorobenzene	146	22.610	22.610	0.000	90	1042185	10.0	9.37	
99 Undecane	57	22.615	22.615	0.000	95	1880542	10.0	11.0	
101 Dodecane	57	24.099	24.099	0.000	93	1852785	10.0	10.3	
102 1,2,4-Trichlorobenzene	180	24.921	24.921	0.000	93	979816	10.0	9.02	
103 Hexachlorobutadiene	225	25.129	25.129	0.000	97	892960	10.0	9.08	
104 Naphthalene	128	25.327	25.327	0.000	98	2232756	10.0	9.15	
105 1,2,3-Trichlorobenzene	180	25.759	25.759	0.000	95	786580	10.0	8.74	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00780	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

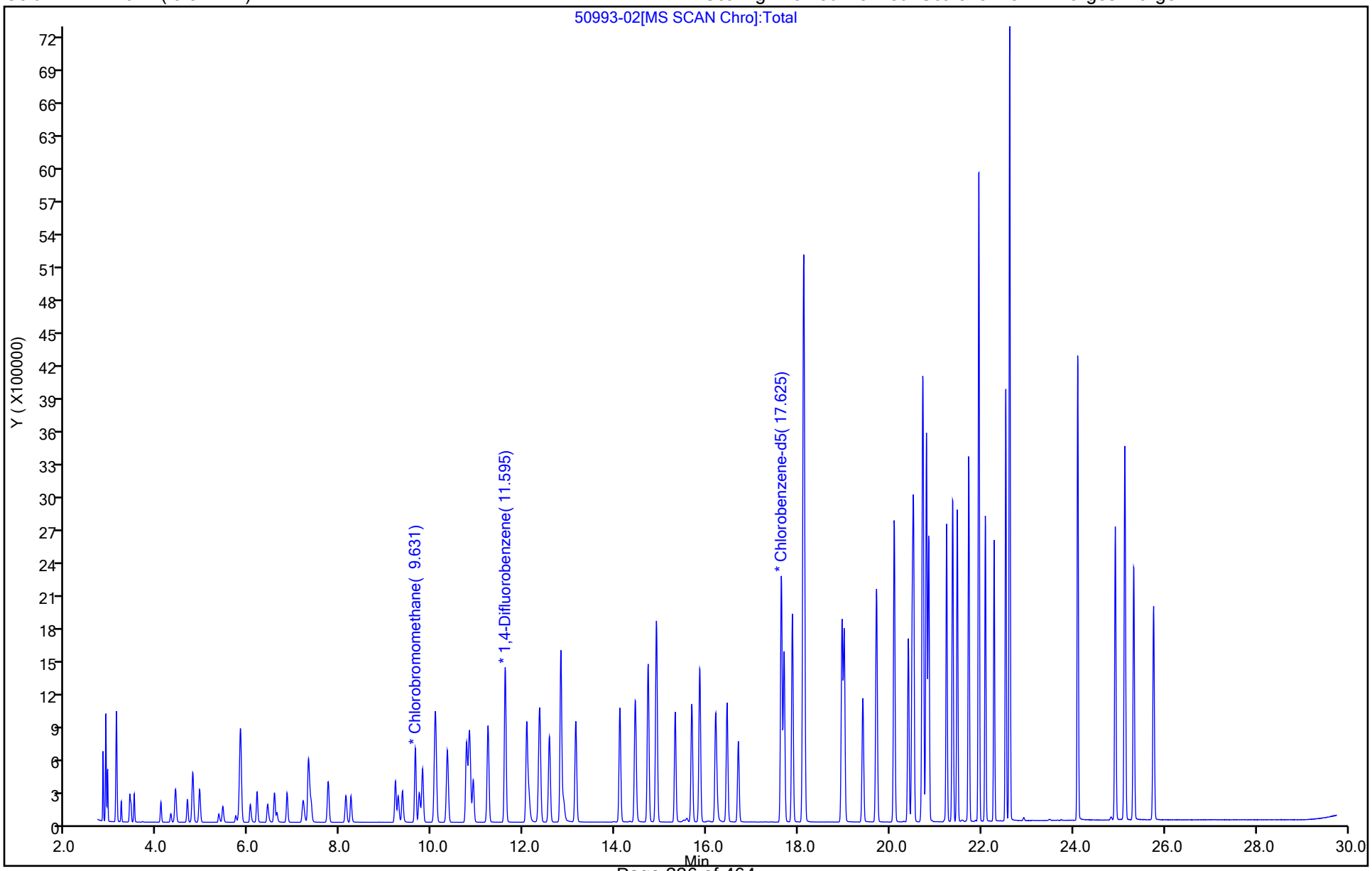
Report Date: 26-May-2022 09:08:30 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-02.D

Injection Date:	25-May-2022 08:07:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-01.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-May-2022 13:19:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0050922-001				
Misc. Info.:	bfb				
Operator ID:	vtp	Instrument ID:	CHC.i		
Method:	\\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\TO15_MasterMethod_(v1)_CHC.i.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	20-May-2022 09:20:44	Calib Date:	20-May-2022 01:00:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	CTX1646				
First Level Reviewer: phamvu		Date:	20-May-2022 09:20:19		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
12 BFB									
* 38 Chlorobromomethane	128		9.636				20.0	ND	
* 49 1,4-Difluorobenzene	114		11.600				20.0	ND	
* 72 Chlorobenzene-d5	117		17.631				20.0	ND	

QC Flag Legend

Processing Flags

Reagents:

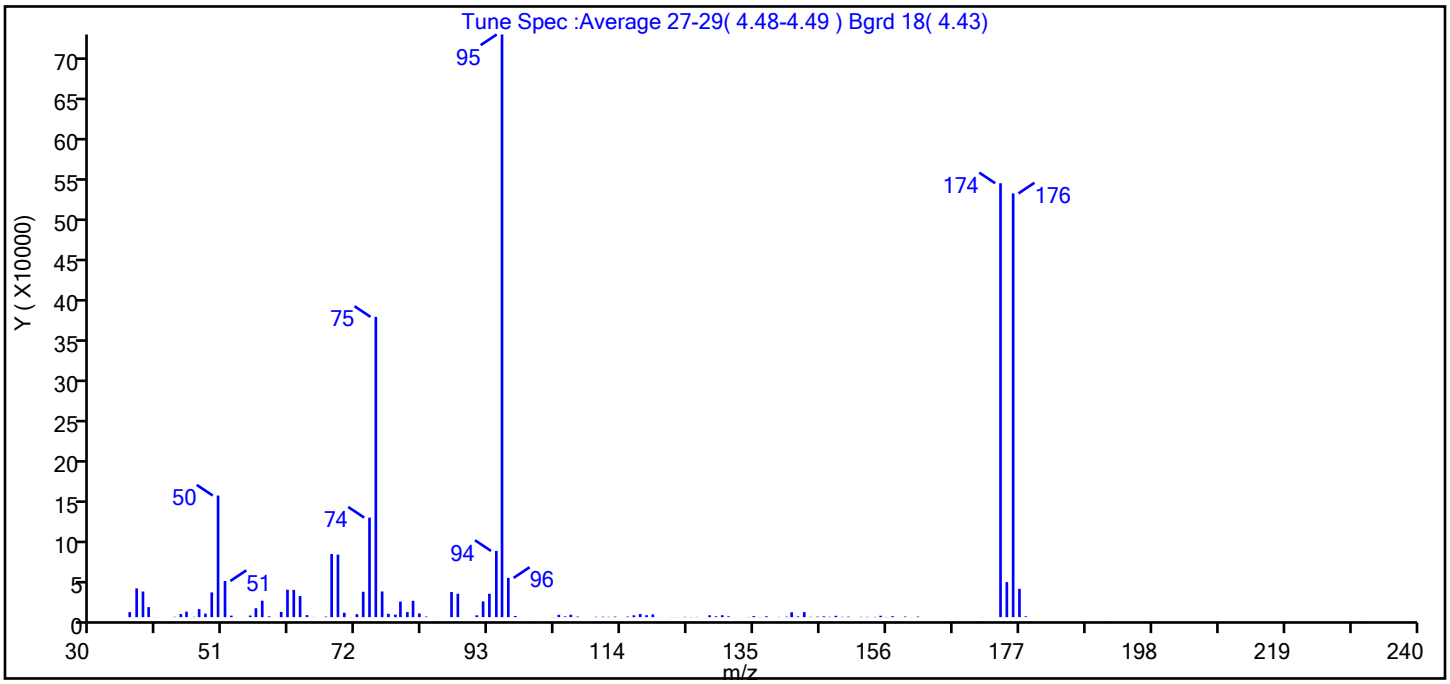
ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-01.D				
Injection Date:	19-May-2022 13:19:30	Instrument ID:	CHC.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Tune Method:	BFB Method TO-15				

12 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	20.9
75	30.0 to 66.0 Percent of m/e 95	51.5
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	74.5
175	4.0 to 9.0 Percent of m/e 174	6.0 (8.1)
176	93.0 to 101.0 Percent of m/e 174	72.7 (97.7)
177	5.0 to 9.0 Percent of m/e 176	4.9 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-01.D\TO15_MasterMethod_(v1)_CHC.i.
Injection Date: 19-May-2022 13:19:30
Spectrum: Tune Spec :Average 27-29(4.48-4.49) Bgrd 18(4.43)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

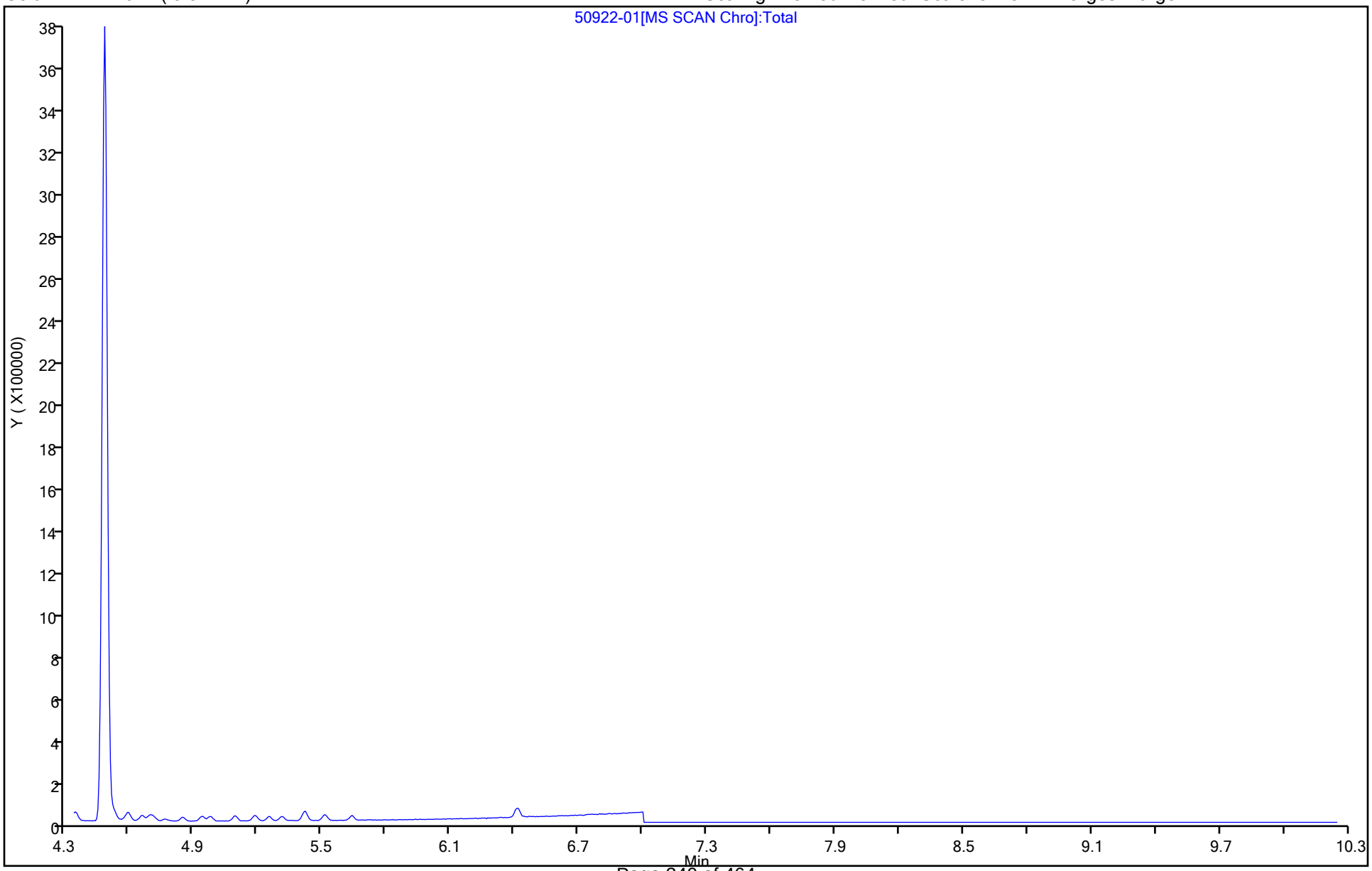
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6258	70.00	5528	107.00	694	142.00	916
37.00	35944	71.00	157	110.00	435	143.00	6317
38.00	32088	72.00	3708	111.00	541	144.00	438
39.00	12568	73.00	31776	112.00	412	145.00	651
40.00	118	74.00	124560	113.00	659	146.00	1047
43.00	384	75.00	375808	115.00	741	147.00	482
44.00	3878	76.00	32160	116.00	2284	148.00	1689
45.00	6891	77.00	4183	117.00	3976	149.00	422
46.00	396	78.00	3131	118.00	2479	150.00	660
47.00	10065	79.00	19520	119.00	3480	152.00	369
48.00	4403	80.00	6289	120.00	115	153.00	375
49.00	30936	81.00	20520	122.00	137	154.00	352
50.00	152192	82.00	4623	123.00	152	155.00	1746
51.00	45232	83.00	772	124.00	378	156.00	259
52.00	1880	85.00	113	125.00	193	157.00	1206
53.00	55	87.00	31440	126.00	305	158.00	53
55.00	2021	88.00	29264	127.00	88	159.00	795
56.00	11212	91.00	2317	128.00	2344	160.00	51
57.00	20592	92.00	19744	129.00	1078	161.00	770
58.00	966	93.00	29224	130.00	2438	171.00	163
60.00	6579	94.00	82872	131.00	1006	174.00	543040
61.00	34328	95.00	729216	132.00	51	175.00	43872
62.00	34104	96.00	49152	134.00	219	176.00	530304
63.00	26424	97.00	1450	135.00	1332	177.00	35472
64.00	2592	100.00	51	136.00	247	178.00	1029
65.00	249	103.00	185	137.00	1145	191.00	56
67.00	712	104.00	2894	139.00	297	232.00	61
68.00	78984	105.00	970	140.00	598		
69.00	78224	106.00	3009	141.00	6081		

Report Date: 20-May-2022 09:20:44 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-01.D				
Injection Date:	19-May-2022 13:19:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 25-May-2022 07:23:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0050993-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 26-May-2022 09:07:50 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: puangmaleek Date: 26-May-2022 09:07:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
12 BFB									
* 38 Chlorobromomethane	128		9.631				20.0	ND	
* 49 1,4-Difluorobenzene	114		11.595				20.0	ND	
* 72 Chlorobenzene-d5	117		17.625				20.0	ND	

QC Flag Legend
Processing Flags

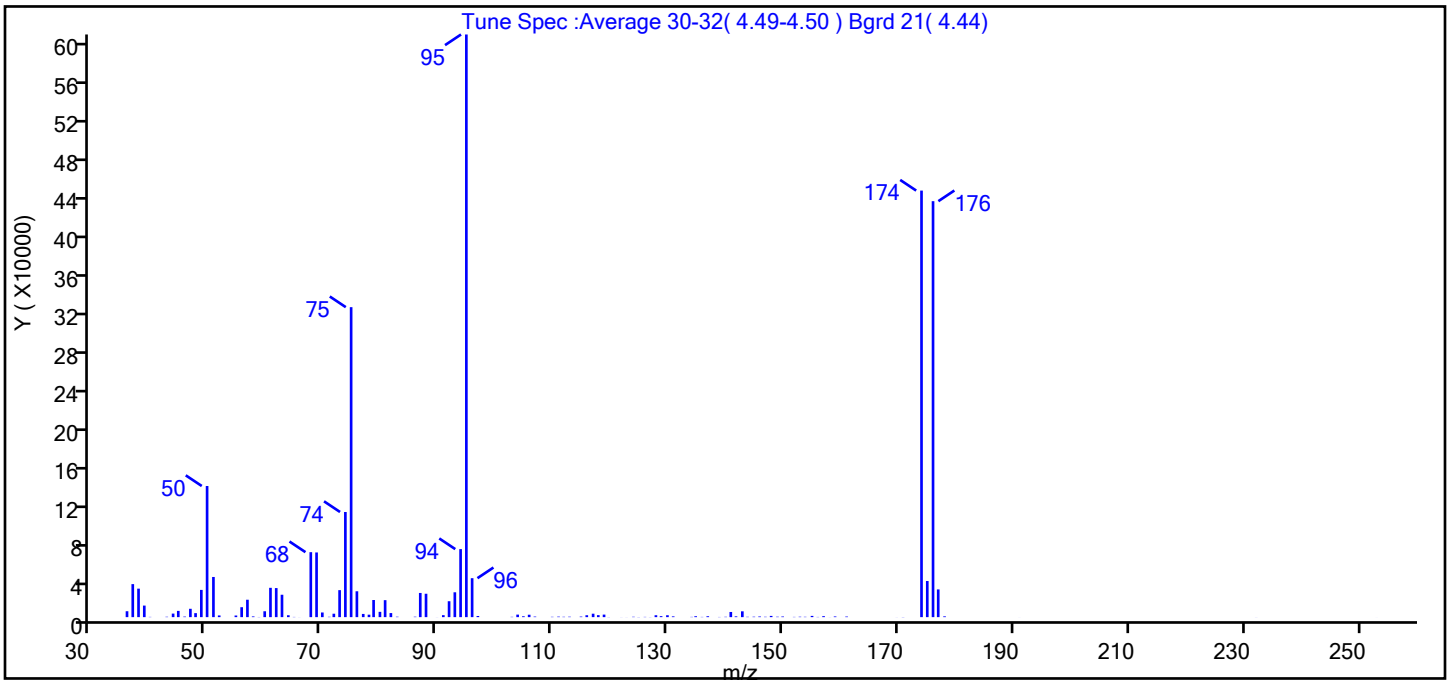
Reagents:
ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-01.D				
Injection Date:	25-May-2022 07:23:30	Instrument ID:	CHC.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Tune Method:	BFB Method TO-15				

12 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	22.5
75	30.0 to 66.0 Percent of m/e 95	53.2
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	73.2
175	4.0 to 9.0 Percent of m/e 174	6.2 (8.5)
176	93.0 to 101.0 Percent of m/e 174	71.4 (97.5)
177	5.0 to 9.0 Percent of m/e 176	4.8 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-01.D\TO15_MasterMethod_(v1)_CHC.i.
Injection Date: 25-May-2022 07:23:30
Spectrum: Tune Spec :Average 30-32(4.49-4.50) Bgrd 21(4.44)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6118	70.00	4813	107.00	582	143.00	6022
37.00	34120	71.00	351	110.00	339	144.00	356
38.00	29440	72.00	3547	111.00	530	145.00	455
39.00	11939	73.00	27896	112.00	368	146.00	676
40.00	253	74.00	108632	113.00	458	147.00	382
43.00	392	75.00	320256	115.00	579	148.00	1280
44.00	3679	76.00	26736	116.00	1983	149.00	436
45.00	6460	77.00	3319	117.00	3563	150.00	653
46.00	565	78.00	2545	118.00	2058	152.00	252
47.00	8629	79.00	17704	119.00	2630	153.00	437
48.00	4136	80.00	5477	120.00	111	154.00	354
49.00	28144	81.00	17544	122.00	59	155.00	1288
50.00	135488	82.00	4199	123.00	54	156.00	212
51.00	41504	83.00	432	124.00	377	157.00	997
52.00	1756	86.00	448	125.00	140	158.00	59
55.00	1687	87.00	24984	126.00	261	159.00	711
56.00	10260	88.00	24168	127.00	109	161.00	613
57.00	17992	90.00	55	128.00	1966	170.00	52
58.00	737	91.00	2043	129.00	1016	171.00	146
59.00	162	92.00	16448	130.00	1959	174.00	440704
60.00	6070	93.00	25680	131.00	786	175.00	37320
61.00	30296	94.00	70280	134.00	265	176.00	429760
62.00	30024	95.00	601984	135.00	937	177.00	28640
63.00	23144	96.00	40248	136.00	234	178.00	800
64.00	1955	97.00	1189	137.00	921	191.00	32
65.00	216	103.00	314	139.00	193	232.00	54
66.00	58	104.00	2618	140.00	357	253.00	22
68.00	67128	105.00	883	141.00	5337		
69.00	66832	106.00	2506	142.00	793		

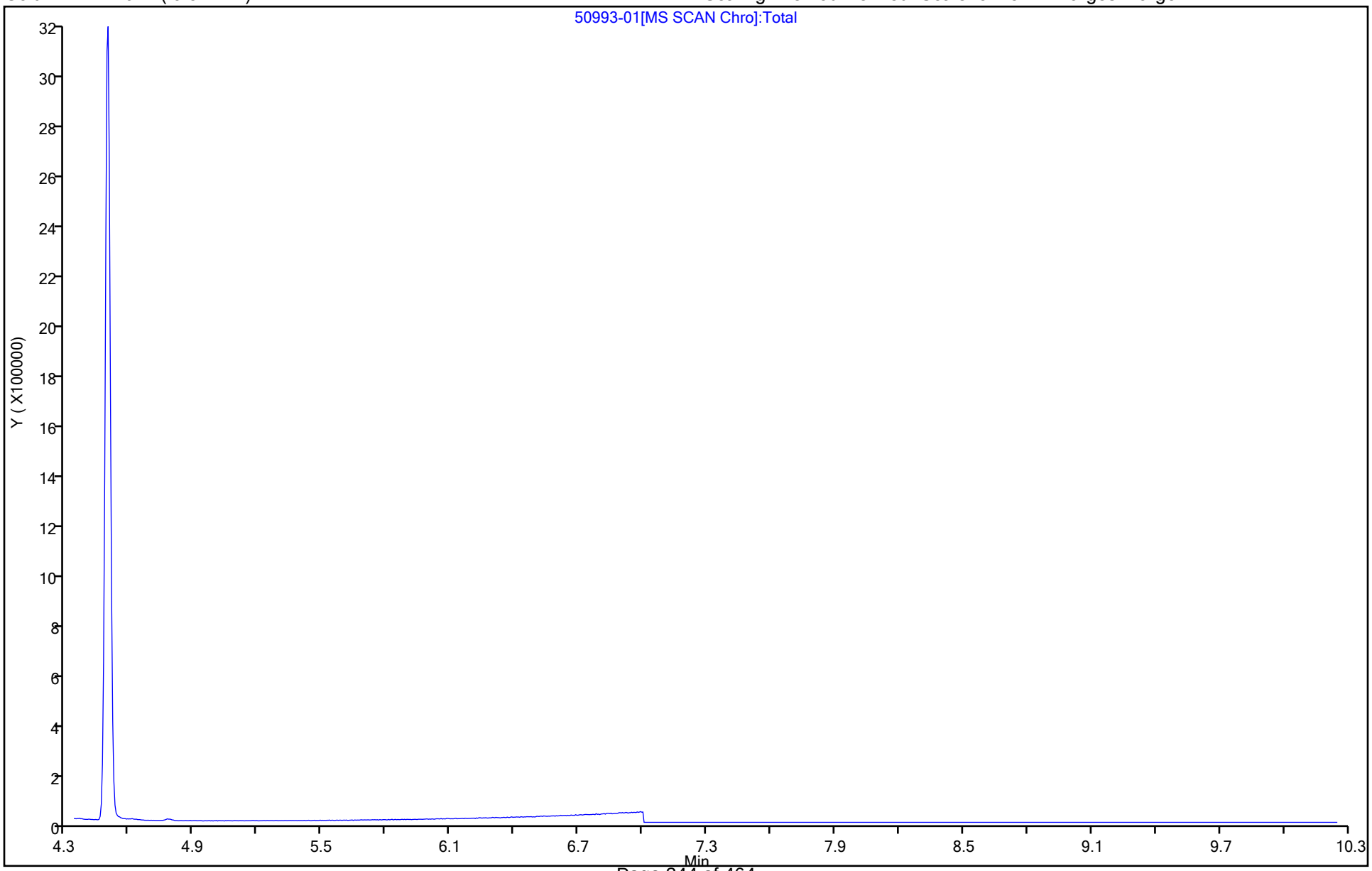
Report Date: 26-May-2022 09:07:51 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-01.D

Injection Date:	25-May-2022 07:23:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: MB 200-180174/4

Matrix: Air Lab File ID: 50993-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:55

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.12
106-97-8	n-Butane	58.12	0.50	U	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	5.0	U	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.20	U	0.20	0.074

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: MB 200-180174/4

Matrix: Air Lab File ID: 50993-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:55

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: MB 200-180174/4

Matrix: Air Lab File ID: 50993-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:55

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.0362	J	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: MB 200-180174/4

Matrix: Air Lab File ID: 50993-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:55

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.25
106-97-8	n-Butane	58.12	1.2	U	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	12	U	12	4.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.64	U	0.64	0.24

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: MB 200-180174/4

Matrix: Air Lab File ID: 50993-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:55

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: MB 200-180174/4

Matrix: Air Lab File ID: 50993-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:55

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	0.386	J	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-04.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 25-May-2022 09:55:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050993-004
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 26-May-2022 09:19:52 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: puangmaleek Date: 26-May-2022 09:19:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.810					ND	U
2 Dichlorodifluoromethane	85	2.874	2.874	0.000	98	3072		0.0453	
3 Chlorodifluoromethane	51	2.911	2.912	-0.001	94	1881		0.0502	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.104					ND	7
5 Chloromethane	50		3.210					ND	U
6 Butane	43	3.392	3.397	-0.005	94	2927		0.1606	
7 Vinyl chloride	62		3.419					ND	
8 Butadiene	54		3.493					ND	
9 Bromomethane	94		4.075					ND	
10 Chloroethane	64		4.294					ND	
11 2-Methylbutane	43	4.400	4.395	0.005	91	1213		0.0721	
13 Vinyl bromide	106		4.657					ND	
14 Trichlorofluoromethane	101		4.769					ND	7
15 Pentane	43	4.918	4.918	0.000	87	2378		0.0975	
16 Ethanol	45		5.340					ND	U
17 Ethyl ether	59		5.425					ND	
18 Acrolein	56		5.708					ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.804					ND	7
20 1,1-Dichloroethene	96		5.815					ND	
21 Acetone	43	6.108	6.028	0.080	98	10034		0.4244	
22 Carbon disulfide	76	6.172	6.178	-0.006	94	903		0.0196	
23 Isopropyl alcohol	45		6.407					ND	7
24 3-Chloro-1-propene	41		6.557					ND	7
25 Acetonitrile	41		6.610					ND	
26 Methylene Chloride	49		6.829					ND	7
28 2-Methyl-2-propanol	59		7.181					ND	
29 trans-1,2-Dichloroethene	61		7.293					ND	7
30 Methyl tert-butyl ether	73		7.320					ND	7
31 Acrylonitrile	53		7.362					ND	
32 Hexane	57	7.725	7.731	-0.006	82	1661		0.0658	
33 1,1-Dichloroethane	63		8.115					ND	7
34 Vinyl acetate	43		8.227					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 cis-1,2-Dichloroethene	96		9.198					ND	7
36 2-Butanone (MEK)	72		9.257					ND	
37 Ethyl acetate	88		9.353					ND	
* 38 Chlorobromomethane	128	9.631	9.631	0.000	89	225761	20.0	20.0	
39 Tetrahydrofuran	42		9.716					ND	
40 Chloroform	83		9.791					ND	
41 1,1,1-Trichloroethane	97		10.063					ND	7
42 Cyclohexane	84		10.079					ND	7
S 43 1,2-Dichloroethene, Total	61		10.200					ND	7
44 Carbon tetrachloride	117	10.335	10.330	0.005	1	389		0.005970	
45 Benzene	78		10.746					ND	7
46 Isooctane	57		10.815					ND	
47 1,2-Dichloroethane	62		10.896					ND	
48 n-Heptane	43	11.221	11.221	0.000	94	3479		0.0559	
* 49 1,4-Difluorobenzene	114	11.595	11.595	0.000	96	1582181	20.0	20.0	
50 Trichloroethene	95		12.064					ND	7
51 n-Butanol	56		12.107					ND	7
53 1,2-Dichloropropane	63		12.561					ND	
A 54 GRO	1	12.595	(4.385-20.805)		0	6869817		0	
56 Dibromomethane	174	12.822	12.822	0.011	92	1087		0.0260	M
55 Methyl methacrylate	69		12.811					ND	
57 1,4-Dioxane	88		12.870					ND	
58 Dichlorobromomethane	83	13.142	13.142	0.005	1	1063		0.0118	7M
59 cis-1,3-Dichloropropene	75		14.103					ND	7
A 60 TVOC as Toluene	1	14.284	(2.800-25.769)		0	6945015		0	
61 4-Methyl-2-pentanone (MIBK)	43		14.434					ND	7
A 63 Toluene Range	1	14.717	(14.677-14.757)		0	15147		NC	
62 Toluene	92	14.743	14.743	0.026	90	2451		0.0254	M
A 65 C8 Range	1	14.898	(14.848-14.948)		0	31462		NC	
64 n-Octane	43	14.903	14.898	0.005	95	7834		0.0523	
66 trans-1,3-Dichloropropene	75		15.309					ND	7
67 1,1,2-Trichloroethane	83		15.672					ND	
68 Tetrachloroethene	166		15.848					ND	7
69 2-Hexanone	43		16.195					ND	
70 Chlorodibromomethane	129	16.451	16.441	0.010	1	1006		0.0121	
71 Ethylene Dibromide	107	16.702	16.686	0.016	0	736		0.009536	
* 72 Chlorobenzene-d5	117	17.625	17.625	0.000	92	1677845	20.0	20.0	
73 Chlorobenzene	112	17.689	17.684	0.005	83	2163		0.0180	
74 Ethylbenzene	91	17.887	17.866	0.021	94	4289		0.0199	
75 n-Nonane	57	18.116	18.106	0.010	92	5575		0.0438	
76 m-Xylene & p-Xylene	106	18.132	18.122	0.010	0	2476		0.0323	
77 o-Xylene	106	18.965	18.954	0.011	16	798		0.0106	
78 Styrene	104	19.034	19.002	0.032	1	1160		0.009473	
80 Bromoform	173		19.408					ND	7
81 Isopropylbenzene	105	19.717	19.707	0.010	91	3163		0.0139	
S 82 Xylenes, Total	106				0			0.0428	
83 1,1,2,2-Tetrachloroethane	83	20.411	20.401	0.010	89	2176		0.0173	
84 1,2,3-Trichloropropane	75		20.486					ND	7
85 N-Propylbenzene	91	20.523	20.513	0.010	97	4752		0.0164	
86 2-Chlorotoluene	91	20.721	20.710	0.011	92	4145		0.0209	
87 4-Ethyltoluene	105	20.737	20.726	0.011	92	4087		0.0178	
88 n-Decane	57		20.795					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 1,3,5-Trimethylbenzene	105	20.849	20.844	0.005	89	3792		0.0200	
90 Alpha Methyl Styrene	118	21.249	21.238	0.011	83	1149		0.0125	
91 tert-Butylbenzene	119	21.372	21.372	0.000	87	3013		0.0172	
92 1,2,4-Trimethylbenzene	105	21.473	21.468	0.005	95	4422		0.0234	
93 sec-Butylbenzene	105	21.729	21.719	0.010	97	5936		0.0212	
95 1,3-Dichlorobenzene	146	21.954	21.938	0.016	94	3604		0.0306	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	94	4636		0.0208	
96 1,4-Dichlorobenzene	146	22.092	22.082	0.010	87	3899		0.0324	
97 Benzyl chloride	91	22.290	22.274	0.016	95	3855		0.0196	
98 n-Butylbenzene	91	22.541	22.530	0.011	97	6581		0.0269	
100 1,2-Dichlorobenzene	146	22.615	22.610	0.005	75	3916		0.0348	
99 Undecane	57		22.615					ND	7
101 Dodecane	57		24.099					ND	7
102 1,2,4-Trichlorobenzene	180	24.937	24.921	0.016	87	3867		0.0351	
103 Hexachlorobutadiene	225	25.134	25.129	0.005	93	3604		0.0362	
104 Naphthalene	128	25.342	25.327	0.016	97	11287		0.0457	
105 1,2,3-Trichlorobenzene	180	25.769	25.759	0.010	93	4509		0.0495	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

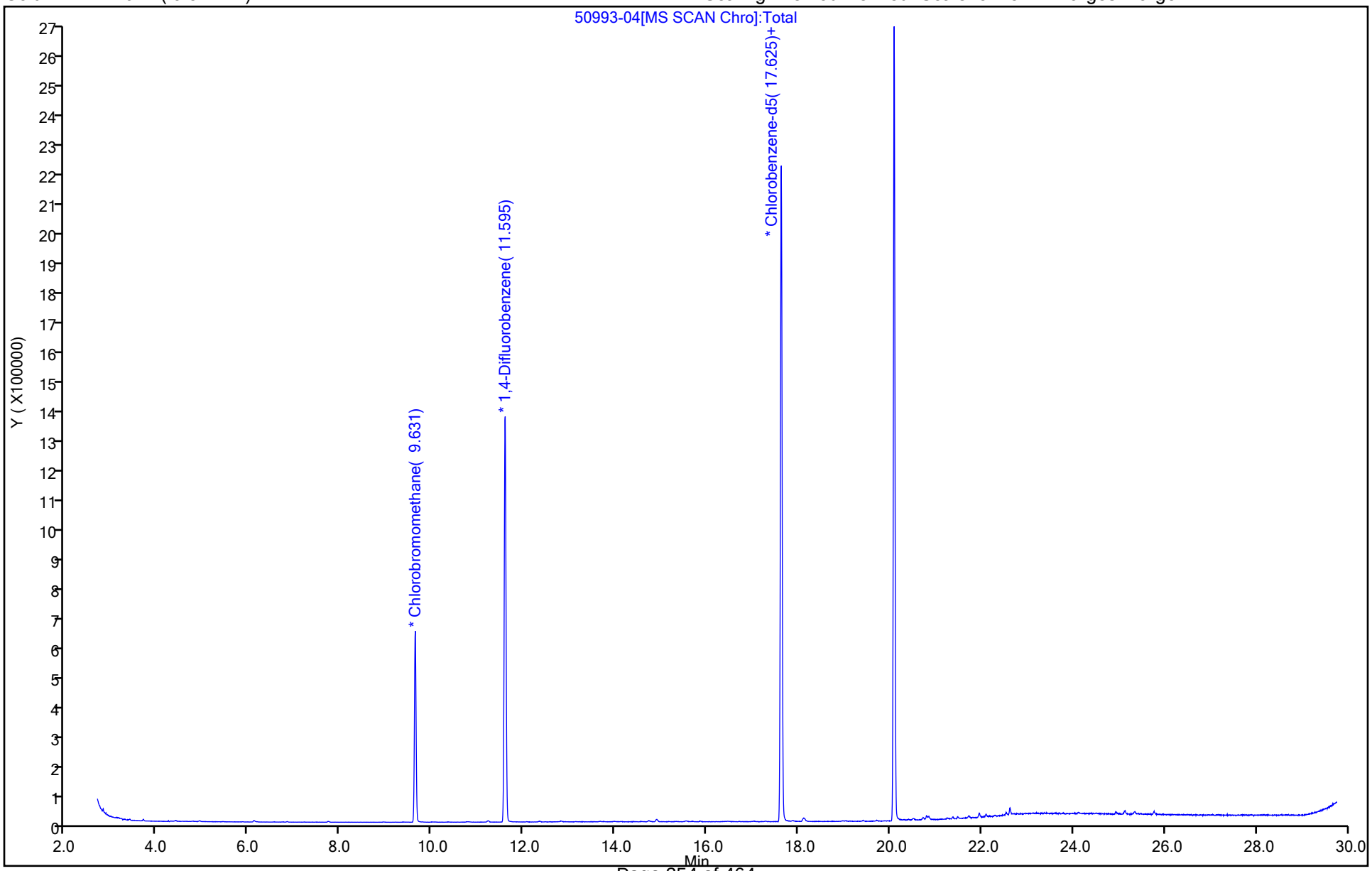
Report Date: 26-May-2022 09:19:53 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-04.D

Injection Date:	25-May-2022 09:55:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



Report Date: 26-May-2022 09:19:54 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-04.D

Injection Date: 25-May-2022 09:55:30 Instrument ID: CHC.i

Lims ID: mb

Client ID:

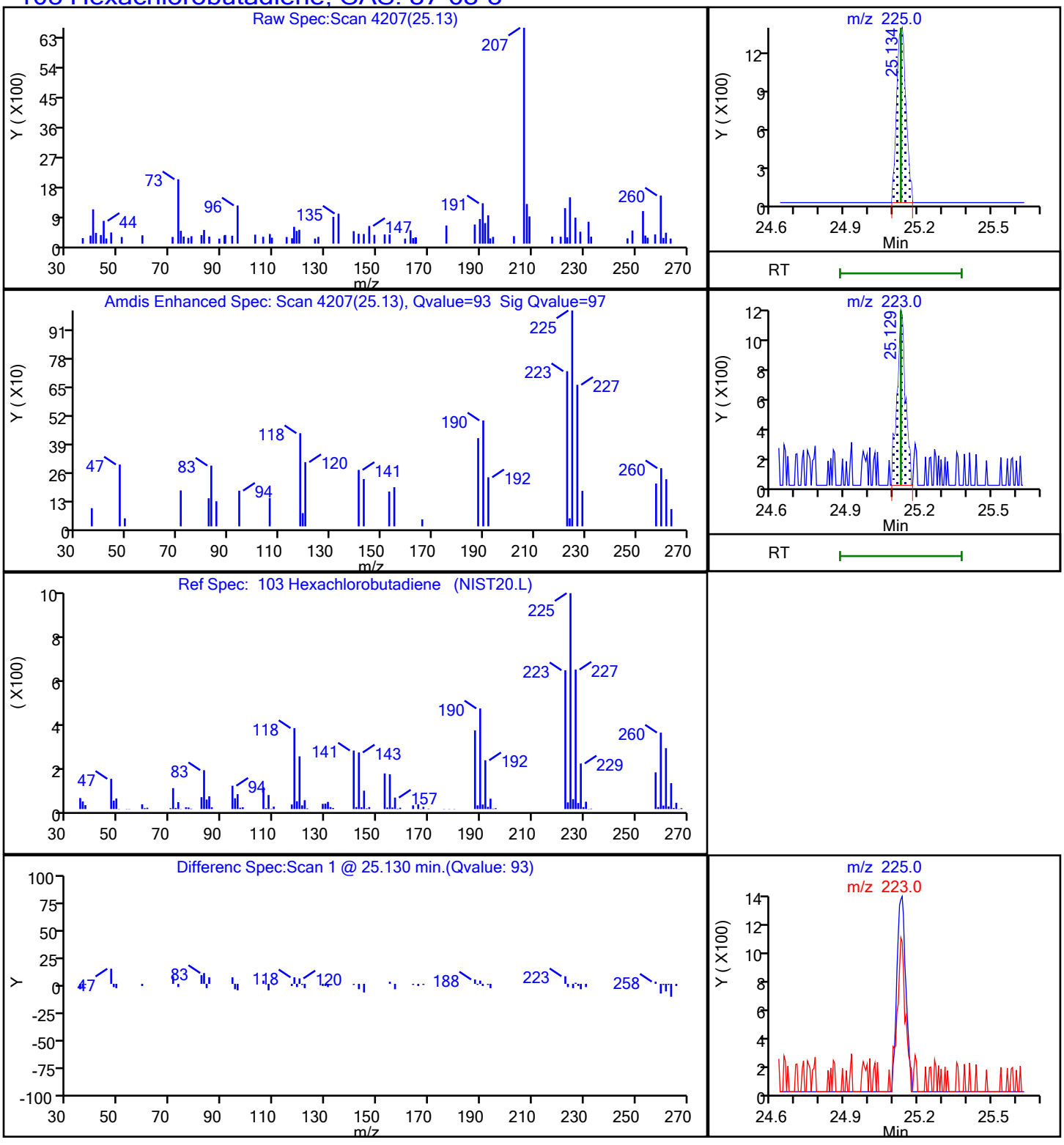
Operator ID: vtp ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

103 Hexachlorobutadiene, CAS: 87-68-3



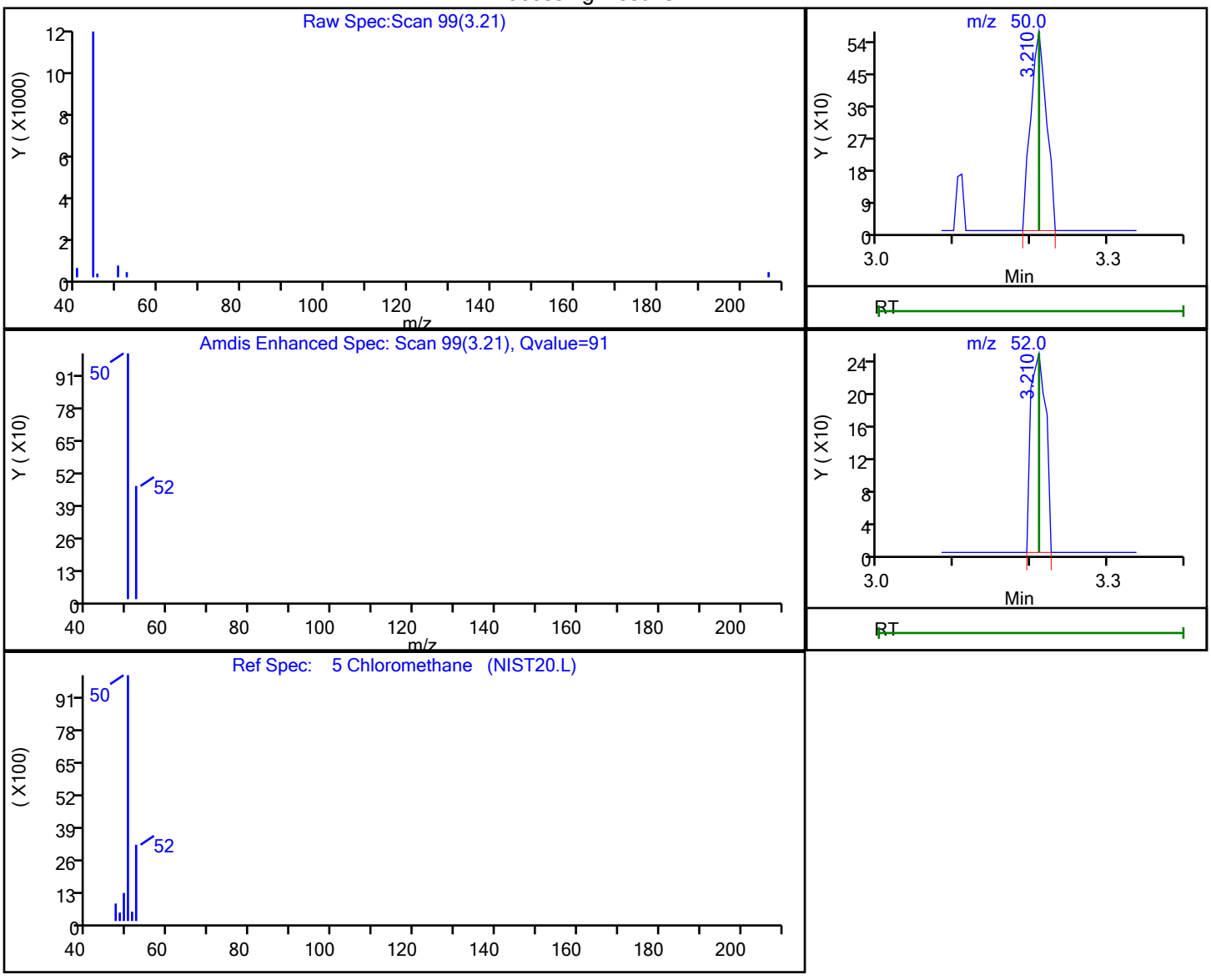
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-04.D				
Injection Date:	25-May-2022 09:55:30	Instrument ID:	CHC.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
3.21	50.00	799	0.052816
3.21	52.00	332	

Reviewer: puangmaleek, 26-May-2022 09:16:13

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

Manual Integration/User Assign Peak Report

Eurofins Burlington

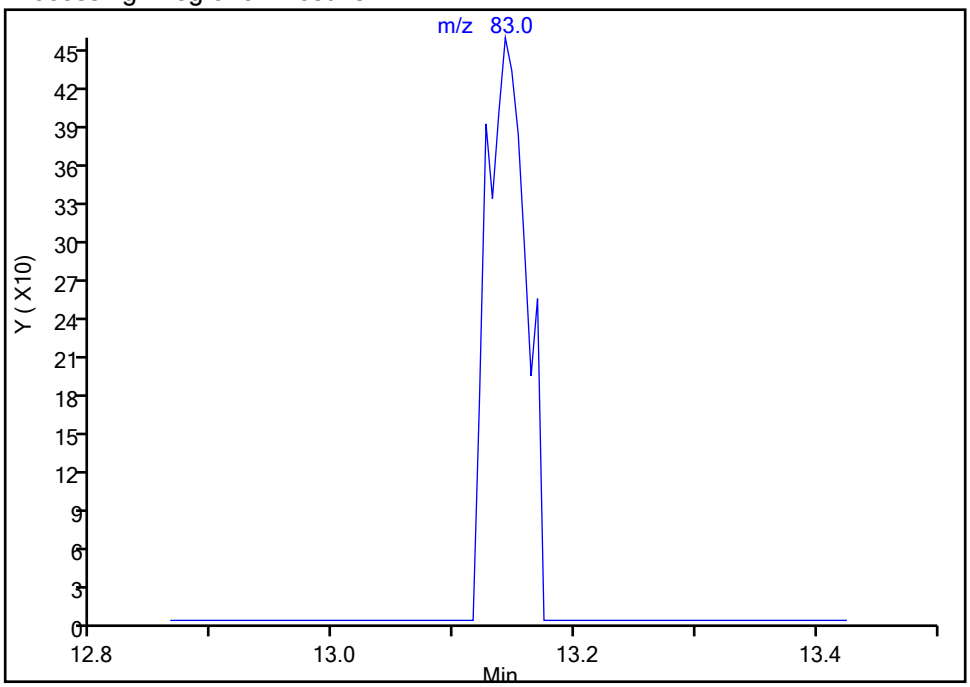
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-04.D				
Injection Date:	25-May-2022 09:55:30	Instrument ID:	CHC.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

58 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

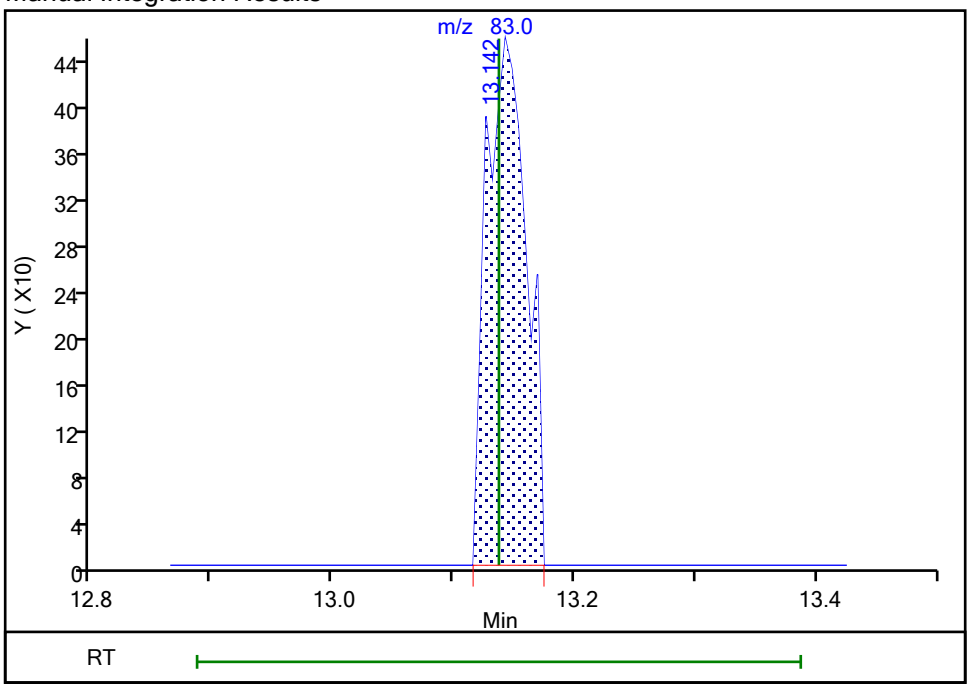
Not Detected
Expected RT: 13.14

Processing Integration Results



Manual Integration Results

RT: 13.14
Area: 1063
Amount: 0.011814
Amount Units: ppb v/v



Reviewer: puangmaleek, 26-May-2022 09:17:50
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

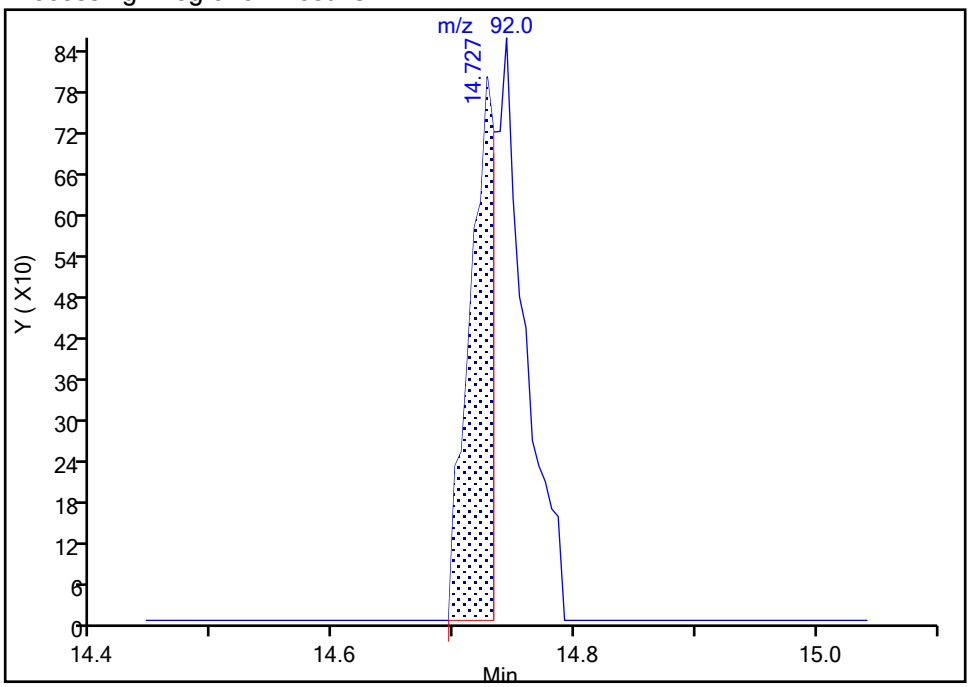
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-04.D
Injection Date: 25-May-2022 09:55:30 Instrument ID: CHC.i
Lims ID: mb
Client ID:
Operator ID: vtp ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

62 Toluene, CAS: 108-88-3

Signal: 1

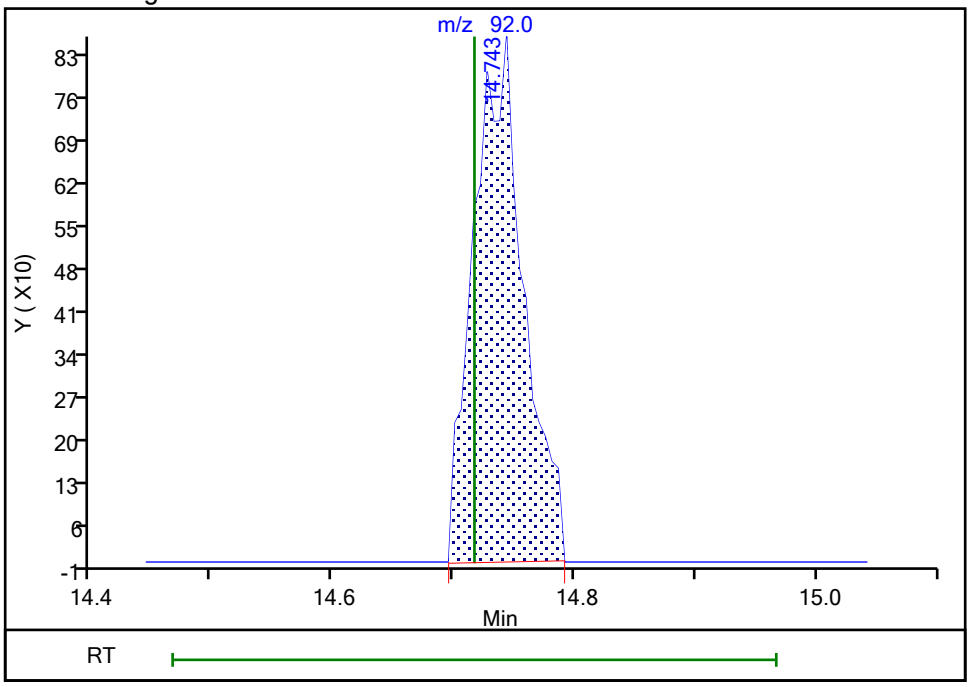
Processing Integration Results

RT: 14.73
Area: 1140
Amount: 0.011809
Amount Units: ppb v/v



Manual Integration Results

RT: 14.74
Area: 2451
Amount: 0.025389
Amount Units: ppb v/v



Reviewer: puangmaleek, 26-May-2022 09:18:00
Audit Action: Manually Integrated Audit Reason: Assign Peak

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: LCS 200-180174/3

Matrix: Air Lab File ID: 50993-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:01

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10.9		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	10.8		0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.2		0.20	0.055
74-87-3	Chloromethane	50.49	10.5		0.50	0.12
106-97-8	n-Butane	58.12	10.8		0.50	0.19
75-01-4	Vinyl chloride	62.50	10.2		0.078	0.028
106-99-0	1,3-Butadiene	54.09	9.58		0.20	0.038
74-83-9	Bromomethane	94.94	10.1		0.20	0.052
75-00-3	Chloroethane	64.52	10.0		0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.57		0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	10.4		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	10.6		0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	9.99		0.050	0.029
67-64-1	Acetone	58.08	12.7		5.0	2.0
67-63-0	Isopropyl alcohol	60.10	9.91		5.0	0.98
75-15-0	Carbon disulfide	76.14	10.6		0.50	0.13
107-05-1	3-Chloropropene	76.53	9.50		0.50	0.11
75-09-2	Methylene Chloride	84.93	11.0		0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	10.9		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	10.7		0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	10.3		0.20	0.088
110-54-3	n-Hexane	86.17	10.4		0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	10.2		0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	10.6		0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	10.0		0.050	0.033
67-66-3	Chloroform	119.38	10.9		0.20	0.046
109-99-9	Tetrahydrofuran	72.11	10.7		5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	10.7		0.20	0.039
110-82-7	Cyclohexane	84.16	10.1		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	10.5		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	10.3		0.20	0.035
71-43-2	Benzene	78.11	10.0		0.20	0.074

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: LCS 200-180174/3

Matrix: Air Lab File ID: 50993-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:01

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	11.1		0.20	0.15
142-82-5	n-Heptane	100.21	10.3		0.20	0.059
79-01-6	Trichloroethene	131.39	10.3		0.037	0.024
80-62-6	Methyl methacrylate	100.12	10.8		0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	10.5		0.20	0.087
123-91-1	1,4-Dioxane	88.11	10.1		5.0	1.7
75-27-4	Bromodichloromethane	163.83	10.8		0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	10.2		0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	11.2		0.50	0.19
108-88-3	Toluene	92.14	10.4		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	10.9		0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	10.3		0.20	0.034
127-18-4	Tetrachloroethene	165.83	9.68		0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.9		0.50	0.20
124-48-1	Dibromochloromethane	208.28	10.3		0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	10.4		0.20	0.046
108-90-7	Chlorobenzene	112.56	10.1		0.20	0.043
100-41-4	Ethylbenzene	106.17	10.5		0.20	0.10
179601-23-1	m,p-Xylene	106.17	20.9		0.50	0.17
95-47-6	o-Xylene	106.17	10.3		0.20	0.094
100-42-5	Styrene	104.15	10.4		0.20	0.032
75-25-2	Bromoform	252.75	9.26		0.20	0.058
98-82-8	Cumene	120.19	10.5		0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.1		0.20	0.043
103-65-1	n-Propylbenzene	120.19	10.4		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	10.3		0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	10.5		0.20	0.044
95-49-8	2-Chlorotoluene	126.59	10.6		0.20	0.048
98-06-6	tert-Butylbenzene	134.22	10.3		0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	10.5		0.20	0.047
135-98-8	sec-Butylbenzene	134.22	10.4		0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	10.6		0.20	0.039

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: Lab Sample ID: LCS 200-180174/3

Matrix: Air Lab File ID: 50993-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 09:01

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	9.77		0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	9.44		0.20	0.095
100-44-7	Benzyl chloride	126.58	9.23		0.20	0.074
104-51-8	n-Butylbenzene	134.22	10.4		0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	9.66		0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	7.65		0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	8.65		0.20	0.031
91-20-3	Naphthalene	128.17	8.18		0.50	0.17

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-03.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 25-May-2022 09:01:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050993-003
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 26-May-2022 09:08:29 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: puangmaleek Date: 26-May-2022 09:15:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	2.815	2.810	0.005	97	226984	10.0	11.0	
2 Dichlorodifluoromethane	85	2.879	2.874	0.005	99	753951	10.0	10.9	
3 Chlorodifluoromethane	51	2.917	2.912	0.005	97	414686	10.0	10.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.109	3.104	0.005	93	578946	10.0	10.2	
5 Chloromethane	50	3.216	3.210	0.006	99	162230	10.0	10.5	
6 Butane	43	3.402	3.397	0.005	95	200298	10.0	10.8	
7 Vinyl chloride	62	3.424	3.419	0.006	100	141612	10.0	10.2	
8 Butadiene	54	3.498	3.493	0.005	97	98668	10.0	9.58	
9 Bromomethane	94	4.080	4.075	0.005	98	121293	10.0	10.1	
12 BFB									
10 Chloroethane	64	4.294	4.294	0.000	98	76312	10.0	10.0	
11 2-Methylbutane	43	4.395	4.395	0.000	90	174924	10.0	10.2	
13 Vinyl bromide	106	4.662	4.657	0.005	98	165280	10.0	9.57	
14 Trichlorofluoromethane	101	4.779	4.769	0.010	98	574844	10.0	10.4	
15 Pentane	43	4.923	4.918	0.005	92	272871	10.0	10.9	
16 Ethanol	45	5.356	5.340	0.016	96	86305	14.7	13.8	
17 Ethyl ether	59	5.436	5.425	0.011	92	116752	10.0	10.3	
18 Acrolein	56	5.719	5.708	0.011	98	37846	10.0	6.14	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.815	5.804	0.011	96	415928	10.0	10.6	
20 1,1-Dichloroethene	96	5.820	5.815	0.005	96	176628	10.0	10.0	
21 Acetone	43	6.033	6.028	0.005	99	306567	10.0	12.7	
22 Carbon disulfide	76	6.178	6.178	0.000	100	500349	10.0	10.6	
23 Isopropyl alcohol	45	6.423	6.407	0.016	100	259514	10.0	9.91	
24 3-Chloro-1-propene	41	6.562	6.557	0.005	96	205092	10.0	9.50	
25 Acetonitrile	41	6.615	6.610	0.005	97	132448	10.0	12.1	
26 Methylene Chloride	49	6.834	6.829	0.005	94	209961	10.0	11.0	
28 2-Methyl-2-propanol	59	7.197	7.181	0.016	99	401542	10.0	10.9	
29 trans-1,2-Dichloroethene	61	7.293	7.293	0.000	97	286603	10.0	10.3	
30 Methyl tert-butyl ether	73	7.325	7.320	0.005	96	595764	10.0	10.7	
31 Acrylonitrile	53	7.368	7.362	0.006	93	124861	10.0	11.3	
32 Hexane	57	7.731	7.731	0.000	89	267367	10.0	10.4	
33 1,1-Dichloroethane	63	8.120	8.115	0.005	99	345906	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	8.232	8.227	0.005	99	316511	10.0	7.35	
35 cis-1,2-Dichloroethene	96	9.198	9.198	0.000	97	223036	10.0	10.0	
36 2-Butanone (MEK)	72	9.262	9.257	0.005	99	107218	10.0	10.6	
37 Ethyl acetate	88	9.353	9.353	0.000	100	18530	10.0	10.6	
* 38 Chlorobromomethane	128	9.636	9.631	0.005	89	230756	20.0	20.0	
39 Tetrahydrofuran	42	9.727	9.716	0.011	89	249372	10.0	10.7	
40 Chloroform	83	9.791	9.791	0.000	96	569033	10.0	10.9	
41 1,1,1-Trichloroethane	97	10.068	10.063	0.005	98	645430	10.0	10.7	
42 Cyclohexane	84	10.079	10.079	0.000	96	342454	10.0	10.1	
S 43 1,2-Dichloroethene, Total	61				0		20.0	20.3	
44 Carbon tetrachloride	117	10.335	10.330	0.005	98	681822	10.0	10.5	
45 Benzene	78	10.751	10.746	0.005	97	919804	10.0	10.0	
46 Isooctane	57	10.810	10.815	-0.005	98	1521025	10.0	10.3	
47 1,2-Dichloroethane	62	10.895	10.896	-0.001	92	485485	10.0	11.1	
48 n-Heptane	43	11.221	11.221	0.000	95	640253	10.0	10.3	
* 49 1,4-Difluorobenzene	114	11.600	11.595	0.005	96	1573481	20.0	20.0	
50 Trichloroethene	95	12.069	12.064	0.005	94	512526	10.0	10.3	
51 n-Butanol	56	12.128	12.107	0.021	92	206618	10.0	8.50	
53 1,2-Dichloropropane	63	12.560	12.561	-0.001	88	511516	10.0	10.5	
A 54 GRO	1	12.595	(4.385-20.805)		0	176052025	649.9	0	
56 Dibromomethane	174	12.811	12.811	0.000	91	413132	10.0	9.93	
55 Methyl methacrylate	69	12.817	12.811	0.006	91	484835	10.0	10.8	
57 1,4-Dioxane	88	12.875	12.870	0.005	98	238156	10.0	10.1	
58 Dichlorobromomethane	83	13.137	13.137	0.000	98	967131	10.0	10.8	
59 cis-1,3-Dichloropropene	75	14.098	14.103	-0.005	97	893763	10.0	10.2	
A 60 TVOC as Toluene	1	14.284	(2.800-25.769)		0	283567709	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	14.439	14.434	0.005	96	1497044	10.0	11.2	
A 63 Toluene Range	1	14.717	(14.677-14.757)		0	4287813	NC	NC	
62 Toluene	92	14.717	14.717	0.000	92	985235	10.0	10.4	
A 65 C8 Range	1	14.898	(14.848-14.948)		0	5520428	NC	NC	
64 n-Octane	43	14.898	14.898	0.000	98	1649018	10.0	11.1	
66 trans-1,3-Dichloropropene	75	15.309	15.309	0.000	97	833053	10.0	10.9	
67 1,1,2-Trichloroethane	83	15.672	15.672	0.000	96	493460	10.0	10.3	
68 Tetrachloroethene	166	15.843	15.848	-0.005	92	647404	10.0	9.68	
69 2-Hexanone	43	16.195	16.195	0.000	91	1435146	10.0	10.9	
70 Chlorodibromomethane	129	16.440	16.441	-0.001	97	840647	10.0	10.3	
71 Ethylene Dibromide	107	16.686	16.686	0.000	100	791784	10.0	10.4	
* 72 Chlorobenzene-d5	117	17.625	17.625	0.000	92	1650053	20.0	20.0	
73 Chlorobenzene	112	17.684	17.684	0.000	89	1195849	10.0	10.1	
74 Ethylbenzene	91	17.865	17.866	-0.001	99	2228912	10.0	10.5	
75 n-Nonane	57	18.106	18.106	0.000	95	1357889	10.0	10.9	
76 m-Xylene & p-Xylene	106	18.122	18.122	0.000	0	1577891	20.0	20.9	
77 o-Xylene	106	18.954	18.954	0.000	97	766900	10.0	10.3	
78 Styrene	104	18.997	19.002	-0.005	98	1257359	10.0	10.4	
80 Bromoform	173	19.408	19.408	0.000	93	695888	10.0	9.26	
81 Isopropylbenzene	105	19.707	19.707	0.000	99	2344948	10.0	10.5	
S 82 Xylenes, Total	106				0		30.0	31.2	
83 1,1,2,2-Tetrachloroethane	83	20.400	20.401	-0.001	98	1246827	10.0	10.1	
84 1,2,3-Trichloropropane	75	20.486	20.486	0.000	97	1122067	10.0	10.8	
85 N-Propylbenzene	91	20.512	20.513	-0.001	98	2979867	10.0	10.4	
86 2-Chlorotoluene	91	20.710	20.710	0.000	96	2066805	10.0	10.6	
87 4-Ethyltoluene	105	20.726	20.726	0.000	97	2323496	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 n-Decane	57	20.795	20.795	0.000	86	1803753	10.0	11.0	
89 1,3,5-Trimethylbenzene	105	20.843	20.844	-0.001	91	1959429	10.0	10.5	
90 Alpha Methyl Styrene	118	21.238	21.238	0.000	83	923576	10.0	10.2	
91 tert-Butylbenzene	119	21.372	21.372	0.000	89	1776029	10.0	10.3	
92 1,2,4-Trimethylbenzene	105	21.468	21.468	0.000	99	1951347	10.0	10.5	
93 sec-Butylbenzene	105	21.719	21.719	0.000	98	2859969	10.0	10.4	
95 1,3-Dichlorobenzene	146	21.937	21.938	-0.001	72	1132431	10.0	9.77	
94 4-Isopropyltoluene	119	21.943	21.943	0.000	96	2327784	10.0	10.6	
96 1,4-Dichlorobenzene	146	22.082	22.082	0.000	89	1115830	10.0	9.44	
97 Benzyl chloride	91	22.274	22.274	0.000	97	1782970	10.0	9.23	
98 n-Butylbenzene	91	22.530	22.530	0.000	98	2499095	10.0	10.4	
100 1,2-Dichlorobenzene	146	22.610	22.610	0.000	89	1069905	10.0	9.66	
99 Undecane	57	22.615	22.615	0.000	95	1965446	10.0	11.6	
101 Dodecane	57	24.099	24.099	0.000	93	1896969	10.0	10.6	
102 1,2,4-Trichlorobenzene	180	24.921	24.921	0.000	93	827677	10.0	7.65	
103 Hexachlorobutadiene	225	25.129	25.129	0.000	97	847235	10.0	8.65	
104 Naphthalene	128	25.326	25.327	0.000	98	1987561	10.0	8.18	
105 1,2,3-Trichlorobenzene	180	25.759	25.759	0.000	93	719945	10.0	8.03	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00840	Amount Added: 200.00	Units: mL	
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

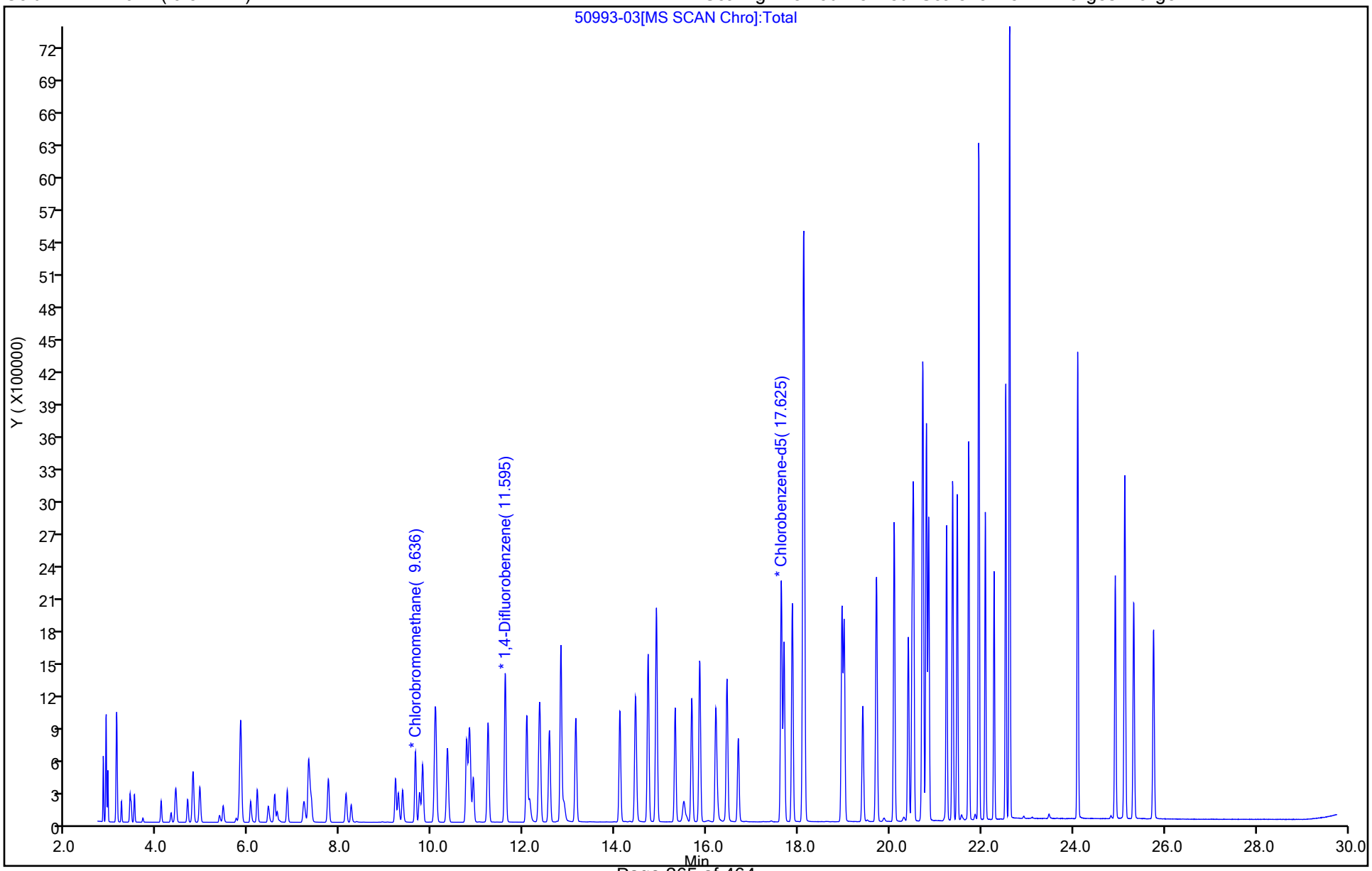
Report Date: 26-May-2022 09:15:33 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-03.D

Injection Date:	25-May-2022 09:01:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	lcs			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 DU Lab Sample ID: 200-63486-1 DU

Matrix: Air Lab File ID: 50993-15.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 19:48

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.775		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.558		0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.359	J	0.50	0.12
106-97-8	n-Butane	58.12	2.40		0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.0937	J	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.180	J	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	4.98	J	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	3.27	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.682		0.50	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	3.39		0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.0534	J	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.524		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.0519		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.800		0.20	0.035
71-43-2	Benzene	78.11	1.11		0.20	0.074

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 DU Lab Sample ID: 200-63486-1 DU

Matrix: Air Lab File ID: 50993-15.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 19:48

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15
142-82-5	n-Heptane	100.21	0.444		0.20	0.059
79-01-6	Trichloroethene	131.39	0.0437		0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.191	J	0.50	0.19
108-88-3	Toluene	92.14	3.08		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.0303	J	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.423		0.20	0.10
179601-23-1	m,p-Xylene	106.17	1.48		0.50	0.17
95-47-6	o-Xylene	106.17	0.499		0.20	0.094
100-42-5	Styrene	104.15	0.0645	J	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.0697	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.115	J	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.109	J	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.383		0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039

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

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Client Sample ID: SS-VENT PORT-3 DU Lab Sample ID: 200-63486-1 DU

Matrix: Air Lab File ID: 50993-15.D

Analysis Method: TO-15 Date Collected: 05/20/2022 13:35

Sample wt/vol: 200(mL) Date Analyzed: 05/25/2022 19:48

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 180174 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D
Lims ID: 200-63486-A-1 DU
Client ID:
Sample Type: Client
Inject. Date: 25-May-2022 19:48:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050993-015
Misc. Info.: 63486-1du
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 26-May-2022 10:59:01 Calib Date: 20-May-2022 01:00:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220519-50922.b\50922-14.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: puangmaleek Date: 26-May-2022 10:59:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	2.869	2.874	-0.005	99	55137	0.7751	
3 Chlorodifluoromethane	51	2.906	2.912	-0.006	97	21903	0.5576	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.104				ND	
5 Chloromethane	50	3.210	3.210	0.000	98	5699	0.3595	
6 Butane	43	3.392	3.397	-0.005	96	45851	2.40	
7 Vinyl chloride	62		3.419				ND	
8 Butadiene	54	3.493	3.493	0.000	90	989	0.0937	
9 Bromomethane	94		4.075				ND	
10 Chloroethane	64		4.294				ND	
13 Vinyl bromide	106		4.657				ND	
14 Trichlorofluoromethane	101	4.769	4.771	0.000	97	10214	0.1800	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.809	5.804	0.005	28	1988	0.0493	
20 1,1-Dichloroethene	96		5.815				ND	
21 Acetone	43	6.034	6.028	0.006	99	123483	4.98	
22 Carbon disulfide	76	6.167	6.178	-0.011	95	3691	0.0764	
23 Isopropyl alcohol	45	6.461	6.407	0.054	99	87835	3.27	
24 3-Chloro-1-propene	41		6.557				ND	U
26 Methylene Chloride	49	6.834	6.829	0.005	72	2397	0.1221	
28 2-Methyl-2-propanol	59	7.266	7.181	0.085	96	13994	0.3706	
29 trans-1,2-Dichloroethene	61		7.293				ND	
30 Methyl tert-butyl ether	73		7.320				ND	
32 Hexane	57	7.731	7.735	0.000	88	18054	0.6821	
33 1,1-Dichloroethane	63		8.115				ND	U
35 cis-1,2-Dichloroethene	96		9.198				ND	
36 2-Butanone (MEK)	72	9.268	9.262	0.011	99	35005	3.39	
* 38 Chlorobromomethane	128	9.631	9.631	0.000	90	236594	20.0	
39 Tetrahydrofuran	42	9.769	9.716	0.053	68	2689	0.1120	
40 Chloroform	83	9.791	9.812	0.000	77	2864	0.0534	
41 1,1,1-Trichloroethane	97		10.063				ND	U
42 Cyclohexane	84	10.074	10.079	-0.005	97	18365	0.5245	
44 Carbon tetrachloride	117	10.335	10.330	0.005	93	3476	0.0519	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	10.746	10.746	0.000	97	105169	1.11	
46 Isooctane	57	10.815	10.815	0.000	98	122257	0.7995	
47 1,2-Dichloroethane	62		10.896				ND	
48 n-Heptane	43	11.221	11.221	0.000	94	28461	0.4443	
* 49 1,4-Difluorobenzene	114	11.595	11.595	0.000	96	1627474	20.0	
50 Trichloroethene	95	12.070	12.064	0.006	89	2258	0.0437	
53 1,2-Dichloropropane	63		12.561				ND	
55 Methyl methacrylate	69		12.811				ND	
57 1,4-Dioxane	88		12.870				ND	
58 Dichlorobromomethane	83		13.137				ND	
59 cis-1,3-Dichloropropene	75		14.103				ND	
61 4-Methyl-2-pentanone (MIBK)	43	14.482	14.434	0.048	97	26382	0.1911	
62 Toluene	92	14.711	14.743	-0.006	91	299475	3.08	
66 trans-1,3-Dichloropropene	75		15.309				ND	U
67 1,1,2-Trichloroethane	83		15.672				ND	
68 Tetrachloroethene	166	15.843	15.843	-0.005	85	2081	0.0303	M
69 2-Hexanone	43	16.248	16.248	0.053	91	7753	0.0574	7M
70 Chlorodibromomethane	129		16.441				ND	
71 Ethylene Dibromide	107		16.686				ND	
* 72 Chlorobenzene-d5	117	17.625	17.625	0.000	93	1691838	20.0	
73 Chlorobenzene	112		17.684				ND	
74 Ethylbenzene	91	17.871	17.866	0.005	100	91711	0.4225	
76 m-Xylene & p-Xylene	106	18.122	18.122	0.000	0	114320	1.48	
77 o-Xylene	106	18.954	18.954	0.000	97	37986	0.4990	
78 Styrene	104	19.013	19.002	0.011	78	7960	0.0645	
80 Bromoform	173		19.408				ND	
81 Isopropylbenzene	105	19.701	19.701	-0.006	78	6546	0.0286	M
83 1,1,2,2-Tetrachloroethane	83		20.401				ND	7
85 N-Propylbenzene	91	20.518	20.513	0.005	98	20420	0.0697	
86 2-Chlorotoluene	91		20.710				ND	U
87 4-Ethyltoluene	105	20.726	20.726	0.000	98	26560	0.1148	
89 1,3,5-Trimethylbenzene	105	20.849	20.843	0.005	90	20841	0.1093	
91 tert-Butylbenzene	119		21.372				ND	U
92 1,2,4-Trimethylbenzene	105	21.473	21.479	0.005	97	73076	0.3827	
93 sec-Butylbenzene	105		21.719				ND	U
95 1,3-Dichlorobenzene	146		21.938				ND	U
94 4-Isopropyltoluene	119	21.938	21.943	-0.005	96	5920	0.0263	
96 1,4-Dichlorobenzene	146		22.082				ND	7
97 Benzyl chloride	91		22.274				ND	U
98 n-Butylbenzene	91	22.525	22.530	-0.005	82	3659	0.0148	
100 1,2-Dichlorobenzene	146		22.610				ND	7
102 1,2,4-Trichlorobenzene	180		24.921				ND	
103 Hexachlorobutadiene	225		25.129				ND	
104 Naphthalene	128	25.337	25.327	0.011	97	9329	0.0374	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

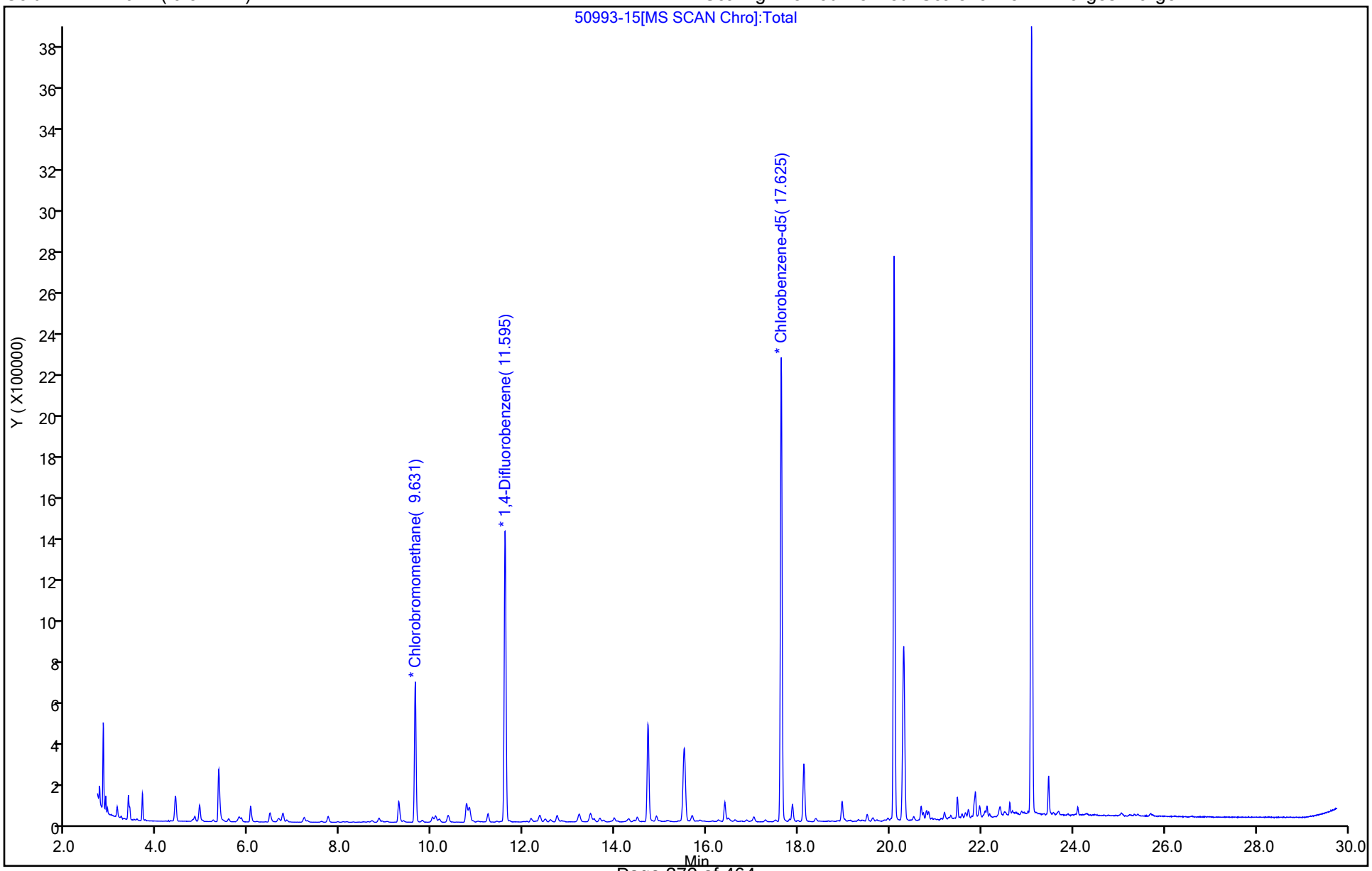
Report Date: 26-May-2022 10:59:01 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1	Worklist Smp#:	15
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



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Eurofins Burlington

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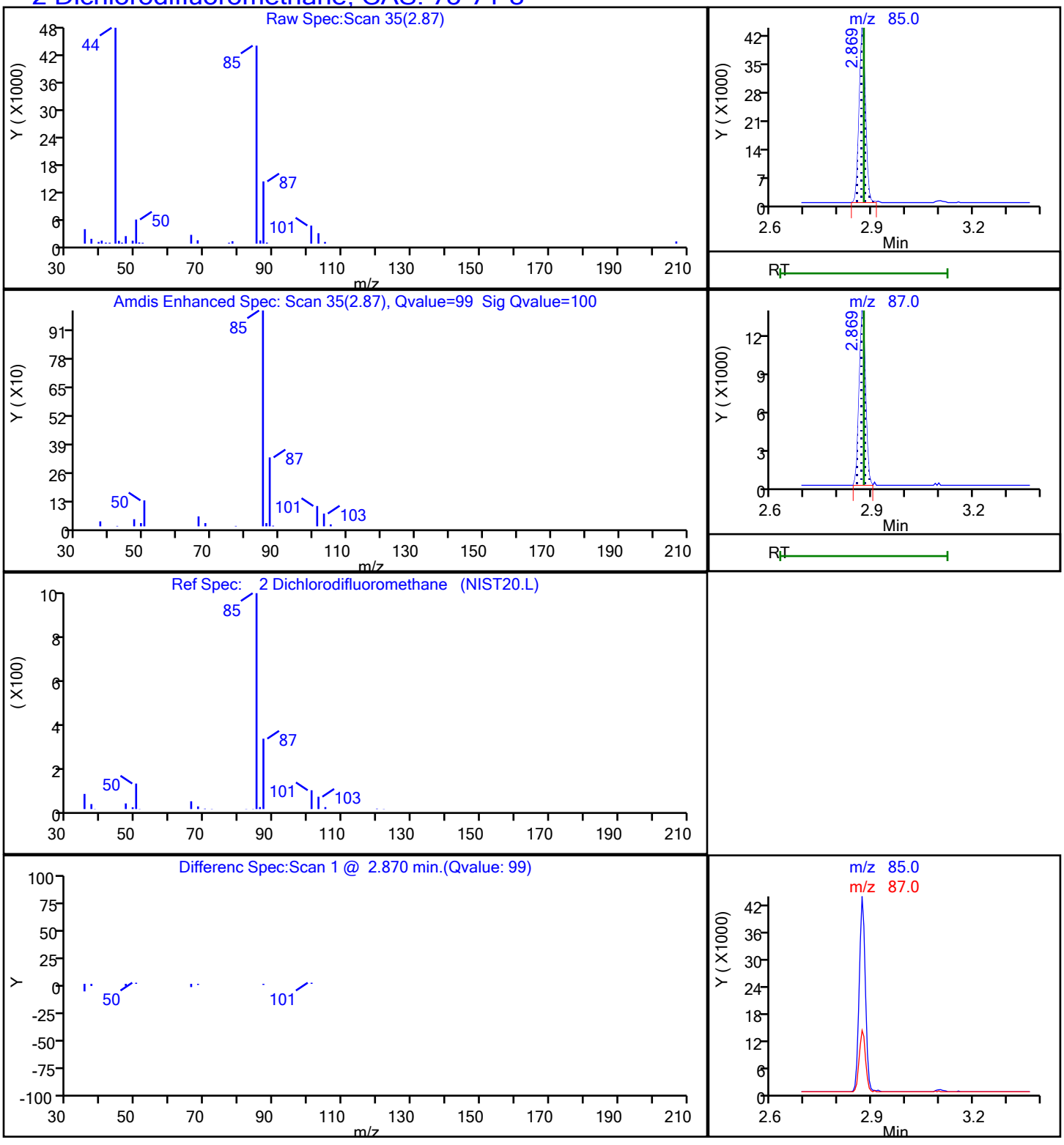
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8



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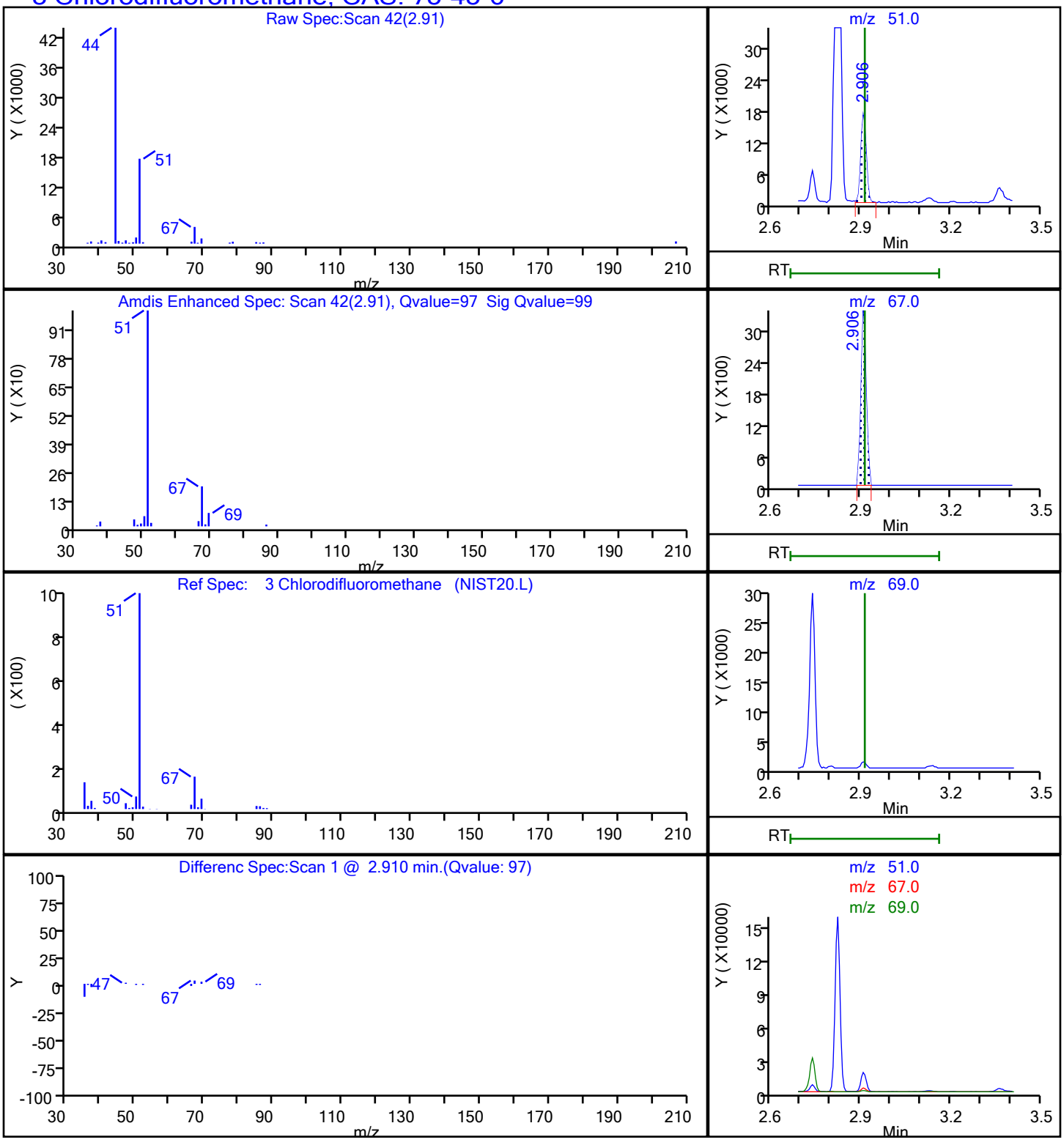
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



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Eurofins Burlington

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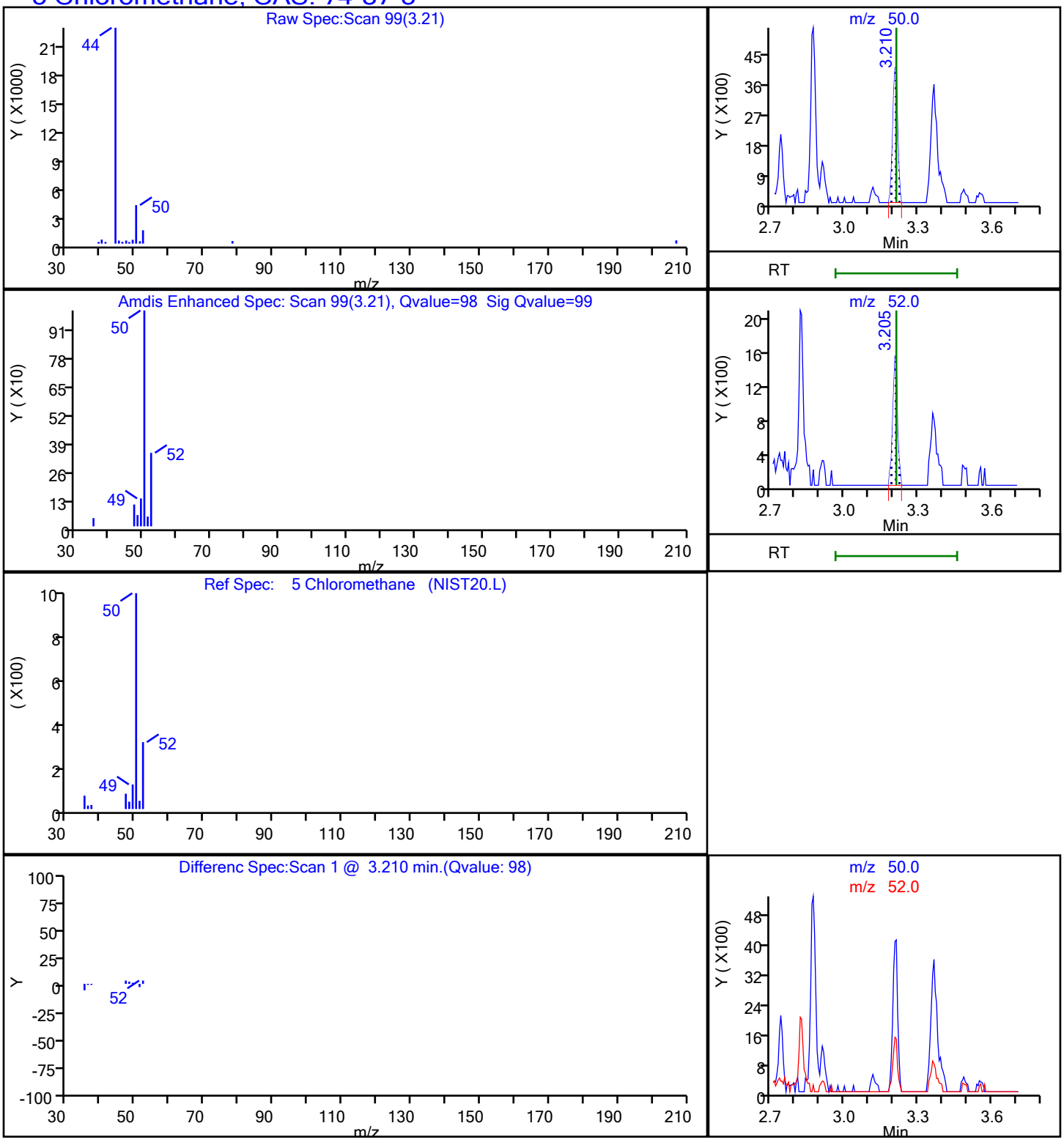
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3



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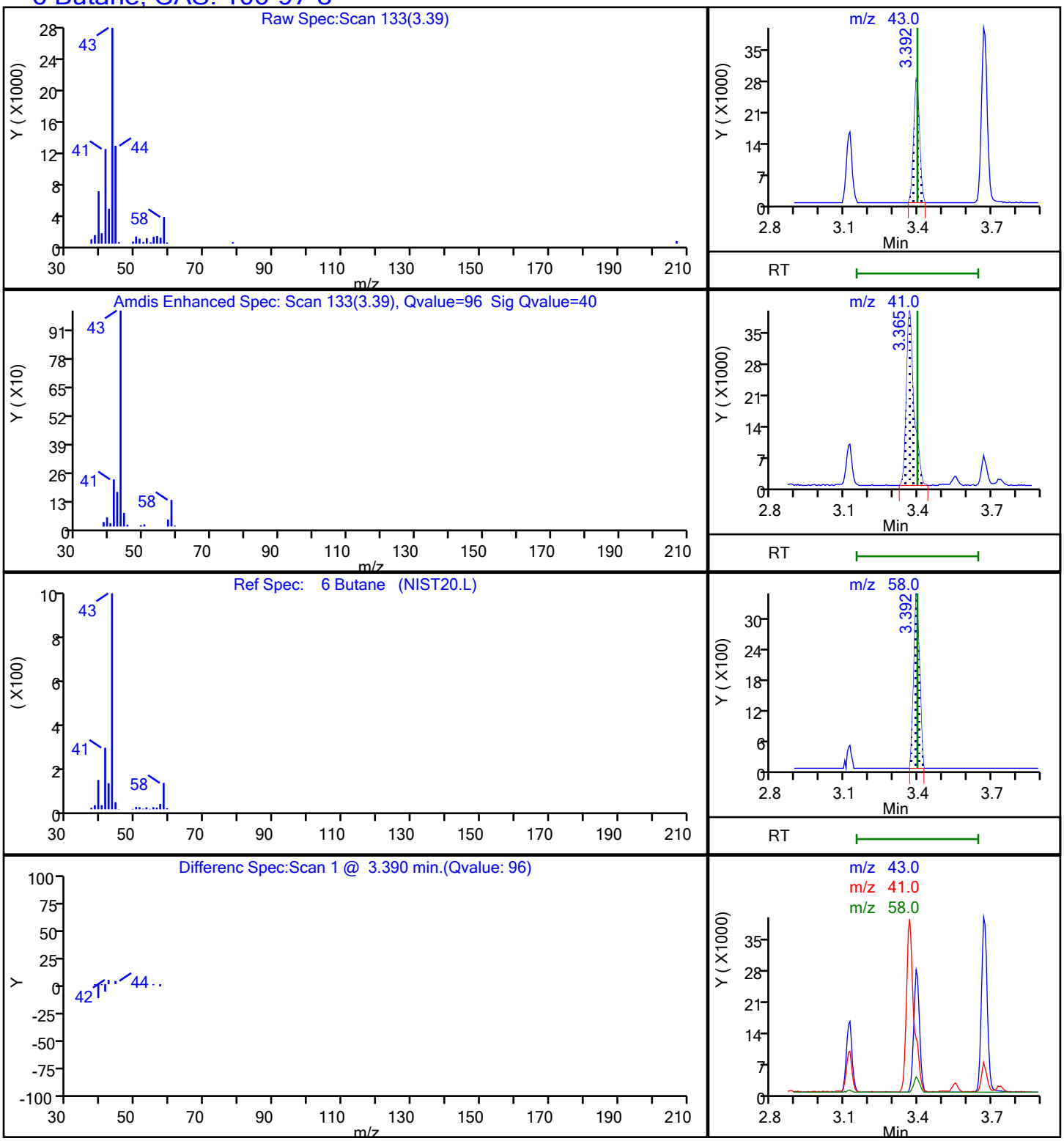
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8



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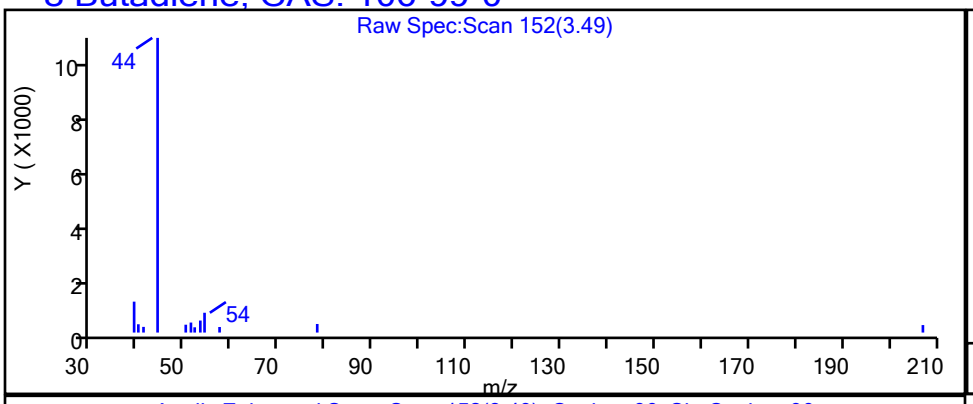
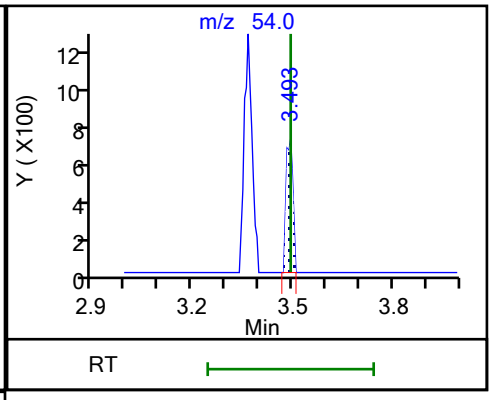
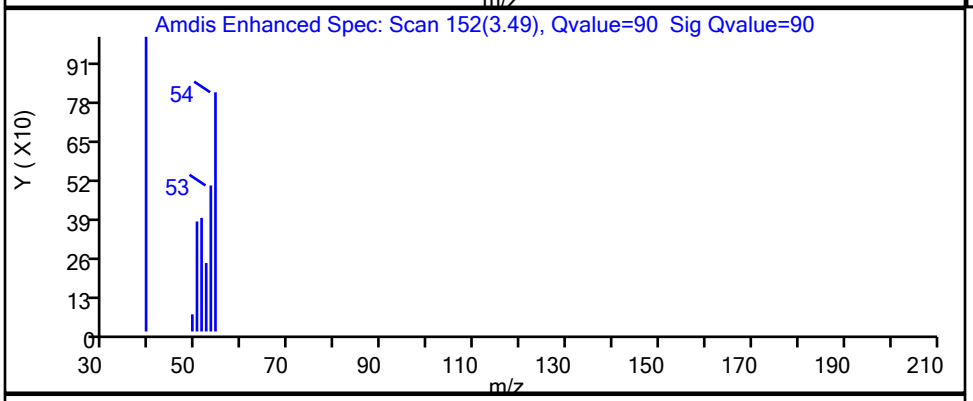
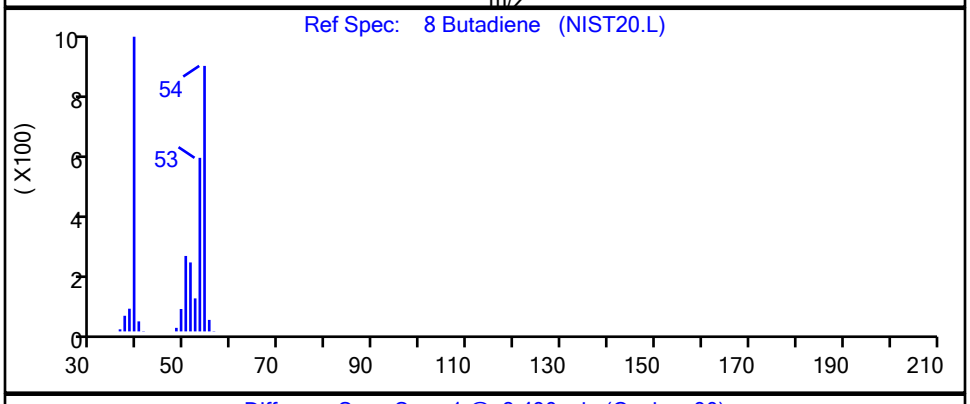
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

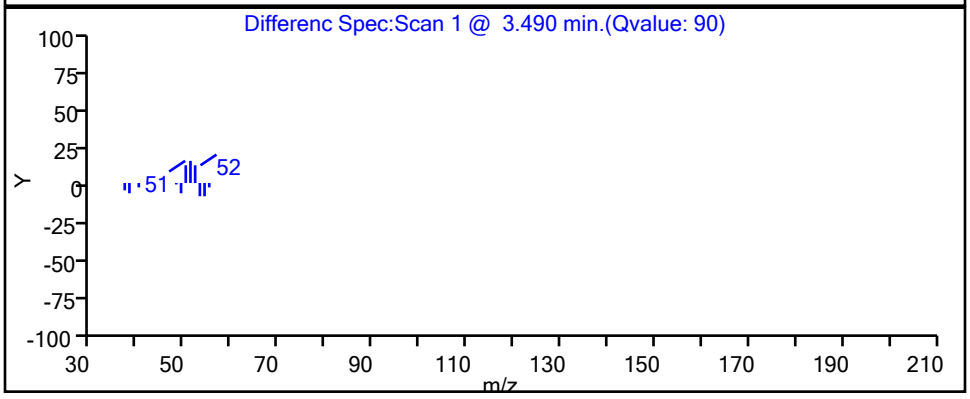
8 Butadiene, CAS: 106-99-0











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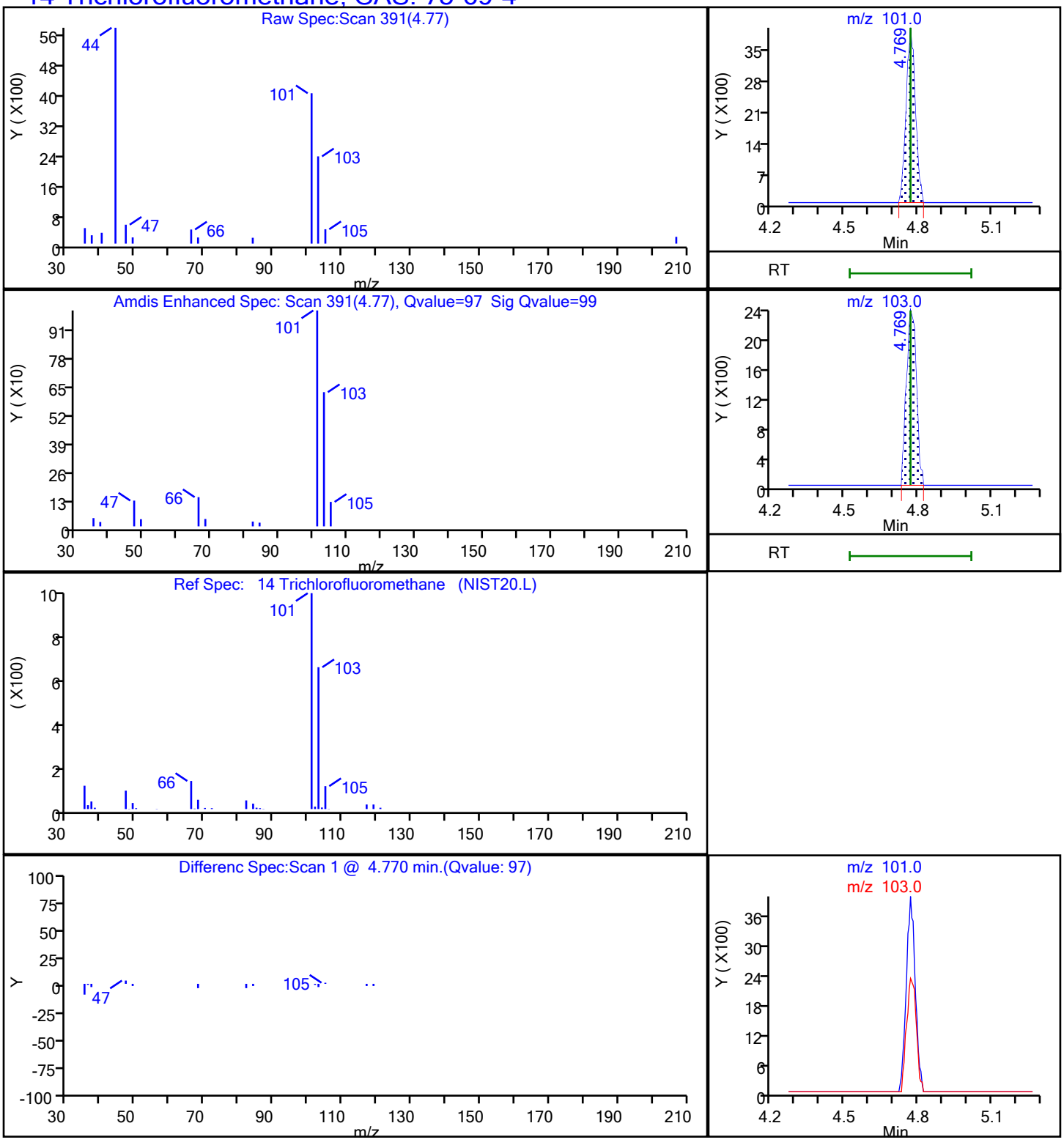
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4



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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date: 25-May-2022 19:48:30 Instrument ID: CHC.i

Lims ID: 200-63486-A-1 DU Lab Sample ID: 200-63486-1

Client ID:

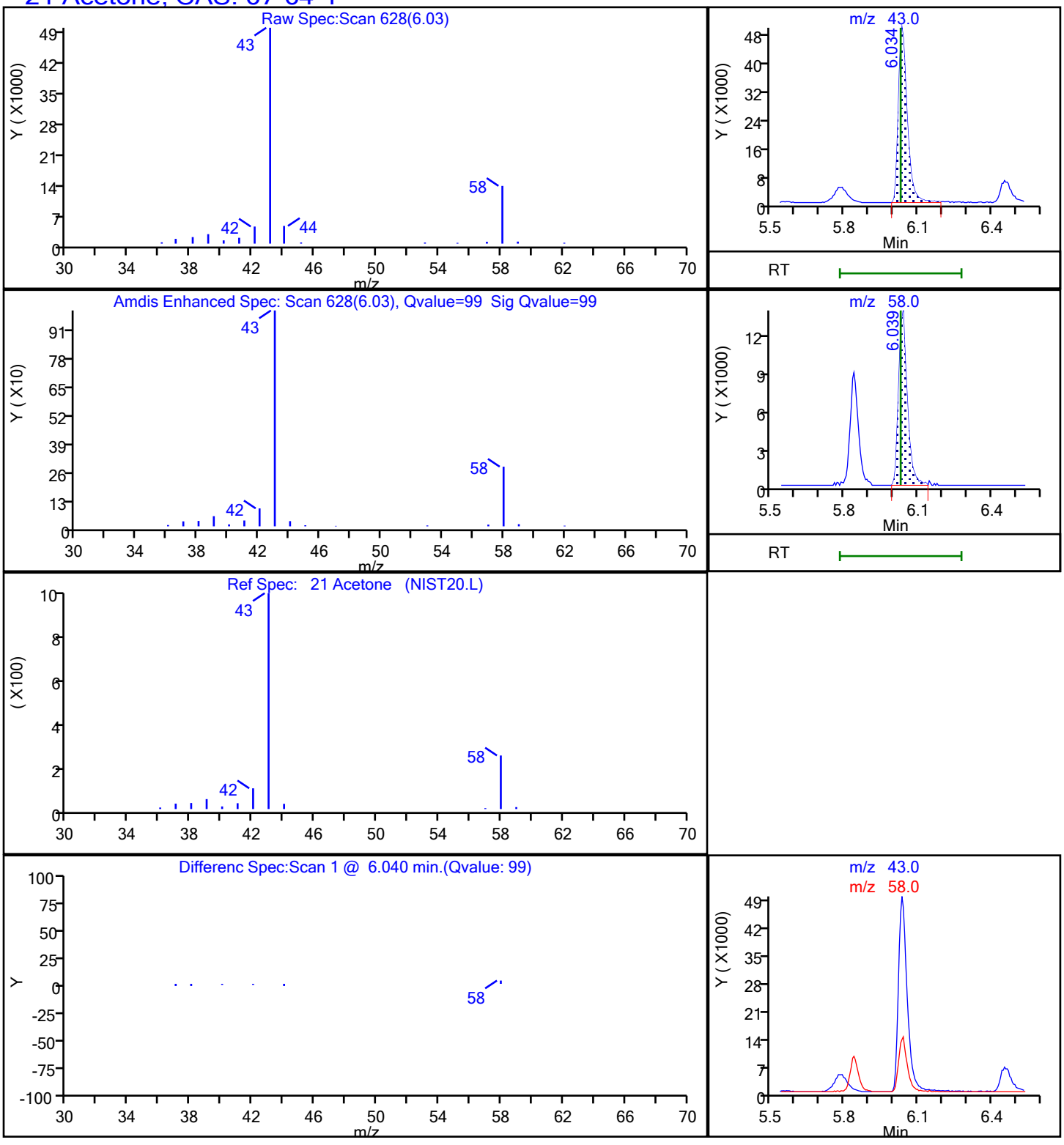
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1



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Eurofins Burlington

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Injection Date: 25-May-2022 19:48:30 Instrument ID: CHC.i

Lims ID: 200-63486-A-1 DU Lab Sample ID: 200-63486-1

Client ID:

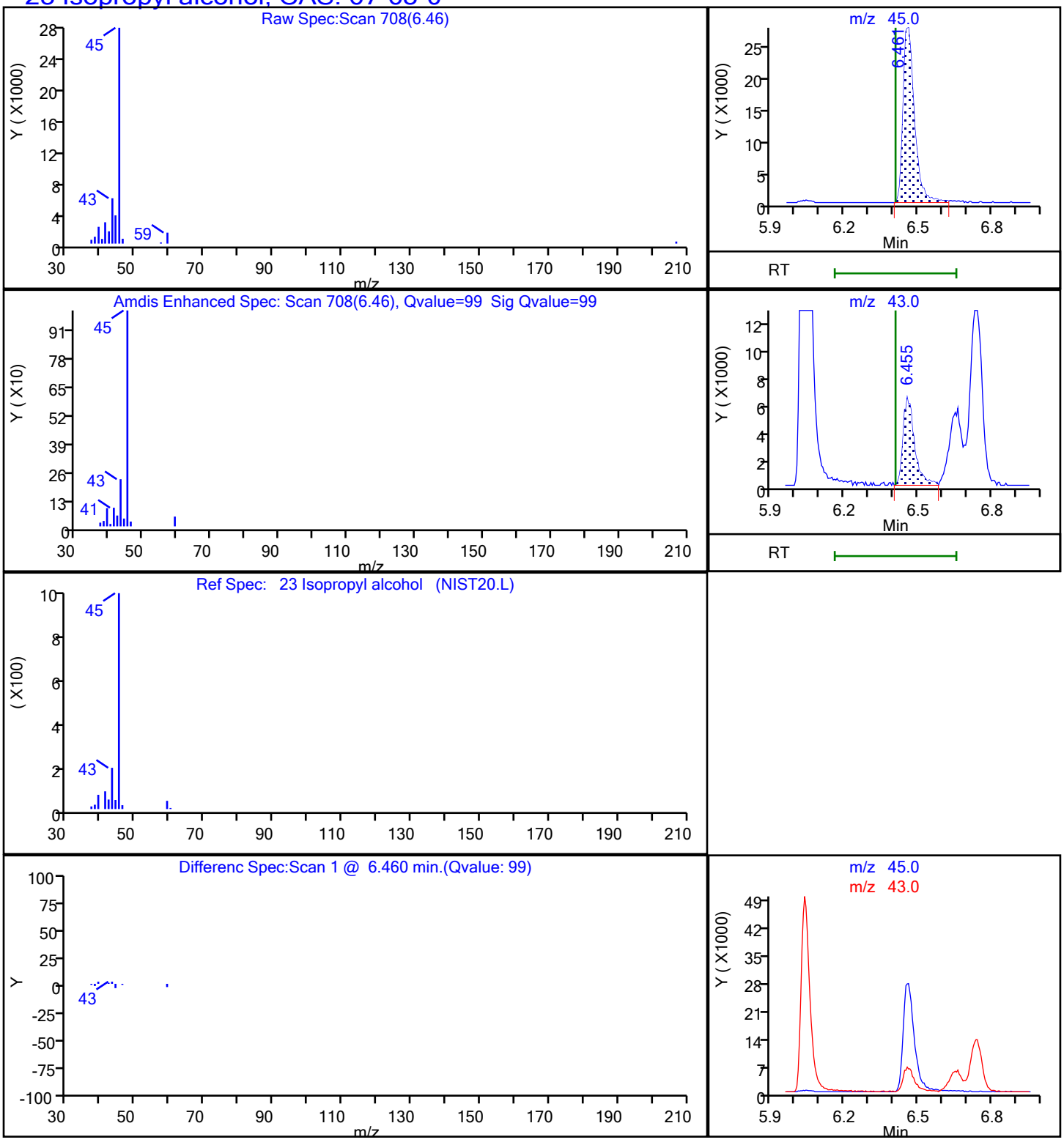
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

23 Isopropyl alcohol, CAS: 67-63-0



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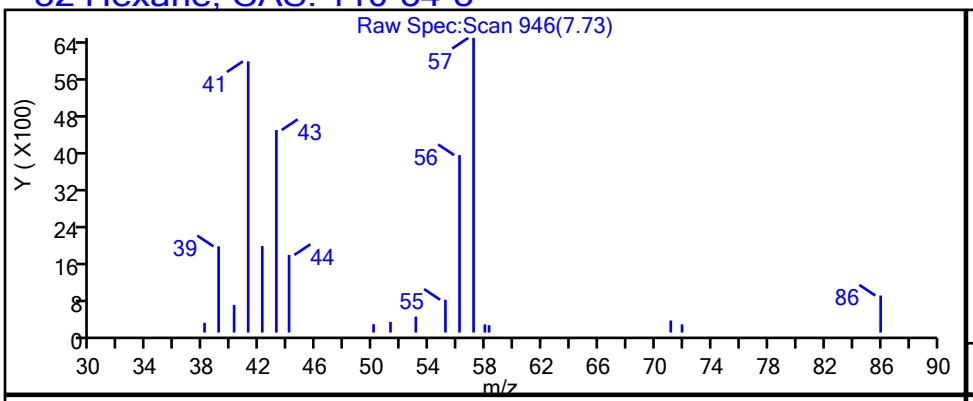
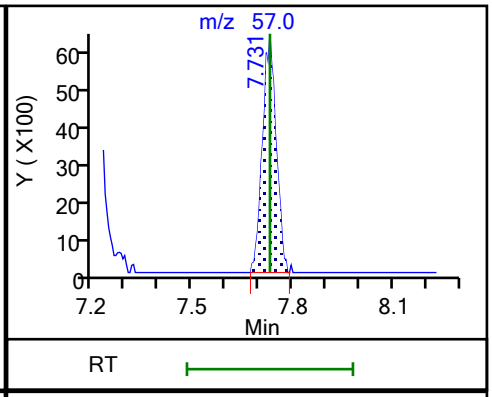
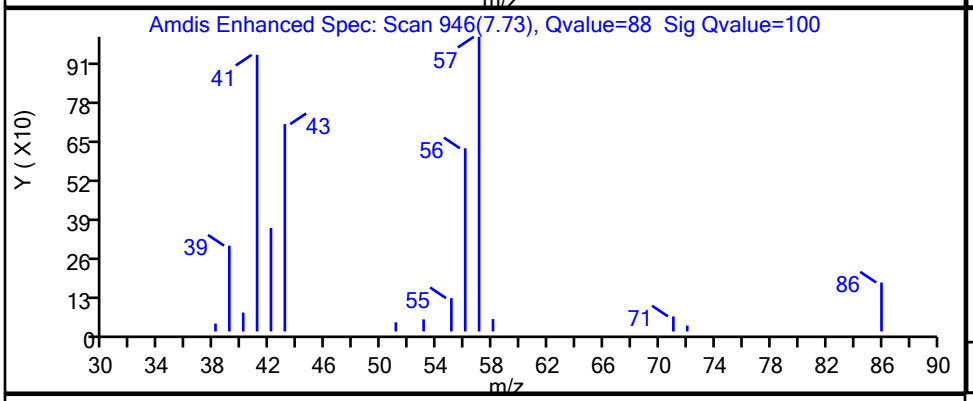
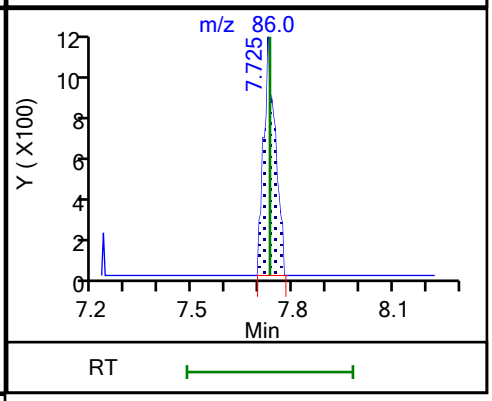
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

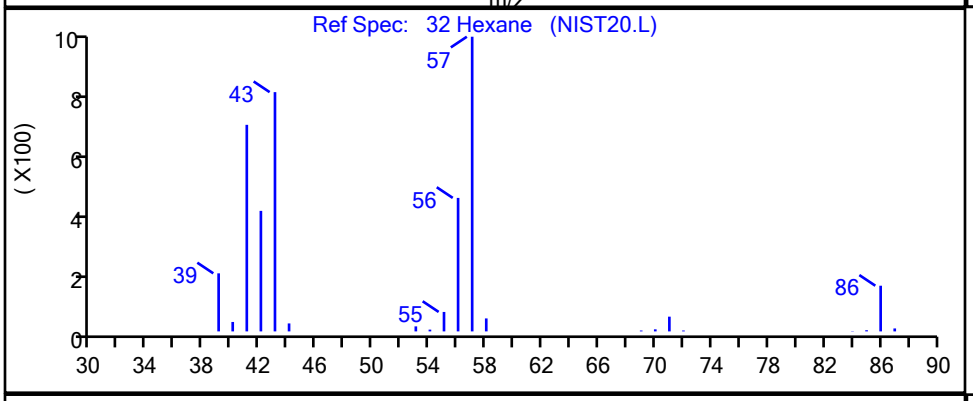
32 Hexane, CAS: 110-54-3

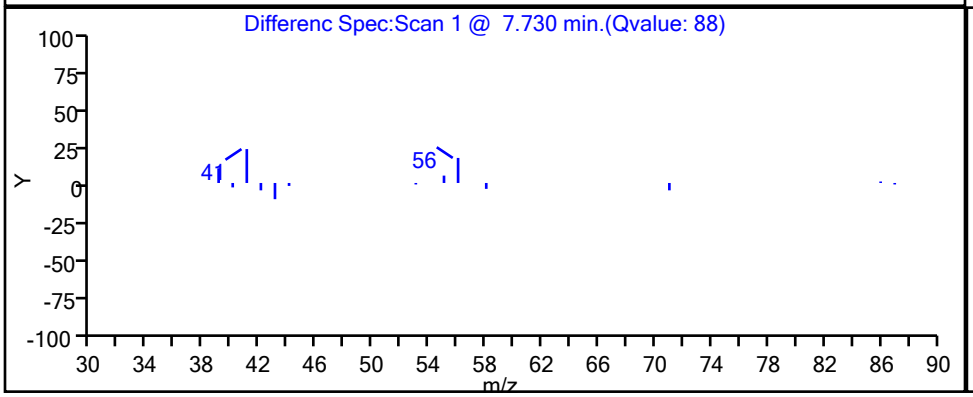


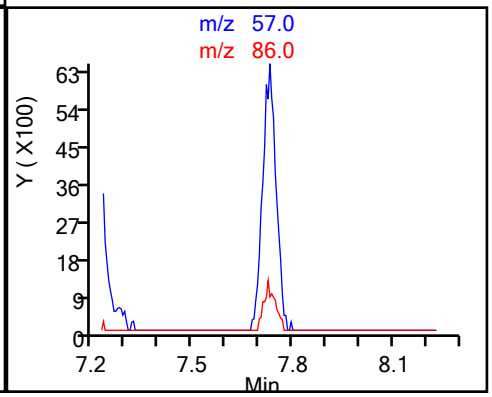












Report Date: 26-May-2022 10:59:01 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

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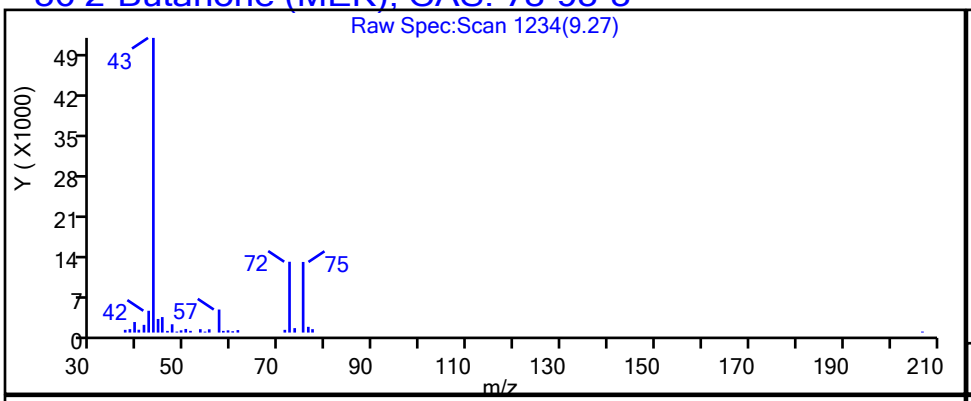
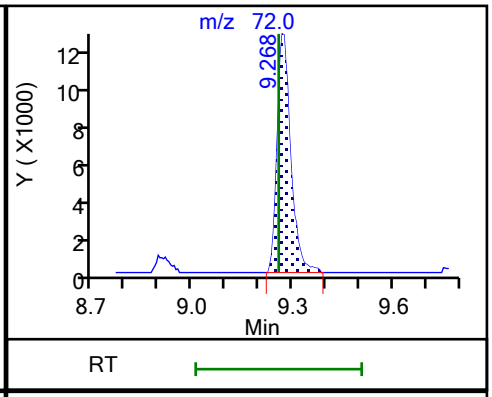
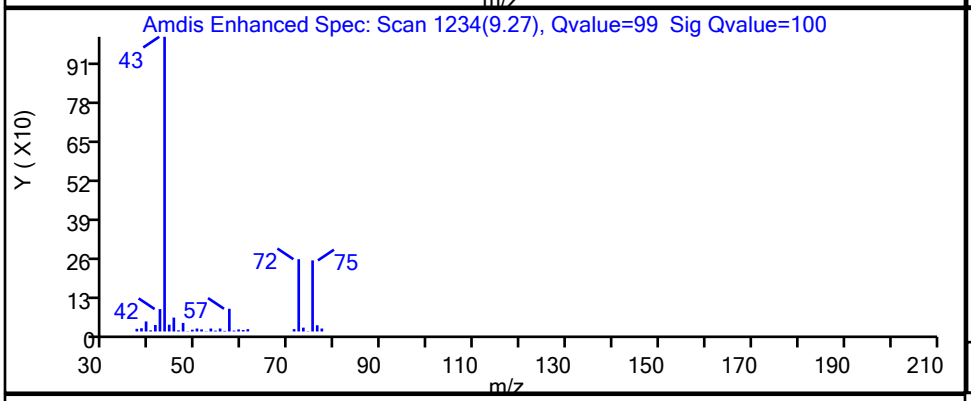
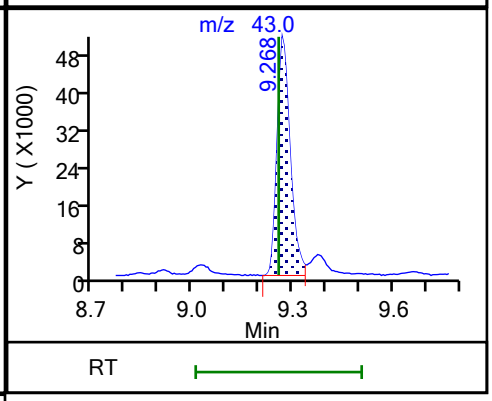
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

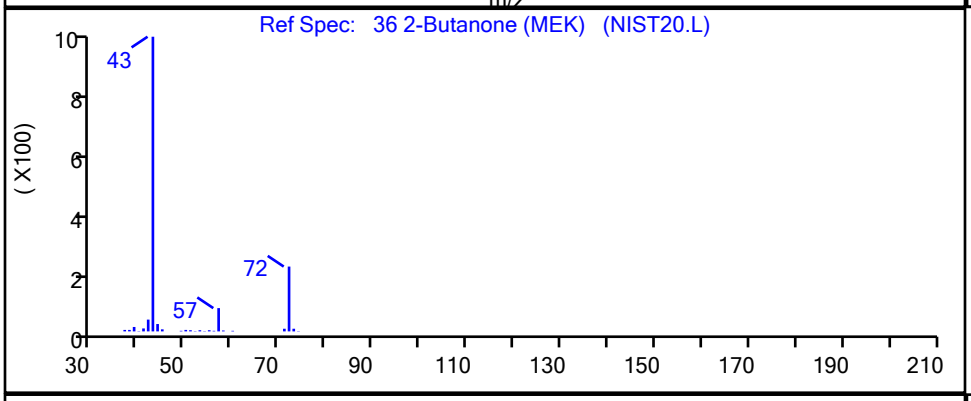
36 2-Butanone (MEK), CAS: 78-93-3

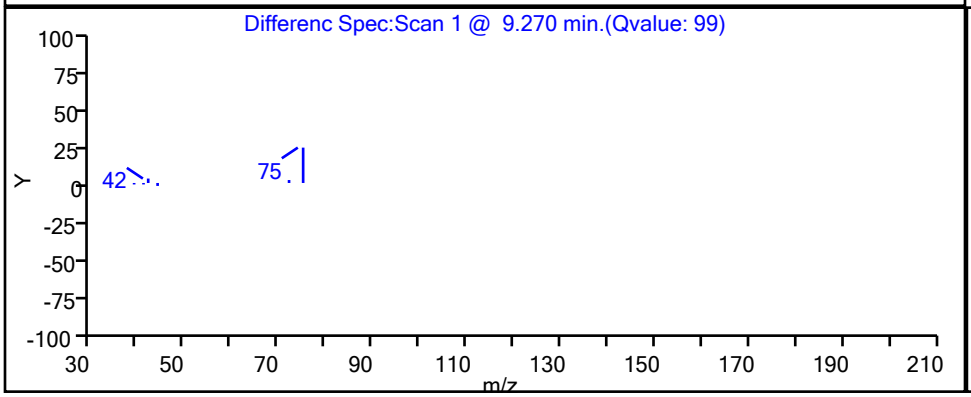


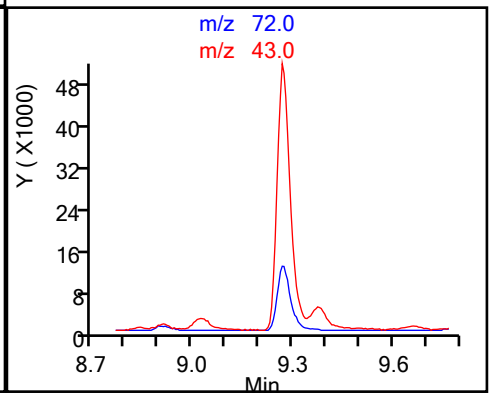












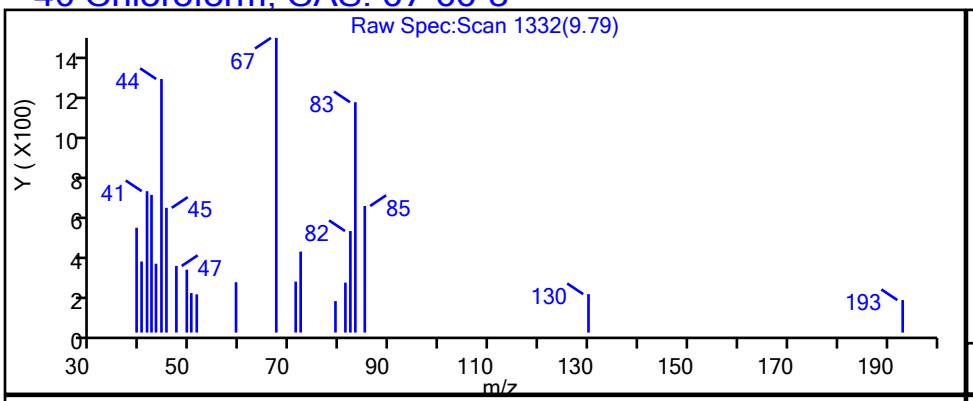
Report Date: 26-May-2022 10:59:01 Chrom Revision: 2.3 18-May-2022 20:00:04

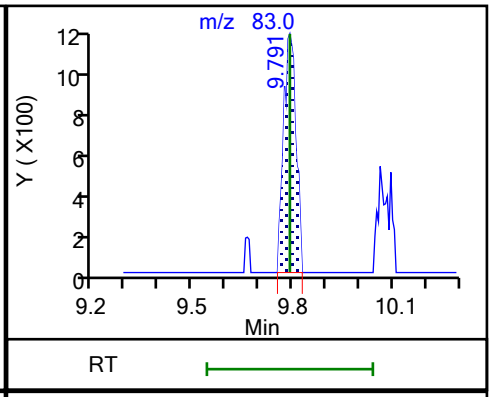
Eurofins Burlington

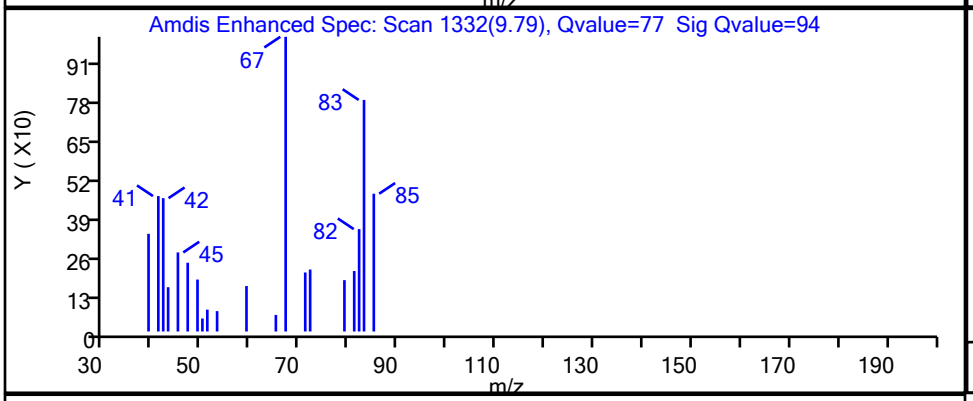
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

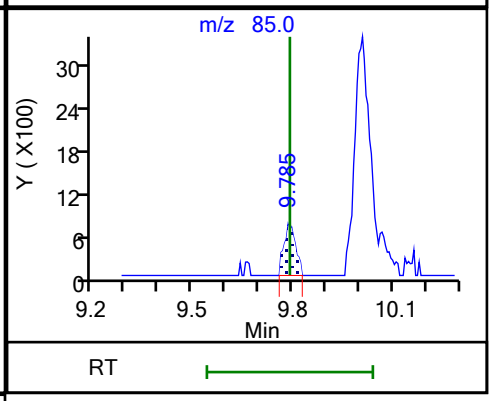
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

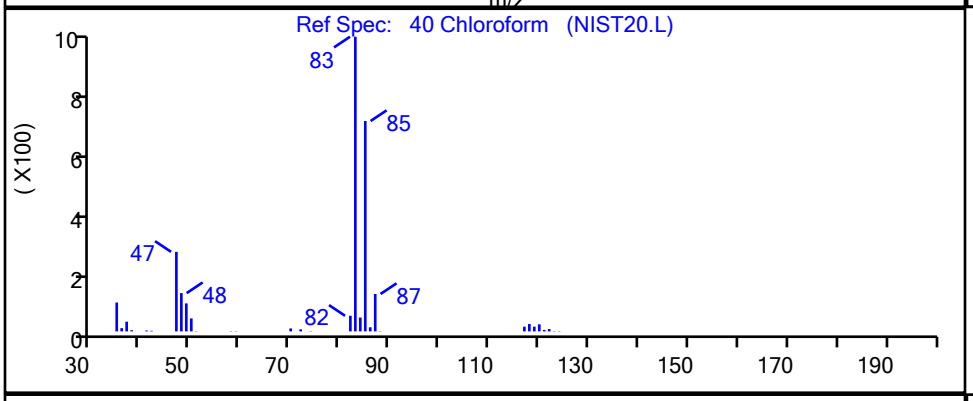
40 Chloroform, CAS: 67-66-3

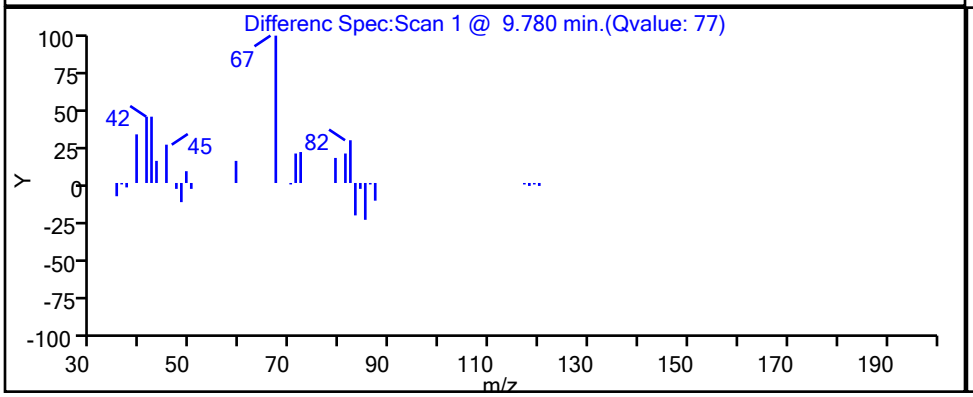


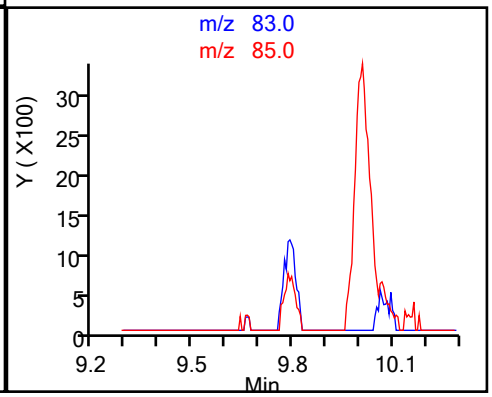












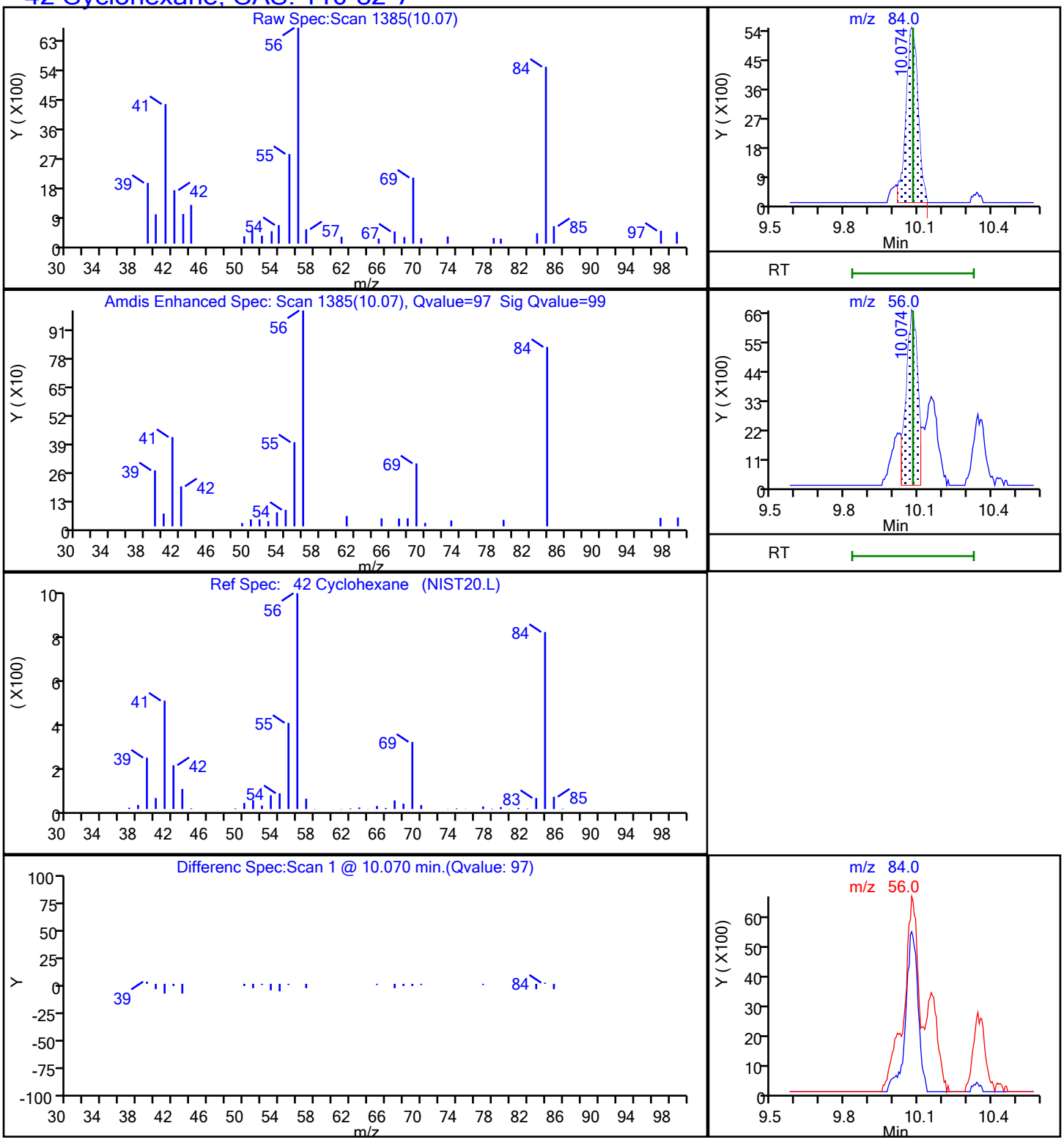
Report Date: 26-May-2022 10:59:01 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Cyclohexane, CAS: 110-82-7



Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date: 25-May-2022 19:48:30 Instrument ID: CHC.i

Lims ID: 200-63486-A-1 DU Lab Sample ID: 200-63486-1

Client ID:

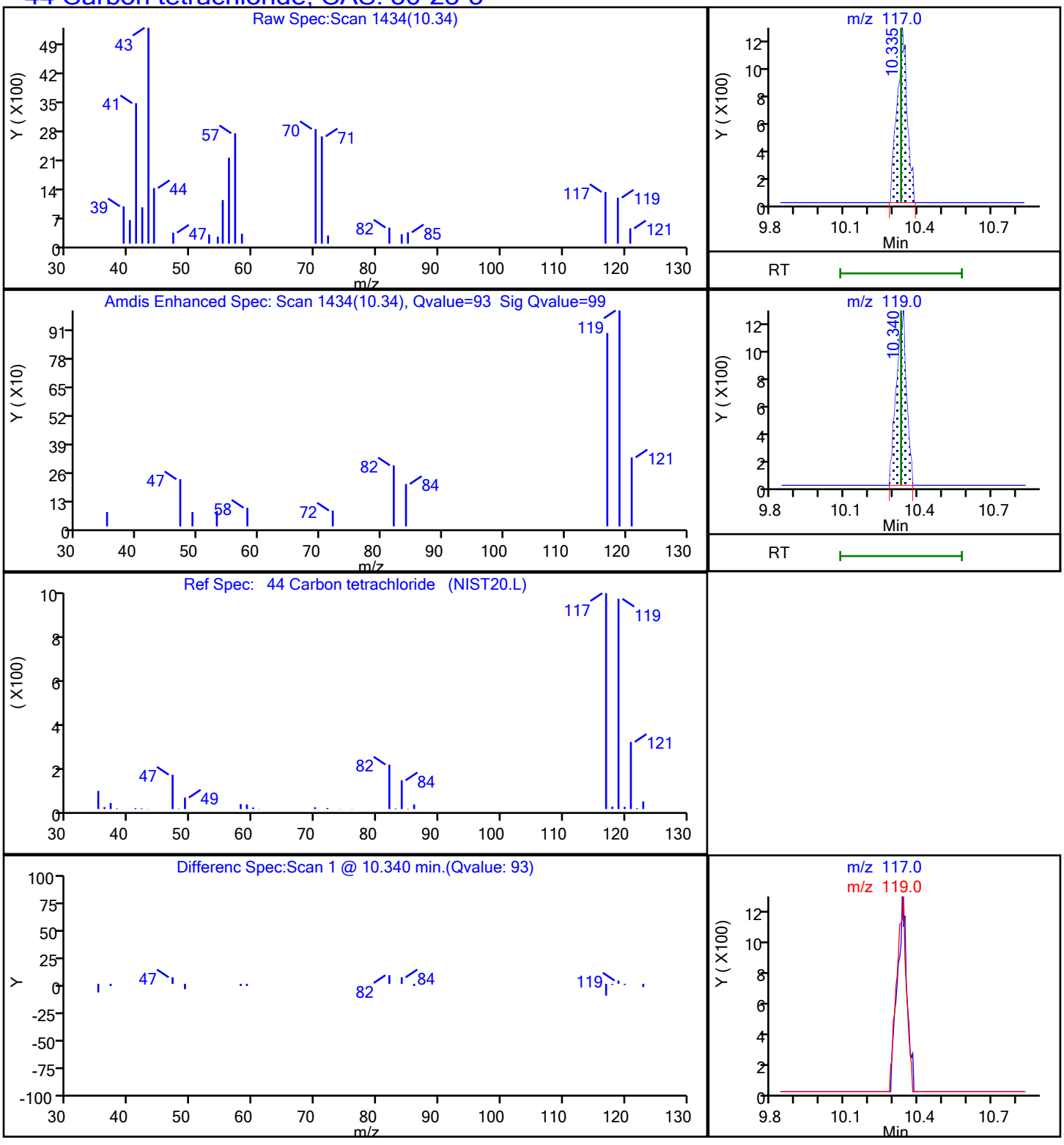
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

44 Carbon tetrachloride, CAS: 56-23-5



Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date: 25-May-2022 19:48:30 Instrument ID: CHC.i

Lims ID: 200-63486-A-1 DU Lab Sample ID: 200-63486-1

Client ID:

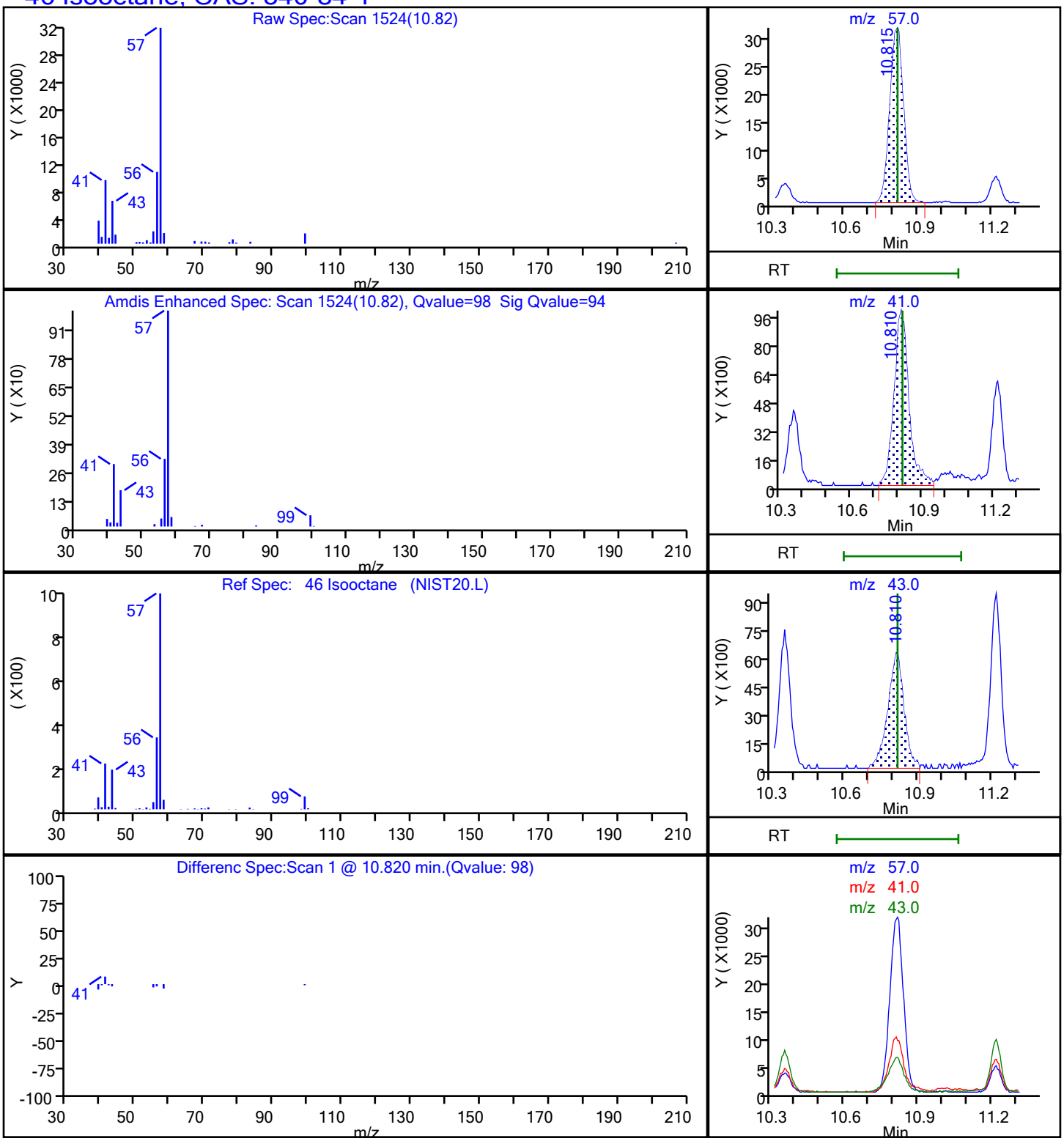
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

46 Isooctane, CAS: 540-84-1



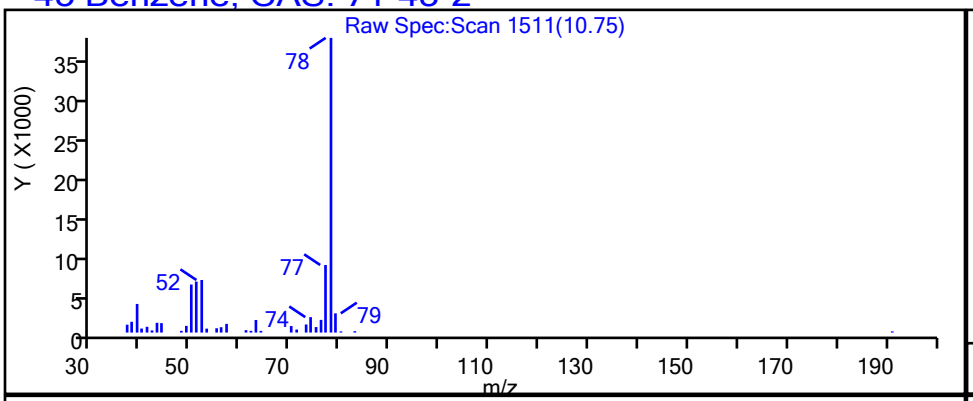
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

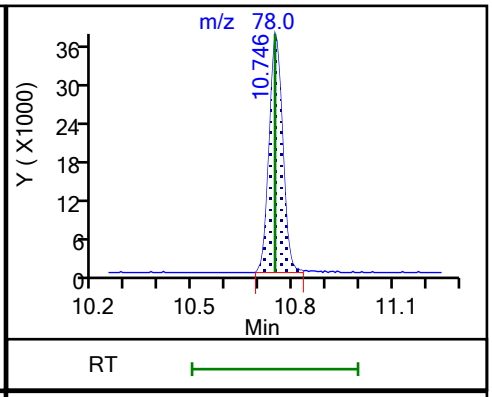
Eurofins Burlington

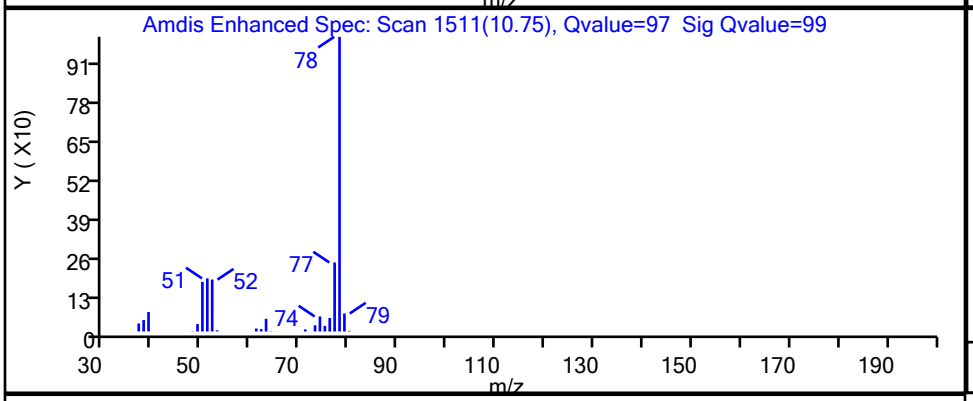
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

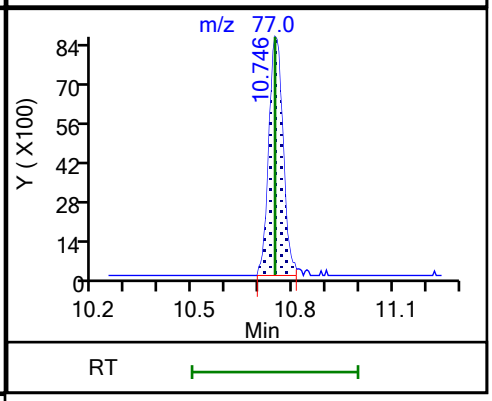
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

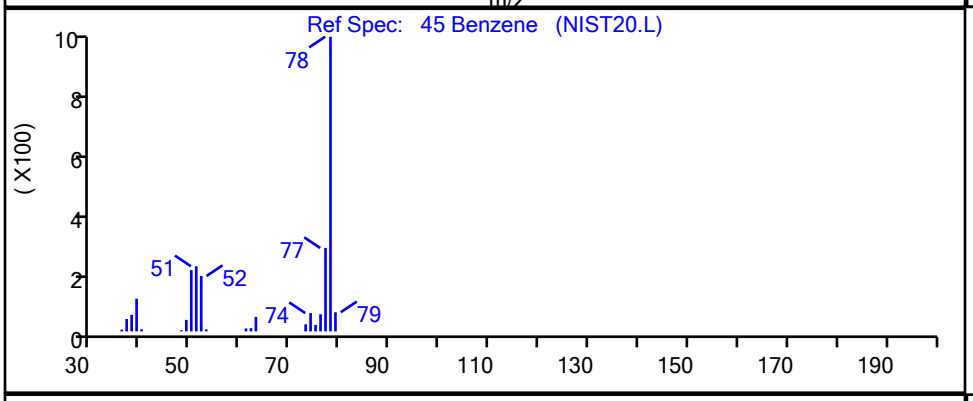
45 Benzene, CAS: 71-43-2

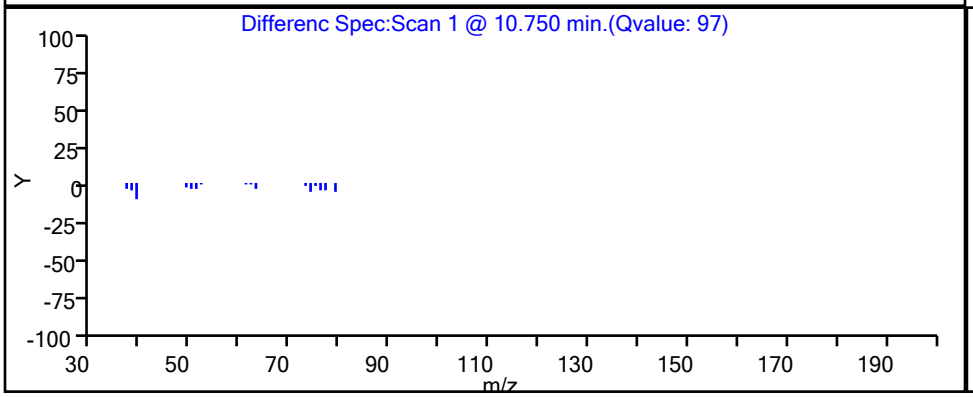


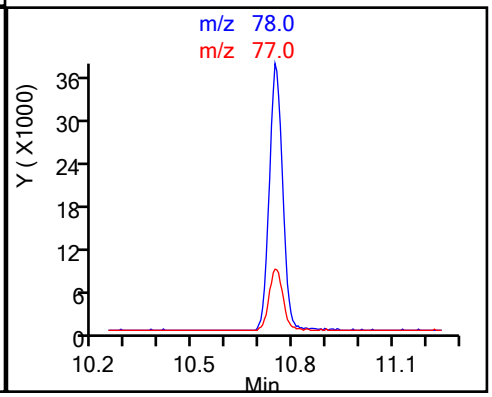












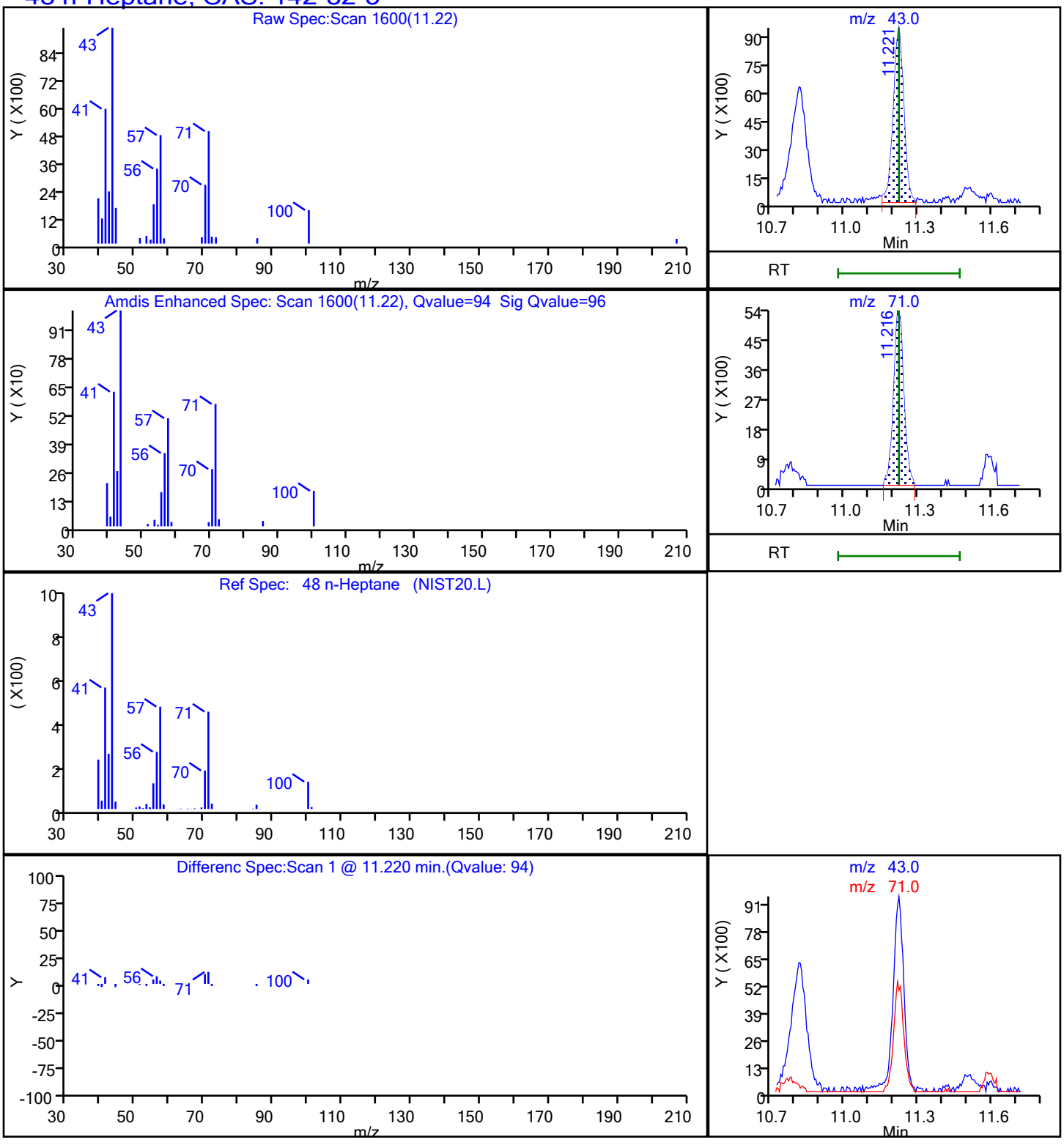
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

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



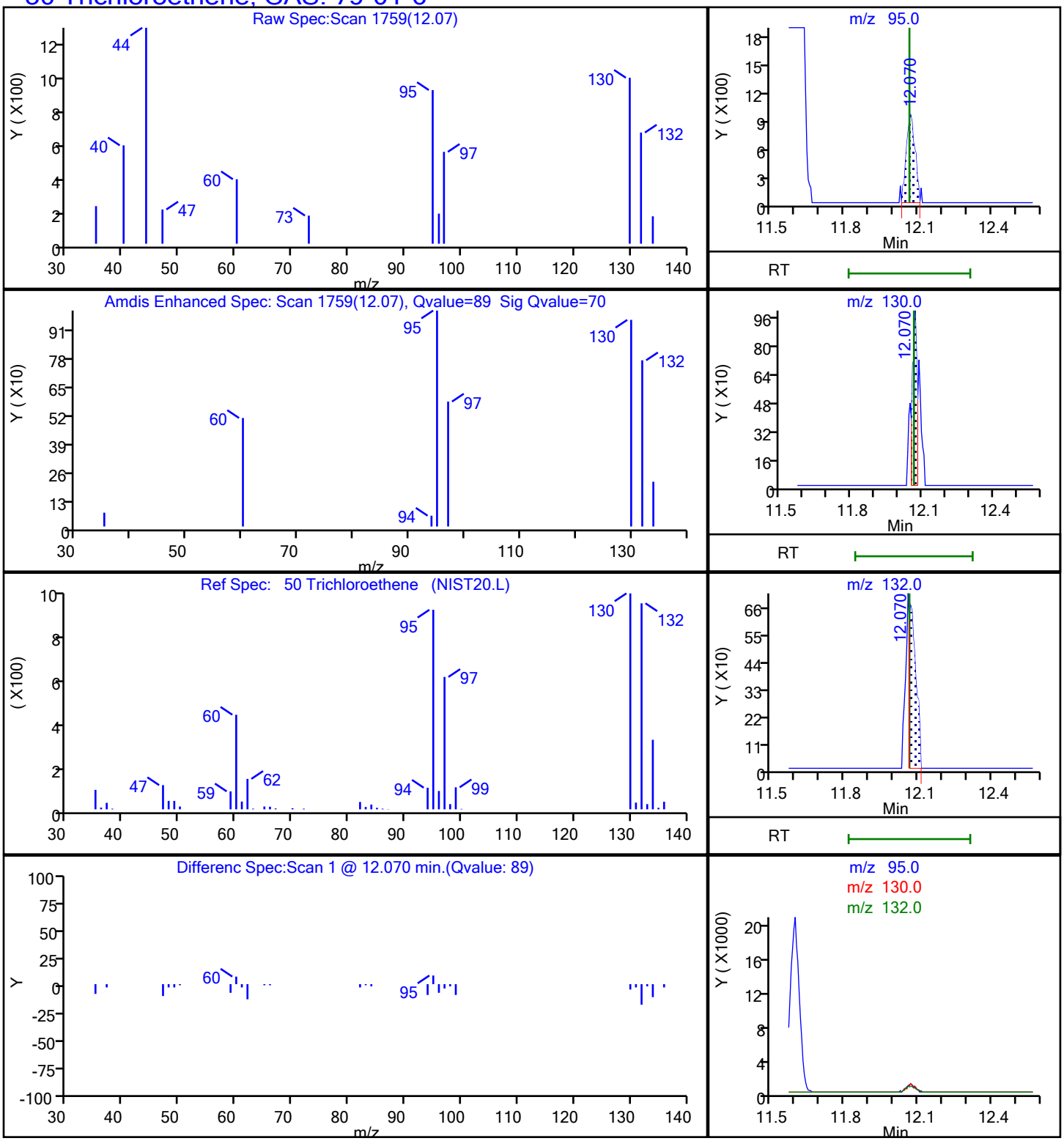
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 Trichloroethene, CAS: 79-01-6



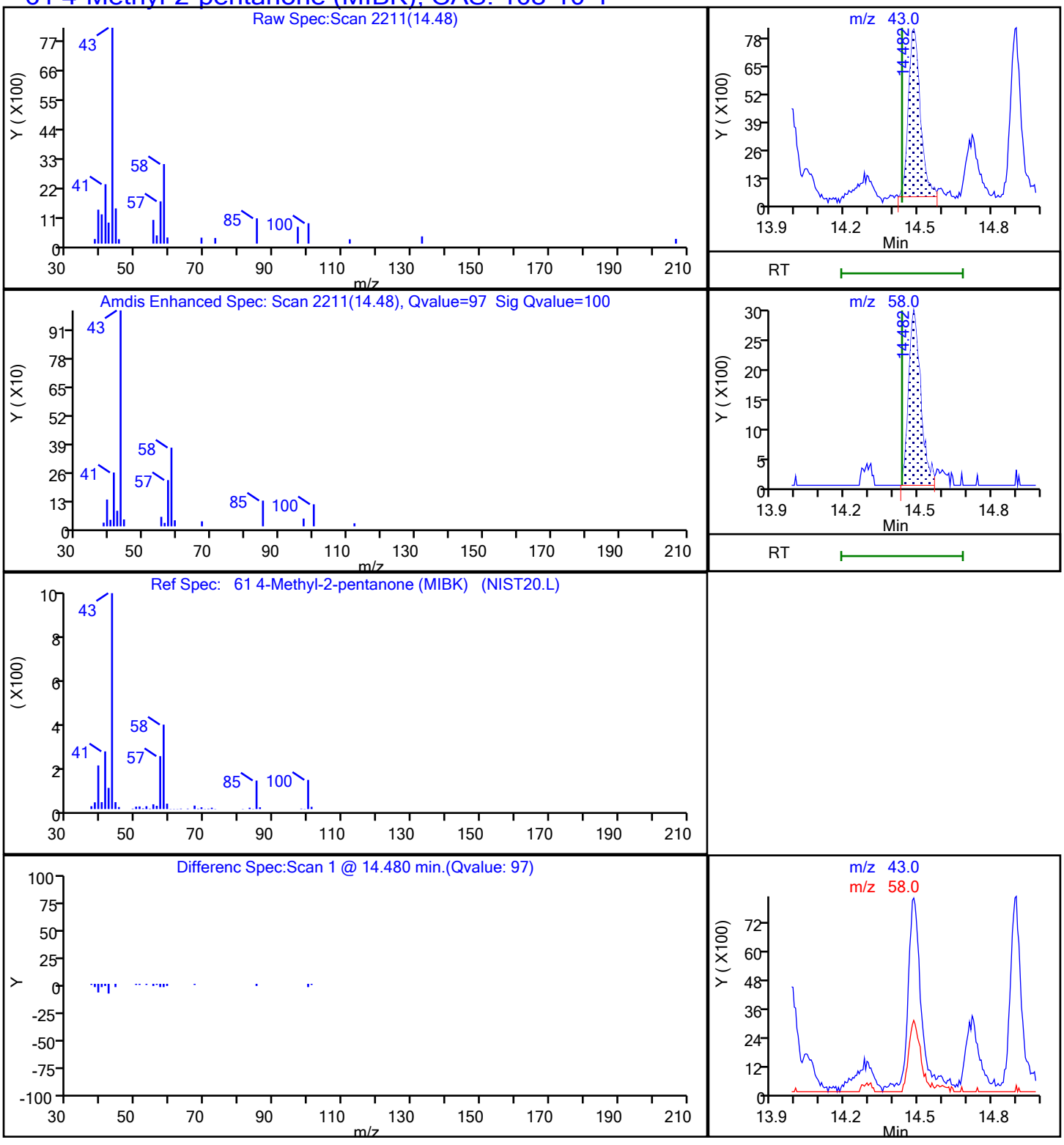
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



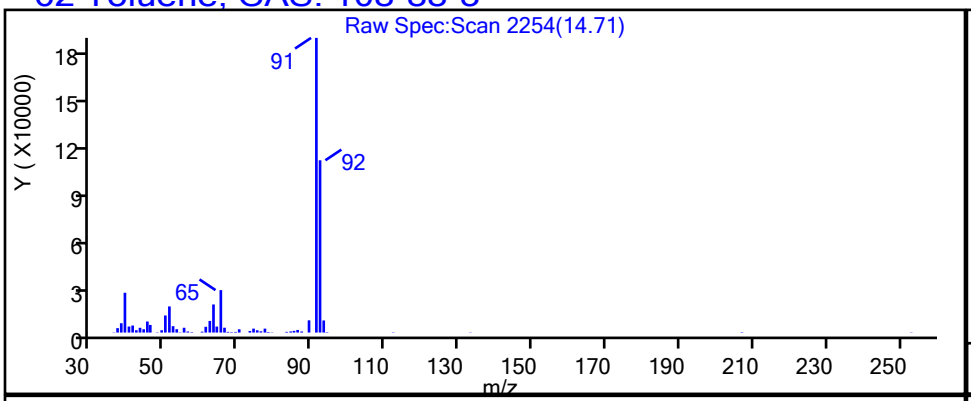
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

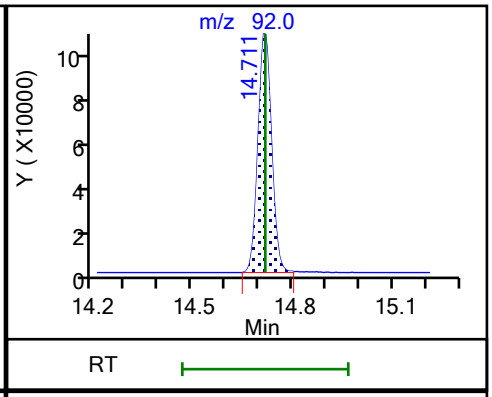
Eurofins Burlington

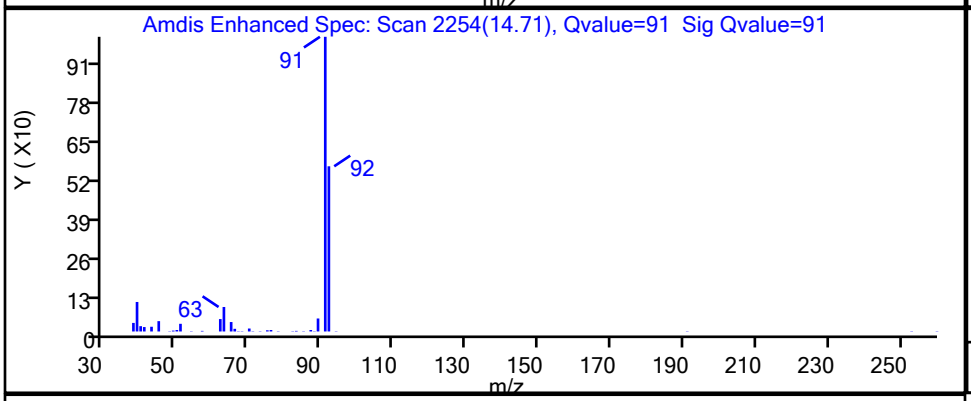
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

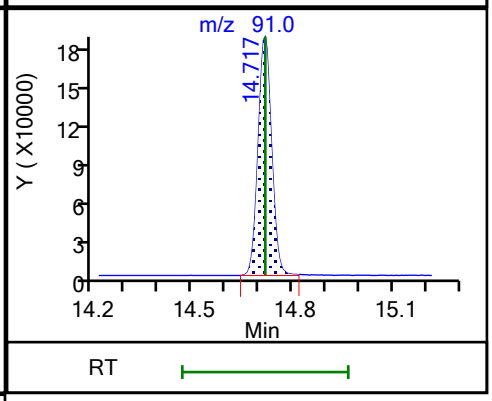
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

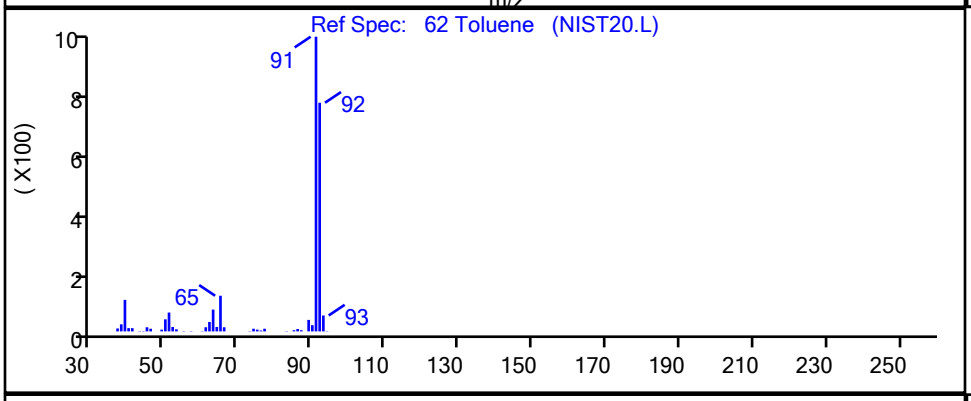
62 Toluene, CAS: 108-88-3

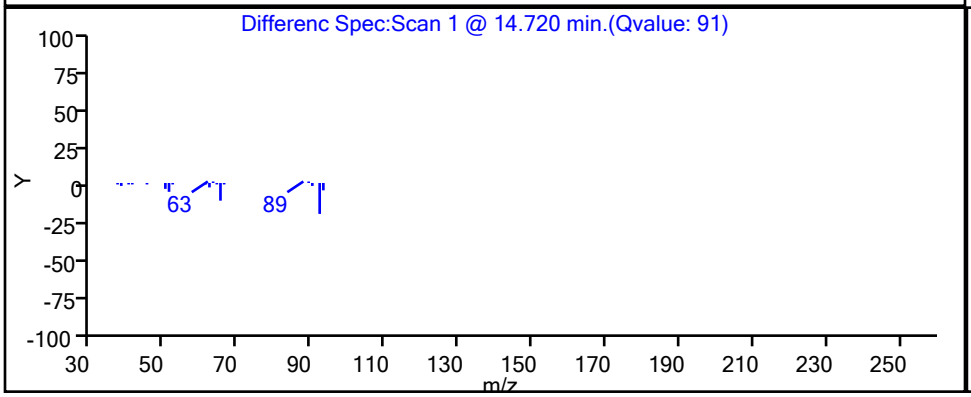


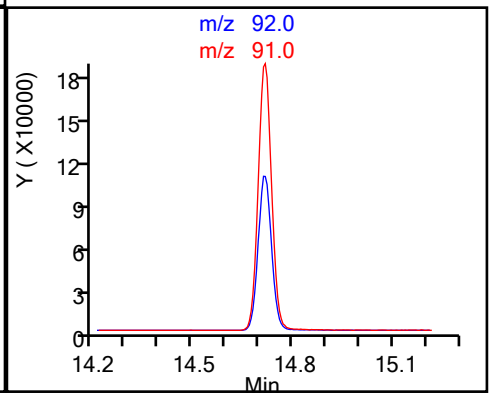












Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date: 25-May-2022 19:48:30 Instrument ID: CHC.i

Lims ID: 200-63486-A-1 DU Lab Sample ID: 200-63486-1

Client ID:

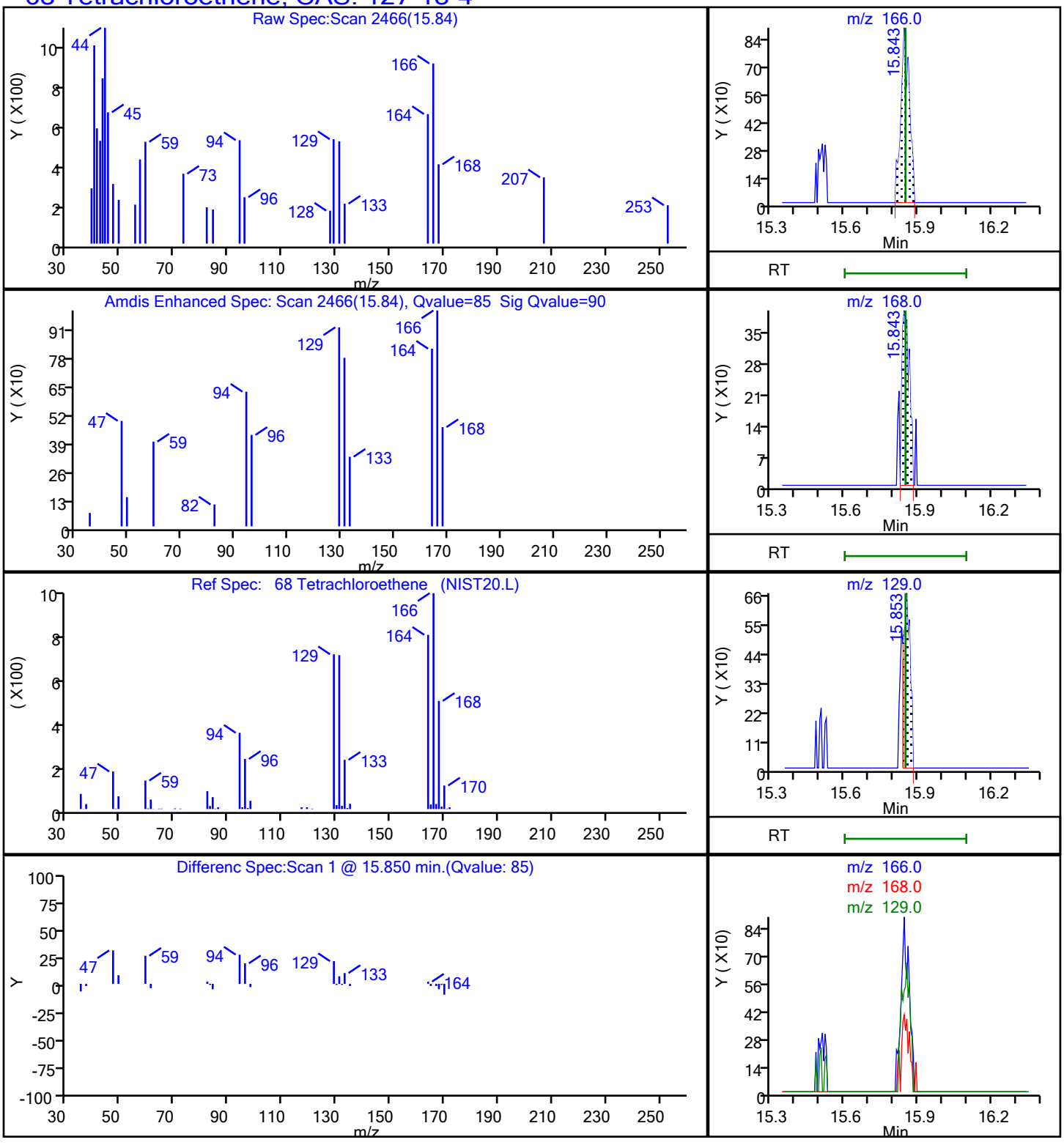
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4



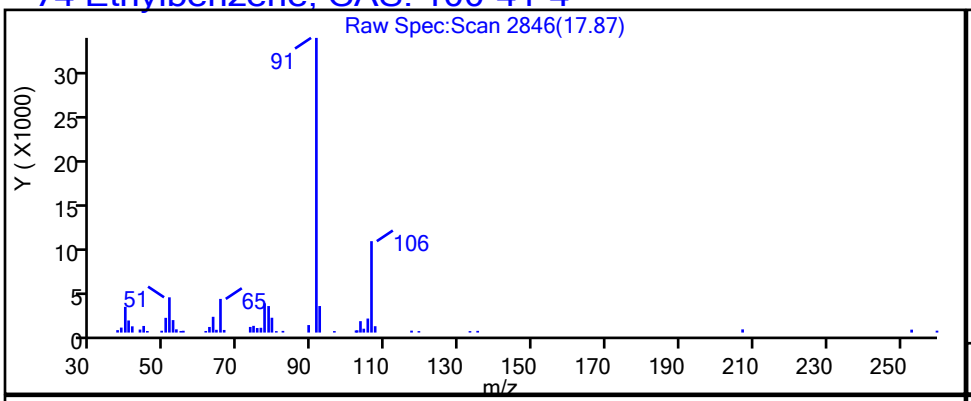
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

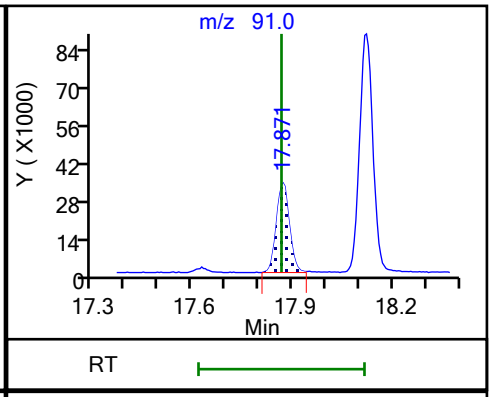
Eurofins Burlington

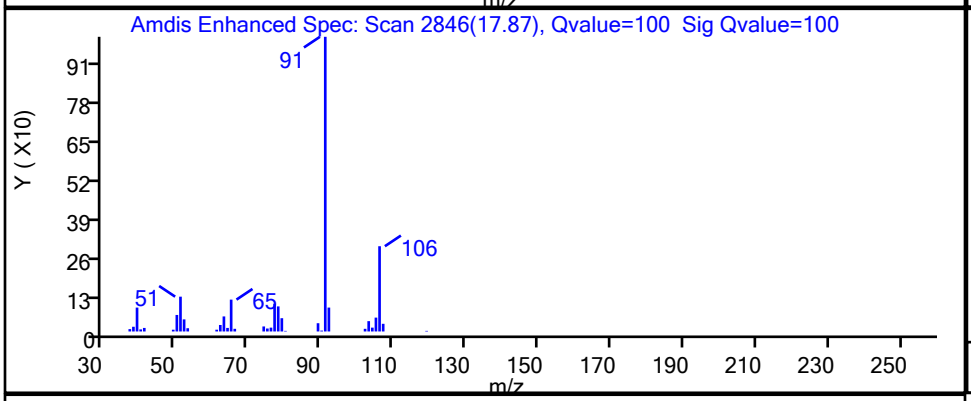
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

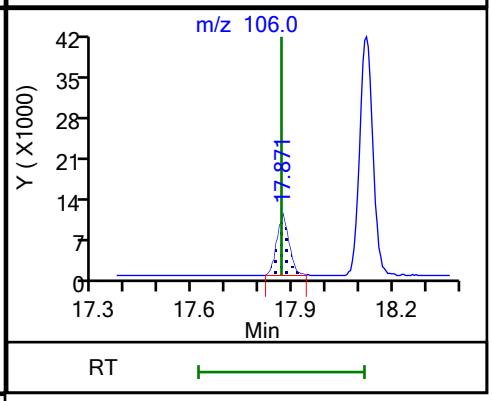
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

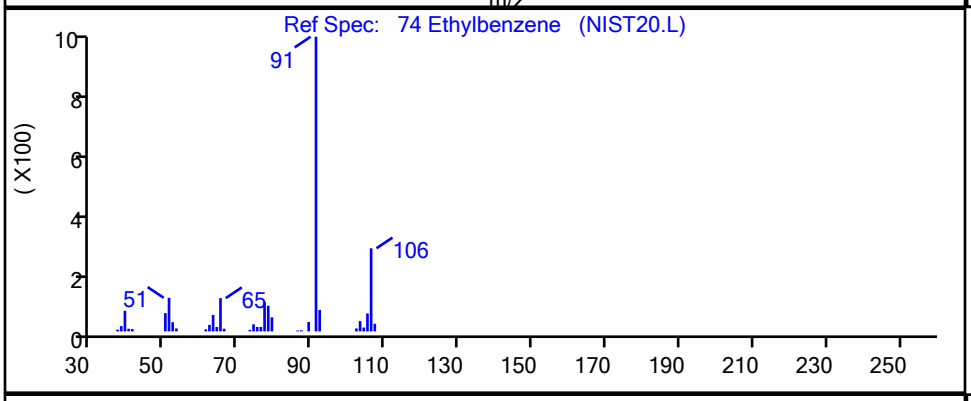
74 Ethylbenzene, CAS: 100-41-4

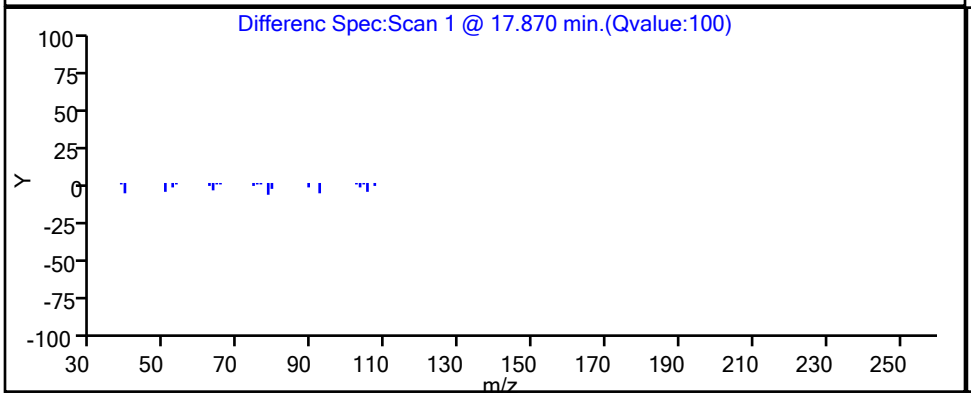


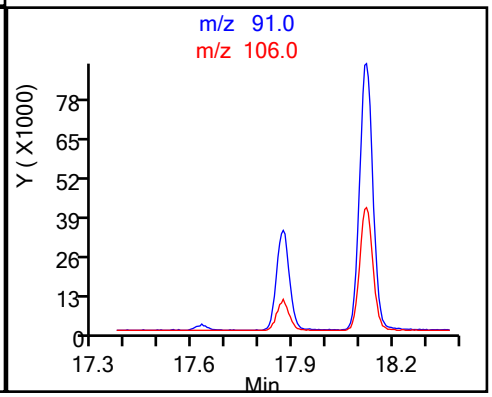










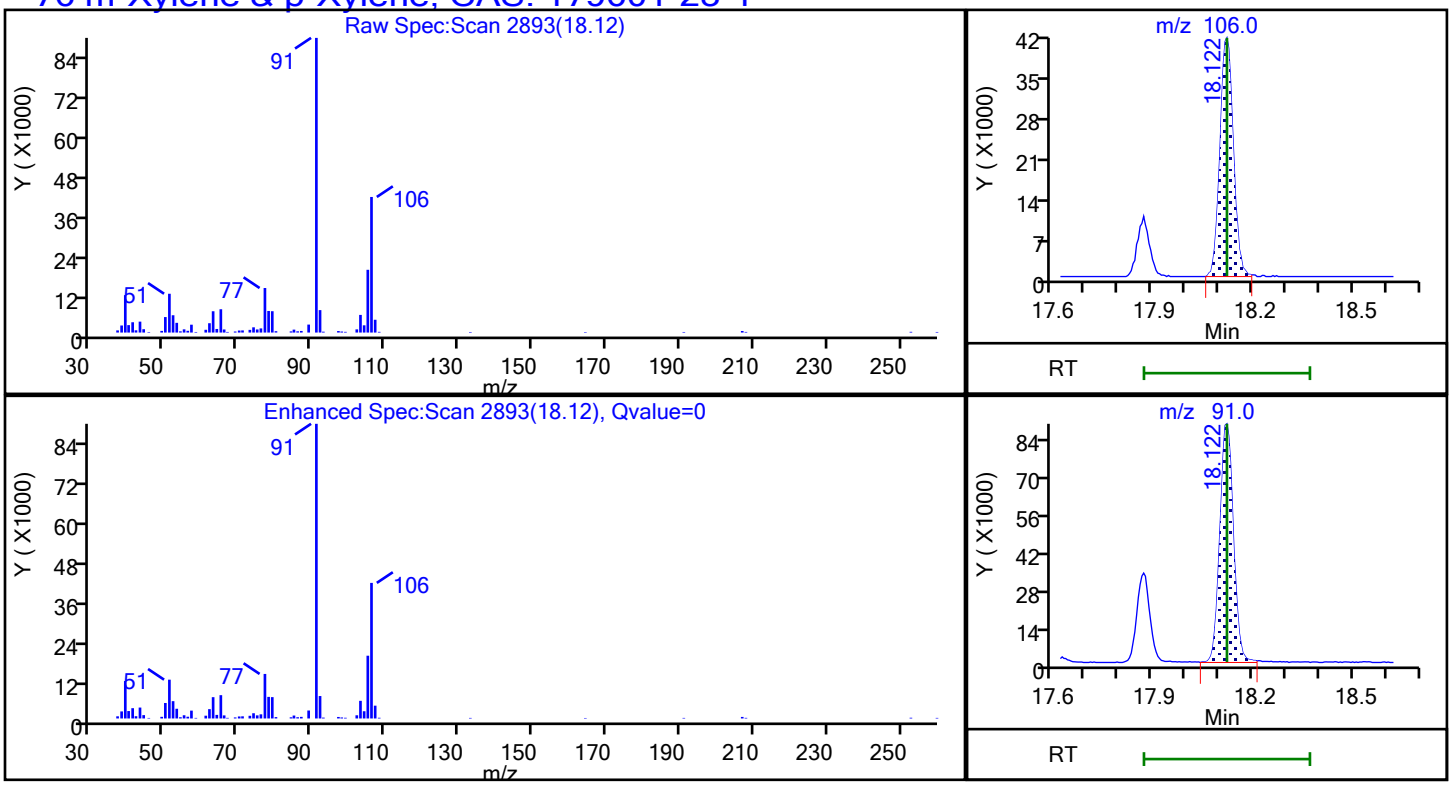


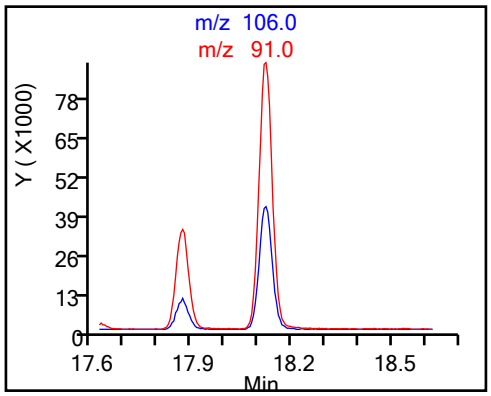
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1





Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date: 25-May-2022 19:48:30 Instrument ID: CHC.i

Lims ID: 200-63486-A-1 DU Lab Sample ID: 200-63486-1

Client ID:

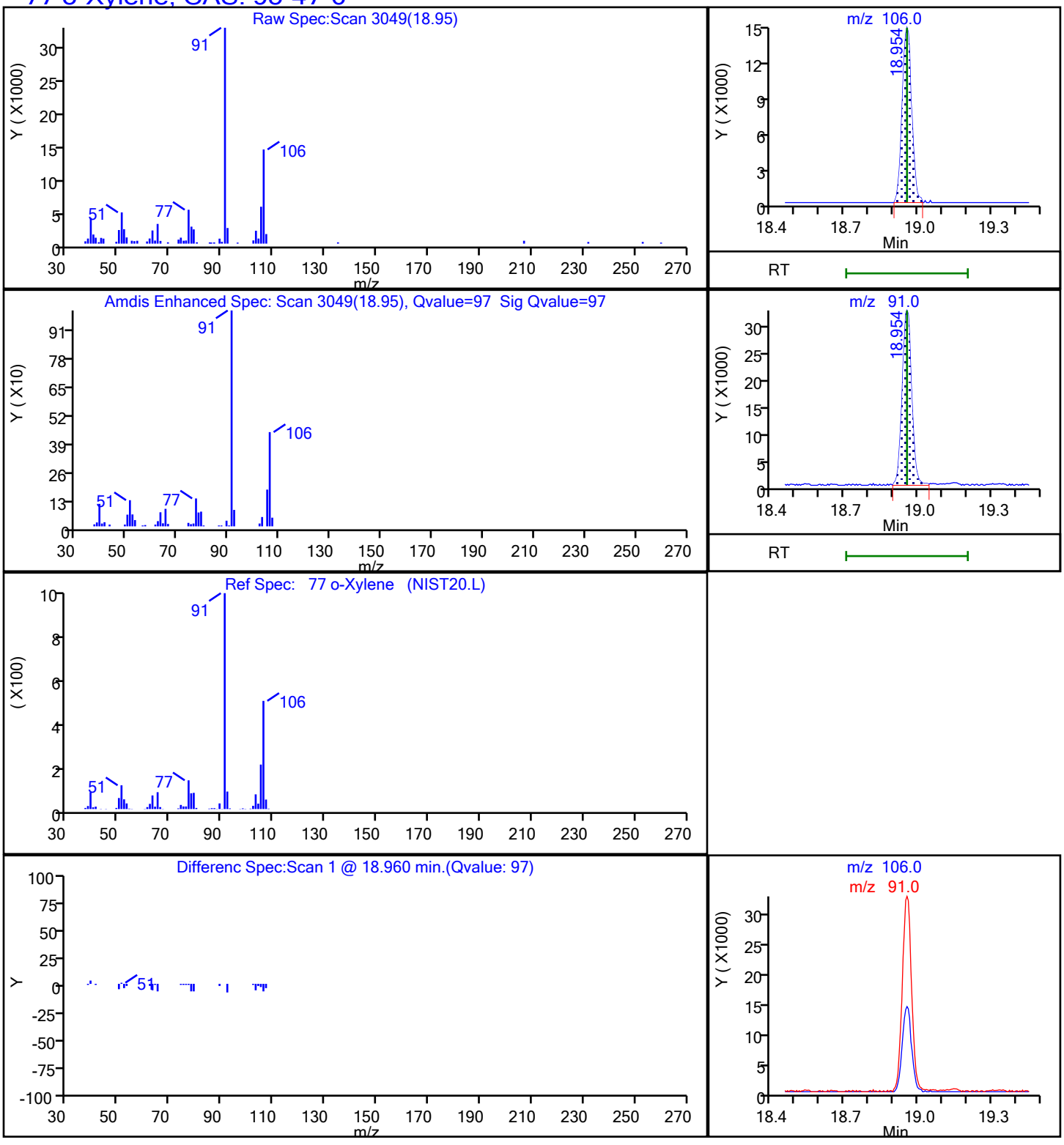
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

77 o-Xylene, CAS: 95-47-6



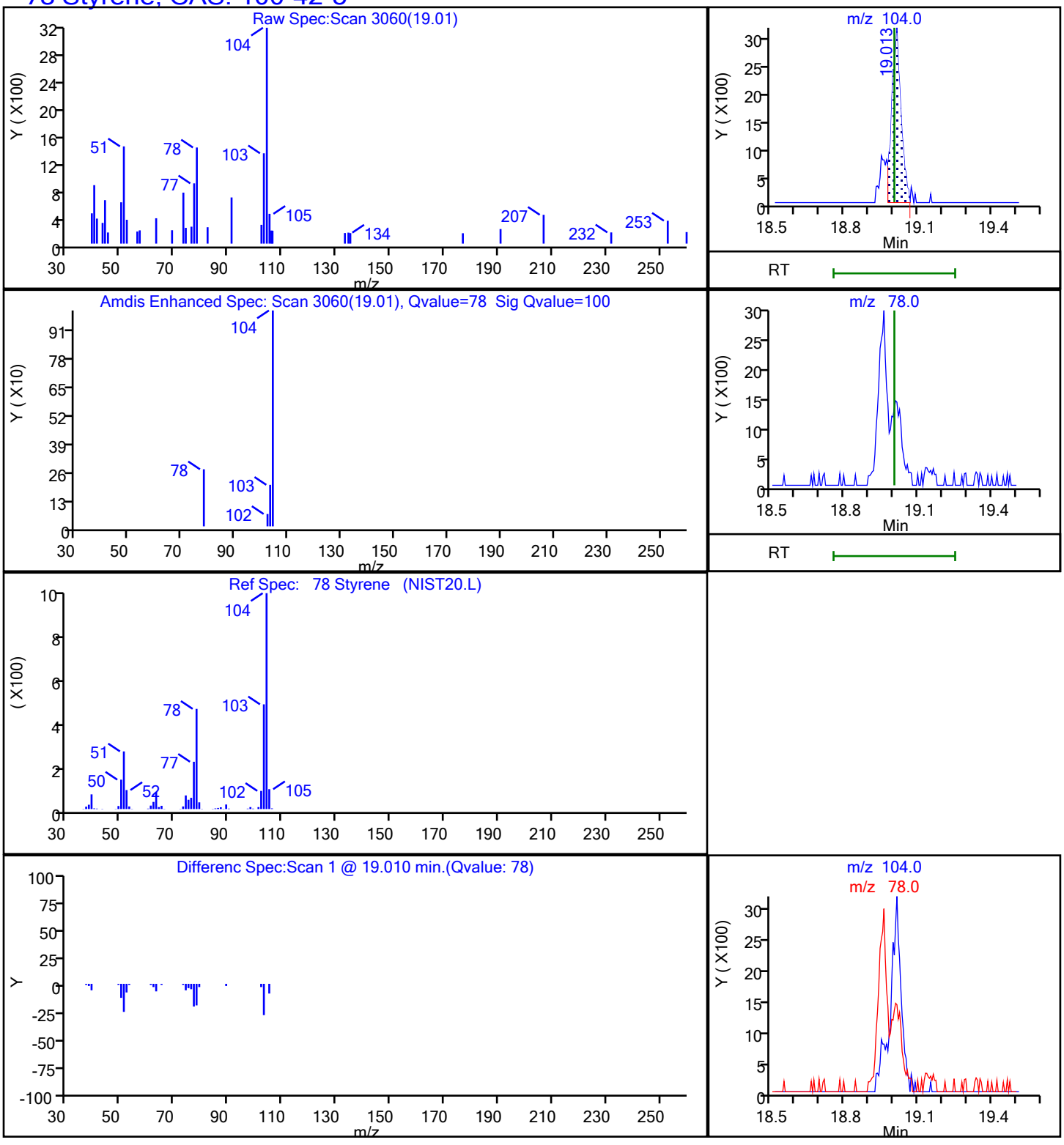
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 Styrene, CAS: 100-42-5



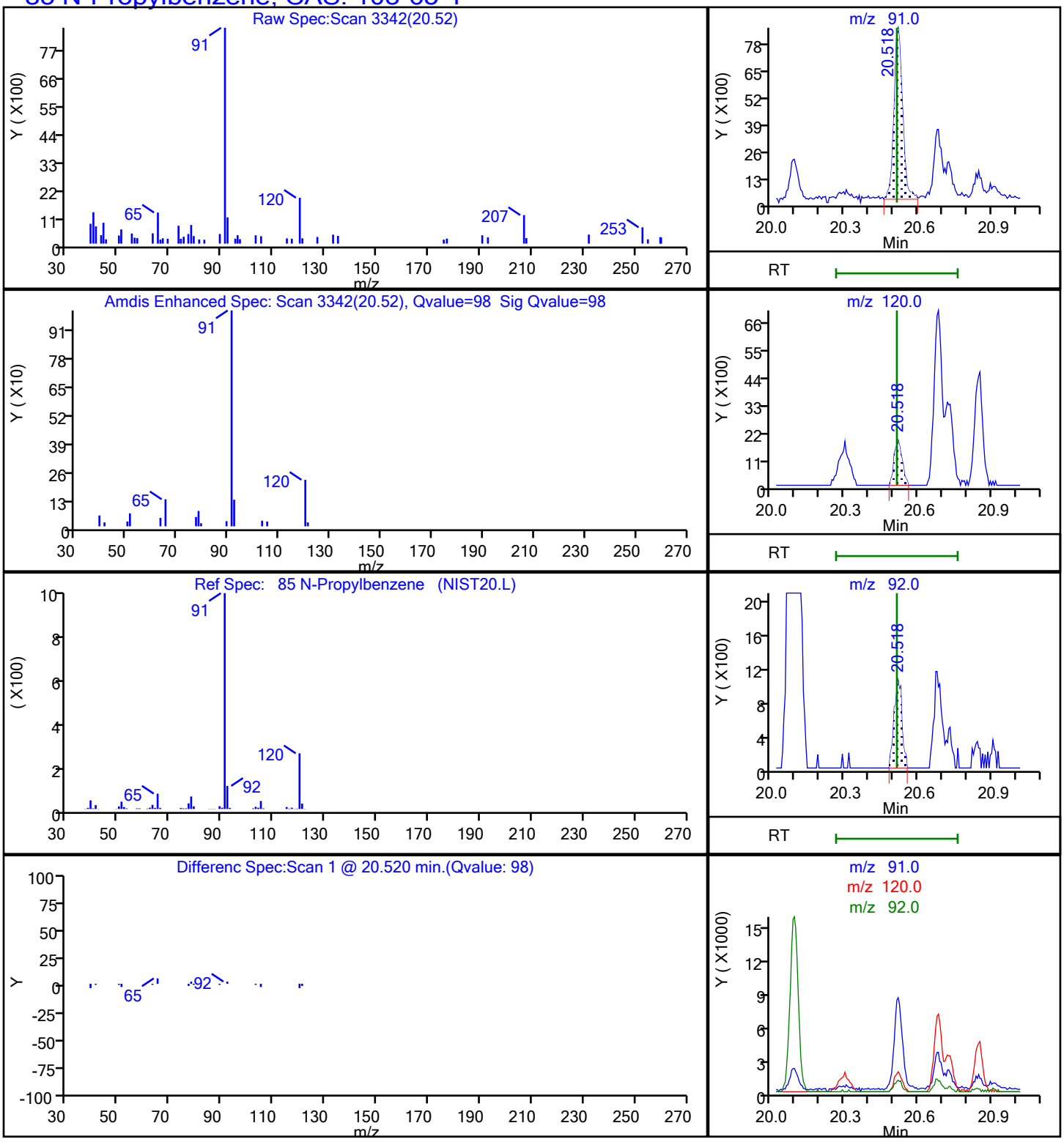
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



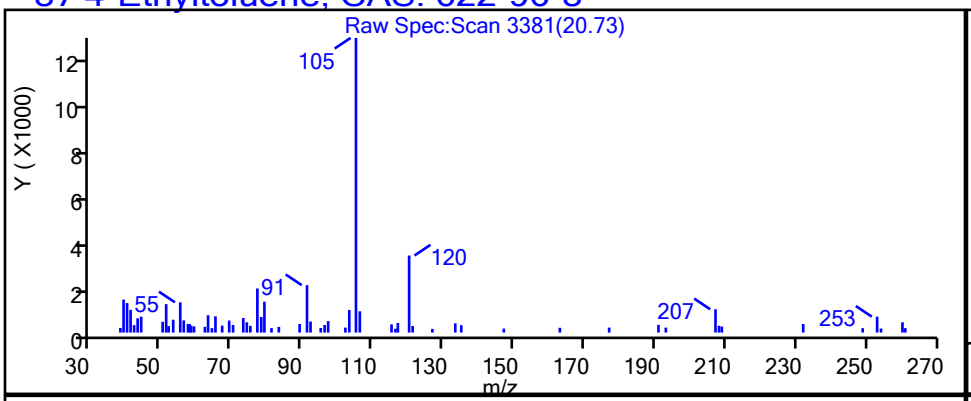
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

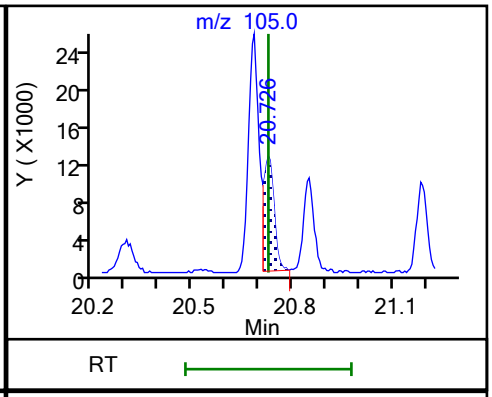
Eurofins Burlington

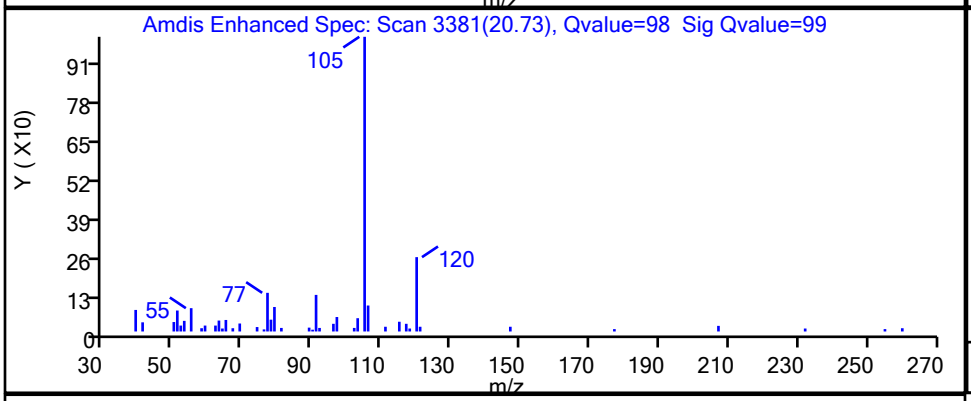
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

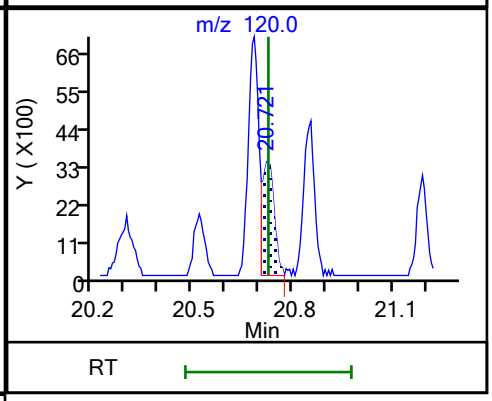
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

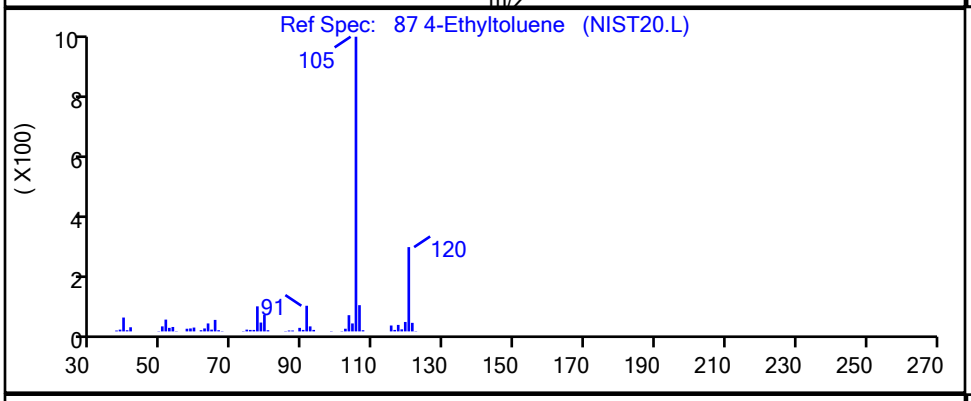
87 4-Ethyltoluene, CAS: 622-96-8

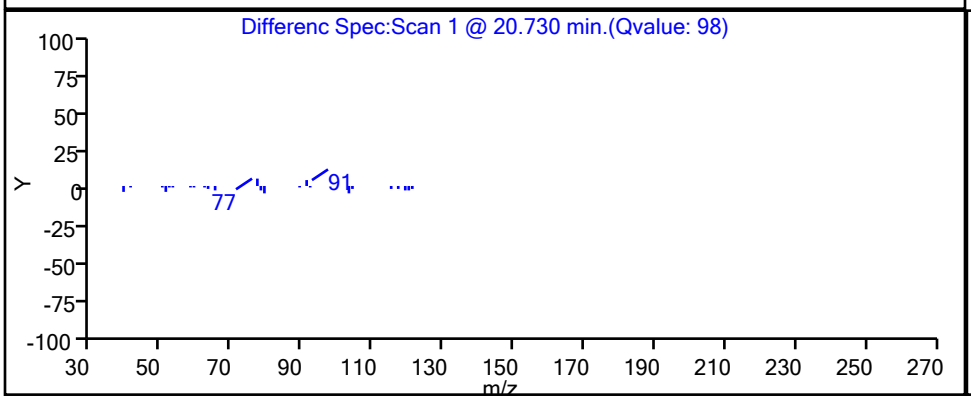


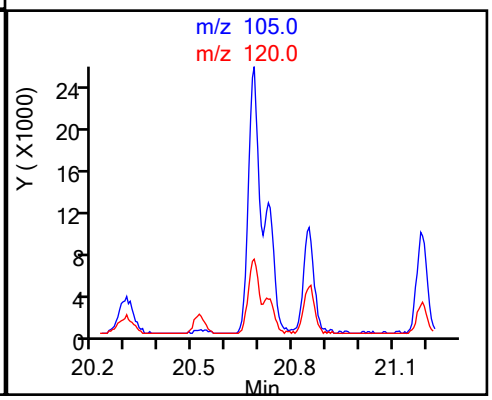












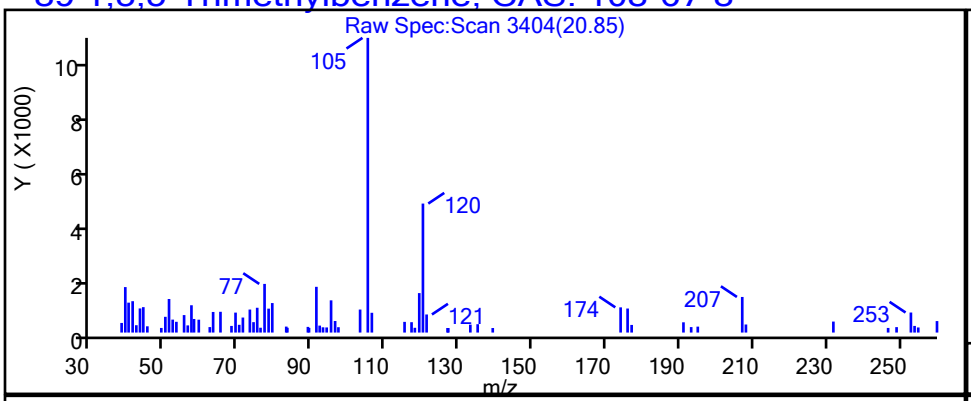
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

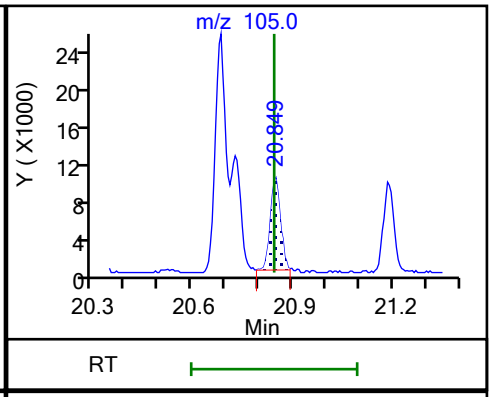
Eurofins Burlington

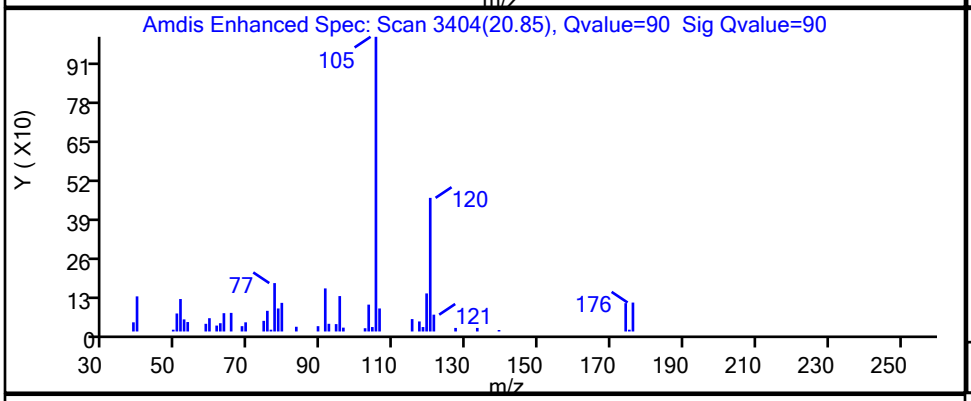
Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

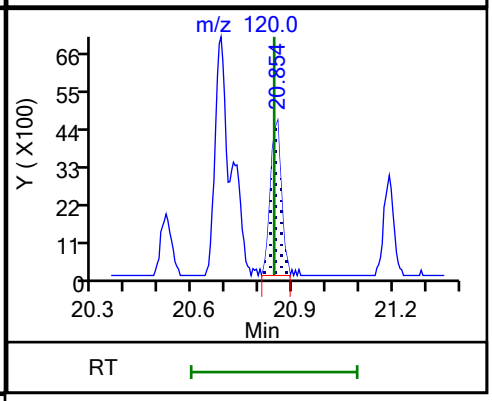
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

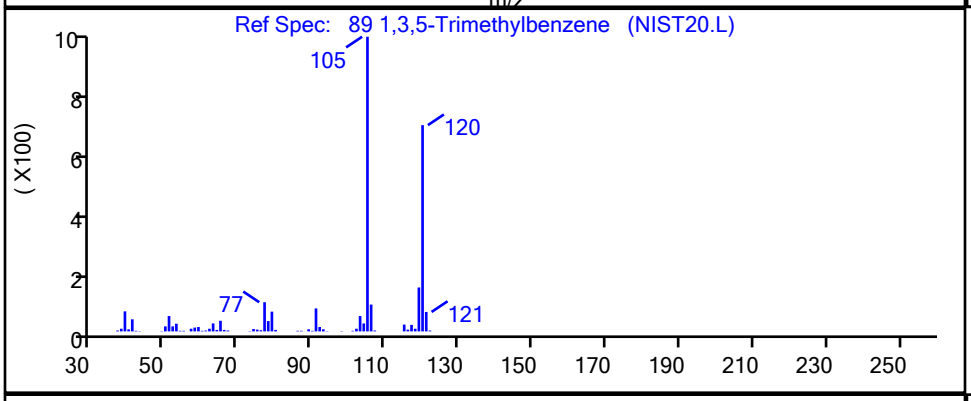
89 1,3,5-Trimethylbenzene, CAS: 108-67-8

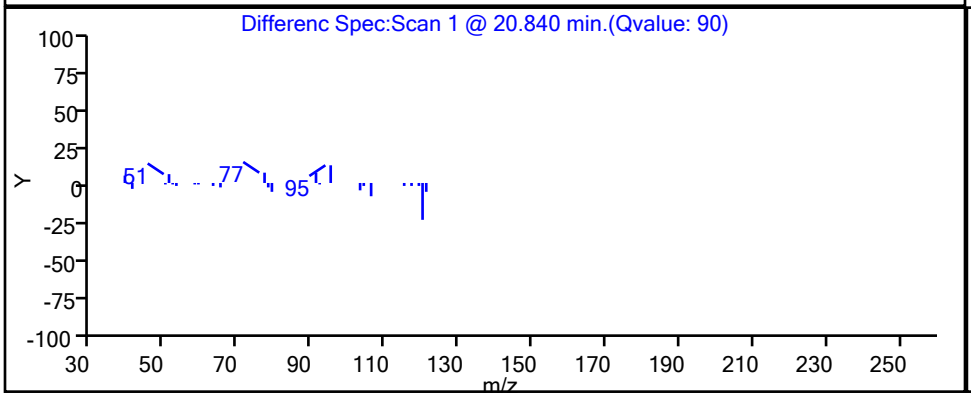


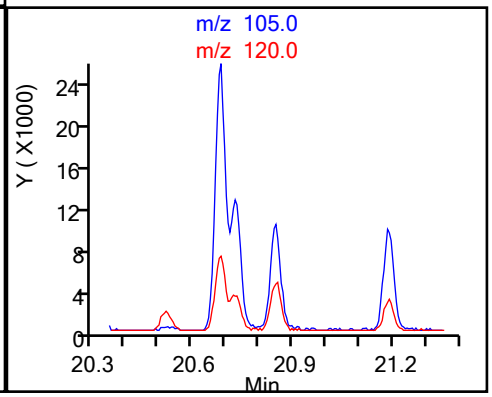












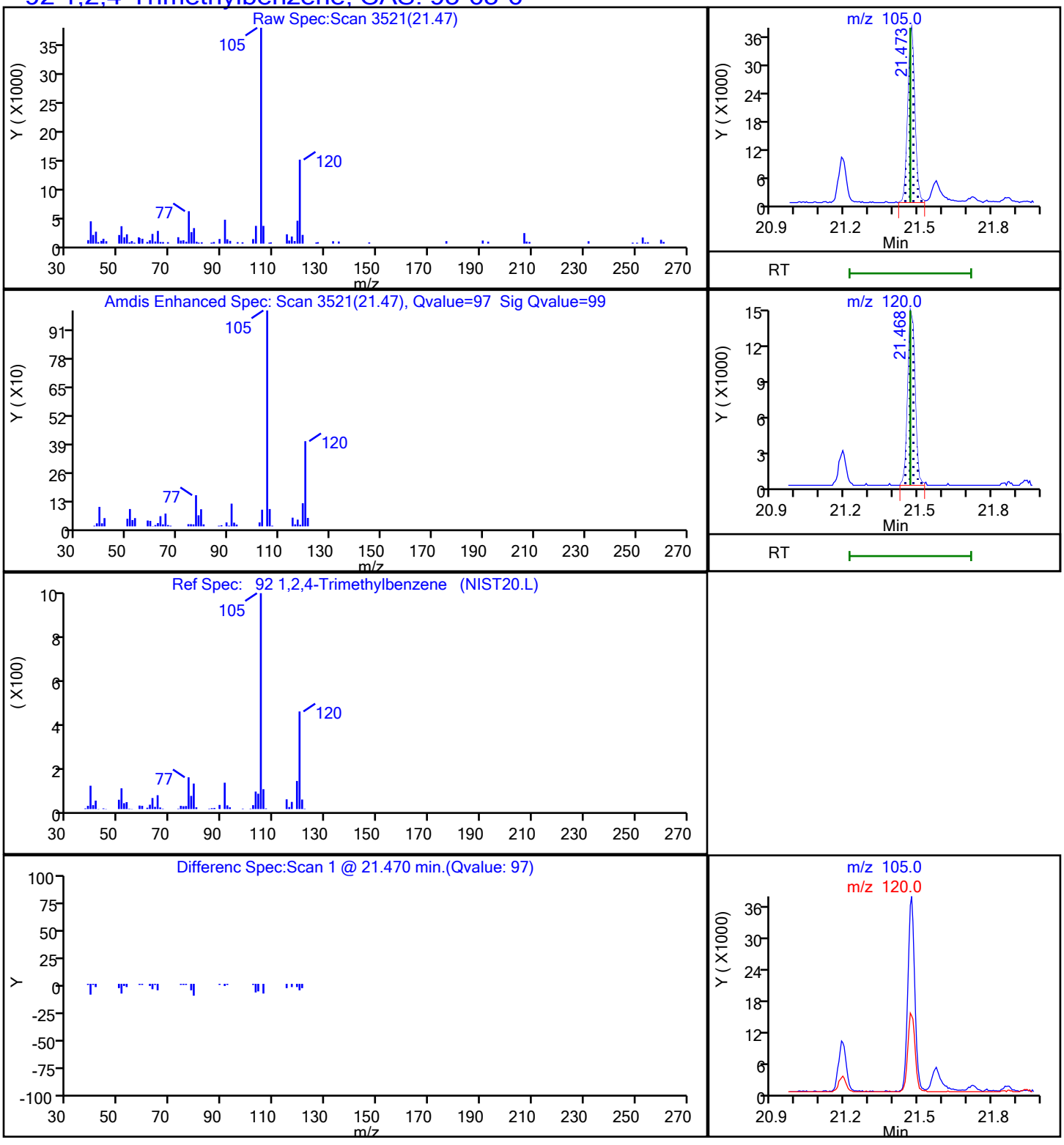
Report Date: 26-May-2022 10:59:02 Chrom Revision: 2.3 18-May-2022 20:00:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D

Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 1,2,4-Trimethylbenzene, CAS: 95-63-6



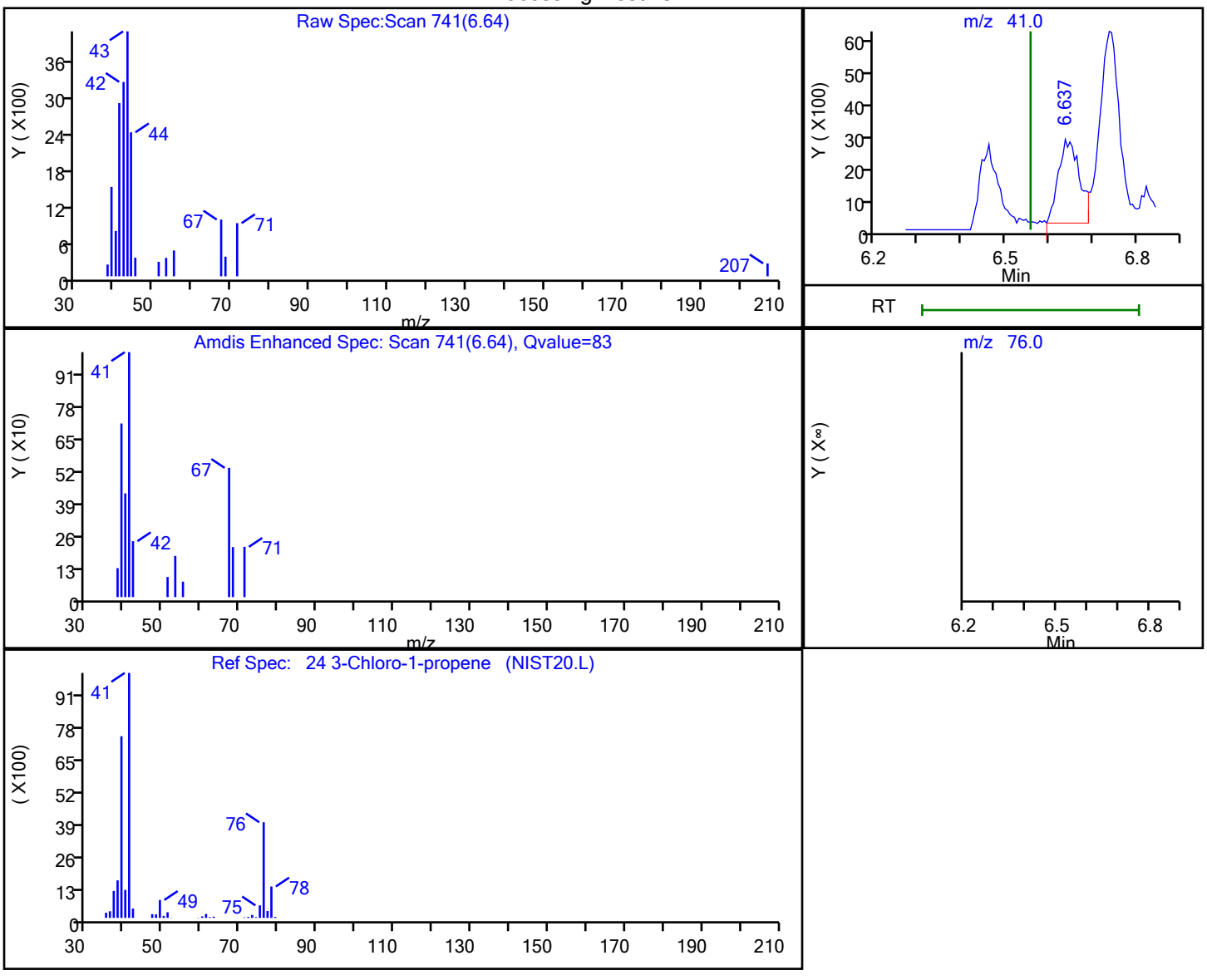
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.64	41.00	8844	0.399508
6.56	76.00	0	

Reviewer: puangmaleek, 26-May-2022 10:57:07

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

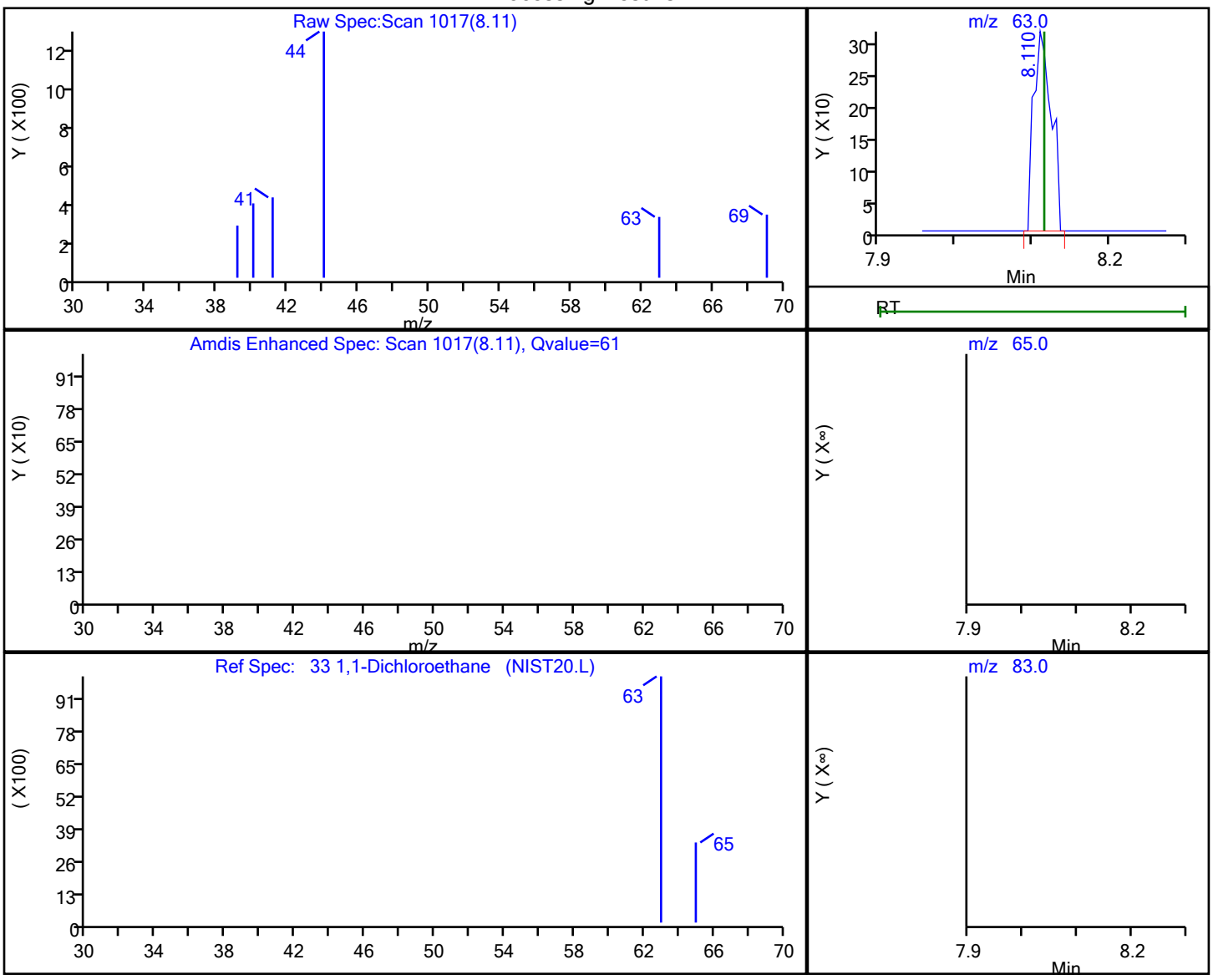
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
8.11	63.00	506	0.014624
8.11	65.00	0	
8.11	83.00	0	

Reviewer: puangmaleek, 26-May-2022 10:57:13

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

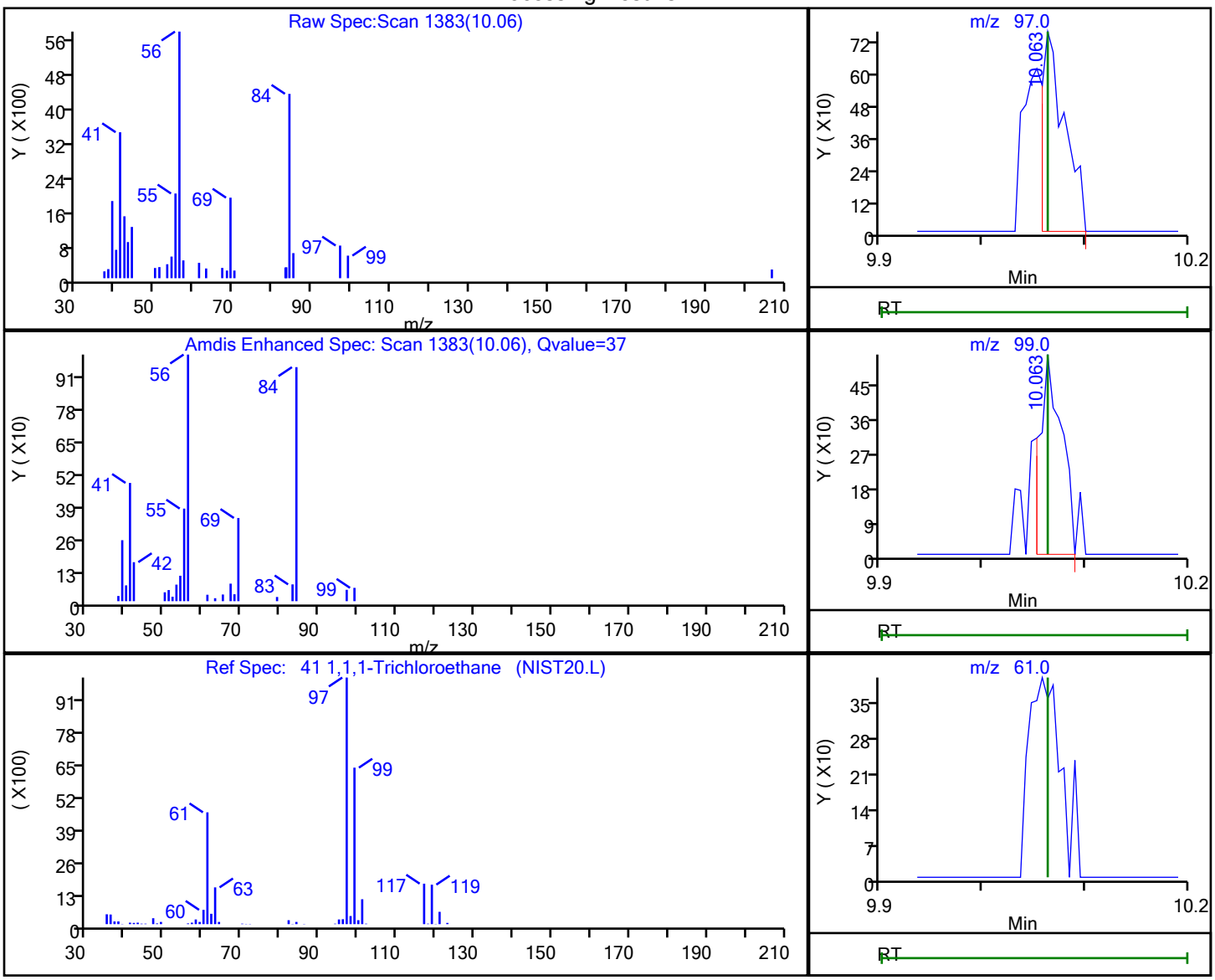
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
10.06	97.00	1164	0.018724
10.06	99.00	774	
10.06	61.00	0	

Reviewer: puangmaleek, 26-May-2022 10:57:21

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

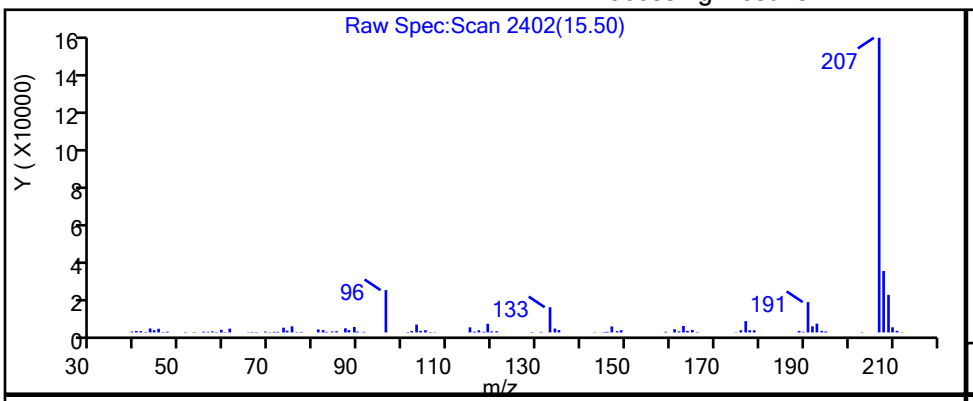
User Disabled Compound Report

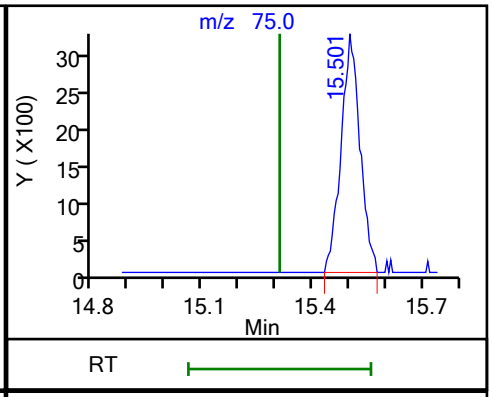
Eurofins Burlington

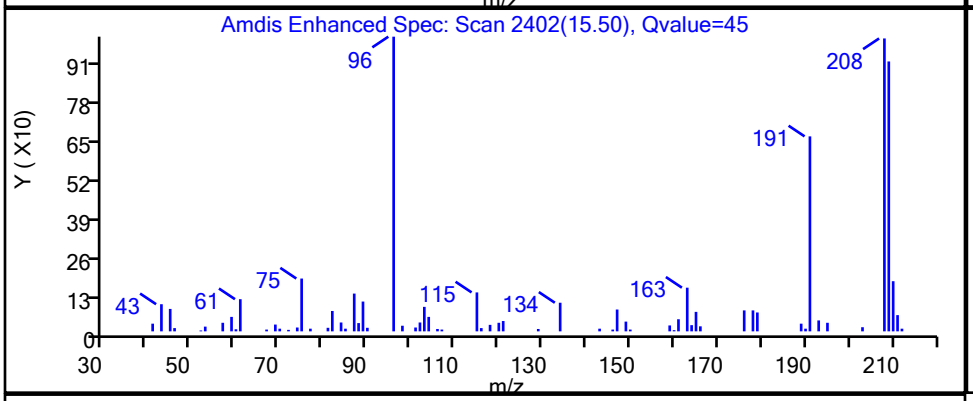
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

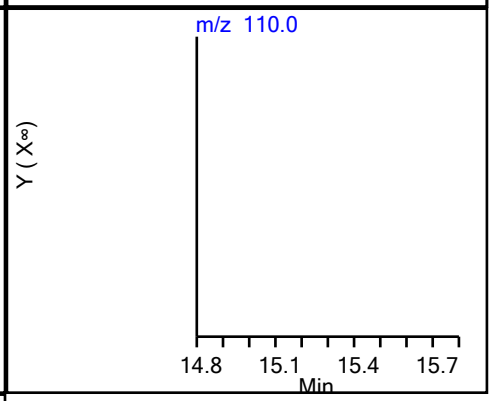
66 trans-1,3-Dichloropropene, CAS: 10061-02-6

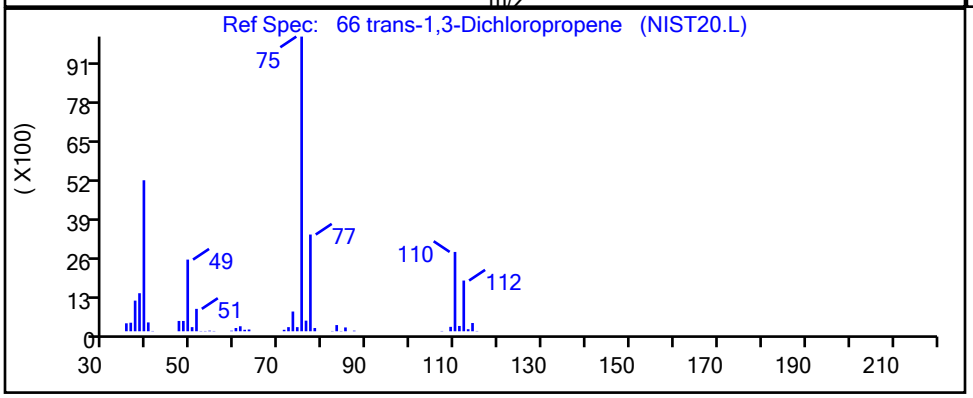
Processing Results











RT	Mass	Response	Amount
15.50	75.00	11830	0.149024
15.31	110.00	0	

Reviewer: puangmaleek, 26-May-2022 10:57:37

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

Eurofins Burlington

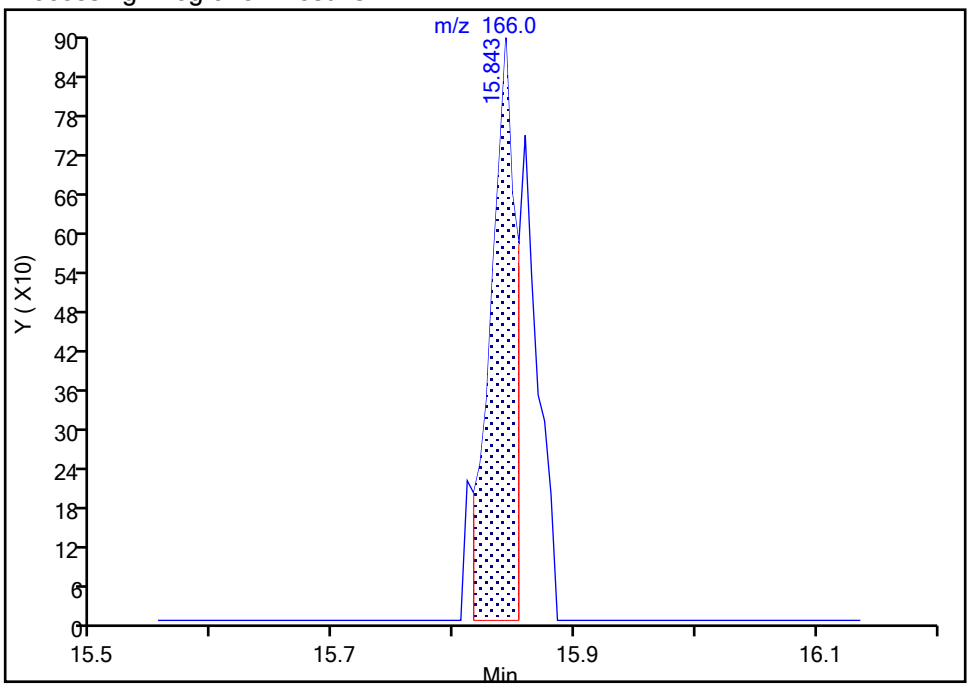
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4

Signal: 1

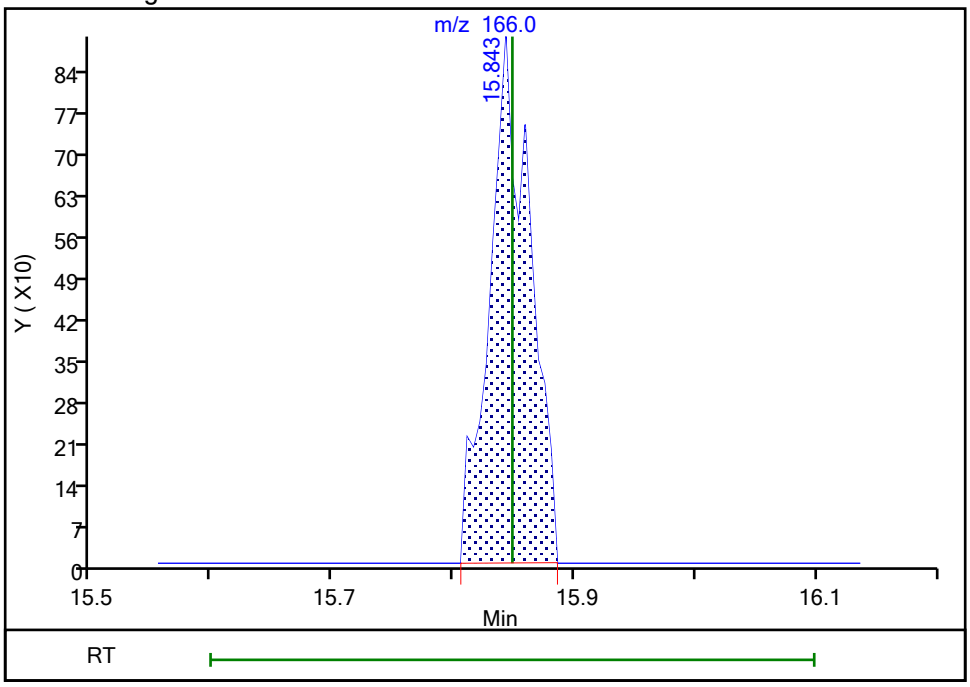
Processing Integration Results

RT: 15.84
Area: 1335
Amount: 0.019465
Amount Units: ppb v/v



Manual Integration Results

RT: 15.84
Area: 2081
Amount: 0.030343
Amount Units: ppb v/v



Reviewer: puangmaleek, 26-May-2022 10:58:07
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

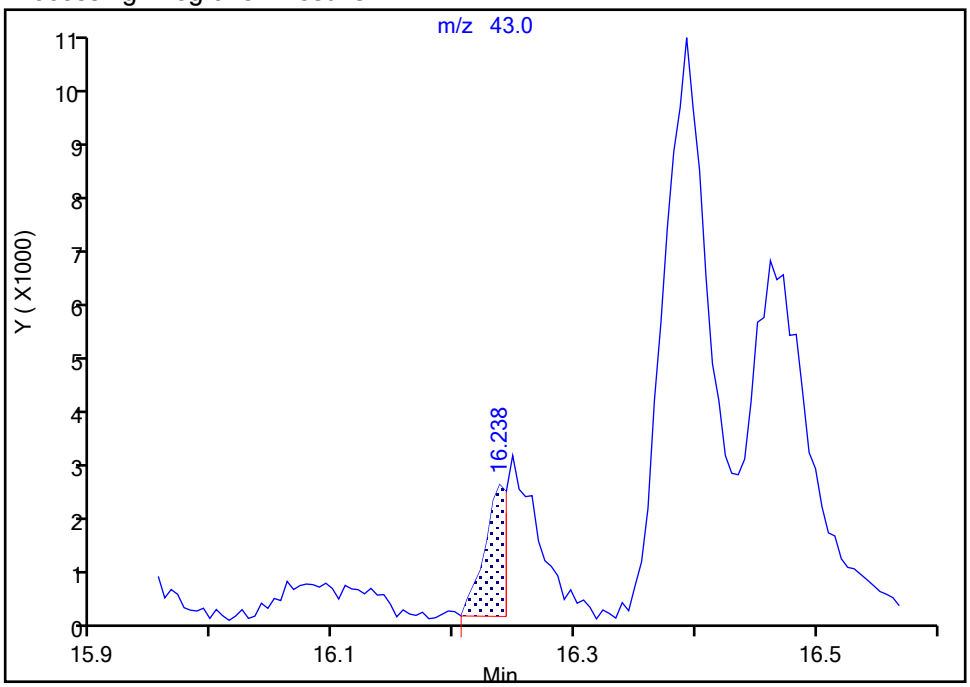
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

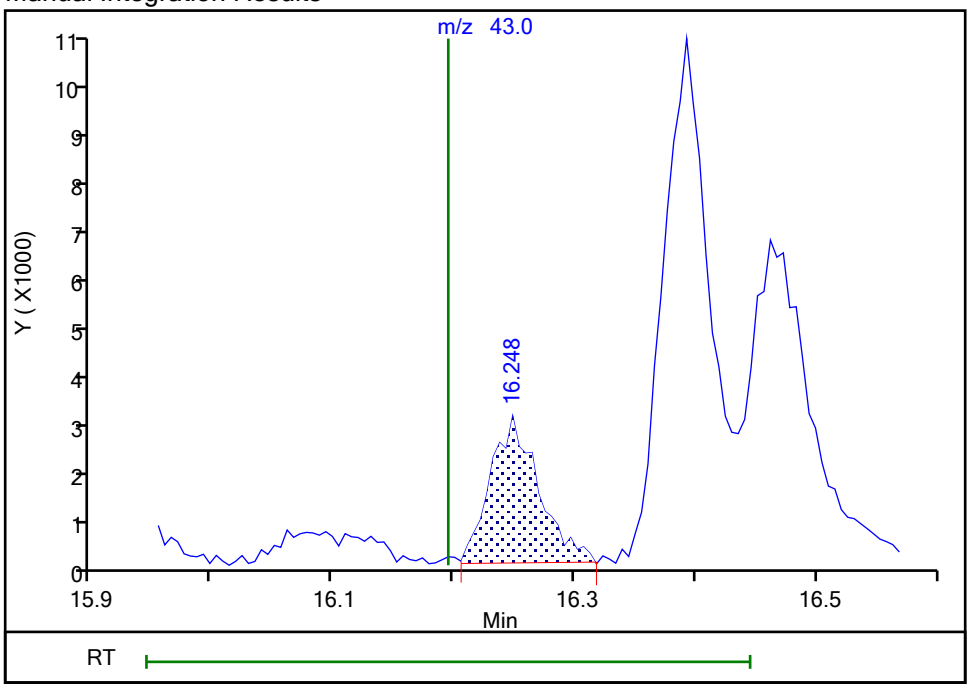
Processing Integration Results

RT: 16.24
Area: 3000
Amount: 0.022221
Amount Units: ppb v/v



Manual Integration Results

RT: 16.25
Area: 7753
Amount: 0.057427
Amount Units: ppb v/v



Reviewer: puangmaleek, 26-May-2022 10:58:14

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

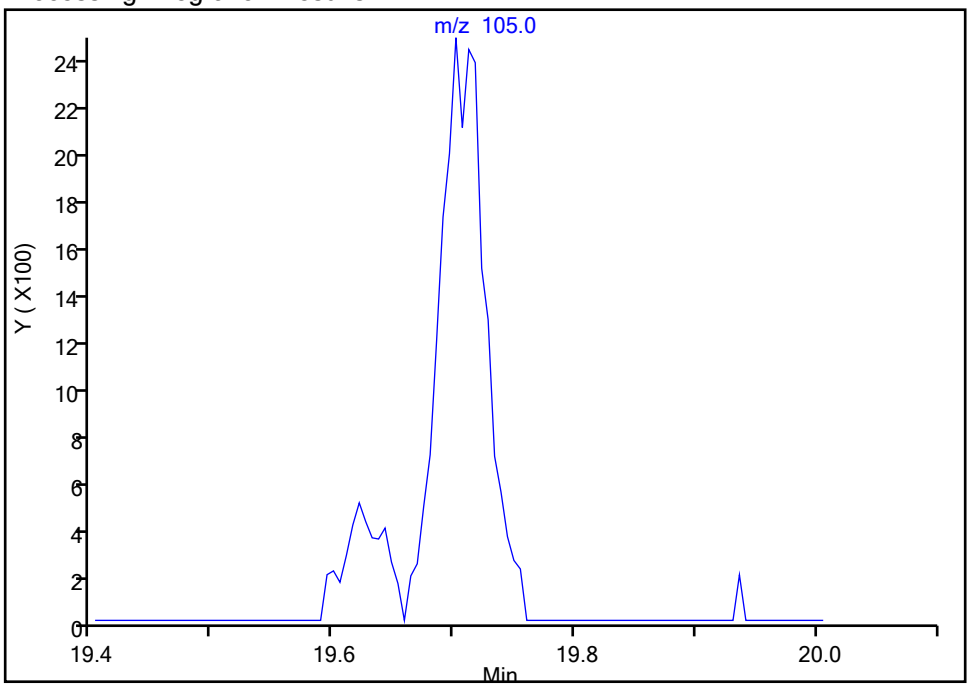
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

81 Isopropylbenzene, CAS: 98-82-8

Signal: 1

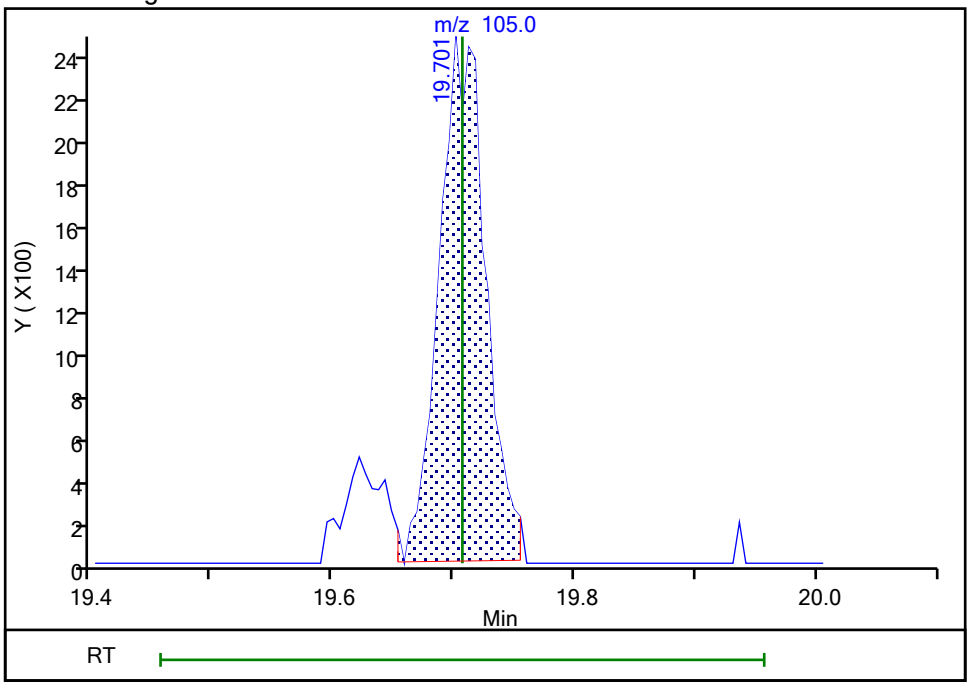
Not Detected
Expected RT: 19.71

Processing Integration Results



Manual Integration Results

RT: 19.70
Area: 6546
Amount: 0.028591
Amount Units: ppb v/v



Reviewer: puangmaleek, 26-May-2022 10:58:34
Audit Action: Manually Integrated Audit Reason: Assign Peak

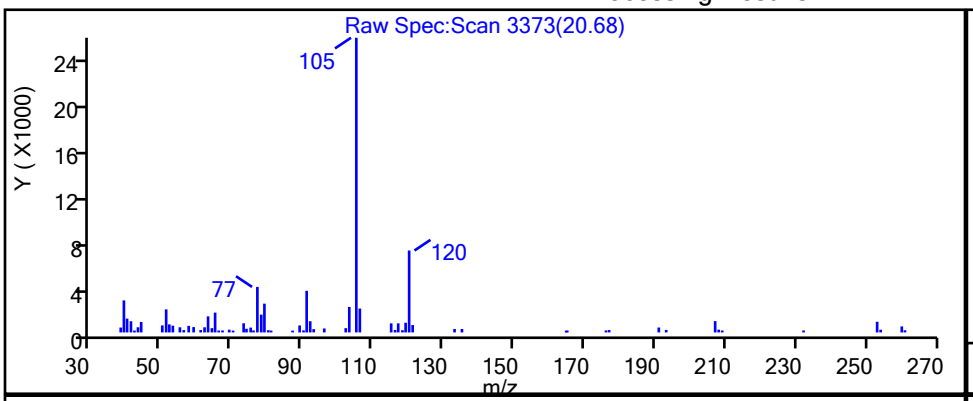
User Disabled Compound Report

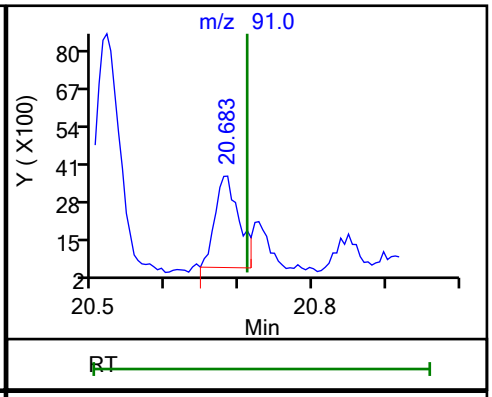
Eurofins Burlington

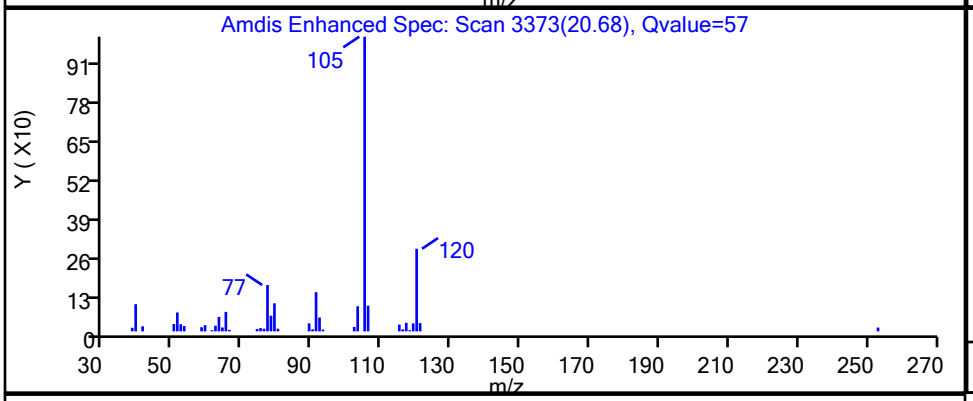
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

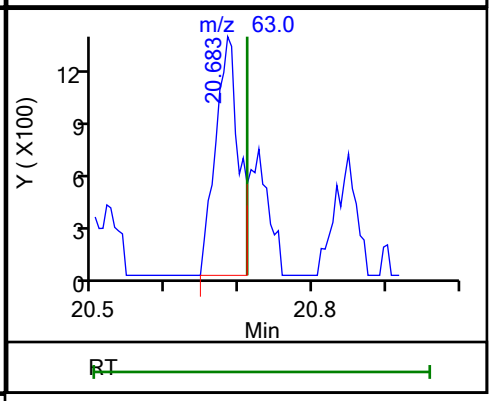
86 2-Chlorotoluene, CAS: 95-49-8

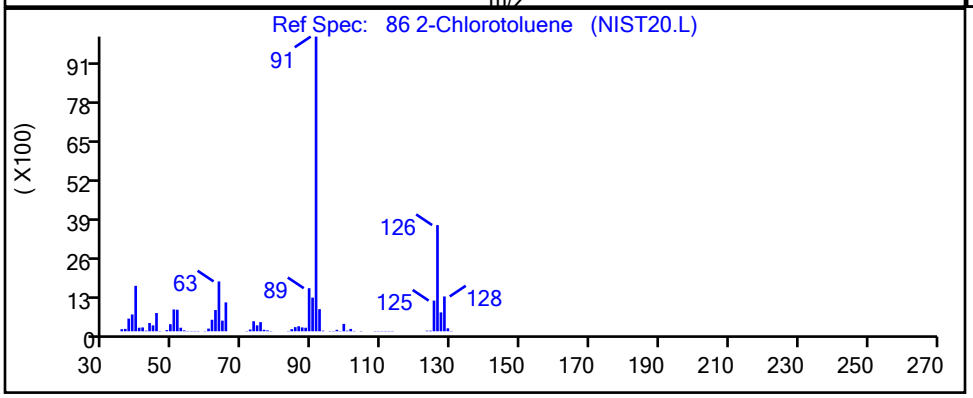
Processing Results











RT	Mass	Response	Amount
20.68	91.00	7339	0.036635
20.68	63.00	3056	

Reviewer: puangmaleek, 26-May-2022 10:58:38

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

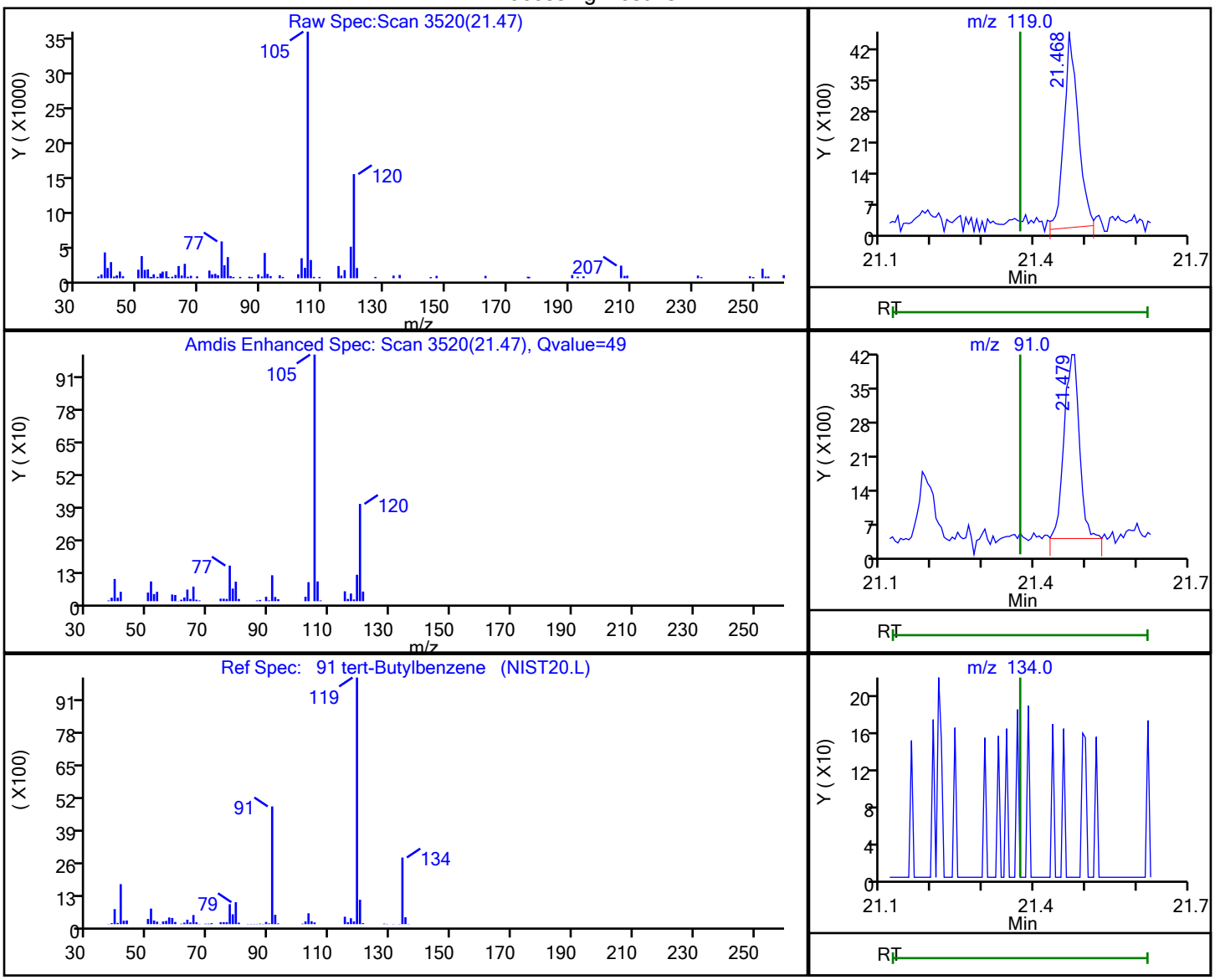
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

91 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
21.47	119.00	8557	0.048449
21.48	91.00	7866	
21.37	134.00	0	

Reviewer: puangmaleek, 26-May-2022 10:58:43

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

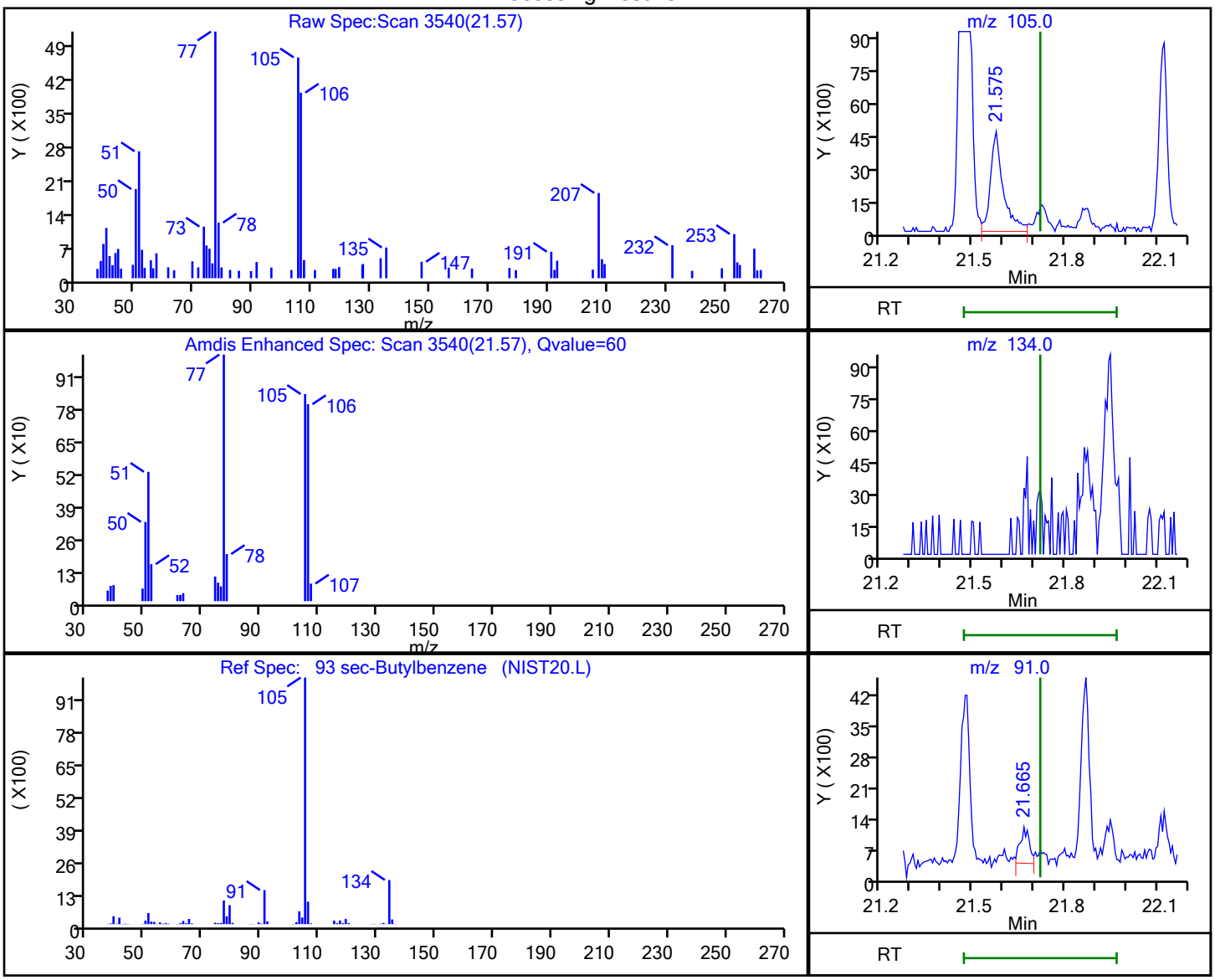
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
21.57	105.00	13568	0.048003
21.72	134.00	0	
21.67	91.00	1706	

Reviewer: puangmaleek, 26-May-2022 10:58:45

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

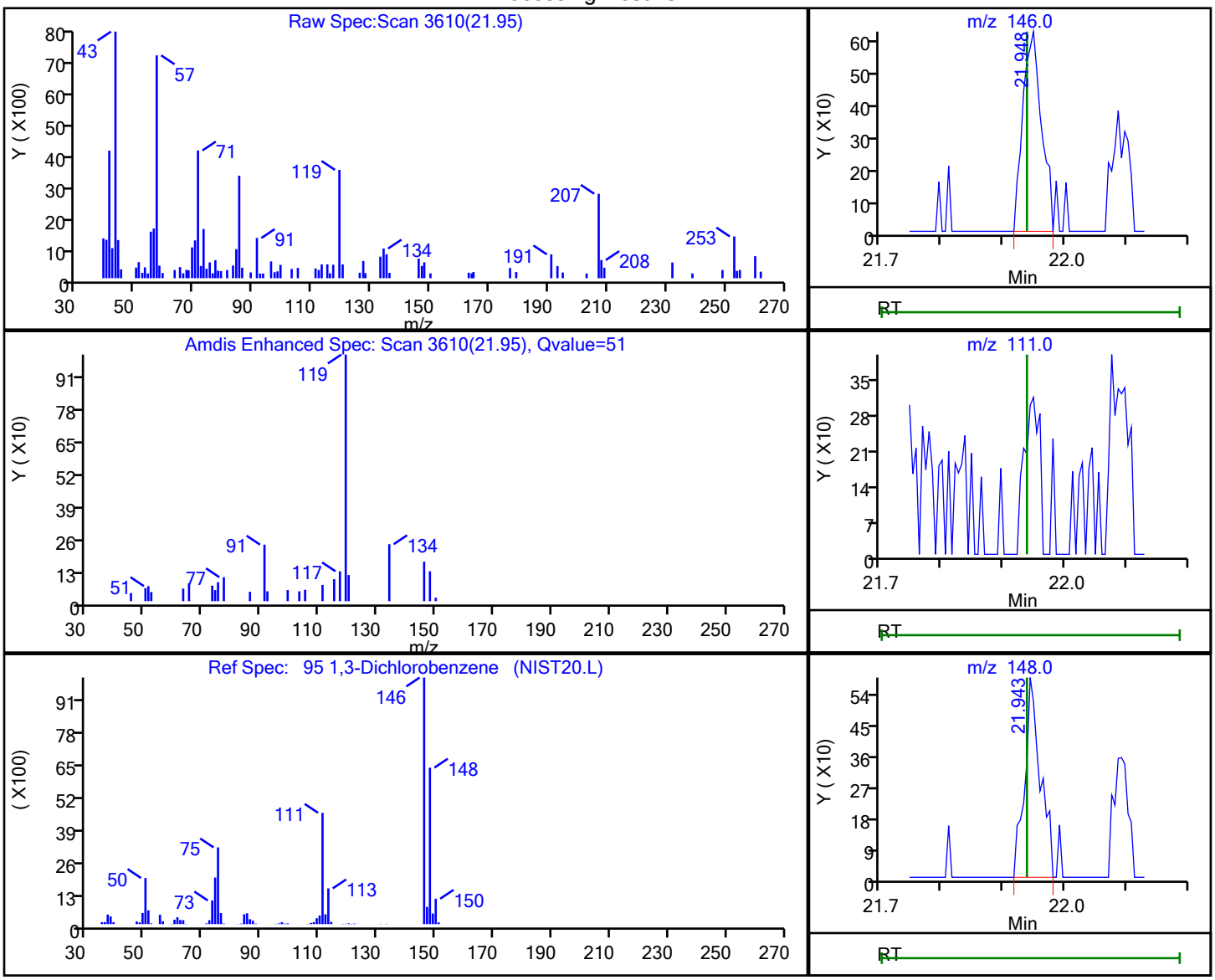
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.95	146.00	1337	0.011251
21.94	111.00	0	
21.94	148.00	1040	

Reviewer: puangmaleek, 26-May-2022 10:58:47

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

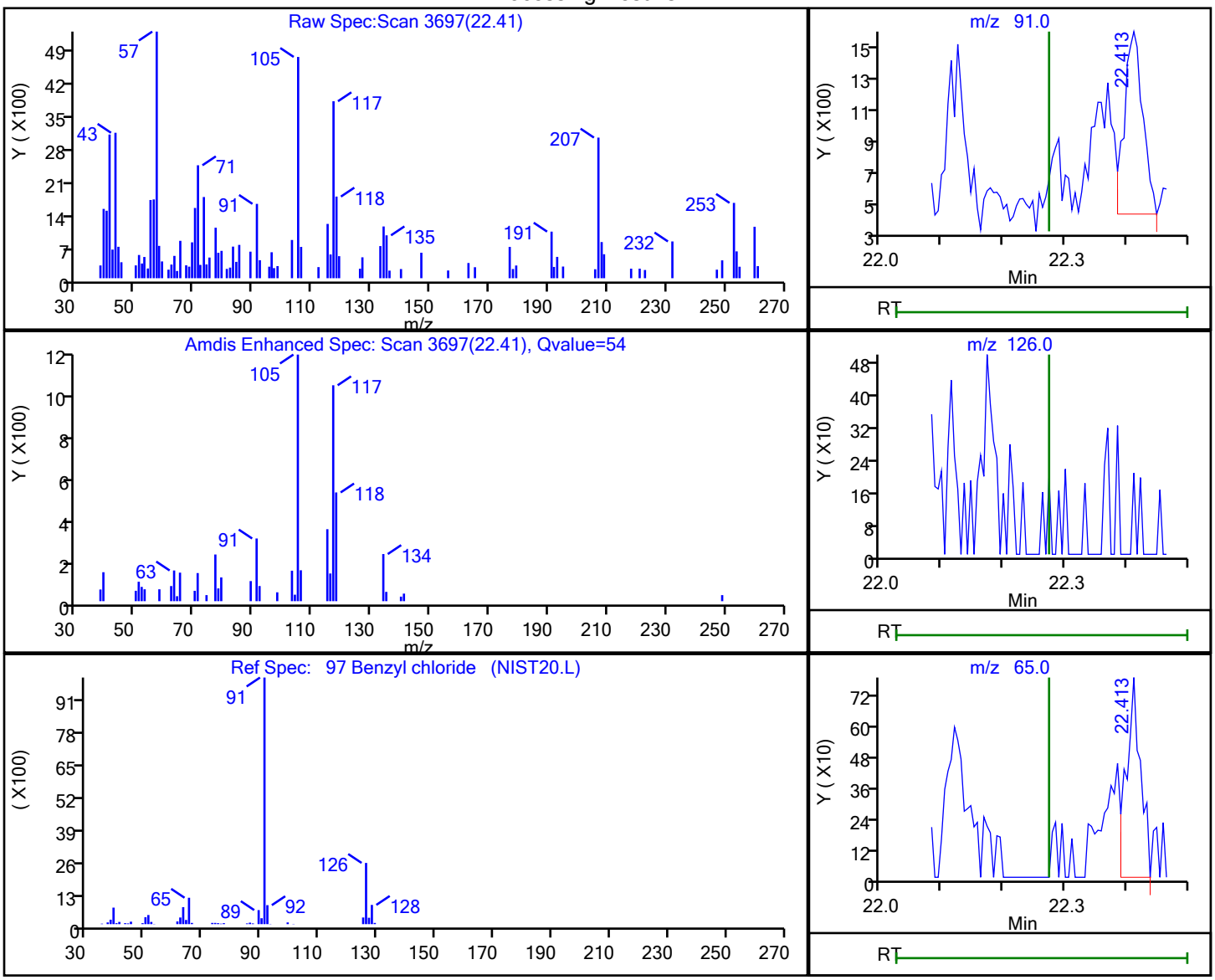
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220525-50993.b\50993-15.D				
Injection Date:	25-May-2022 19:48:30	Instrument ID:	CHC.i		
Lims ID:	200-63486-A-1 DU	Lab Sample ID:	200-63486-1		
Client ID:					
Operator ID:	vtp	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
22.41	91.00	2407	0.012151
22.27	126.00	0	
22.41	65.00	1260	

Reviewer: puangmaleek, 26-May-2022 10:58:50

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

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Instrument ID: CHC.i Start Date: 05/19/2022 13:19

Analysis Batch Number: 180002 End Date: 05/20/2022 06:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-180002/1		05/19/2022 13:19	1	50922-01.D	RTX-624 0.32(mm)
IC 200-180002/4		05/19/2022 15:56	1	50922-04.D	RTX-624 0.32(mm)
IC 200-180002/5		05/19/2022 16:51	1	50922-05.D	RTX-624 0.32(mm)
IC 200-180002/6		05/19/2022 17:46	1	50922-06.D	RTX-624 0.32(mm)
IC 200-180002/7		05/19/2022 18:40	1	50922-07.D	RTX-624 0.32(mm)
ICIS 200-180002/8		05/19/2022 19:35	1	50922-08.D	RTX-624 0.32(mm)
IC 200-180002/9		05/19/2022 20:29	1	50922-09.D	RTX-624 0.32(mm)
IC 200-180002/13		05/20/2022 00:06	1	50922-13.D	RTX-624 0.32(mm)
IC 200-180002/14		05/20/2022 01:00	1	50922-14.D	RTX-624 0.32(mm)
ICV 200-180002/18		05/20/2022 04:37	1	50922-18.D	RTX-624 0.32(mm)
ZZZZZ		05/20/2022 06:25	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Instrument ID: CHC.i Start Date: 05/25/2022 07:23

Analysis Batch Number: 180174 End Date: 05/26/2022 04:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-180174/1		05/25/2022 07:23	1	50993-01.D	RTX-624 0.32(mm)
CCVIS 200-180174/2		05/25/2022 08:07	1	50993-02.D	RTX-624 0.32(mm)
LCS 200-180174/3		05/25/2022 09:01	1	50993-03.D	RTX-624 0.32(mm)
MB 200-180174/4		05/25/2022 09:55	1	50993-04.D	RTX-624 0.32(mm)
ZZZZZ		05/25/2022 10:49	15.4		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 11:43	4		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 12:37	5		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 13:31	10		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 14:24	20		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 15:18	1		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 16:12	1		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 17:06	1		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 18:00	1		RTX-624 0.32(mm)
200-63486-1	SS-VENT PORT-3	05/25/2022 18:54	1	50993-14.D	RTX-624 0.32(mm)
200-63486-1 DU	SS-VENT PORT-3 DU	05/25/2022 19:48	1	50993-15.D	RTX-624 0.32(mm)
ZZZZZ		05/25/2022 20:42	10		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 21:36	10		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 22:30	10		RTX-624 0.32(mm)
ZZZZZ		05/25/2022 23:23	10		RTX-624 0.32(mm)
ZZZZZ		05/26/2022 00:18	10		RTX-624 0.32(mm)
ZZZZZ		05/26/2022 01:11	1		RTX-624 0.32(mm)
ZZZZZ		05/26/2022 02:05	1		RTX-624 0.32(mm)
ZZZZZ		05/26/2022 02:59	1		RTX-624 0.32(mm)
ZZZZZ		05/26/2022 03:52	1		RTX-624 0.32(mm)
ZZZZZ		05/26/2022 04:46	1		RTX-624 0.32(mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Batch Number: 180002 Batch Start Date: 05/19/22 13:19 Batch Analyst: Pham, Vu T

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00240	ATTO15CAL2w 00314	ATTO15CAL3w 00246	ATTO15CAL4w 00782
BFB 200-180002/1		TO-15		200 mL	200 mL				
IC 200-180002/4		TO-15		200 mL	200 mL	35 mL			
IC 200-180002/5		TO-15		200 mL	200 mL	200 mL			
IC 200-180002/6		TO-15		200 mL	200 mL		200 mL		
IC 200-180002/7		TO-15		200 mL	200 mL			200 mL	
ICIS 200-180002/8		TO-15		200 mL	200 mL				200 mL
IC 200-180002/9		TO-15		200 mL	200 mL				
IC 200-180002/13		TO-15		200 mL	200 mL				
IC 200-180002/14		TO-15		200 mL	200 mL				
ICV 200-180002/18		TO-15		200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL5w 00117	ATTO15CAL6w 00201	ATTO15CAL7w 00117	ATTO15CISs 00011	ATTO15LCSW 00841	
BFB 200-180002/1		TO-15					40 mL		
IC 200-180002/4		TO-15					40 mL		
IC 200-180002/5		TO-15					40 mL		
IC 200-180002/6		TO-15					40 mL		
IC 200-180002/7		TO-15					40 mL		
ICIS 200-180002/8		TO-15					40 mL		
IC 200-180002/9		TO-15		200 mL			40 mL		
IC 200-180002/13		TO-15			200 mL		40 mL		
IC 200-180002/14		TO-15				200 mL	40 mL		
ICV 200-180002/18		TO-15					40 mL	200 mL	

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Batch Number: 180002 Batch Start Date: 05/19/22 13:19 Batch Analyst: Pham, Vu T

Batch Method: TO-15 Batch End Date:

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-63486-1

SDG No.: 200-63486

Batch Number: 180174 Batch Start Date: 05/25/22 07:23 Batch Analyst: Puangmalee, Kesanee 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00780	ATTO15CISs 00011	ATTO15LCSW 00840	
BFB 200-180174/1		TO-15		200 mL	200 mL		40 mL		
CCVIS 200-180174/2		TO-15		200 mL	200 mL	200 mL	40 mL		
LCS 200-180174/3		TO-15		200 mL	200 mL		40 mL	200 mL	
MB 200-180174/4		TO-15		200 mL	200 mL		40 mL		
200-63486-A-1	SS-VENT PORT-3	TO-15	T	200 mL	200 mL		40 mL		
200-63486-A-1 DU	SS-VENT PORT-3	TO-15	T	200 mL	200 mL		40 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-63486	05/24/22	6:27	29.9	20	G16	ZK

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-63486-A-1	2706	-5.7	N	4031	90/66	Y	6020-50619	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

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	10	50	4/28/2022	1244	20	20	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	3316	1.04	1.04	0	29.9	G26	4/29/22	1021	—	16.0	G26	5/8/22	1045	—	21.0
2	5053	"	.041	0	"	G26	"	"	"	"	G26	"	"	"	"
3	4576	"	.20	.16	"	G26	"	"	"	"	G26	"	"	"	"
4	6600	"	.04	0	"	G26	"	"	"	"	G26	"	"	"	"
5	4292	"	.09	.05	"	G26	"	"	"	"	G26	"	"	"	"
6	3289	"	1.04	0	"	G26	"	"	"	"	G26	"	"	"	"
7	2706	"	.041	0	"	G26	"	"	"	"	G26	"	"	"	"
8	6020	1.04	1.04	0	29.9	G26	5/8/22	1149	—	21.0	G26	5/10/22	1333	—	22.0
9	3659	1.04	1.16	.12	29.9	G26	4/29/22	1021	—	16.0	G26	5/8/22	1045	—	21.0
10	34002081	"	1.04	0	"	G26	"	"	"	"	G26	"	"	"	"
11	6304	"	.041	0	"	G26	"	"	"	"	G26	"	"	"	"
12	2848	"	1.23	.19	"	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	Revi
6020	5/2/22	50619	KPI		XXXXXXX				5/2/22	

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 III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 50619-04.D

Lab ID: LCS 200-179318/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	12.4	124	50-158	
Dichlorodifluoromethane	10.0	10.2	102	61-142	
Freon 22	10.0	11.6	116	60-147	
1,2-Dichlorotetrafluoroethane	10.0	10.3	103	71-141	
Chloromethane	10.0	12.2	122	56-141	
n-Butane	10.0	11.2	112	53-151	
Vinyl chloride	10.0	10.4	104	61-135	
1,3-Butadiene	10.0	10.2	102	58-139	
Bromomethane	10.0	9.37	94	72-124	
Chloroethane	10.0	11.6	116	68-130	
Bromoethene(Vinyl Bromide)	10.0	9.81	98	75-125	
Trichlorofluoromethane	10.0	9.47	95	70-129	
Ethanol	14.7	14.7	100	50-150	
Freon TF	10.0	10.4	104	70-121	
1,1-Dichloroethene	10.0	10.3	103	68-120	
Acetone	10.0	11.4	114	54-154	
Isopropyl alcohol	10.0	11.1	111	53-142	
Carbon disulfide	10.0	11.3	113	71-138	
3-Chloropropene	10.0	10.8	108	50-150	
Methylene Chloride	10.0	11.8	118	59-137	
tert-Butyl alcohol	10.0	11.0	110	66-132	
Methyl tert-butyl ether	10.0	10.5	105	70-127	
trans-1,2-Dichloroethene	10.0	10.8	108	69-137	
n-Hexane	10.0	11.2	112	63-138	
1,1-Dichloroethane	10.0	10.8	108	66-130	
Vinyl acetate	10.0	8.75	87	59-149	
Ethyl acetate	10.0	11.2	112	70-131	
Methyl Ethyl Ketone	10.0	10.8	108	72-124	
cis-1,2-Dichloroethene	10.0	10.2	102	72-121	
Chloroform	10.0	10.6	106	73-124	
Tetrahydrofuran	10.0	12.7	127	60-149	
1,1,1-Trichloroethane	10.0	10.0	100	72-127	
Cyclohexane	10.0	10.7	107	76-124	
Carbon tetrachloride	10.0	9.45	95	71-133	
2,2,4-Trimethylpentane	10.0	11.4	114	68-131	
Benzene	10.0	10.6	107	73-119	
1,2-Dichloroethane	10.0	10.5	105	68-135	
n-Heptane	10.0	11.4	114	60-142	
Trichloroethene	10.0	9.49	95	73-122	
Methyl methacrylate	10.0	10.7	107	73-129	
1,2-Dichloropropane	10.0	10.6	106	69-128	
1,4-Dioxane	10.0	10.1	101	66-129	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 50619-04.D

Lab ID: LCS 200-179318/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.91	99	75-127	
cis-1,3-Dichloropropene	10.0	9.63	96	74-125	
methyl isobutyl ketone	10.0	10.7	107	58-144	
Toluene	10.0	9.95	100	75-122	
trans-1,3-Dichloropropene	10.0	10.1	101	74-128	
1,1,2-Trichloroethane	10.0	10.1	101	75-126	
Tetrachloroethene	10.0	8.74	87	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.6	106	57-143	
Dibromochloromethane	10.0	9.86	99	73-125	
1,2-Dibromoethane	10.0	9.81	98	78-122	
Chlorobenzene	10.0	9.61	96	76-119	
Ethylbenzene	10.0	9.89	99	74-122	
m,p-Xylene	20.0	19.7	98	76-121	
Xylene, o-	10.0	9.80	98	73-123	
Styrene	10.0	10.1	101	74-125	
Bromoform	10.0	10.1	101	53-149	
Cumene	10.0	9.75	98	73-123	
1,1,2,2-Tetrachloroethane	10.0	9.87	99	74-126	
n-Propylbenzene	10.0	9.86	99	73-127	
4-Ethyltoluene	10.0	9.71	97	75-129	
1,3,5-Trimethylbenzene	10.0	9.99	100	72-126	
2-Chlorotoluene	10.0	9.84	98	74-126	
tert-Butylbenzene	10.0	9.54	95	71-125	
1,2,4-Trimethylbenzene	10.0	9.81	98	71-129	
sec-Butylbenzene	10.0	9.77	98	70-128	
4-Isopropyltoluene	10.0	9.81	98	68-130	
1,3-Dichlorobenzene	10.0	9.25	92	69-131	
1,4-Dichlorobenzene	10.0	9.12	91	67-132	
Benzyl chloride	10.0	9.54	95	60-136	
n-Butylbenzene	10.0	9.90	99	65-137	
1,2-Dichlorobenzene	10.0	9.16	92	68-129	
1,2,4-Trichlorobenzene	10.0	7.86	79	50-150	
Hexachlorobutadiene	10.0	7.94	79	58-130	
Naphthalene	10.0	8.67	87	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab File ID: 50619-05.D Lab Sample ID: MB 200-179318/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHC.i Date Analyzed: 04/29/2022 10:51

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-179318/4	50619-04.D	04/29/2022 09:57
6020	200-63170-8	50619-13.D	04/29/2022 18:19

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

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-179318/5

Matrix: Air Lab File ID: 50619-05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/29/2022 10:51

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 179318 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.50	U	0.50	0.50
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20

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

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-179318/5

Matrix: Air Lab File ID: 50619-05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/29/2022 10:51

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 179318 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20

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

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-179318/5

Matrix: Air Lab File ID: 50619-05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/29/2022 10:51

Soil Aliquot Vol: Dilution Factor: 1

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 179318 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220429-50619.b\50619-05.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 29-Apr-2022 10:51:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0050619-005
Misc. Info.: mb
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220429-50619.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 02-May-2022 08:28:21 Calib Date: 20-Apr-2022 04:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220419-50460.b\50460-17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: puangmaleek Date: 02-May-2022 08:43:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		2.821					ND	7
2 Dichlorodifluoromethane	85		2.879					ND	7
3 Chlorodifluoromethane	51		2.917					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.109					ND	7
5 Chloromethane	50		3.216					ND	
6 Butane	43		3.402					ND	
7 Vinyl chloride	62		3.429					ND	
8 Butadiene	54		3.499					ND	
9 Bromomethane	94		4.086					ND	
10 Chloroethane	64		4.299					ND	
11 2-Methylbutane	43		4.406					ND	
13 Vinyl bromide	106		4.662					ND	
14 Trichlorofluoromethane	101		4.779					ND	
15 Pentane	43		4.929					ND	
16 Ethanol	45		5.361					ND	
17 Ethyl ether	59		5.446					ND	
18 Acrolein	56		5.724					ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.815					ND	
20 1,1-Dichloroethene	96		5.825					ND	
21 Acetone	43		6.044					ND	7
22 Carbon disulfide	76		6.188					ND	7
23 Isopropyl alcohol	45		6.434					ND	
24 3-Chloro-1-propene	41		6.567					ND	
25 Acetonitrile	41		6.621					ND	
26 Methylene Chloride	49		6.839					ND	7
28 2-Methyl-2-propanol	59		7.218					ND	
29 trans-1,2-Dichloroethene	61		7.304					ND	
30 Methyl tert-butyl ether	73		7.336					ND	
31 Acrylonitrile	53		7.373					ND	
32 Hexane	57		7.741					ND	
33 1,1-Dichloroethane	63		8.126					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43		8.238					ND	
35 cis-1,2-Dichloroethene	96		9.209					ND	
36 2-Butanone (MEK)	72		9.273					ND	
37 Ethyl acetate	88		9.364					ND	
* 38 Chlorobromomethane	128	9.636	9.647	-0.011	84	303253	20.0	20.0	
39 Tetrahydrofuran	42		9.732					ND	
40 Chloroform	83		9.801					ND	
41 1,1,1-Trichloroethane	97		10.074					ND	
42 Cyclohexane	84		10.090					ND	
S 43 1,2-Dichloroethene, Total	61		10.200					ND	7
44 Carbon tetrachloride	117		10.346					ND	
45 Benzene	78		10.762					ND	7
46 Isooctane	57		10.826					ND	
47 1,2-Dichloroethane	62		10.906					ND	
48 n-Heptane	43		11.232					ND	7
* 49 1,4-Difluorobenzene	114	11.605	11.605	0.000	95	1924842	20.0	20.0	
50 Trichloroethene	95		12.080					ND	
51 n-Butanol	56		12.150					ND	
53 1,2-Dichloropropane	63		12.571					ND	
A 54 GRO	1	12.606	(4.396-20.816)		0	6022759		0	
56 Dibromomethane	174	12.828	12.822	0.006	89	735		0.0147	
55 Methyl methacrylate	69		12.827					ND	
57 1,4-Dioxane	88		12.891					ND	
58 Dichlorobromomethane	83		13.148					ND	
59 cis-1,3-Dichloropropene	75		14.114					ND	
A 60 TVOC as Toluene	1	14.298	(2.811-25.785)		0	6042401		0	
61 4-Methyl-2-pentanone (MIBK)	43		14.461					ND	
A 63 Toluene Range	1	14.727	(14.687-14.767)		0	352		NC	
62 Toluene	92		14.727					ND	7
A 65 C8 Range	1	14.918	(14.859-14.959)		0	5890		NC	
64 n-Octane	43		14.909					ND	7
66 trans-1,3-Dichloropropene	75		15.320					ND	7
67 1,1,2-Trichloroethane	83		15.683					ND	
68 Tetrachloroethene	166		15.859					ND	
69 2-Hexanone	43		16.211					ND	
70 Chlorodibromomethane	129		16.451					ND	
71 Ethylene Dibromide	107		16.697					ND	7
* 72 Chlorobenzene-d5	117	17.636	17.636	0.000	90	1700595	20.0	20.0	
73 Chlorobenzene	112		17.700					ND	7
74 Ethylbenzene	91		17.881					ND	7
75 n-Nonane	57		18.116					ND	
76 m-Xylene & p-Xylene	106		18.138					ND	7
77 o-Xylene	106		18.965					ND	
78 Styrene	104		19.013					ND	7
80 Bromoform	173		19.418					ND	7
81 Isopropylbenzene	105		19.717					ND	7
S 82 Xylenes, Total	106		20.100					ND	7
83 1,1,2,2-Tetrachloroethane	83		20.411					ND	7
84 1,2,3-Trichloropropane	75		20.497					ND	7
85 N-Propylbenzene	91		20.523					ND	7
86 2-Chlorotoluene	91		20.721					ND	7
87 4-Ethyltoluene	105		20.737					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 n-Decane	57		20.806					ND	
89 1,3,5-Trimethylbenzene	105		20.854					ND	7
90 Alpha Methyl Styrene	118		21.249					ND	7
91 tert-Butylbenzene	119		21.377					ND	7
92 1,2,4-Trimethylbenzene	105	21.505	21.479	0.026	75	1455		0.008576	
93 sec-Butylbenzene	105		21.729					ND	7
95 1,3-Dichlorobenzene	146	21.975	21.948	0.027	90	1334		0.0110	
94 4-Isopropyltoluene	119		21.954					ND	7
96 1,4-Dichlorobenzene	146	22.119	22.092	0.027	91	2025		0.0170	
97 Benzyl chloride	91		22.284					ND	7
98 n-Butylbenzene	91		22.541					ND	7
100 1,2-Dichlorobenzene	146	22.637	22.621	0.016	86	1888		0.0164	
99 Undecane	57		22.626					ND	7
101 Dodecane	57		24.115					ND	7
102 1,2,4-Trichlorobenzene	180	24.958	24.937	0.021	87	2256		0.0197	
103 Hexachlorobutadiene	225		25.145					ND	7
104 Naphthalene	128	25.364	25.337	0.027	97	5330		0.0227	
105 1,2,3-Trichlorobenzene	180	25.791	25.775	0.016	93	1993		0.0208	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Reagents:

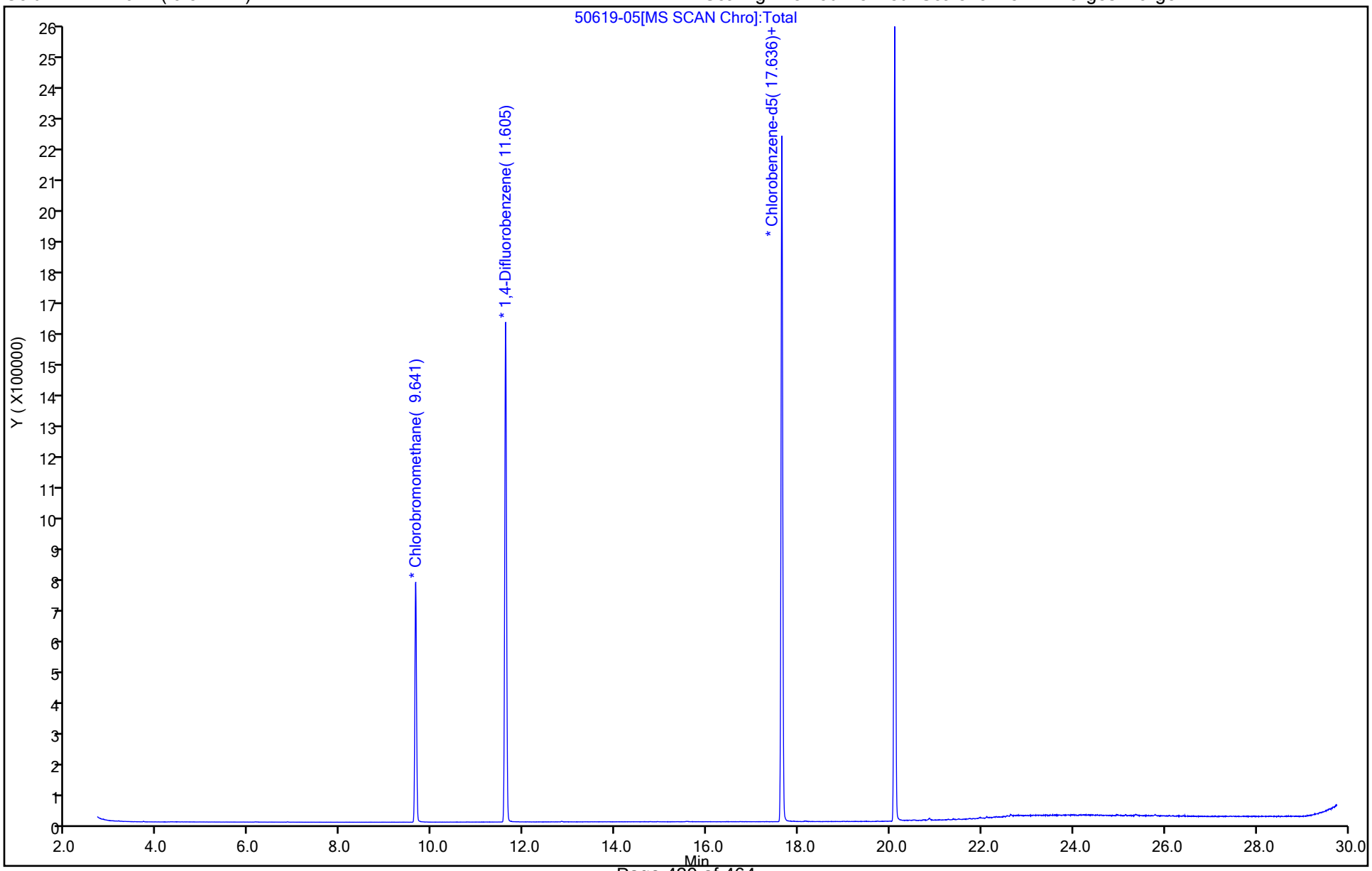
ATTO15ClSs_00011 Amount Added: 40.00 Units: mL Run Reagent

Report Date: 02-May-2022 08:43:53 Chrom Revision: 2.3 01-May-2022 14:49:10

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220429-50619.b\50619-05.D				
Injection Date:	29-Apr-2022 10:51:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	mb			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab File ID: 50460-01.D BFB Injection Date: 04/19/2022

Instrument ID: CHC.i BFB Injection Time: 14:00

Analysis Batch No.: 178918

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.9	
75	30.0 - 66.0% of mass 95	44.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	95.6	
175	4.0 - 9.0 % of mass 174	7.2	(7.6) 1
176	93.0 - 101.0% of mass 174	93.6	(97.8) 1
177	5.0 - 9.0% of mass 176	6.3	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-178918/4	50460-04.D	04/19/2022	16:32
	IC 200-178918/5	50460-05.D	04/19/2022	17:27
	IC 200-178918/6	50460-06.D	04/19/2022	18:21
	IC 200-178918/7	50460-07.D	04/19/2022	19:15
	IC 200-178918/9	50460-09.D	04/19/2022	21:04
	IC 200-178918/13	50460-13.D	04/20/2022	0:42
	IC 200-178918/14	50460-14.D	04/20/2022	1:36
	ICIS 200-178918/17	50460-17.D	04/20/2022	4:18
	ICV 200-178918/19	50460-19.D	04/20/2022	6:06

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab File ID: 50619-01.D BFB Injection Date: 04/29/2022

Instrument ID: CHC.i BFB Injection Time: 07:27

Analysis Batch No.: 179318

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	21.5	
75	30.0 - 66.0% of mass 95	49.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	80.3	
175	4.0 - 9.0 % of mass 174	6.2	(7.8) 1
176	93.0 - 101.0% of mass 174	77.9	(97.0) 1
177	5.0 - 9.0% of mass 176	5.2	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-179318/3	50619-03.D	04/29/2022	9:04
	LCS 200-179318/4	50619-04.D	04/29/2022	9:57
	MB 200-179318/5	50619-05.D	04/29/2022	10:51
6020	200-63170-8	50619-13.D	04/29/2022	18:19

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Sample No.: ICIS 200-178918/17 Date Analyzed: 04/20/2022 04:18

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 50460-17.D Heated Purge: (Y/N) N

Calibration ID: 47733

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		330578	9.65	2016244	11.61	1814854	17.64
UPPER LIMIT		462809	9.98	2822742	11.94	2540796	17.97
LOWER LIMIT		198347	9.32	1209746	11.28	1088912	17.31
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-178918/19		308806	9.65	1951823	11.61	1784282	17.64

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Sample No.: CCVIS 200-179318/3 Date Analyzed: 04/29/2022 09:04

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 50619-03.D Heated Purge: (Y/N) N

Calibration ID: 47733

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		308741	9.65	1862727	11.61	1646229	17.64
UPPER LIMIT		432237	9.98	2607818	11.94	2304721	17.97
LOWER LIMIT		185245	9.32	1117636	11.28	987737	17.31
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-179318/4		314551	9.64	1953675	11.61	1733822	17.64
MB 200-179318/5		303253	9.64	1924842	11.61	1700595	17.64
200-63170-8	6020	267319	9.64	1831305	11.61	1757133	17.64

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

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

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Client Sample ID: 6020 Lab Sample ID: 200-63170-8

Matrix: Air Lab File ID: 50619-13.D

Analysis Method: TO-15 Date Collected: 04/28/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/29/2022 18:19

Soil Aliquot Vol: Dilution Factor: 0.2

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 179318 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

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

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Client Sample ID: 6020 Lab Sample ID: 200-63170-8

Matrix: Air Lab File ID: 50619-13.D

Analysis Method: TO-15 Date Collected: 04/28/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/29/2022 18:19

Soil Aliquot Vol: Dilution Factor: 0.2

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 179318 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
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

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

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Client Sample ID: 6020 Lab Sample ID: 200-63170-8

Matrix: Air Lab File ID: 50619-13.D

Analysis Method: TO-15 Date Collected: 04/28/2022 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/29/2022 18:19

Soil Aliquot Vol: Dilution Factor: 0.2

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

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 179318 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
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 Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220429-50619.b\50619-13.D
Lims ID: 200-63170-A-8
Client ID: 6020
Sample Type: Client
Inject. Date: 29-Apr-2022 18:19:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0050619-013
Misc. Info.: 63170-8
Operator ID: vtp Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220429-50619.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 02-May-2022 09:00:28 Calib Date: 20-Apr-2022 04:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220419-50460.b\50460-17.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: puangmaleek Date: 02-May-2022 09:00:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.821				ND	7
2 Dichlorodifluoromethane	85		2.879				ND	7
3 Chlorodifluoromethane	51		2.917				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.109				ND	7
5 Chloromethane	50		3.216				ND	7
6 Butane	43		3.402				ND	
7 Vinyl chloride	62		3.429				ND	
8 Butadiene	54		3.499				ND	
9 Bromomethane	94		4.086				ND	
10 Chloroethane	64		4.299				ND	
13 Vinyl bromide	106		4.662				ND	
14 Trichlorofluoromethane	101		4.779				ND	
16 Ethanol	45		5.361				ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.815				ND	
20 1,1-Dichloroethene	96		5.825				ND	
21 Acetone	43		6.044				ND	
22 Carbon disulfide	76		6.188				ND	
23 Isopropyl alcohol	45		6.434				ND	
24 3-Chloro-1-propene	41		6.567				ND	
26 Methylene Chloride	49	6.839	6.839	0.000	83	2143	0.1410	
28 2-Methyl-2-propanol	59		7.218				ND	
29 trans-1,2-Dichloroethene	61		7.304				ND	
30 Methyl tert-butyl ether	73		7.336				ND	
32 Hexane	57		7.741				ND	
33 1,1-Dichloroethane	63		8.126				ND	
34 Vinyl acetate	43		8.238				ND	
35 cis-1,2-Dichloroethene	96		9.209				ND	
36 2-Butanone (MEK)	72		9.273				ND	
37 Ethyl acetate	88		9.364				ND	
* 38 Chlorobromomethane	128	9.641	9.647	-0.006	79	267319	20.0	
39 Tetrahydrofuran	42		9.732				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Chloroform	83		9.801				ND	
	41 1,1,1-Trichloroethane	97		10.074				ND	
	42 Cyclohexane	84		10.090				ND	
S	43 1,2-Dichloroethene, Total	61		10.200				ND	7
	44 Carbon tetrachloride	117		10.346				ND	
	45 Benzene	78		10.762				ND	7
	46 Isooctane	57		10.826				ND	
	47 1,2-Dichloroethane	62		10.906				ND	
	48 n-Heptane	43		11.232				ND	
*	49 1,4-Difluorobenzene	114	11.605	11.605	0.000	94	1831305	20.0	
	50 Trichloroethene	95		12.080				ND	
	53 1,2-Dichloropropane	63		12.571				ND	
	56 Dibromomethane	174		12.822				ND	7
	55 Methyl methacrylate	69		12.827				ND	
	57 1,4-Dioxane	88		12.891				ND	
	58 Dichlorobromomethane	83		13.148				ND	
	59 cis-1,3-Dichloropropene	75		14.114				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		14.461				ND	
	62 Toluene	92		14.727				ND	
	66 trans-1,3-Dichloropropene	75		15.320				ND	
	67 1,1,2-Trichloroethane	83		15.683				ND	
	68 Tetrachloroethene	166		15.859				ND	
	69 2-Hexanone	43		16.211				ND	
	70 Chlorodibromomethane	129		16.451				ND	
	71 Ethylene Dibromide	107		16.697				ND	
*	72 Chlorobenzene-d5	117	17.636	17.636	0.000	89	1757133	20.0	
	73 Chlorobenzene	112		17.700				ND	
	74 Ethylbenzene	91		17.881				ND	U
	76 m-Xylene & p-Xylene	106		18.138				ND	
	77 o-Xylene	106		18.965				ND	
	78 Styrene	104		19.013				ND	
	80 Bromoform	173		19.418				ND	
	81 Isopropylbenzene	105		19.717				ND	
S	82 Xylenes, Total	106		20.100				ND	7
	83 1,1,2,2-Tetrachloroethane	83		20.411				ND	
	85 N-Propylbenzene	91		20.523				ND	7
	86 2-Chlorotoluene	91		20.721				ND	7
	87 4-Ethyltoluene	105		20.737				ND	
	89 1,3,5-Trimethylbenzene	105		20.854				ND	
	91 tert-Butylbenzene	119		21.377				ND	7
	92 1,2,4-Trimethylbenzene	105		21.479				ND	7
	93 sec-Butylbenzene	105		21.729				ND	7
	95 1,3-Dichlorobenzene	146		21.948				ND	7
	94 4-Isopropyltoluene	119		21.954				ND	7
	96 1,4-Dichlorobenzene	146		22.092				ND	7
	97 Benzyl chloride	91		22.284				ND	7
	98 n-Butylbenzene	91		22.541				ND	7
	100 1,2-Dichlorobenzene	146		22.621				ND	
	102 1,2,4-Trichlorobenzene	180		24.937				ND	
	103 Hexachlorobutadiene	225		25.145				ND	
	104 Naphthalene	128		25.337				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

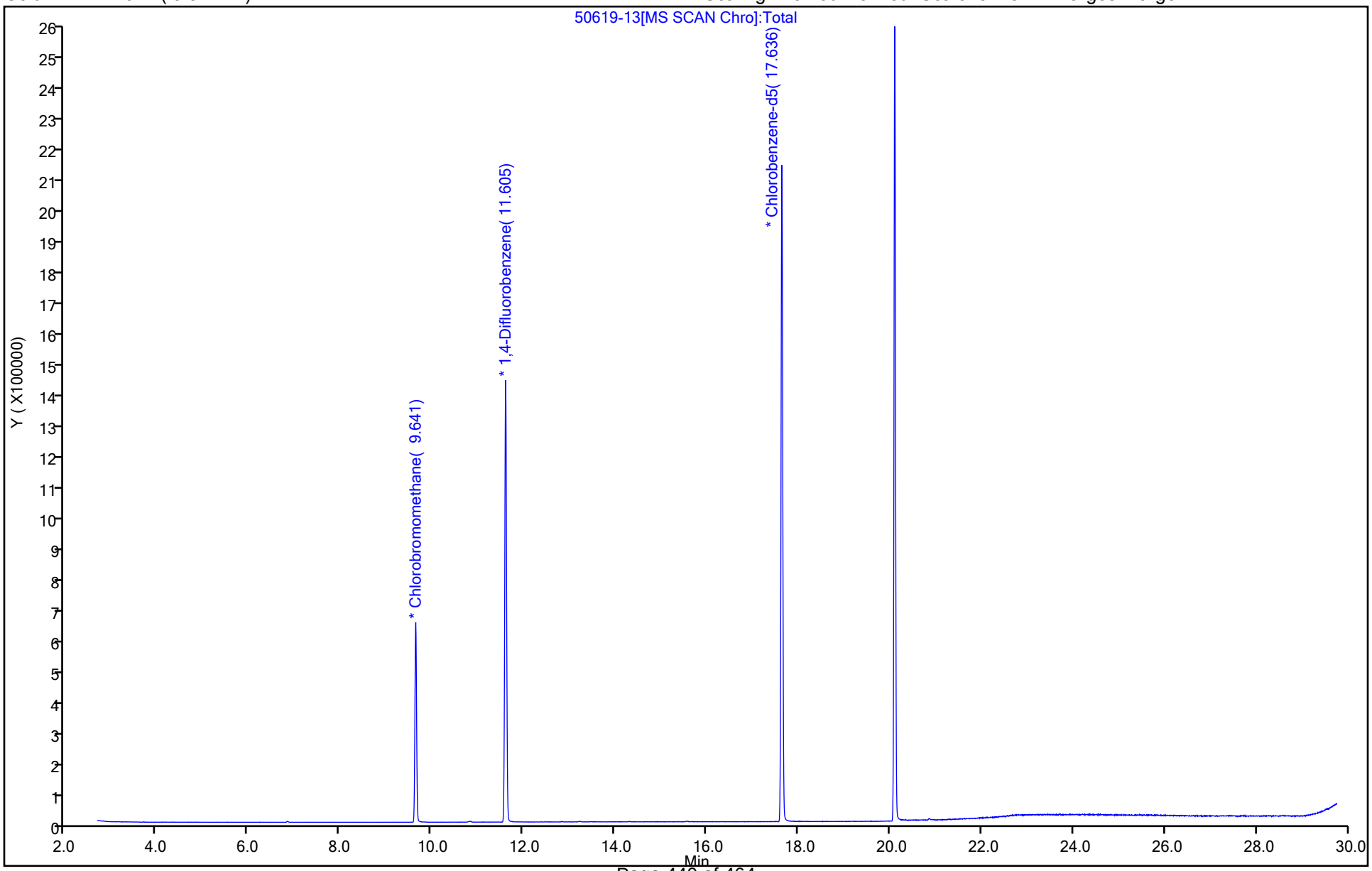
ATTO15CISs_00011	Amount Added: 40.00	Units: mL	Run Reagent

Report Date: 02-May-2022 09:00:29 Chrom Revision: 2.3 01-May-2022 14:49:10

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220429-50619.b\50619-13.D				
Injection Date:	29-Apr-2022 18:19:30	Instrument ID:	CHC.i	Operator ID:	vtp
Lims ID:	200-63170-A-8	Lab Sample ID:	200-63170-8	Worklist Smp#:	13
Client ID:	6020				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	12
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

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



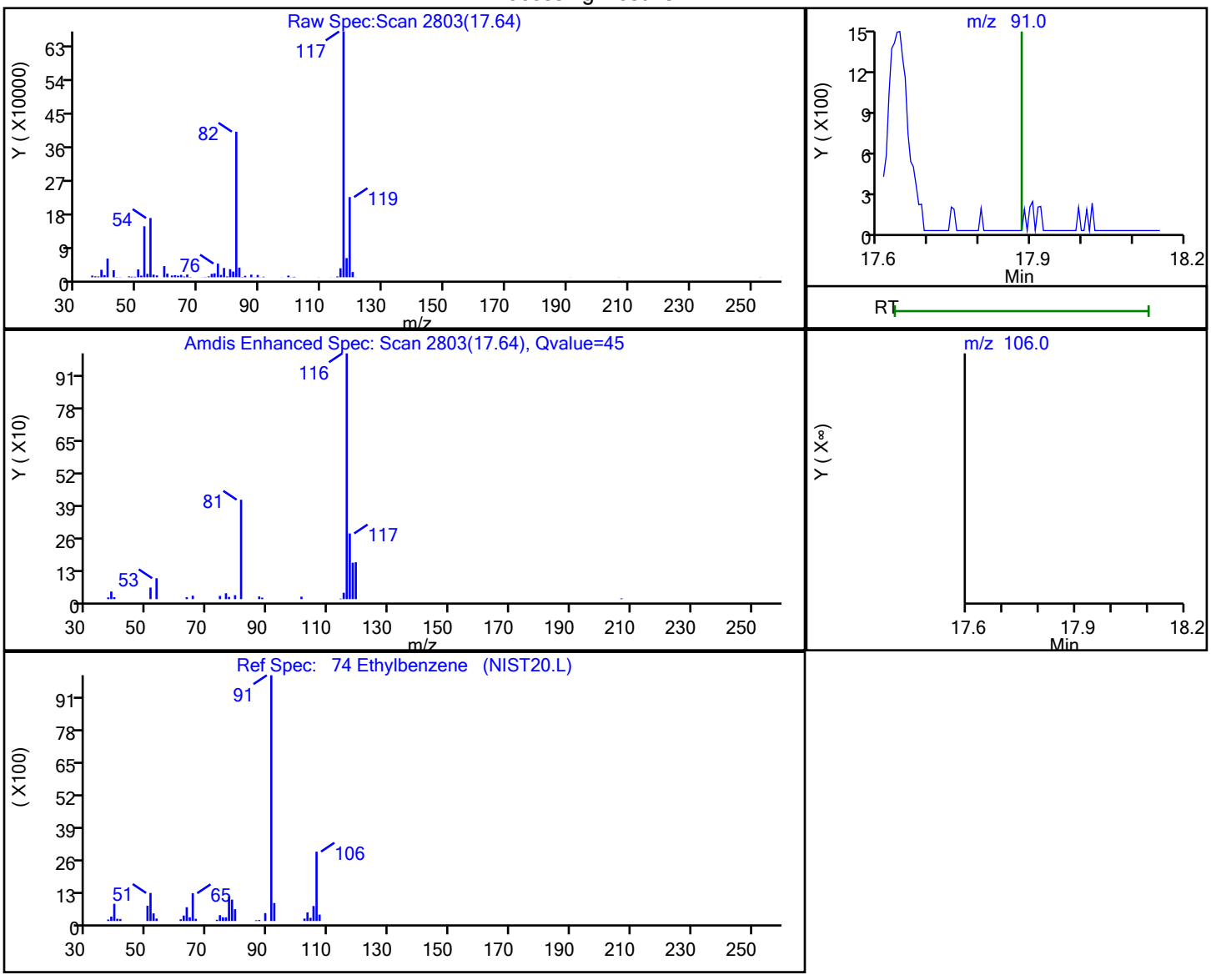
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220429-50619.b\50619-13.D				
Injection Date:	29-Apr-2022 18:19:30	Instrument ID:	CHC.i		
Lims ID:	200-63170-A-8	Lab Sample ID:	200-63170-8		
Client ID:	6020				
Operator ID:	vtp	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
17.64	91.00	4033	0.020139
17.88	106.00	0	

Reviewer: puangmaleek, 02-May-2022 09:00:16

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

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-178918/4	50460-04.D
Level 2	IC 200-178918/5	50460-05.D
Level 3	IC 200-178918/6	50460-06.D
Level 4	IC 200-178918/7	50460-07.D
Level 5	ICIS 200-178918/17	50460-17.D
Level 6	IC 200-178918/9	50460-09.D
Level 7	IC 200-178918/13	50460-13.D
Level 8	IC 200-178918/14	50460-14.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.1786	+++++ 1.1973	+++++ 1.1103	1.2802	1.1865	Ave		1.1906				5.1		30.0			
Dichlorodifluoromethane	+++++ 4.2837	+++++ 4.3753	5.4575 4.0484	4.3769	4.4078	Ave		4.4916				10.9		30.0			
Freon 22	+++++ 2.1983	+++++ 2.2348	2.6786 2.1157	2.2828	2.2735	Ave		2.2973				8.5		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.7114	4.8362 3.7752	4.6898 3.4766	3.7908	3.8272	Ave		4.0153				13.1		30.0			
Chloromethane	+++++ 0.9212	+++++ 0.9416	1.1515 0.8945	0.9492	0.9594	Ave		0.9696				9.5		30.0			
n-Butane	+++++ 1.0906	+++++ 1.0948	1.4036 1.1104	1.0956	1.0973	Ave		1.1487				10.9		30.0			
Vinyl chloride	1.0990 0.8977	1.1463 0.8999	1.0584 0.9124	0.8840	0.8975	Ave		0.9744				11.1		30.0			
1,3-Butadiene	0.8492 0.6203	0.6655 0.6255	0.6491 0.6342	0.6060	0.5979	Ave		0.6560				12.4		30.0			
Bromomethane	+++++ 0.8570	1.0433 0.8542	1.0838 0.8105	0.8408	0.8457	Ave		0.9051				12.1		30.0			
Chloroethane	+++++ 0.4867	+++++ 0.4919	0.5893 0.4661	0.4878	0.4832	Ave		0.5008				8.8		30.0			
Isopentane	+++++ 0.9058	1.2130 0.9193	1.1660 0.8510	0.9206	0.9213	Ave		0.9853				14.4		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.2455	1.5086 1.2829	1.4578 1.2066	1.2331	1.2107	Ave		1.3065				9.5		30.0			
Trichlorofluoromethane	+++++ 3.4224	4.3326 3.5089	4.2298 3.3333	3.4188	3.4434	Ave		3.6699				11.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.3576	+++++ 1.3884	1.7783 1.3039	1.4155	1.4547	Ave		1.4497				11.7		30.0			
Ethanol	+++++ 0.4139	+++++ 0.4122	0.5056 0.3914	0.4389	0.3965	Ave		0.4264				9.9		30.0			
Ethyl ether	+++++ 0.6800	0.8065 0.7125	0.7445 0.6743	0.6827	0.6855	Ave		0.7123				6.8		30.0			
Acrolein	+++++ 0.3872	+++++ 0.4029	+++++ 0.3287	0.3923	0.2486	Ave		0.3519				18.4		30.0			
Freon TF	+++++ 2.7098	3.4009 2.7885	3.3421 2.5574	2.7235	2.9190	Ave		2.9202				11.2		30.0			
1,1-Dichloroethene	1.5286 1.2232	1.5466 1.2507	1.4670 1.1263	1.2260	1.2898	Ave		1.3323				11.9		30.0			
Acetone	+++++ 1.4651	+++++ 1.5176	+++++ 1.4615	1.4879	1.4412	Ave		1.4747				2.0		30.0			
Carbon disulfide	+++++ 3.2279	+++++ 3.3524	3.8199 3.1473	3.2604	3.4301	Ave		3.3730				7.1		30.0			
Isopropyl alcohol	+++++ 1.6167	+++++ 1.6434	+++++ 1.5538	1.6321	1.3743	Ave		1.5641				7.1		30.0			
3-Chloropropene	+++++ 1.1393	1.5463 1.1755	1.5122 1.1073	1.1459	1.2032	Ave		1.2614				14.7		30.0			
Acetonitrile	+++++ 0.6422	+++++ 0.6261	+++++ 0.5836	0.6616	0.6332	Ave		0.6293				4.6		30.0			
Methylene Chloride	+++++ 1.0511	+++++ 1.0912	1.4474 1.0213	1.0766	1.1372	Ave		1.1375				13.8		30.0			
tert-Butyl alcohol	+++++ 2.4521	+++++ 2.4986	+++++ 2.3909	2.5371	2.2994	Ave		2.4356				3.8		30.0			
trans-1,2-Dichloroethene	2.0921 1.5933	1.8501 1.6260	1.9430 1.4796	1.6202	1.6639	Ave		1.7335				11.9		30.0			
Methyl tert-butyl ether	+++++ 3.4780	4.2579 3.5828	4.1862 3.2988	3.5069	3.5900	Ave		3.7001				10.0		30.0			
Acrylonitrile	+++++ 0.6916	+++++ 0.7230	0.7786 0.6793	0.7090	0.7008	Ave		0.7137				4.9		30.0			
n-Hexane	+++++ 1.5328	1.8636 1.5869	1.8900 1.4630	1.5646	1.5838	Ave		1.6407				10.2		30.0			
1,1-Dichloroethane	2.6996 1.9409	2.4178 2.0310	2.3685 1.8990	1.9764	2.0555	Ave		2.1736				13.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 2.4505	+++++ 2.5398	+++++ 2.3495	2.4674	1.9605	Ave		2.3535				9.8		30.0			
cis-1,2-Dichloroethene	2.1401 1.5629	1.9390 1.6151	1.8787 1.5172	1.5746	1.6502	Ave		1.7347				12.9		30.0			
Methyl Ethyl Ketone	+++++ 0.6908	+++++ 0.7253	0.8951 0.6946	0.6993	0.7041	Ave		0.7349				10.8		30.0			
Ethyl acetate	+++++ 0.1353	+++++ 0.1373	+++++ 0.1327	0.1263	0.1347	Ave		0.1333				3.2		30.0			
Tetrahydrofuran	+++++ 0.2084	+++++ 0.2193	+++++ 0.2019	0.2294	0.2207	Ave		0.2159				5.0		30.0			
Chloroform	+++++ 3.3725	4.2074 3.5169	4.0577 3.2682	3.4253	3.5771	Ave		3.6322				9.9		30.0			
1,1,1-Trichloroethane	+++++ 0.5877	0.7143 0.6095	0.7368 0.5718	0.6109	0.6334	Ave		0.6378				9.9		30.0			
Cyclohexane	+++++ 0.3630	0.4497 0.3752	0.4518 0.3432	0.3851	0.3930	Ave		0.3944				10.6		30.0			
Carbon tetrachloride	0.8584 0.6421	0.7477 0.6673	0.7646 0.6404	0.6549	0.6850	Ave		0.7075				10.9		30.0			
Benzene	+++++ 0.9699	1.2292 1.0058	1.2281 0.9236	1.0241	1.0508	Ave		1.0616				11.4		30.0			
2,2,4-Trimethylpentane	+++++ 1.4349	1.7317 1.4890	1.8516 1.3159	1.5684	1.5804	Ave		1.5674				11.5		30.0			
1,2-Dichloroethane	+++++ 0.3927	0.4743 0.4133	0.4868 0.3870	0.4196	0.4325	Ave		0.4295				8.9		30.0			
n-Heptane	+++++ 0.5640	0.7027 0.5883	0.7570 0.5121	0.6338	0.6200	Ave		0.6254				13.3		30.0			
Trichloroethene	0.7715 0.5014	0.5839 0.5194	0.5901 0.5137	0.4858	0.5222	Ave		0.5610				16.6		30.0			
n-Butanol	+++++ 0.2918	+++++ 0.2972	+++++ 0.2829	0.2880	0.2036	Ave		0.2727				14.3		30.0			
1,2-Dichloropropane	+++++ 0.4747	0.5609 0.4938	0.5785 0.4720	0.4793	0.5046	Ave		0.5091				8.5		30.0			
Dibromomethane	+++++ 0.4742	0.6633 0.4919	0.5462 0.4941	0.4396	0.5270	Ave		0.5195				13.9		30.0			
Methyl methacrylate	+++++ 0.4652	+++++ 0.4849	0.4559 0.4617	0.4424	0.4769	Ave		0.4645				3.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	+++++ 0.2533	+++++ 0.2556	+++++ 0.2469	0.2452	0.2245	Ave		0.2451				5.0		30.0			
Bromodichloromethane	+++++ 0.8494	0.9068 0.8864	0.9430 0.8716	0.8154	0.8632	Ave		0.8766				4.7		30.0			
cis-1,3-Dichloropropene	+++++ 0.8181	0.8791 0.8537	0.8969 0.8325	0.7748	0.7919	Ave		0.8353				5.3		30.0			
methyl isobutyl ketone	+++++ 1.2205	+++++ 1.2782	1.3151 1.2018	1.2153	1.2642	Ave		1.2492				3.5		30.0			
Toluene	+++++ 0.9801	1.1193 1.0106	1.1332 1.0006	0.9293	1.0094	Ave		1.0261				7.2		30.0			
n-Octane	+++++ 1.2934	1.5941 1.3257	1.5924 1.2210	1.3201	1.3584	Ave		1.3864				10.6		30.0			
trans-1,3-Dichloropropene	+++++ 0.7177	0.7610 0.7468	0.7515 0.7292	0.6729	0.7285	Ave		0.7296				4.0		30.0			
1,1,2-Trichloroethane	+++++ 0.4940	0.5649 0.5136	0.5655 0.5064	0.4731	0.5097	Ave		0.5182				6.7		30.0			
Tetrachloroethene	1.0546 0.7521	0.8471 0.7817	0.8743 0.7861	0.7171	0.7741	Ave		0.8234				12.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 1.3203	+++++ 1.3730	1.3115 1.2999	1.2875	1.3129	Ave		1.3175				2.2		30.0			
Dibromochloromethane	+++++ 0.8906	0.8174 0.9342	0.9275 0.9361	0.8322	0.8753	Ave		0.8876				5.5		30.0			
1,2-Dibromoethane	+++++ 0.8273	0.9102 0.8603	0.9151 0.8459	0.7829	0.8395	Ave		0.8544				5.4		30.0			
Chlorobenzene	+++++ 1.2467	1.5084 1.2957	1.4547 1.2811	1.1991	1.2783	Ave		1.3234				8.6		30.0			
Ethylbenzene	+++++ 2.1578	2.5377 2.2349	2.5182 2.1730	2.0943	2.2393	Ave		2.2793				7.8		30.0			
n-Nonane	+++++ 1.2396	1.4387 1.2672	1.4640 1.1178	1.2382	1.3050	Ave		1.2958				9.3		30.0			
m,p-Xylene	+++++ 0.8313	0.8995 0.8661	0.9102 0.8337	0.7832	0.8536	Ave		0.8539				5.1		30.0			
Xylene, o-	+++++ 0.7840	0.8491 0.8165	0.8822 0.8170	0.7446	0.8055	Ave		0.8141				5.4		30.0			
Styrene	+++++ 1.3065	1.3038 1.3681	1.2441 1.3577	1.2138	1.3337	Ave		1.3040				4.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.9240	0.4887 0.9836	0.8517 0.9816	0.8494	0.8018	Ave		0.8401				20.2		30.0			
Cumene	+++++ 2.3177	2.6559 2.3956	2.6780 2.3355	2.2524	2.4073	Ave		2.4346				6.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 1.2898	1.4600 1.3414	1.5088 1.2830	1.2545	1.3373	Ave		1.3535				7.1		30.0			
1,2,3-Trichloropropane	+++++ 1.0589	+++++ 1.1020	1.2692 1.0715	1.0336	1.1042	Ave		1.1065				7.6		30.0			
n-Propylbenzene	+++++ 2.9562	3.4360 3.0564	3.3983 2.9144	2.8789	3.0508	Ave		3.0987				7.3		30.0			
2-Chlorotoluene	+++++ 2.0393	2.3073 2.1282	2.3193 2.0581	1.9638	2.0926	Ave		2.1298				6.3		30.0			
4-Ethyltoluene	+++++ 2.3917	2.5879 2.4937	2.6722 2.3981	2.2896	2.4393	Ave		2.4675				5.2		30.0			
n-Decane	+++++ 1.5898	+++++ 1.6440	1.8894 1.5353	1.5886	1.6785	Ave		1.6543				7.6		30.0			
1,3,5-Trimethylbenzene	+++++ 1.8985	2.1353 1.9844	2.0038 1.9368	1.8241	1.9860	Ave		1.9670				4.9		30.0			
Alpha Methyl Styrene	+++++ 1.0065	0.9208 1.0646	0.8903 1.0604	0.9293	1.0115	Ave		0.9833				7.1		30.0			
tert-Butylbenzene	+++++ 1.8070	2.0434 1.8817	2.0648 1.8475	1.7593	1.8705	Ave		1.8963				6.1		30.0			
1,2,4-Trimethylbenzene	+++++ 1.9118	2.1380 2.0000	2.1298 1.9464	1.8559	1.9860	Ave		1.9954				5.3		30.0			
sec-Butylbenzene	+++++ 2.8687	3.2245 2.9824	3.3172 2.8224	2.8154	2.9781	Ave		3.0013				6.6		30.0			
1,3-Dichlorobenzene	+++++ 1.3768	1.5431 1.4462	1.5239 1.3638	1.2980	1.3998	Ave		1.4217				6.2		30.0			
4-Isopropyltoluene	+++++ 2.4080	2.5832 2.5452	2.6152 2.3250	2.2979	2.5392	Ave		2.4734				5.2		30.0			
1,4-Dichlorobenzene	+++++ 1.3201	1.6093 1.3799	1.5069 1.3558	1.2853	1.3303	Ave		1.3982				8.4		30.0			
Benzyl chloride	+++++ 1.9593	2.0157 2.0810	2.1874 1.9621	1.9029	1.9551	Ave		2.0091				4.8		30.0			
n-Butylbenzene	+++++ 2.4311	2.8081 2.5533	2.8149 2.3979	2.4017	2.5358	Ave		2.5632				7.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 1.3047	1.5055 1.3736	1.4571 1.2797	1.2412	1.3381	Ave		1.3571				7.0		30.0			
n-Undecane	+++++ 1.7622	+++++ 1.8029	+++++ 1.4424	1.7957	1.8786	Ave		1.7364				9.8		30.0			
n-Dodecane	+++++ 1.8300	+++++ 1.9370	+++++ 1.7673	1.7721	1.8206	Ave		1.8254				3.7		30.0			
1,2,4-Trichlorobenzene	+++++ 1.3346	+++++ 1.4437	1.4343 1.4417	1.2479	1.1756	Ave		1.3463				8.5		30.0			
Hexachlorobutadiene	+++++ 1.1728	1.3185 1.2540	1.3156 1.2858	1.1067	1.0806	Ave		1.2191				8.1		30.0			
Naphthalene	+++++ 2.7366	+++++ 2.9615	2.9196 2.8324	2.6225	2.4769	Ave		2.7582				6.7		30.0			
1,2,3-Trichlorobenzene	+++++ 1.0945	+++++ 1.1870	1.1941 1.1787	1.0481	1.0556	Ave		1.1263				6.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-63170-1 | Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 | Calibration End Date: 04/20/2022 04:18 | Calibration ID: 47733

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-178918/4	50460-04.D
Level 2	IC 200-178918/5	50460-05.D
Level 3	IC 200-178918/6	50460-06.D
Level 4	IC 200-178918/7	50460-07.D
Level 5	ICIS 200-178918/17	50460-17.D
Level 6	IC 200-178918/9	50460-09.D
Level 7	IC 200-178918/13	50460-13.D
Level 8	IC 200-178918/14	50460-14.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 279444	+++++ 371910	+++++ 729315	101119	196074	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 1015646	+++++ 1359116	40551 2659197	345719	728415	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	+++++ 521198	+++++ 694222	19903 1389699	180311	375709	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 879959	13990 1172704	34847 2283578	299421	632466	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	+++++ 218415	+++++ 292491	8556 587534	74975	158542	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	+++++ 258571	+++++ 340081	10429 729355	86541	181336	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	550 212847	3316 279537	7864 599313	69822	148318	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	425 147074	1925 194296	4823 416557	47868	98805	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	+++++ 203193	3018 265352	8053 532381	66411	139761	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	+++++ 115386	+++++ 152816	4379 306159	38528	79859	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	+++++ 214754	3509 285571	8664 558957	72713	152247	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 295311	4364 398518	10832 792579	97399	200077	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 811440	12533 1090001	31429 2189492	270040	569049	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	+++++ 321871	+++++ 431285	13213 856484	111803	240405	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	+++++ 131124	+++++ 256122	37611 642648	69374	98321	+++++ 20.0	+++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 161230	2333 221335	5532 442884	53927	113290	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 91796	+++++ 125144	+++++ 215908	30987	41077	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 642480	9838 866219	24833 1679799	215123	482379	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	765 290023	4474 388499	10900 739788	96839	213150	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 347368	+++++ 471411	+++++ 959985	117525	238173	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 765304	+++++ 1041377	28383 2067288	257529	566845	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 383299	+++++ 510508	+++++ 1020637	128918	227117	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 270111	4473 365143	11236 727296	90512	198844	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 152259	+++++ 194475	+++++ 383322	52261	104635	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 249198	+++++ 338964	10755 670843	85041	187928	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 581378	+++++ 776163	+++++ 1570471	200399	379991	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	1047 377758	5352 505087	14437 971868	127976	274976	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 824616	12317 1112931	31105 2166823	276995	593277	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 163974	+++++ 224574	5785 446181	56003	115805	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 363414	5391 492960	14043 960950	123580	261739	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1351 460167	6994 630914	17599 1247372	156106	339690	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 581003	+++++ 788955	+++++ 1543262	194889	323979	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	1071 370562	5609 501696	13959 996574	124370	272711	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 163794	+++++ 225291	6651 456261	55238	116357	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 32080	+++++ 42636	+++++ 87165	9979	22265	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	110802	222460	+++++	+++++	+++++	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			312625	429653	833065			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 799608	12171 1092460	30150 2146684	270554	591144	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 881503	13059 1194336	33820 2358773	295115	638392	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	+++++ 544451	8222 735159	20740 1415911	186050	396115	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	2745 963031	13669 1307605	35096 2641738	316361	690391	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	+++++ 1454650	22472 1970818	56373 3810091	494681	1059137	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 2152143	31658 2917701	84995 5428224	757654	1592971	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 588940	8670 809874	22344 1596591	202700	435972	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	+++++ 845853	12846 1152794	34747 2112319	306182	624880	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	2467 752059	10675 1017706	27086 2119179	234670	526368	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	+++++ 437596	+++++ 582347	+++++ 1167144	139124	205211	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 711980	10254 967691	26553 1946952	231520	508563	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	+++++ 711173	12127 963786	25074 2038278	212356	531127	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 697729	+++++ 950130	20925 1904737	213701	480723	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 379879	+++++ 500822	+++++ 1018473	118438	226235	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1274000	16577 1736849	43286 3595659	393912	870070	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1226964	16071 1672828	41171 3434059	374287	798129	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	+++++ 1830581	+++++ 2504692	60368 4957622	587064	1274232	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd5	Ave	+++++ 1324654	18285 1787374	45791 3718501	399847	915775	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 1939861	29142 2597634	73097 5036664	637712	1369180	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	13913	34494	325029	734271	+++++	0.200	0.500	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-63170-1 | Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 | Calibration End Date: 04/20/2022 04:18 | Calibration ID: 47733

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1076397	1463346	3008012			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 667720	9228 908328	22852 1882069	203532	462406	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZd5	Ave	3032 1016530	13839 1382534	35330 2921490	308523	702275	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 1784532	+++++ 2428467	52998 4830674	553934	1191148	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 1203779	13354 1652355	37479 3478976	358038	794073	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 1118103	14870 1521621	36977 3143679	336839	761618	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 1684973	24642 2291639	58783 4760790	515927	1159777	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 2916448	41458 3952739	101761 8075642	901056	2031647	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBNZd5	Ave	+++++ 1675438	23504 2241279	59161 4154007	532744	1183933	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 2247018	29390 3063791	73562 6196320	673956	1548845	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBNZd5	Ave	+++++ 1059652	13872 1444106	35648 3036265	320345	730827	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZd5	Ave	+++++ 1765788	21300 2419796	50273 5045446	522243	1210019	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZd5	Ave	+++++ 1248791	7983 1739729	34418 3647945	365471	727390	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZd5	Ave	+++++ 3132537	43389 4236994	108218 8679498	969103	2184042	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++ 1743257	23852 2372476	60970 4767848	539764	1213296	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichloropropane	CBNZd5	Ave	+++++ 1431168	+++++ 1949043	51286 3982121	444688	1001749	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZd5	Ave	+++++ 3995485	56132 5405814	137324 10830623	1238654	2767796	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZd5	Ave	+++++ 2756325	37694 3764104	93721 7648436	844916	1898499	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZd5	Ave	+++++ 3232531	42277 4410611	107983 8912052	985109	2213052	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZd5	Ave	+++++ 2148681	+++++ 2907757	76350 5705507	683504	1522840	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++ 2565907	34884 3509700	80971 7197744	784805	1801790	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZd5	Ave	+++++ 1360376	15042 1882899	35976 3940588	399821	917707	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZd5	Ave	+++++ 2442289	33382 3328189	83436 6865730	756930	1696989	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++ 2583999	34927 3537299	86064 7233321	798487	1801838	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZd5	Ave	+++++ 3877322	52677 5274806	134049 10488858	1211341	2701923	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZd5	Ave	+++++ 1860816	25209 2557801	61581 5068433	558451	1270010	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZd5	Ave	+++++ 3254560	42200 4501649	105681 8640359	988684	2303672	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZd5	Ave	+++++ 1784167	26290 2440641	60895 5038670	553004	1206877	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZd5	Ave	+++++ 2648155	32929 3680585	88394 7291757	818747	1773785	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-63170-1 Analy Batch No.: 178918

SDG No.:

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2022 16:32 Calibration End Date: 04/20/2022 04:18 Calibration ID: 47733

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 3285790	45875 4515913	113749 8911096	1033315	2300570	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 1763468	24594 2429401	58882 4755676	534033	1214011	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZd5	Ave	+++++ 2381808	+++++ 3188765	+++++ 5360271	772586	1704392	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
n-Dodecane	CBNZd5	Ave	+++++ 2473327	+++++ 3425906	+++++ 6567930	762429	1651705	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 1803785	+++++ 2553427	57959 5357902	536892	1066605	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd5	Ave	+++++ 1585161	21539 2217827	53162 4778511	476153	980399	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd5	Ave	+++++ 3698735	+++++ 5237931	117980 10526014	1128330	2247161	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 1479325	+++++ 2099384	48255 4380431	450950	957715	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab Sample ID: ICV 200-178918/19 Calibration Date: 04/20/2022 06:06

Instrument ID: CHC.i Calib Start Date: 04/19/2022 16:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/20/2022 04:18

Lab File ID: 50460-19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.191	1.311		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	4.492	4.772		10.6	10.0	6.3	30.0
Freon 22	Ave	2.297	2.452		10.7	10.0	6.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.015	4.162		10.4	10.0	3.7	30.0
Chloromethane	Ave	0.9696	1.021		10.5	10.0	5.3	30.0
n-Butane	Ave	1.149	1.200		10.4	10.0	4.5	30.0
Vinyl chloride	Ave	0.9744	0.9838		10.1	10.0	1.0	30.0
1,3-Butadiene	Ave	0.6560	0.6793		10.4	10.0	3.6	30.0
Bromomethane	Ave	0.9051	0.9235		10.2	10.0	2.0	30.0
Chloroethane	Ave	0.5008	0.5299		10.6	10.0	5.8	30.0
Isopentane	Ave	0.9853	1.002		10.2	10.0	1.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.306	1.384		10.6	10.0	5.9	30.0
Trichlorofluoromethane	Ave	3.670	3.787		10.3	10.0	3.2	30.0
n-Pentane	Ave	1.450	1.513		10.4	10.0	4.3	30.0
Ethanol	Ave	0.4264	0.3682		12.7	14.7	-13.7	30.0
Ethyl ether	Ave	0.7123	0.7544		10.6	10.0	5.9	30.0
Acrolein	Ave	0.3519	0.3834		10.9	10.0	8.9	30.0
Freon TF	Ave	2.920	3.023		10.3	10.0	3.5	30.0
1,1-Dichloroethene	Ave	1.332	1.368		10.3	10.0	2.7	30.0
Acetone	Ave	1.475	1.565		10.6	10.0	6.1	30.0
Carbon disulfide	Ave	3.373	3.569		10.6	10.0	5.8	30.0
Isopropyl alcohol	Ave	1.564	1.754		11.2	10.0	12.2	30.0
3-Chloropropene	Ave	1.261	1.211		9.60	10.0	-4.0	30.0
Acetonitrile	Ave	0.6293	0.7114		11.3	10.0	13.0	30.0
Methylene Chloride	Ave	1.137	1.164		10.2	10.0	2.4	30.0
tert-Butyl alcohol	Ave	2.436	2.651		10.9	10.0	8.9	30.0
trans-1,2-Dichloroethene	Ave	1.734	1.760		10.2	10.0	1.5	30.0
Methyl tert-butyl ether	Ave	3.700	3.868		10.5	10.0	4.5	30.0
Acrylonitrile	Ave	0.7137	0.7819		11.0	10.0	9.6	30.0
n-Hexane	Ave	1.641	1.705		10.4	10.0	3.9	30.0
1,1-Dichloroethane	Ave	2.174	2.152		9.90	10.0	-1.0	30.0
Vinyl acetate	Ave	2.354	2.776		11.8	10.0	18.0	30.0
cis-1,2-Dichloroethene	Ave	1.735	1.732		9.98	10.0	-0.2	30.0
Methyl Ethyl Ketone	Ave	0.7349	0.7614		10.4	10.0	3.6	30.0
Ethyl acetate	Ave	0.1333	0.1524		11.4	10.0	14.3	30.0
Tetrahydrofuran	Ave	0.2159	0.2375		11.0	10.0	10.0	30.0
Chloroform	Ave	3.632	3.798		10.5	10.0	4.6	30.0
1,1,1-Trichloroethane	Ave	0.6378	0.6597		10.3	10.0	3.4	30.0
Cyclohexane	Ave	0.3944	0.4115		10.4	10.0	4.3	30.0
Carbon tetrachloride	Ave	0.7075	0.7139		10.1	10.0	0.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab Sample ID: ICV 200-178918/19 Calibration Date: 04/20/2022 06:06

Instrument ID: CHC.i Calib Start Date: 04/19/2022 16:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/20/2022 04:18

Lab File ID: 50460-19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.062	1.102		10.4	10.0	3.8	30.0
2,2,4-Trimethylpentane	Ave	1.567	1.652		10.5	10.0	5.4	30.0
1,2-Dichloroethane	Ave	0.4295	0.4445		10.3	10.0	3.5	30.0
n-Heptane	Ave	0.6254	0.6515		10.4	10.0	4.2	30.0
Trichloroethene	Ave	0.5610	0.5565		9.92	10.0	-0.8	30.0
n-Butanol	Ave	0.2727	0.2951		10.8	10.0	8.2	30.0
1,2-Dichloropropane	Ave	0.5091	0.5350		10.5	10.0	5.1	30.0
Dibromomethane	Ave	0.5195	0.5113		9.84	10.0	-1.6	30.0
Methyl methacrylate	Ave	0.4645	0.5241		11.3	10.0	12.8	30.0
1,4-Dioxane	Ave	0.2451	0.2828		11.5	10.0	15.4	30.0
Bromodichloromethane	Ave	0.8766	0.9449		10.8	10.0	7.8	30.0
cis-1,3-Dichloropropene	Ave	0.8353	0.9109		10.9	10.0	9.0	30.0
methyl isobutyl ketone	Ave	1.249	1.384		11.1	10.0	10.8	30.0
Toluene	Ave	1.026	1.070		10.4	10.0	4.3	30.0
n-Octane	Ave	1.386	1.460		10.5	10.0	5.3	30.0
trans-1,3-Dichloropropene	Ave	0.7296	0.7786		10.7	10.0	6.7	30.0
1,1,2-Trichloroethane	Ave	0.5182	0.5415		10.4	10.0	4.5	30.0
Tetrachloroethene	Ave	0.8234	0.8201		9.96	10.0	-0.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.318	1.448		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.8876	0.9612		10.8	10.0	8.3	30.0
1,2-Dibromoethane	Ave	0.8544	0.8885		10.4	10.0	4.0	30.0
Chlorobenzene	Ave	1.323	1.359		10.3	10.0	2.7	30.0
Ethylbenzene	Ave	2.279	2.382		10.5	10.0	4.5	30.0
n-Nonane	Ave	1.296	1.381		10.7	10.0	6.6	30.0
m,p-Xylene	Ave	0.8539	0.9045		21.2	20.0	5.9	30.0
Xylene, o-	Ave	0.8141	0.8605		10.6	10.0	5.7	30.0
Styrene	Ave	1.304	1.415		10.8	10.0	8.5	30.0
Bromoform	Ave	0.8401	0.9814		11.7	10.0	16.8	30.0
Cumene	Ave	2.435	2.549		10.5	10.0	4.7	30.0
1,1,2,2-Tetrachloroethane	Ave	1.354	1.404		10.4	10.0	3.7	30.0
1,2,3-Trichloropropane	Ave	1.107	1.156		10.4	10.0	4.5	30.0
n-Propylbenzene	Ave	3.099	3.245		10.5	10.0	4.7	30.0
2-Chlorotoluene	Ave	2.130	2.219		10.4	10.0	4.2	30.0
4-Ethyltoluene	Ave	2.468	2.607		10.6	10.0	5.6	30.0
n-Decane	Ave	1.654	1.765		10.7	10.0	6.7	30.0
1,3,5-Trimethylbenzene	Ave	1.967	2.097		10.7	10.0	6.6	30.0
Alpha Methyl Styrene	Ave	0.9833	1.086		11.0	10.0	10.5	30.0
tert-Butylbenzene	Ave	1.896	1.987		10.5	10.0	4.8	30.0
1,2,4-Trimethylbenzene	Ave	1.995	2.097		10.5	10.0	5.1	30.0
sec-Butylbenzene	Ave	3.001	3.166		10.5	10.0	5.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab Sample ID: ICV 200-178918/19 Calibration Date: 04/20/2022 06:06

Instrument ID: CHC.i Calib Start Date: 04/19/2022 16:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/20/2022 04:18

Lab File ID: 50460-19.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.422	1.445		10.2	10.0	1.6	30.0
4-Isopropyltoluene	Ave	2.473	2.636		10.7	10.0	6.6	30.0
1,4-Dichlorobenzene	Ave	1.398	1.391		9.94	10.0	-0.5	30.0
Benzyl chloride	Ave	2.009	2.055		10.2	10.0	2.3	30.0
n-Butylbenzene	Ave	2.563	2.682		10.5	10.0	4.6	30.0
1,2-Dichlorobenzene	Ave	1.357	1.377		10.1	10.0	1.5	30.0
n-Undecane	Ave	1.736	1.962		11.3	10.0	13.0	30.0
n-Dodecane	Ave	1.825	1.837		10.1	10.0	0.6	30.0
1,2,4-Trichlorobenzene	Ave	1.346	1.228		9.12	10.0	-8.8	30.0
Hexachlorobutadiene	Ave	1.219	1.183		9.70	10.0	-3.0	30.0
Naphthalene	Ave	2.758	2.365		8.57	10.0	-14.2	30.0
1,2,3-Trichlorobenzene	Ave	1.126	0.9916		8.80	10.0	-12.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab Sample ID: CCVIS 200-179318/3 Calibration Date: 04/29/2022 09:04

Instrument ID: CHC.i Calib Start Date: 04/19/2022 16:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/20/2022 04:18

Lab File ID: 50619-03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.191	1.517		12.7	10.0	27.5	30.0
Dichlorodifluoromethane	Ave	4.492	4.599		10.2	10.0	2.4	30.0
Freon 22	Ave	2.297	2.712		11.8	10.0	18.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.015	4.163		10.4	10.0	3.7	30.0
Chloromethane	Ave	0.9696	1.212		12.5	10.0	25.0	30.0
n-Butane	Ave	1.149	1.322		11.5	10.0	15.1	30.0
Vinyl chloride	Ave	0.9744	1.031		10.6	10.0	5.8	30.0
1,3-Butadiene	Ave	0.6560	0.6805		10.4	10.0	3.7	30.0
Bromomethane	Ave	0.9051	0.8801		9.72	10.0	-2.8	30.0
Chloroethane	Ave	0.5008	0.6136		12.2	10.0	22.5	30.0
Isopentane	Ave	0.9853	1.225		12.4	10.0	24.3	30.0
Bromoethene(Vinyl Bromide)	Ave	1.306	1.331		10.2	10.0	1.9	30.0
Trichlorofluoromethane	Ave	3.670	3.598		9.80	10.0	-2.0	30.0
n-Pentane	Ave	1.450	1.918		13.2	10.0	32.3*	30.0
Ethanol	Ave	0.4264	0.4426		15.6	15.0	3.8	30.0
Ethyl ether	Ave	0.7123	0.8530		12.0	10.0	19.8	30.0
Acrolein	Ave	0.3519	0.4199		11.9	10.0	19.3	30.0
Freon TF	Ave	2.920	3.134		10.7	10.0	7.3	30.0
1,1-Dichloroethene	Ave	1.332	1.415		10.6	10.0	6.2	30.0
Acetone	Ave	1.475	1.787		12.1	10.0	21.2	30.0
Carbon disulfide	Ave	3.373	4.063		12.0	10.0	20.5	30.0
Isopropyl alcohol	Ave	1.564	1.856		11.9	10.0	18.7	30.0
3-Chloropropene	Ave	1.261	1.463		11.6	10.0	16.0	30.0
Acetonitrile	Ave	0.6293	0.9716		15.4	10.0	54.4*	30.0
Methylene Chloride	Ave	1.137	1.424		12.5	10.0	25.2	30.0
tert-Butyl alcohol	Ave	2.436	2.811		11.5	10.0	15.4	30.0
trans-1,2-Dichloroethene	Ave	1.734	1.988		11.5	10.0	14.7	30.0
Methyl tert-butyl ether	Ave	3.700	4.046		10.9	10.0	9.4	30.0
Acrylonitrile	Ave	0.7137	0.9207		12.9	10.0	29.0	30.0
n-Hexane	Ave	1.641	1.961		12.0	10.0	19.5	30.0
1,1-Dichloroethane	Ave	2.174	2.469		11.4	10.0	13.6	30.0
Vinyl acetate	Ave	2.354	2.186		9.29	10.0	-7.1	30.0
cis-1,2-Dichloroethene	Ave	1.735	1.821		10.5	10.0	5.0	30.0
Methyl Ethyl Ketone	Ave	0.7349	0.8392		11.4	10.0	14.2	30.0
Ethyl acetate	Ave	0.1333	0.1488		11.2	10.0	11.6	30.0
Tetrahydrofuran	Ave	0.2159	0.3006		13.9	10.0	39.2*	30.0
Chloroform	Ave	3.632	3.960		10.9	10.0	9.0	30.0
1,1,1-Trichloroethane	Ave	0.6378	0.6682		10.5	10.0	4.8	30.0
Cyclohexane	Ave	0.3944	0.4424		11.2	10.0	12.2	30.0
Carbon tetrachloride	Ave	0.7075	0.6891		9.74	10.0	-2.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab Sample ID: CCVIS 200-179318/3 Calibration Date: 04/29/2022 09:04

Instrument ID: CHC.i Calib Start Date: 04/19/2022 16:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/20/2022 04:18

Lab File ID: 50619-03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.062	1.174		11.1	10.0	10.6	30.0
2,2,4-Trimethylpentane	Ave	1.567	1.890		12.1	10.0	20.6	30.0
1,2-Dichloroethane	Ave	0.4295	0.4747		11.1	10.0	10.5	30.0
n-Heptane	Ave	0.6254	0.7722		12.3	10.0	23.5	30.0
Trichloroethene	Ave	0.5610	0.5411		9.64	10.0	-3.5	30.0
n-Butanol	Ave	0.2727	0.2333		8.55	10.0	-14.5	30.0
1,2-Dichloropropane	Ave	0.5091	0.5535		10.9	10.0	8.7	30.0
Dibromomethane	Ave	0.5195	0.4312		8.30	10.0	-17.0	30.0
Methyl methacrylate	Ave	0.4645	0.5037		10.8	10.0	8.4	30.0
1,4-Dioxane	Ave	0.2451	0.2515		10.3	10.0	2.6	30.0
Bromodichloromethane	Ave	0.8766	0.8753		9.98	10.0	-0.1	30.0
cis-1,3-Dichloropropene	Ave	0.8353	0.8099		9.69	10.0	-3.0	30.0
methyl isobutyl ketone	Ave	1.249	1.374		11.0	10.0	10.0	30.0
Toluene	Ave	1.026	1.028		10.0	10.0	0.2	30.0
n-Octane	Ave	1.386	1.507		10.9	10.0	8.7	30.0
trans-1,3-Dichloropropene	Ave	0.7296	0.7411		10.2	10.0	1.6	30.0
1,1,2-Trichloroethane	Ave	0.5182	0.5232		10.1	10.0	1.0	30.0
Tetrachloroethene	Ave	0.8234	0.7295		8.86	10.0	-11.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.318	1.453		11.0	10.0	10.3	30.0
Dibromochloromethane	Ave	0.8876	0.8846		9.96	10.0	-0.3	30.0
1,2-Dibromoethane	Ave	0.8544	0.8442		9.88	10.0	-1.2	30.0
Chlorobenzene	Ave	1.323	1.281		9.68	10.0	-3.2	30.0
Ethylbenzene	Ave	2.279	2.275		9.98	10.0	-0.2	30.0
n-Nonane	Ave	1.296	1.435		11.1	10.0	10.8	30.0
m,p-Xylene	Ave	0.8539	0.8474		19.8	20.0	-0.8	30.0
Xylene, o-	Ave	0.8141	0.8070		9.91	10.0	-0.9	30.0
Styrene	Ave	1.304	1.332		10.2	10.0	2.2	30.0
Bromoform	Ave	0.8401	0.8581		10.2	10.0	2.1	30.0
Cumene	Ave	2.435	2.402		9.86	10.0	-1.3	30.0
1,1,2,2-Tetrachloroethane	Ave	1.354	1.355		10.0	10.0	0.0	30.0
1,2,3-Trichloropropane	Ave	1.107	1.159		10.5	10.0	4.7	30.0
n-Propylbenzene	Ave	3.099	3.099		10.0	10.0	0.0	30.0
2-Chlorotoluene	Ave	2.130	2.130		10.0	10.0	-0.0	30.0
4-Ethyltoluene	Ave	2.468	2.426		9.83	10.0	-1.7	30.0
n-Decane	Ave	1.654	1.847		11.2	10.0	11.6	30.0
1,3,5-Trimethylbenzene	Ave	1.967	1.988		10.1	10.0	1.1	30.0
Alpha Methyl Styrene	Ave	0.9833	0.995		10.1	10.0	1.2	30.0
tert-Butylbenzene	Ave	1.896	1.841		9.70	10.0	-2.9	30.0
1,2,4-Trimethylbenzene	Ave	1.995	1.985		9.95	10.0	-0.5	30.0
sec-Butylbenzene	Ave	3.001	2.983		9.94	10.0	-0.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Lab Sample ID: CCVIS 200-179318/3 Calibration Date: 04/29/2022 09:04

Instrument ID: CHC.i Calib Start Date: 04/19/2022 16:32

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/20/2022 04:18

Lab File ID: 50619-03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.422	1.339		9.42	10.0	-5.8	30.0
4-Isopropyltoluene	Ave	2.473	2.492		10.1	10.0	0.8	30.0
1,4-Dichlorobenzene	Ave	1.398	1.299		9.29	10.0	-7.1	30.0
Benzyl chloride	Ave	2.009	1.962		9.76	10.0	-2.3	30.0
n-Butylbenzene	Ave	2.563	2.587		10.1	10.0	0.9	30.0
1,2-Dichlorobenzene	Ave	1.357	1.270		9.35	10.0	-6.4	30.0
n-Undecane	Ave	1.736	2.120		12.2	10.0	22.1	30.0
n-Dodecane	Ave	1.825	2.016		11.0	10.0	10.4	30.0
1,2,4-Trichlorobenzene	Ave	1.346	1.094		8.12	10.0	-18.7	30.0
Hexachlorobutadiene	Ave	1.219	0.9941		8.15	10.0	-18.5	30.0
Naphthalene	Ave	2.758	2.477		8.98	10.0	-10.2	30.0
1,2,3-Trichlorobenzene	Ave	1.126	0.9731		8.64	10.0	-13.6	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Instrument ID: CHC.i Start Date: 04/19/2022 14:00

Analysis Batch Number: 178918 End Date: 04/20/2022 07:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-178918/1		04/19/2022 14:00	1	50460-01.D	RTX-624 0.32(mm)
IC 200-178918/4		04/19/2022 16:32	1	50460-04.D	RTX-624 0.32(mm)
IC 200-178918/5		04/19/2022 17:27	1	50460-05.D	RTX-624 0.32(mm)
ZZZZZ		04/19/2022 17:27	1		RTX-624 0.32(mm)
IC 200-178918/6		04/19/2022 18:21	1	50460-06.D	RTX-624 0.32(mm)
ZZZZZ		04/19/2022 18:21	1		RTX-624 0.32(mm)
IC 200-178918/7		04/19/2022 19:15	1	50460-07.D	RTX-624 0.32(mm)
ZZZZZ		04/19/2022 19:15	1		RTX-624 0.32(mm)
IC 200-178918/9		04/19/2022 21:04	1	50460-09.D	RTX-624 0.32(mm)
IC 200-178918/13		04/20/2022 00:42	1	50460-13.D	RTX-624 0.32(mm)
IC 200-178918/14		04/20/2022 01:36	1	50460-14.D	RTX-624 0.32(mm)
ICIS 200-178918/17		04/20/2022 04:18	1	50460-17.D	RTX-624 0.32(mm)
ICV 200-178918/19		04/20/2022 06:06	1	50460-19.D	RTX-624 0.32(mm)
ZZZZZ		04/20/2022 07:00	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-63170-1

SDG No.:

Instrument ID: CHC.i Start Date: 04/29/2022 07:27

Analysis Batch Number: 179318 End Date: 04/30/2022 05:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-179318/1		04/29/2022 07:27	1	50619-01.D	RTX-624 0.32(mm)
CCVIS 200-179318/3		04/29/2022 09:04	1	50619-03.D	RTX-624 0.32(mm)
LCS 200-179318/4		04/29/2022 09:57	1	50619-04.D	RTX-624 0.32(mm)
MB 200-179318/5		04/29/2022 10:51	1	50619-05.D	RTX-624 0.32(mm)
ZZZZZ		04/29/2022 11:49	0.2		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 12:47	0.2		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 13:41	196		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 14:35	87.1		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 15:29	248.5		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 16:23	248.5		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 17:21	0.2		RTX-624 0.32(mm)
200-63170-8	6020	04/29/2022 18:19	0.2	50619-13.D	RTX-624 0.32(mm)
ZZZZZ		04/29/2022 19:13	10		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 20:07	10		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 21:01	10		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 21:55	1		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 22:49	2.5		RTX-624 0.32(mm)
ZZZZZ		04/29/2022 23:43	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2022 00:37	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2022 01:30	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2022 02:24	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2022 03:18	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2022 04:12	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2022 05:06	1		RTX-624 0.32(mm)

Shipping and Receiving Documents

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:** C. Kibler	**Samples Collected By:** A. Kovs
Company Name: LaBella Associates	**Phone:**	
Address: 300 Pearl Street	**Email:** CKibler@labellapc.com	
City/State/Zip Buffalo NY		
Phone:	**Site Contact:**	
FAX:	**Tel/Fax**	
Project Name: BCP #C932142 - Remington Road Bldg.	**Analysis Turnaround Time**	
Site/Location: 184+185 Sweeney Street	Standard (Specific): X	
P O #	Rush (Specifiy):	

COC No: 1 of 1 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 D1946	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:
SS-vent part-3	5/20/22	8:09	5/21/22	13:35	-30	-8	4031	2706	X														

200-63486 Chain of Custody

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

Special Instructions/QC Requirements & Comments:
also email results to akovs@labellapc.com

Samples Shipped by: A. Kovs	**Date / Time:** 5/20/22	**Samples Received by:** [illegible]	10:30 5/23/22
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. 2.28, dated 1/8/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 200-63486-1
SDG Number: 200-63486

Login Number: 63486
List Number: 1
Creator: Khudaier, Zahraa

List Source: Eurofins 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.	True	
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.	N/A	
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	